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"To Enrich Lives Through Effective And Caring Service"

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December 19, 2017

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

20 December 19, 2017

LORI GLASGOW
EXECUTIVE OFFICER

**APPROVE ADDENDUM NO. 4 TO FINAL ENVIRONMENTAL IMPACT REPORT AND
REFINEMENTS TO THE MUSIC CENTER IMPROVEMENTS ELEMENT OF THE GRAND AVENUE
AND ENVIRONS PROJECT, AUTHORIZE FUNDING AGREEMENT WITH PERFORMING ARTS
CENTER OF LOS ANGELES COUNTY, APPROVAL OF USE OF COMMERCIAL PAPER TO
FUND FUNDING AGREEMENT, APPROPRIATION ADJUSTMENT, AND AMENDED AND
RESTATED MUSIC CENTER OPERATING LEASE AND RELATED CALIFORNIA
ENVIRONMENTAL QUALITY ACT EXEMPTION
(FIRST DISTRICT)
(3 VOTES)**

SUBJECT

Approval of Addendum No. 4 to the Grand Avenue and Environs Project Final Environmental Impact Report, and approval of refinements to the Music Center Improvements element of the Grand Avenue and Environs Project; delegation of authority to the Chief Executive Officer, or her designee, to execute a funding agreement with the Performing Arts Center of Los Angeles County; approval of appropriation adjustment; and authorization for commercial paper financing, all related to the refinements to the Music Center Plaza.

In addition, authorization to enter into an Amended and Restated Music Center Operating Lease that amends and combines an existing sublease and various operating agreements, and addresses a number of issues raised in a 2015 audit; and finding that the Amended Lease is exempt from the California Environmental Quality Act.

IT IS RECOMMENDED THAT THE BOARD:

1. Certify that Addendum No. 4 to the previously certified Final Environmental Impact Report for the Grand Avenue and Environs Project has been completed in compliance with the California Environmental Quality Act and reflects the independent judgment and analysis of the County; find that the Board has reviewed and considered the information contained in Addendum No. 4 with the Final Environmental Impact Report prior to approving the refinements to the Music Center Improvements element of the Grand Avenue and Environs Project; and approve Addendum No. 4.
2. Find that the Amended and Restated Music Center Operating Lease is exempt from the provisions of the California Environmental Quality Act for the reasons stated in this letter and the record.
3. Approve the refinements to the Music Center Improvements element of the Grand Avenue and Environs Project, which involves refinements to the Music Center Plaza.
4. Authorize the Chief Executive Officer, or her designee, to execute a funding agreement with the Performing Arts Center of Los Angeles County in the amount of \$33,000,000 for the costs of the refinements to the Music Center Plaza, and find that the recommended action is to contribute funding to serve the social needs of the County.
5. Approve the use of \$28,000,000 of short-term commercial paper notes to partially fund the expenses associated with the refinements to the Music Center Plaza pursuant to the funding agreement described in Recommendation 4.
6. Approve the appropriation adjustment to transfer \$5,000,000 in the Provisional Financing Uses-Various budget to the Project and Facilities Development Fund to be disbursed to the Performing Arts Center of Los Angeles County for the expenses associated with the refinements to the Music Center Plaza pursuant to the funding agreement described in Recommendation 4.
7. Find that the property to be leased will not be needed for County purposes during the lease term and that the programming to be provided by the Performing Arts Center of Los Angeles County serves public purposes, and approve and authorize the Chief Executive Officer, or her designee, to sign and execute the Amended and Restated Music Center Operating Lease with the Performing Arts Center of Los Angeles County.
8. Approve and authorize the Chief Executive Officer, or her designee, to amend the current agreements between the County and the Performing Arts Center of Los Angeles County for the lease, operation, and maintenance of the Walt Disney Concert Hall to conform with the changes in the Amended and Restated Music Center Operating Lease. Any necessary amendments shall require approval as to form by County Counsel.
9. Authorize and direct the Chief Executive Officer, or her designee, to execute any other ancillary documentation necessary to effectuate the funding agreement and the Amended and Restated Music Center Operating Lease; and authorize the Chief Executive Officer, or her designee, to take actions necessary and appropriate to implement these documents.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The recommended actions address both Music Center Plaza Refinements and an Amended and Restated Music Center Operating Lease, described below.

MUSIC CENTER PLAZA REFINEMENTS

The recommended actions will approve Addendum No. 4 to the previously certified Final Environmental Impact Report for the Grand Avenue and Environs Project (Project), and approve the specific refinements to the Music Center Plaza. The recommendations also authorize the Chief Executive Officer (CEO), or her designee, to execute a funding agreement with the Performing Arts Center of Los Angeles County (PACLAC), approval of the use of up to \$28,000,000 of commercial paper notes and \$5,000,000 from Provisional Financing Uses-Variou budget (PFU-Variou) to fund the funding agreement with PACLAC, and approval of the appropriation adjustment to transfer funds from PFU-Variou to the Project and Facilities Development Fund (PFD) to disburse County funds to PACLAC pursuant to the funding agreement terms.

Background

On July 5, 2016, the Board authorized the CEO to execute a funding agreement with PACLAC for preconstruction activities involving proposed refinements to the Music Center Plaza. Under that funding agreement, the County transferred \$2,000,000 to PACLAC to complete design, environmental documentation and other preconstruction activities involved in the proposed refinements to the Music Center Plaza.

The proposed refinements to the Music Center Plaza include leveling and refinishing the Music Center Plaza surface to align with the Dorothy Chandler Pavilion and Mark Taper Forum, reconstructing the existing Grand Avenue staircase with a more narrow staircase flanked on both sides by donor panels and escalators, moving the approximately 50-foot-tall "Peace on Earth" Lipchitz sculpture in the center of the Music Center Plaza towards Hope Street, reorganizing the existing food, beverage, and information facilities around the Plaza by creating four new, permanent structures, and adding new public restrooms to replace the existing restroom trailer.

During the course of design of the above proposed refinements which was completed in June 2017, significant issues were encountered which increased construction costs from the original preconstruction cost estimate of \$30,000,000 to \$40,000,000. The major design complications increasing construction costs included the need for a more expensive paver system to meet load requirements for the Music Center Plaza, increased accessibility entry scope, and structural reinforcement of the parking structure. PACLAC reports \$1,700,000 in value engineering savings to the budget.

The original funding plan for the \$30,000,000 cost estimate for the refinements to the Music Center Plaza consisted of a PACLAC commitment to contribute \$5,000,000 and the County funding the remaining \$25,000,000, through the initial \$2,000,000 net County cost transferred in July 2016, and an additional \$23,000,000 in County funding which could be provided using bond financing.

To provide for the increase in costs described above, the revised funding plan would increase the PACLAC obligation from \$5,000,000 to \$10,000,000, and provide an additional \$5,000,000 from the County coming from funds budgeted in the PFU-Various during Supplemental Changes to the Fiscal Year 2017-18 Budget. For the additional PACLAC contribution, the County would initially fund \$5,000,000 in expenses on PACLAC's behalf, and PACLAC would repay the funds, including all financing costs via \$400,000 annual payments until paid off. The funding agreement between the County and PACLAC will contain the terms of the funding for the proposed refinements to the Music Center Plaza.

AMENDED AND RESTATED MUSIC CENTER OPERATING LEASE

With respect to the proposed Amended and Restated Music Center Operating Lease with PACLAC (Amended Lease), these recommendations will authorize the CEO, or her designee, to execute the Amended Lease and make California Environmental Quality Act (CEQA) findings related thereto and provide authorization to amend current agreements and execute any ancillary documentation necessary and appropriate to implement the funding agreement and Amended Lease. The Amended Lease will update and replace a series of older Music Center agreements and also incorporate new provisions to address the findings of a 2015 County audit of the Music Center.

Background

In 1963, the County and the Music Center Operating Company (now known as PACLAC) entered into the Music Center Operating Sublease, which provides for PACLAC's operation of the Music Center and specifies certain duties and obligations between the parties in connection with such operation. Over the past 55 years, the County and PACLAC have executed multiple related documents such as operating agreements, operating memos, and amendments. The existing lease with PACLAC expires on June 25, 2064.

On July 7, 2015, the Board instructed the Auditor-Controller to conduct an audit of the County General Fund's Music Center budget to review the use of County funding provided for Music Center operations. The Auditor-Controller issued its report on October 20, 2015, with 33 recommendations that related mainly to financial transparency and County oversight. The audit recommendations include:

- Replace the various agreements with an amended and restated operating lease;
- Define and clarify allowable Music Center operational costs paid by the County;
- Clarify the County will have full access to view financing records and expenditures involving County funds (including concession revenue);
- Formalize annual budget requests to the County;
- Formalize accounting process to ensure County funds are appropriately spent; and
- Ensure expenditures for gifts, business entertainment and meals are not paid for by County funds.

The Amended Lease addresses the recommendations in the Auditor-Controller's report. The single consolidated agreement also eliminates confusion, conflicts, and inefficiencies caused by numerous versions of the earlier documents that the Amended Lease would replace.

FISCAL IMPACT/FINANCING

The recommended actions would increase the amount the County would contribute to PACLAC to complete the \$40,000,000 refinements to the Music Center Plaza from \$25,000,000 to \$30,000,000. The County funding consists of \$7,000,000 net County cost (\$2,000,000 previously transferred in July 2016 for preconstruction services and \$5,000,000 transferred from PFU-Various as part of this action) and \$23,000,000 in bond financing, which will be repaid by the County over a 30-year term, with annual financing costs estimated at up to \$1,800,000. The PACLAC funding will increase from \$5,000,000 to \$10,000,000. The additional funding consists of \$5,000,000 for the costs for the refinements to the Music Center Plaza that will be initially funded by the County through borrowing but repaid by PACLAC. PACLAC will be responsible for reimbursement of the principal, interest, and other associated costs the County incurs with the borrowing for those costs, which PACLAC will repay to the County in annual payments of \$400,000 to the County via the Rent Budget. PACLAC may fund a portion of its additional \$5,000,000 obligation by directly paying for the costs of the Plaza refinements, if funding availability is confirmed by CEO. Any such cash-funding of Plaza refinement expenses by PACLAC would offset the County's required borrowing on its behalf.

Pursuant to the terms of the funding agreement, PACLAC is permitted to raise funds from naming rights to the refurbished County-owned Music Plaza facilities for exclusive use toward funding its \$10,000,000 obligation to the refinements to the Music Center Plaza.

The transfer of the \$5,000,000 additional County funding will be accomplished via an appropriation adjustment approved as part of this action, with the \$5,000,000 transferred from PFU-Various to the PFD to be disbursed to PACLAC for the expenses associated with the refinements to the Music Center Plaza pursuant to the funding agreement terms.

Pursuant to the Board's Civic Art Policy, adopted on December 7, 2004, and last amended on August 11, 2015, the Project cost also includes one percent of the estimated design and construction cost to be allocated to the Civic Art Fund. The Los Angeles County Arts Commission has confirmed the Music Center Plaza refinements scope, which includes improvements to exhibit/performance space and similar facilities, is an eligible use of the civic art allocation and agreed to use the Civic Art Fund allocation to fund Project costs.

The Amended Lease was designed to be cost neutral with no additional fiscal impact on the County as compared with the existing Music Center agreements that it is replacing. County allocations for the Music Center operational costs will continue to be approved by the Board each year through the County budget process.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Pursuant to California Government Code 26227, the Board may expend money for projects and/or programs which will serve the social needs of the County, and the County may contract with other public agencies, private agencies, non-profit entities, or individuals for those projects and/or programs. The purpose of the recommended actions is to contribute funding to serve the social needs of the County in the area of culture and the arts. In addition, Government Code 26227 allows the Board of Supervisors to make available to a nonprofit organization any County real property that is not needed for County purposes in order to carry out programs that serve public purposes.

The Amended Lease contains the following changes from the existing lease:

- Combines and updates the terms of the existing lease and the various related operation agreements into one document that will govern the operation of The Music Center;
- Clarifies the areas of the Music Center which will be PACLAC's responsibility;
- Clarifies that any redevelopment of the De Lisa Building will be subject to the approval of the Board and a separate agreement;
- Clarifies PACLAC's right to grant further naming rights at The Music Center will require the County's consent and a separate agreement;
- Updates the indemnity and insurance provisions to current County standards;
- Gives the Board of Supervisors the right to participate in selection of PACLAC's CEO;
- Clarifies the audit process and County audit rights with access to all of PACLAC's operations records, which will enable County to better trace all County funds and County contributions;
- Clarifies important distinction for audit purposes between revenue generated by "Operations" and revenue generated by "Programming";
- Prohibits PACLAC from spending County funds on entertainment uses and certain overhead accounts;
- Clarifies the Annual Budget process for the Music Center and the Walt Disney Concert Hall, by acknowledging PACLAC's consolidated budget unit for the two assets. (The proposed actions will allow for the amendment of the Walt Disney Concert Hall lease so that it is consistent with the Amended Lease);
- Adds standard default and remedy language, including the right to terminate in the event of default consistent with the Walt Disney Concert Hall lease; and
- Modifies language which requires PACLAC to transfer all of PACLAC's assets at the end of the lease term to now exclude those assets generated by or from PACLAC's programming activities. These excluded assets must meet all of the following criteria: (1) were not purchased using County funds, (2) are not needed to operate the Music Center, and (3) are not expressly restricted for use at the Music Center. PACLAC will have the burden of proving any asset satisfies the foregoing criteria.

ENVIRONMENTAL DOCUMENTATION

With respect to the Music Center Plaza refinements, the Final Environmental Impact Report for the Project was certified by the Board on October 8, 2002 (Certified EIR). At that time the Board adopted a Findings of Fact and Statement of Overriding Considerations, which determined that the economic, legal, social (recreational and educational), technological, and other benefits of implementing the Project outweigh and override the unavoidable adverse effects of the project, including impacts to air quality, cultural resources, noise, and transportation/traffic. Addenda Nos. 1, 2, and 3 to the Certified EIR were approved by the Board in 2003.

As described in the Certified EIR, the Project consists of three distinct elements:

(1) Grand Avenue Realignment project along the Grand Avenue right-of-way between Temple Street and just south of Second Street and the immediately adjacent sidewalk at street level; (2) County of Los Angeles Mall Pedestrian Improvements facing Grand Avenue; and (3) Music Center Improvements. Distinct objectives were defined for each of the three elements of the project. Addendum No. 4 to the EIR is considered in light of the objectives defined for element (3).

The detailed Addendum No. 4 documents that the impacts previously identified in the Certified EIR would not change as a result of the recommended refinements, and there would not be any new or substantially more adverse environmental impacts. None of the conditions which would require recirculation and a Subsequent EIR under Section 15162 of the State CEQA Guidelines have occurred. There are no changes to the Project or to the circumstances under which the Project is undertaken that require further review to the Certified EIR, as amended by Addenda Nos. 1-4.

Upon the Board's approval of the proposed refinements to the Music Center Plaza, the CEO will file a Notice of Determination with the County Clerk in accordance with Section 21152 of the California Public Resources Code. Addendum No. 4 and the certified EIR and Addenda Nos. 1, 2, and 3 are available and can be viewed at <http://ceo.lacounty.gov/envdocGA.html>. The location of the documents and other materials constituting the record of the proceedings upon which the Board's decision is based in this matter is the Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, California. The custodian of such documents and materials is Bradford M. Bolger, Senior Manager, Los Angeles County Chief Executive Office.

With respect to the recommended Amended Lease and related documents, the actions are exempt from CEQA as specified in Class 1 of the Environmental Document Reporting Procedures and Guidelines adopted by the Board of Supervisors, and Section 15301 of the State CEQA Guidelines (Existing Facilities) because it involves the leasing of an existing facility with no expansion of the current use. In addition, based on the Project records, it will comply with all applicable regulations, and it is not in a sensitive environment, and there are no cumulative impacts, unusual circumstances, damage to scenic highways, listing on hazardous waste sites compiled pursuant to Government Code Section 65962.5, or indications that it may cause a substantial adverse change in the significance of a historical resource that would make the exemption for the Amended Lease inapplicable.

Upon your Board's approval of the recommended actions relating to the Amended Lease, the CEO will file a Notice of Exemption with the County Clerk in accordance with Section 21152 of the California Public Resources Code.

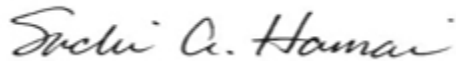
IMPACT ON CURRENT SERVICES (OR PROJECTS)

No significant impact to current operations is expected during construction of the Music Center Plaza refinements. The Music Center theaters will continue normal operations. Accessible paths of travel will be maintained to all Music Center theaters at all times, and additional points of entry will be provided for performances.

CONCLUSION

Please return one adopted copy of this Board letter to the Chief Executive Office, Capital Programs Division. Further, it is requested that the Executive Office, Board of Supervisors, return two certified copies of the Minute Order, and the adopted, stamped Board letter to the CEO, Real Estate Division, at 222 South Hill Street, 4th Floor, Los Angeles, CA 90012, for further processing.

Respectfully submitted,

A handwritten signature in cursive script, reading "Sachi A. Hamai".

SACHI A. HAMAI

Chief Executive Officer

SAH:JJ:DPH

BMB:AMA:PB:zu

c: Executive Office, Board of Supervisors
Auditor-Controller
County Counsel
Treasurer and Tax Collector

GRAND AVENUE AND ENVIRONS PROJECT
ADDENDUM NO. 4 TO THE FINAL ENVIRONMENTAL IMPACT REPORT

STATE CLEARINGHOUSE NUMBER 2001101166

PREPARED FOR:
COUNTY OF LOS ANGELES
CHIEF ADMINISTRATIVE OFFICE
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JULY 7, 2017

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APPENDIX

A Mitigation Monitoring Plan

SECTION 1.0 INTRODUCTION

This Addendum No. 4 to the Final Environmental Impact Report (EIR) is prepared pursuant to and in compliance with Section 15164 of the California Environmental Quality Act (CEQA) Guidelines for minor refinements to the Music Center Improvements element of the Grand Avenue and Environs Project (project) being undertaken by The Music Center and subject to approval by the County of Los Angeles (County). The project was approved by the County Board of Supervisors, which certified the Final EIR on October 8, 2002.¹ In addition, the Board of Supervisors adopted a Findings of Fact and Statement of Overriding Considerations, which determined that the economic, legal, social (recreational and educational), technological, and other benefits of implementing the project outweigh and override the unavoidable adverse effects of the project, including impacts to air quality, cultural resources, noise, and transportation/traffic.²

Addendum No. 4 describes refinements to the Music Center Improvements element of the project to address refinements including leveling and refinishing the Music Center Plaza surface, reconstructing the existing Grand Avenue staircase with a new stair flanked on both sides by donor panels and escalators, moving the approximately 50-foot-tall "Peace on Earth" Lipchitz sculpture in the center of the Music Center Plaza along its axis towards Hope Street, and installation of four approximately 40-foot high electronic media panels. It would involve the replacement of the existing 20 trees within existing planters that would remain in the Music Center Plaza. It would not involve the removal of the existing fountain in the center of the Music Center Plaza. The impacts previously identified in the Final EIR would not change as a result of these refinements, nor would there be any new or substantially more adverse impacts.

BACKGROUND

The primary objective of the Music Center Improvements element of the proposed project is to create a more welcoming and safer pedestrian environment for the broad range of visitors to the Music Center campus in the following ways:

- Make the Music Center more welcoming to diverse audiences
- Better accommodate educational programming that currently occurs at the Music Center
- Improve the visibility of the Music Center from Grand Avenue to encourage use of the public open space provided by the Music Center Plaza
- Improve transit access to the Music Center campus
- Improve pedestrian safety within the Music Center Plaza
- Beautify the Music Center Plaza for patron enjoyment
- Improve pedestrian access to the Music Center
- Create outdoor performance areas in conjunction with the Music Center

¹ County of Los Angeles Chief Administrative Office, 8 October 2002. *Final Environmental Impact Report Grand Avenue and Environs Project*. Contact: Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, CA 90012. Prepared by: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

² County of Los Angeles Chief Administrative Office, 8 October 2002. *Environmental Findings of Fact and Statement of Overriding Considerations*. Contact: Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, CA 90012. Prepared by: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

- Enhance plaza amenities (dining, restrooms, seating, valet parking, hospitality, etc.) in conjunction with the Music Center
- Improve Music Center operations (utility, infrastructure, storage, plaza surface)

PURPOSE

The purpose of Addendum No. 4 to the Final EIR is to document technical changes and additions to the project description. The analysis evaluates whether there is a substantial change in the project requiring major revisions, a substantial change in circumstances requiring major revisions, or new information showing greater significant impacts. The Appendix G checklist for an Initial Study was modified for use in the Addendum analysis. Instead of asking whether the project would have "potentially significant" impacts, the checklist questions were modified consistent with the State CEQA Guidelines on addenda to ask whether there was a substantial change in the project requiring major revisions of the prior EIR, or a substantial change in circumstances requiring major revisions to the EIR, or new information showing new or more severe significant impacts. As none of the conditions described in Section 15162 of the State CEQA Guidelines calling for preparation of a Subsequent EIR have occurred, it is understood that The Music Center, in consultation with the County of Los Angeles, has determined an Addendum to the previously certified EIR and Addenda to be the appropriate environmental compliance document. None of the changes to the project description would result in a change to the environmental impact analysis undertaken in the certified Final EIR, as amended by Addenda Nos. 1, 2, and 3 to the EIR.

Addendum No. 4 to the Final EIR is being prepared for the Lead Agency designated by the State of California as defined in Section 15367 of the CEQA Guidelines. The County of Los Angeles is the Lead Agency with regard to all County-owned properties. The County of Los Angeles does not anticipate a federal action, as defined by the National Environmental Policy Act (NEPA), such as the receipt of federal funds, for the phase of work addressed in the Addendum.

SECTION 2

PROJECT DESCRIPTION

This section describes in detail the refinements to the project description associated with the Music Center Improvements element of the project.

GOALS AND OBJECTIVES

The goal of the Grand Avenue and Environs Project (project) is to create a more welcoming environment for the community and visitors to the Music Center campus, including the Walt Disney Concert Hall, as well as the Cathedral of Our Lady of the Angels and the County of Los Angeles Mall. The County of Los Angeles Mall has been redesigned as Grand Park, an approximately 12-acre space spanning from Spring Street to Grand Avenue, along an axis between the City Hall West building and the Music Center Campus. Construction of Grand Park started in 2010, and the public space reopened to the public as Grand Park in 2012. The existing Arthur J. Will Fountain was retained in the redesign of the public space.

As described in the 2002 certified EIR, the project consists of three distinct elements: (1) Grand Avenue Realignment project along the Grand Avenue right-of-way between Temple Street and just south of Second Street and the immediately adjacent sidewalk at street level; (2) County of Los Angeles Mall Pedestrian Improvements facing Grand Avenue; and (3) Music Center Improvements. Distinct objectives were defined for each of the three elements of the project. This Addendum to the EIR is considered in light of the objectives defined for element (3).

Music Center Improvements

The Music Center Improvements are intended to create a more welcoming and a safer pedestrian environment for the broad range of visitors to the Music Center campus in the following ways:

- Make the Music Center more welcoming to diverse audiences
- Better accommodate educational programming that currently occurs at the Music Center
- Improve the visibility of the Music Center from Grand Avenue to encourage use of the public open space provided by the Music Center Plaza
- Improve transit access to the Music Center campus
- Improve pedestrian safety within the Music Center Plaza
- Beautify the Music Center Plaza for patron enjoyment
- Improve pedestrian access to the Music Center
- Create outdoor performance areas in conjunction with the Music Center
- Enhance plaza amenities (dining, restrooms, seating, valet parking, hospitality, etc.) in conjunction with the Music Center
- Improve Music Center operations (utility, infrastructure, storage, plaza surface)

BACKGROUND – PROJECT AS PREVIOUSLY APPROVED

The EIR for the approved project was certified in 2002, and Addenda Nos. 1, 2, and 3 to the EIR were approved in 2003 and is referred to in this Addendum as the approved project, or the previously approved project, to distinguish it from the proposed 2017 project refinements which are the subject of this Addendum No. 4. As stated on page 3.4-26 of the Draft EIR for the approved

project, the *Historical Resources Assessment*¹ determined that the renovation of the staircase that connects Grand Avenue to the Music Center Plaza would result in significant impacts to Historical Resources:

The *Historical Resources Assessment* determined that renovation of the staircase that connects Grand Avenue to the Music Center Plaza would demolish physical characteristics identified as contributing elements to the Music Center that justify its inclusion in, or eligibility for inclusion in the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would constitute a significant impact to historical resources, requiring the consideration of mitigation measures or alternatives. The existing stairway connecting the Music Center to Grand Avenue would be widened and deepened to improve access and visual connection between street and plaza, and to allow it to serve as a setting for outdoor performances in conjunction with the Plaza and improved, widened Grand Avenue sidewalk. The demolition consists of removal of the approximately 2,500 square feet (4 percent) of the original (or replaced in-kind) material that comprise the existing staircase and the removal of an approximately 480 square feet of polished granite veneer that flanks the planters on either side of the staircase. The renovated staircase would alter the footprint of the existing staircase by extending an additional 7 feet into the Grand Avenue sidewalk area. The proposed design would include new linear water features along the north and south margins of the stair that would be extended along the side of the upper landing into the Plaza area.²

The Final EIR revised the proposed staircase renovation description to state that the proposed staircase would extend an additional **2 feet, 2 inches** into the existing sidewalk, rather than the originally proposed extension of 7 feet, **leaving 8 feet to the curb line**. Increased visibility from Grand Avenue into the Music Center Plaza would be accomplished by extending the landing to the northwest into the plaza.

As stated on pages 3.4-28 to 3.4-30 of the Draft EIR for the approved project, the *Historical Resources Assessment*³ determined that the approved Plaza Improvements would result in significant impacts to Cultural Resources, but the approved Renovation of Garden Spaces, Kiosks and Additional Service Amenities, and Relocation and Upgrade of Restroom Facilities elements would not result in significant impacts to Historical Resources:

Plaza Improvements

The *Historical Resource Assessment* determined that the proposed raising of the recessed portion of the plaza would demolish physical characteristics identified as contributing elements to the Music Center, that justify its inclusion or eligibility for

¹ County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Appendix C: Cultural Resources Technical Report. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

² County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

³ County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Appendix C: Cultural Resources Technical Report. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would constitute a significant impact to historical resources, requiring the consideration of mitigation measures or alternatives. The installation of a raised surface above the plaza area would destroy or obscure approximately 28,660 square feet (48 percent) of original plaza (or replaced in-kind) material. The new plaza surface materials include stone, terrazzo, metal, and glass. The existing recessed area of the Music Center Plaza would be covered with a raised surface located approximately 20 inches above the original paving material. Raising the floor of the Music Center plaza surrounding the fountain would bring it flush with the existing fountain and the venue porticos. The void that would be created between the original surface and the newly raised surface would be used to accommodate mechanical/utility equipment below and improve pedestrian circulation and accessibility.

The double tree rows that presently flank the fountain to the north and south would be retained, although reduced from 10 to 8 trees on either side, and the existing ficus trees would be replaced with Chinese flame trees. The circular raised planters, a character-defining feature would be subsumed by the raised plaza and their location memorialized through the incorporation of their location into the paving pattern.

Renovation of Garden Spaces

The proposed renovation of garden spaces at the Music Center Plaza level would not require the demolition of any of the physical characteristics identified as contributing elements to the Music Center that justify its inclusion or eligibility for the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would not constitute a significant impact to historical resources. Donor placards currently hide existing garden areas on the Plaza. The donor placards and associated walls would be removed to enhance visibility of garden spaces. Approximately, 12,900 feet (87 percent) of existing planted garden space on the east edge of the Music Center Plaza would be replanted. The remaining 2,000 square feet (13 percent) would be replaced with small "pocket parks," adjacent to the existing stairs and escalators. The conversion of 2,000 square feet of planter to "pocket parks" would be partially offset by a new strip planter of approximately 350 square feet that would be added to the southeastern edge of the Music Center Plaza above the loading east dock.

As discussed above, although original plant material no longer exists, the intent of the design is still expressed. Retention of the original hardscape features and edge planter footprint, along with replanting in a manner closer to the original scheme would comply with the Standards and would not result in significant impacts. The planter strip added above the loading dock would be constructed of materials compatible with the original, is consistent with the original design, and would not result in a significant impact.

The glass donor placards proposed for installation on northwestern edge of the plaza would measure 20 feet long by 1 foot wide and 5 feet-high. The proposed location would not obscure views through the site to the DWP building, located northwest of the Music Center; nor would their placement obscure views from the

Department of Water and Power to the Music Center or through the Music Center to City Hall, which is located southeast of the Music Center. The placards would require minimal damage or removal of historic fabric. The original donor placards, which are the only placards relating to the period of significance, would be retained in the current design.

Kiosks and Additional Service Amenities

The proposed replacement, relocation, and expansion of the existing kiosks would not require the demolition of any of the physical characteristics identified as contributing elements to Music Center that justify its inclusion or eligibility for the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would not constitute a significant impact to historical resources. In conjunction with proposed improvements, the existing Spotlight Café kiosk structure, bar and grill kiosks, and valet/hospitality kiosk would be replaced by four new permanent structures. The replacement would increase the total area of these facilities by approximately 700 square feet, from the existing 1,825 square feet to 2,500 square feet. The proposed project would also create up to two new small retail and/or food service opportunities at the Plaza level, one near each of the two escalator entrances. These new buildings would be unified by a common architectural vocabulary, which has been designed to blend with the original architecture. The replacement structures would have discrete and low profiles, with the maximum roof elevation located 10 feet above the Music Center Plaza. The new kiosks would incorporate the flat roof and material design of the existing elevator canopies, which were the only ancillary structures included in the original design of the plaza. The exterior of the new structure would be finished mostly in glass with stainless steel trim and, in some areas, siding in a manner that is distinctive from, yet sympathetic to the original material. Glazing and siding material patterns are derived from the predominant existing pattern used throughout the complex. The use of glass would provide a sense of transparency and lightness, ensuring that the new construction does not overpower the contributing character defining historic buildings and features. The new structures would abut the existing elevator enclosures, thereby concentrating building masses in the area currently dedicated to ancillary uses. Located at the edge of the plaza, the kiosks would be separated from all the principal existing Music Center structures, such that the sight lines to the Dorothy Chandler Pavilion, the Mark Taper Forum, and the Ahmanson Theatre would not be obscured, damaged, or destroyed. Construction of the kiosks and service buildings would necessitate removal of less than 1,000 square feet (1 to 2 percent) of the original plaza paving material. Sections of integral planters adjacent to the escalators would also be altered. The amount of historic fabric to be removed is not considered significant within the overall plaza context, and removal of the structures at some point in the future may be accomplished with minimal damage to the historic fabric.

Education Space

The *Historic Resources Assessment* determined that the proposed education space would demolish physical characteristics identified as contributing elements to the Music Center that justify its inclusion or eligibility for the California Register of

Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would constitute a significant impact to historical resources requiring the consideration of mitigation measures. This determination was based on the demolition and physical alteration of the physical characteristics that convey the exceptional importance of the Music Center that would be required to place a two-story building, with a footprint of approximately 5,400 square feet, along the southeastern edge of the Music Center plaza. The second floor of the building would subsume an existing opening of approximately 2,700 square feet at the Music Center Plaza level. The first floor would be located at the Grand Avenue street level and would be largely constructed within a vehicle turnout that is not currently in operation. A portion of the building would be constructed within the garage.

- Removal of 600 square feet of original landscape;
- Removal of 1,600 square feet of original hardscape;
- Removal of two terrazzo stairways;
- Removal of up to 1,500 square feet of polished granite wall veneer and terrazzo fascia;
- Physical alteration of the spatial relationship of the existing structures; and
- Impede the existing views of the Mark Taper Forum and the Ahmanson Theatre from Grand Avenue.

Relocation and Upgrade of Restroom Facilities

The proposed relocation and upgrade of the existing restroom facilities would not require the demolition of any of the physical characteristics identified as contributing elements to the Music Center that justify its inclusion or eligibility for the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would not constitute a significant impact to historical resources. The existing 1,000-square-foot temporary restroom facility located on the southeastern edge of the Music Center plaza would be replaced with a permanent 1,600-square-foot facility located on the northwestern edge of the Music Center Plaza. The new facility would be located in a less visible and less used area of the Music Center Plaza, which is equally accessible from the Mark Taper Forum as the existing temporary facility. The new construction would be separated from the three principal existing Music Center structures, such that they are not obscured, damaged, or destroyed. The new structures would have discrete and low profiles, with a maximum roof elevation at 10 feet above the Music Center Plaza, such that it would not detract from the adjacent 48-foot tall colonnade. The existing paving and other materials adjacent to the new structures can be mostly maintained in place. The new restroom would be composed of two permanent buildings, a men's restroom and a women's restroom, linked by a breezeway. A second set of restrooms has been incorporated into the Education Space on the southwestern side of the Music Center Plaza.⁴

⁴ County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

PROPOSED PROJECT REFINEMENTS

Several of the activities included in the 2002 certified EIR, as amended by Addenda Nos. 1, 2, and 3, have been completed and a history of the refinements completed as a result of prior Addenda and those proposed by the Music Center Operating Company, on 2017, are summarized in Table 2-1, *Project Refinements*.

The proposed 2017 refinements to the approved project involve leveling and refinishing the Music Center Plaza surface, reconstructing the existing Grand Avenue staircase with a more narrow stair flanked on both sides by donor panels and escalators, moving the approximately 50-foot-tall *Peace on Earth* Lipchitz sculpture in the center of the Music Center Plaza to a garden area along Hope Street on the same axis with the existing placement, and installation of four approximately 40-foot-high electronic media panels. The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two.

The 2017 refined project would involve the replacement of the existing 20 trees within existing planters that would remain in the Music Center Plaza. It would not involve the removal of the existing fountain in the center of the Music Center Plaza. Addendum No. 4 to the EIR involves five changes to the design of the Music Center Improvements element (3) of the approved project (Figure 2-1, *Project Plans and Renderings*).

**TABLE 2-1
PROJECT REFINEMENTS**

Project Elements		Refined in Addendum No. 1 (Y/N)	Refined in Addendum No. 2 (Y/N)	Refined in Addendum No. 3 (Y/N)	Refined in Addendum No. 4 (Y/N)
1) Grand Avenue Realignment	(a) Pedestrian Improvements				
	i. Widen and Improve Sidewalks along Grand Avenue	Y	N	N	N
	ii. Pedestrian Street Crossing	Y	N	N	N
	iii. Strengthen Pedestrian Tunnels	Y	N	N	N
	iv. Re-landscape and Redesign Building Entries on the Southeast Side of Grand Avenue	Y	N	Y; As described in the Final EIR, the existing restaurant space located at street level on Grand Avenue of the Music Center (Oto's Grill) will undergo interior and exterior renovations within the existing footprint of the restaurant. The exterior renovations would replace approximately 26 linear feet of granite with glass to enhance window frontage on Grand Avenue within existing restaurant dimensions. However, the design would also incorporate approximately 14 linear feet of new granite, resulting in a net reduction of 12 linear feet. A sidewalk seating area to serve the restaurant space would be created along approximately 140 linear feet of sidewalk in front of the restaurant. The City of Los Angeles has advised that outdoor dining, which is likely to include tables, chairs, and planters, requires a 6-foot unobstructed pedestrian travel area. Outdoor dining would utilize the extra sidewalk space afforded by the realignment of Grand Avenue. The dimensions and spatial relationships for the outdoor dining are clearly defined in Figure 2.1-1 and will in fall within the 6-foot unobstructed pedestrian travel area requirement.	N
	v. Reconfiguration of Parking Lot 22	Y	N	N	N
2) County Mall Pedestrian Improvements	(b) Roadway Realignment				
	i. Section A-A	Y	N	N	N
	ii. Section B-B	Y	N	N	N
	iii. Section C-C	Y	N	N	N
	iv. Section D-D	Y	N	N	N
	v. Section E-E	Y	N	N	N
3) Music Center	(a) Remodel Steps from Grand Avenue to County Mall	Y	N	N	N
	(b) Provide Elevator from Grand Avenue to County Mall	Y	N	N	N
	(c) Provide Pedestrian Bridge Over Circular Driveways	Y	N	N	N
	(a) Grand Avenue Street Level	Y	N	N	N

**TABLE 2-1
PROJECT REFINEMENTS**

Improvements	Project Elements	Already Constructed (Y/N)	Refined in Addendum No. 1 (Y/N)	Refined in Addendum No. 2 (Y/N)	Refined in Addendum No. 3 (Y/N)	Refined in Addendum No. 4 (Y/N)
	ii. Remodel the Staircase That Connects Grand Avenue to the Music Center Plaza	N	N	N	N	Y; Instead of widening and deepening the staircase 2'-2" into the existing sidewalk, reconstruct the existing Grand Avenue staircase so that it is narrower (35'-1" wide) than the existing 49'-6" to 73'-6" wide staircase in order to incorporate 4' wide flanking escalators (total vertical rise: 13'-9"), and so that it rises slightly higher (6-3/8") to serve the higher level of the proposed Plaza level height increase. No new water features; retained existing planters. Relocation of the 1978 Robert Graham Dance Door sculpture to additional garden spaces adjacent to the new stair and escalator in the Grand Park overlook garden at the Café Pavilion.
	iii. Remodel Lower Level Restaurant Space	Y	N	N	Y; As described in the Final EIR, the existing restaurant space located at street level on Grand Avenue of the Music Center (Otto's Grill) will undergo interior and exterior renovations within the existing footprint of the restaurant. Interior renovations would include the installation of a grease interceptor to control waste grease discharge generated during food preparation. The grease interceptor would connect to the City of Los Angeles's sewer system and prevent sewage spills caused by grease-related blockages. A brasserie concept design has been developed for the exterior remodel of Otto's Grill. The exterior renovations would replace approximately 26 linear feet of granite with glass to enhance window frontage on Grand Avenue within existing restaurant dimensions. However, the design would also incorporate approximately 14 linear feet of new granite, resulting in a net reduction of 12 linear feet. A sidewalk seating area to serve the restaurant space would be created along approximately 140 linear feet of sidewalk in front of the restaurant. The City of Los Angeles has advised that outdoor dining, which is likely to include tables, chairs, and planters, requires a 6-foot unobstructed pedestrian travel area. Outdoor dining would utilize the extra sidewalk space afforded by the realignment of Grand Avenue. The dimensions and spatial relationships for the outdoor dining are clearly defined in Figure 2.1-1 and will in fall within the 6-foot unobstructed pedestrian travel area requirement.	N
	iv. Remodel Pedestrian Intersections and Stairways	Y	N	N	N	N
	v. Screen Loading Dock	N	N	N	N	N

TABLE 2-1
PROJECT REFINEMENTS

Project Elements	Already Constructed (Y/N)	Refined in Addendum No. 1 (Y/N)	Refined in Addendum No. 2 (Y/N)	Refined in Addendum No. 3 (Y/N)	Refined in Addendum No. 4 (Y/N)
(b) Music Center Plaza Level	N	N	N	N	Y: Install etched glass wall elements at two locations (between Grand Avenue staircase and each flanking escalator and between Pavilions 1 and 2 near Hope Street) instead of three. Instead of removing the granite placards, the grey benefactor plaques near Grand Avenue would be re-mounted on the new Pavilion buildings prior to completion of construction.
	N	N	N	N	Y: Existing cast in place decorative concrete and existing decorative terrazzo bands would be removed. Relocation of the 1969 Jacques Lipchitz "Peace on Earth" sculpture from the center of the Plaza toward the western edge of the axis. Replace the 20 existing trees in the Music Center Plaza at the same location as the existing planters.
	N	N	N	N	Y: Locate the additional garden space at the Plaza level along Grand Avenue, comprised of a decomposed granite seating area with drought-tolerant plant material softscape.
	N	N	Y: The relocation and enhancement of Concession Stand No. 4 as described in the EIR will undergo a minor interim remodel of the back-of-house areas to address immediate health and safety issues. A new dishwasher will be installed, and an existing restroom with one toilet and hand sink will be removed. An existing pot/dishwashing table with two tubs will be replaced with a pot/dishwashing table with three tubs. The existing hand sink and mop sink will remain in place.	N	Y: Instead of relocating banners that are currently hung from the buildings and viewed as visual clutter to permanent banner poles, the 2017 refined project would include the installation of four new approximately 40-foot-high LED-lit electronic media panels to display digital media on pixels of LED lights. The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two.
	N	N	N	N	Y: Project element is being removed from scope of work.
	N	N	N	N	Y: Reduce the size of the restroom from 1,600 to 850 square feet but would be in the same location as described for the approved project.

**TABLE 2-1
PROJECT REFINEMENTS**

Project Elements	Already Constructed (Y/N)	Refined in Addendum No. 1 (Y/N)	Refined in Addendum No. 2 (Y/N)	Refined in Addendum No. 3 (Y/N)	Refined in Addendum No. 4 (Y/N)
vii. Upgrade of Existing Temporary Storage Area	N	N	Y; A portion of the storage building will be devoted to Plaza food operations. This segment of the building will contain employee lockers, equipment, storage, an equipment wash-down area for food service equipment located on the Plaza, and men's and women's handicapped-accessible restrooms for Plaza food service employees, each with a toilet and hand sink. The equipment wash-down area will also contain a three-compartment sink and a mop sink. The remaining building segment will be used for Music Center storage.	N	N
viii. Resurface of Mark Taper Forum Reflecting Pools	Y	N	N	N	N

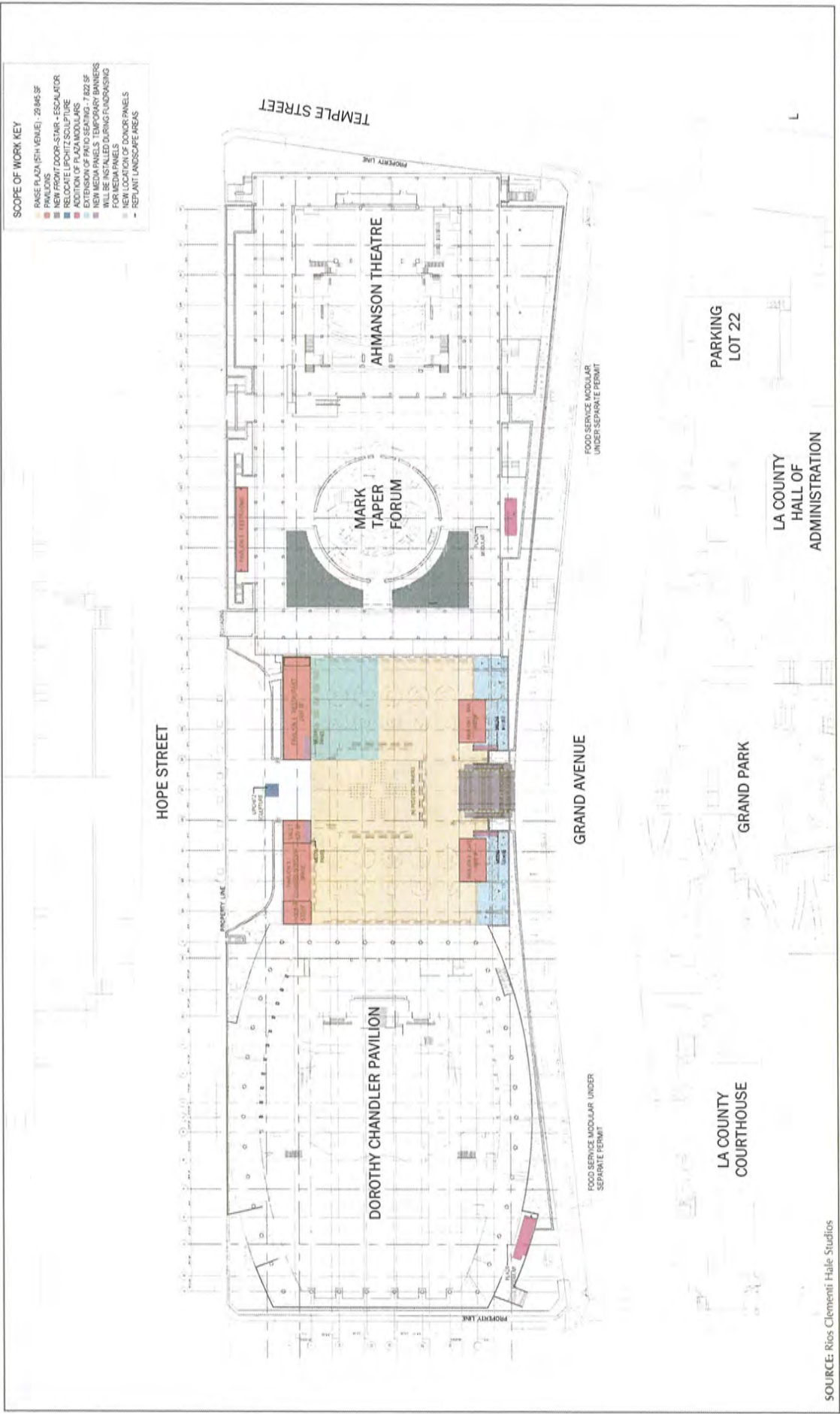
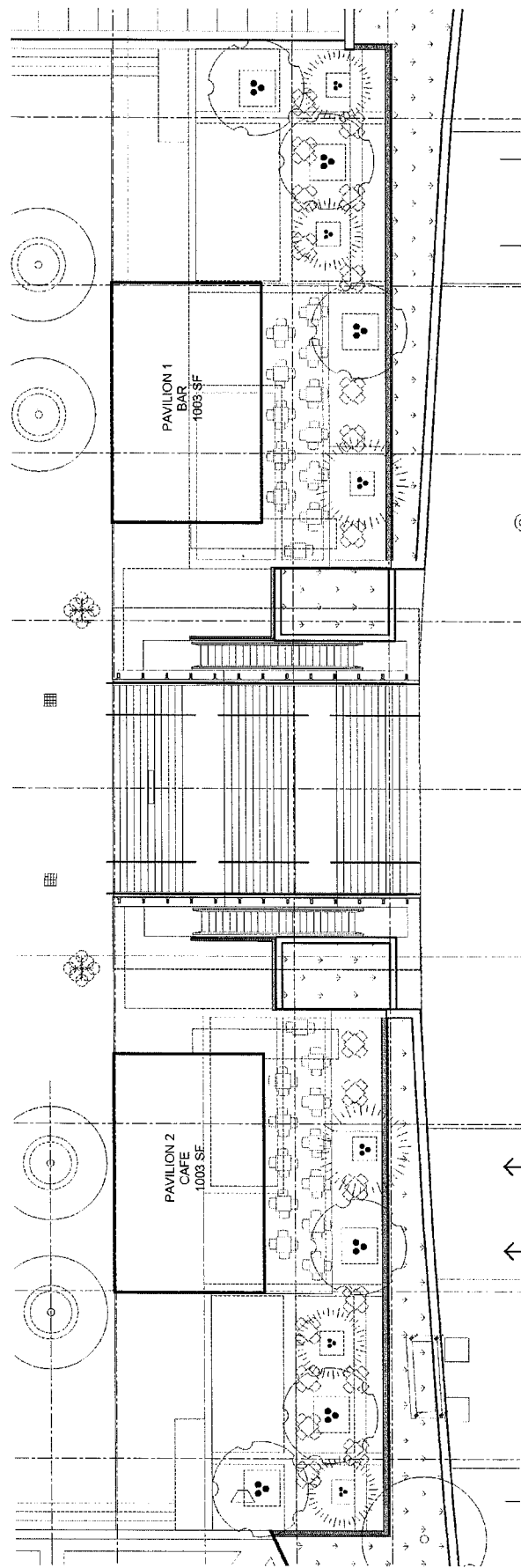
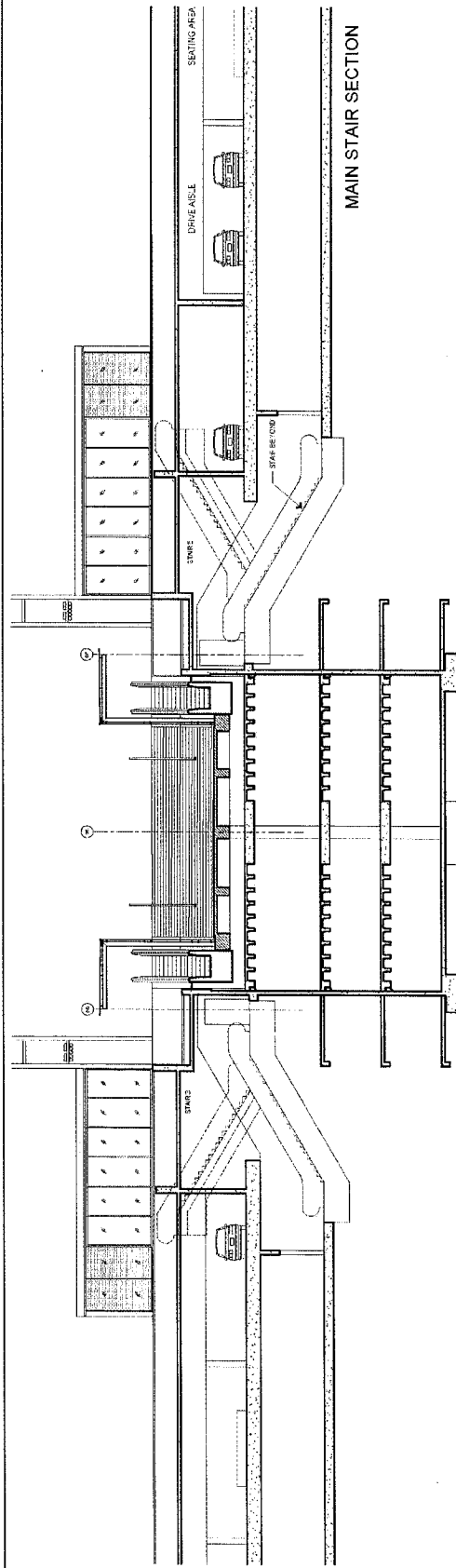


FIGURE 2-1
Project Plans and Renderings

SOURCE: Rios Clementi Hale Studios

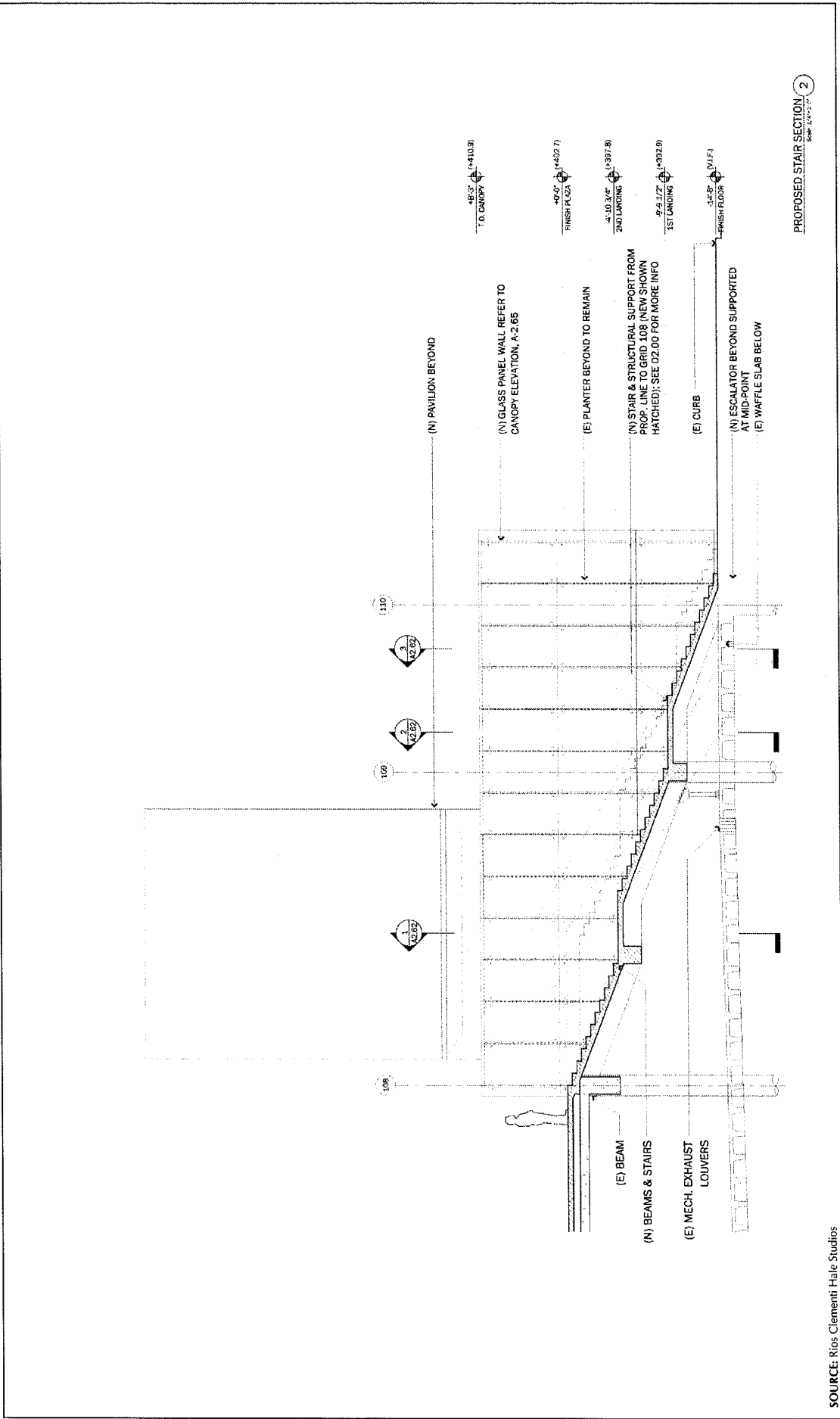




SOURCE: Rios Clementi Hale Studios

FIGURE 2-1
Project Plans and Renderings





SOURCE: Rios Clementi Hale Studios



FIGURE 2-1
Project Plans and Renderings



Aerial View

SOURCE: Ríos Clementi Hale Studios

FIGURE 2-1
Project Plans and Renderings





Grand Stair View

SOURCE: Ross Clementi Hale Studios

FIGURE 2-1
Project Plans and Renderings



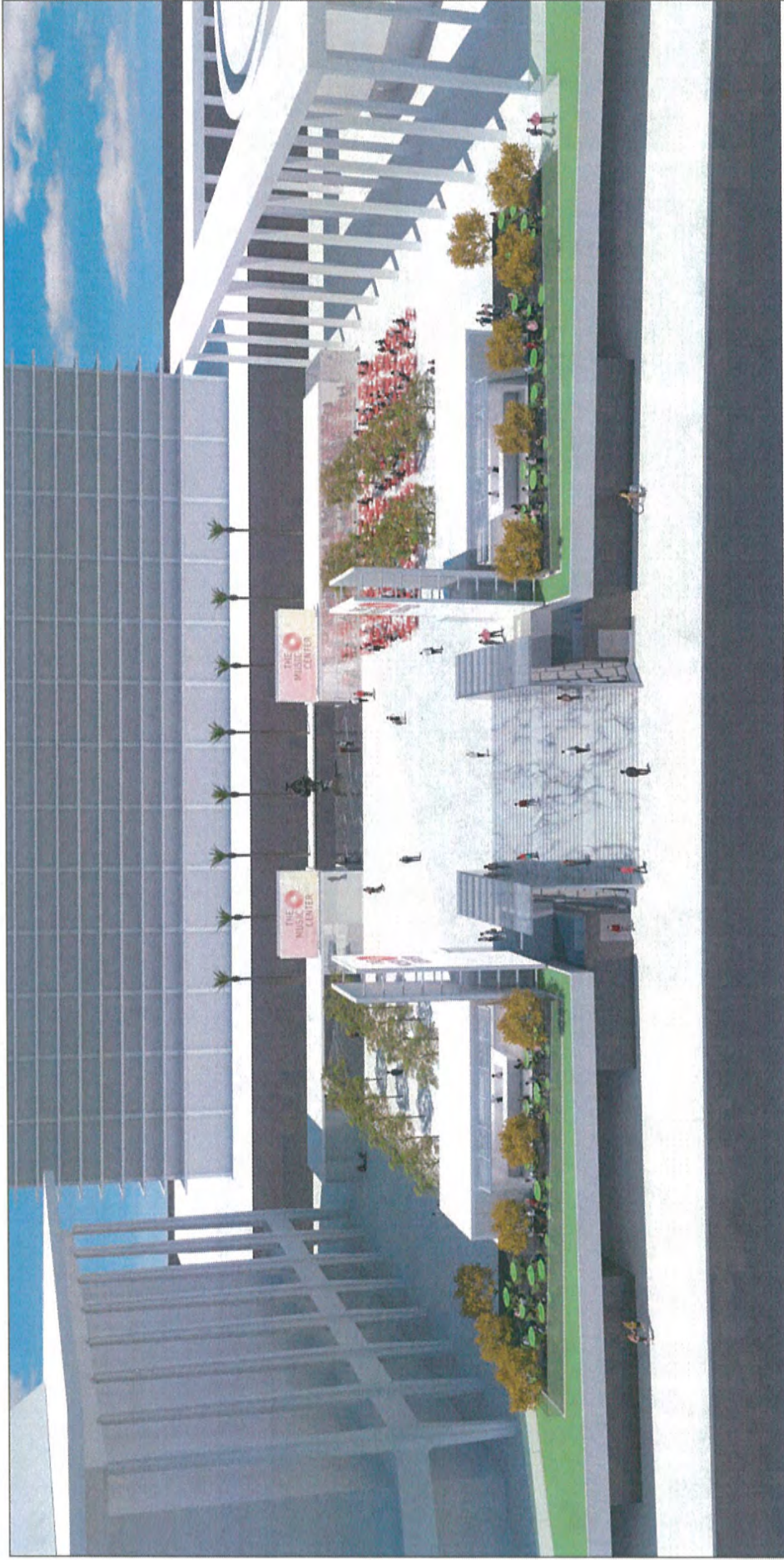


Street View (Grand Avenue)

SOURCE: Rios Clementi Hale Studios

FIGURE 2-1
Project Plans and Renderings





Sculpture Relocation

SOURCE: Rios Clementi Hale Studios

FIGURE 2-1
Project Plans and Renderings





SOURCE: Rios Clementi Hale Studios



FIGURE 2-1
Project Plans and Renderings

Night Performance

Element (3) Music Center Improvements

Grand Avenue Street Level

1. Reconstruct the Staircase That Connects Grand Avenue to the Music Center Plaza. Instead of widening and deepening the staircase to improve access and visual connection between street and plaza, and to allow it to serve as a setting for outdoor performances in conjunction with the Plaza and improved widened Grand Avenue sidewalk, the 2017 refined project would reconstruct the existing Grand Avenue staircase with white terrazzo tile surface so that it is narrower (35'-1") than the existing 49'-6" to 73'-6" wide staircase in order to incorporate two approximately 4-foot-wide flanking escalators, and so that it rises slightly higher to serve the higher level of the proposed Plaza level, an additional approximately 6-3/8" height increase. As with the existing staircase, the reconstructed staircase would be comprised of three separate flights of stairs; the intermediate landings would be 7 feet wide, and all three flights would have ten 14" treads and eleven 5" risers. The two escalators would contain 40" wide steps and have a total vertical rise of 13'-9". The demolition would still consist of removal of the approximately 2,150 square feet (less than 4 percent) of the original material that constitutes the existing staircase. The reconstructed staircase would alter the footprint of the existing staircase by retreating approximately 2'-2" from the Grand Avenue sidewalk area and extending approximately 12'-10" into the Music Center Plaza. Instead of the approved design, which would include removal of an approximately 480 square feet of polished gray granite veneer that flanks the planters on either side of the staircase, the 2017 refined project would maintain the existing planters that flank the existing staircase and reduce the removal of the gray granite veneer to 160 square feet to provide a new opening from each of the existing garage stair/escalators to the Grand Avenue sidewalk. Instead of the approved design, which would include new linear water features along the north and south margins of the stair that would be extended along the side of the upper landing into the Plaza area, the 2017 refined project would include escalators connecting the Grand Avenue sidewalk to the revised Plaza elevation along the north and south edges of the stair. Circulation within the existing parking garage would remain unchanged to Street Level, and the existing stair and escalator flights from Garage Level P1 to the existing Plaza level would be replaced by the new stairs and escalators. The 2017 refined project would also involve relocation of the 1978 Robert Graham Dance Door sculpture to a location adjacent to the new stair and escalator in the Grand Park overlook garden at the Café Pavilion (see 4. *Additional Garden Spaces*, below).

Music Center Plaza Level

2. Create New Donor Recognition Opportunities. As with the approved project, the 2017 refined project would involve relocation of the granite placards with Music Center donor names from the perimeter of the Music Center Plaza to additional architectural elements, such as a donor wall, water feature, or plaza paving, as well as installation of glass elements with names etched in the glass in the sides of the Grand Avenue staircase. The 2017 refined project would involve installation of glass wall elements with etched donor names at two locations instead of three: (1) two etched glass panel wall elements between the Grand Avenue staircase and each flanking escalator and (2) two etched glass panel wall elements at Pavilions 1 and 2 near Hope Street (see renderings in Figure 2-1). No names would be etched into backlit glass panels installed in the floor surface of the new raised plaza surface. The grey benefactor plaques near Grand Avenue would be removed and safely stored off-site at the beginning of construction, then permanently re-mounted on the new Pavilion buildings prior to completion of construction.

3. Plaza Improvements. As described in the approved project, the existing depressed area of the Music Center Plaza would be raised by approximately 20 inches with new pedestal pavers in order to bring it flush with the existing fountain and provide enhanced safety for patrons traversing the Plaza at night, accessibility for the disabled across the plaza, accessibility to Plaza amenities, and improved route of travel to the three performing arts venues. The 2017 refined project would have a revised construction scenario for the raising of the plaza involving the removal of 26,938 square feet of the existing cast in place decorative concrete topping slab and existing cast in place decorative terrazzo accent bands, due to the infeasibility of either keeping this material in place, or removing and storing. As with the approved project, the 2017 refined project would require the removal of up to 48 percent of terrazzo tiles within the Music Center Plaza. The 2017 refined project would preserve more of the existing terrazzo at the edge of the stairs within the Plaza than the approved project. The 2017 refined project would involve renovation of the existing fountain in the center of the Plaza. Four historic light posts at the four inner corners of the Plaza would be relocated elsewhere within the Music Center Plaza. The 2017 refined project would also involve relocation of the approximately 50-foot-high 1969 Jacques Lipchitz *Peace on Earth* sculpture from the center of the Plaza toward the western edge of the plaza on the existing axis in order to maintain its visibility and prominence. The 2017 refined project would involve replacing the 20 existing Indian laurel fig (*Ficus microcarpa*) trees in the Music Center Plaza with new ornamental landscape trees at the same location as the existing planters.

4. Additional Garden Spaces. As with the approved project, the 2017 refined project would involve removal of the donor placards and associated walls to enhance visibility of the garden spaces, as well as creation of up to 7,000 square feet of additional garden areas on the plaza to break the concrete area into a more inviting public space. The 2017 refined project would locate the additional garden space, consisting of a decomposed granite seating area with drought-tolerant plant material softscape at the Plaza level along Grand Avenue.

5. Kiosks and Additional Service Amenities. As with the approved project, the 2017 refined project would involve the replacement of the existing Spotlight Café kiosk structure, bar and grill kiosks, and valet/hospitality kiosk with new structures of similar dimensions; creation of up to two small new retail and/or food service opportunities at the Plaza level, one near each of the two escalator entrances; and new utility connections under the Plaza at six locations.

Electronic Media Panels. Instead of relocating banners that are currently hung from the buildings and viewed as visual clutter to permanent banner poles, the 2017 refined project would include the installation of four new approximately 40-foot-high electronic media panels to display digital media on pixels of LED lights, which would be perpendicular to Grand Avenue on the eastern side of the Plaza and parallel Hope Street on the western side of the Plaza. The LED panels at Pavilions 1 and 2 (near Grand Avenue) would be comprised of a modular Standard Vision Vertical Blade with a 20 millimeter horizontal spacing and a maximum brightness rating of 6,000 nits (calibrated).⁵ The LED panels at Pavilions 3 and 4 (near Hope Street) would be comprised of a modular Standard Vision 400T panel with a 5.00 millimeter horizontal spacing and a maximum brightness rating of 5,000 nits. The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two.

⁵ Nits are a unit to measure a screen's brightness or luminance, defined as candelas per square meter.

The existing temporary structures at the Music Center Plaza and in the vicinity of the Dorothy Chandler Pavilion and Mark Taper Forum would be replaced by up to five pavilions, each ranging from 850 square feet to 2,500 square feet, with a not to exceed 6,421 square feet that may be distributed as follows:

- (a) An approximately 1,003-square-foot bar to the north of the Grand Avenue staircase providing seating on the Plaza.
- (b) An approximately 1,003-square-foot café to the south of the Grand Avenue staircase providing seating on the Plaza.
- (c) An approximately 1,065-square-foot Welcome Center with a covered outdoor area sheltering an information desk, ticket kiosk, and valet parking service at the southern portion of the existing turnout on Hope Street.
- (d) An approximately 2,500-square-foot restaurant with a kitchen and outdoor seating, located toward the northern portion of the existing turnout on Hope Street. The existing turnout on Hope Street would be utilized as valet parking. The valet structure would provide security services.
- (e) An approximately 850-square-foot restroom building on the west side of the Mark Taper Forum.

In addition, three food service modulares will be provided along the Grand Avenue side of the Music Center: one approximately 500-square-foot modular at the southeast corner of the Dorothy Chandler Pavilion, one approximately 500-square-foot modular on the east side of the Mark Taper Forum, and one approximately 650-square-foot modular at the Times Mirror Court.

6. Education Space. Under the 2017 project refinement, this element is being removed from the scope of the project. Additionally, because the proposed education space is being removed from the scope of the project, the proposed restroom facilities located within that building would also be removed from the refined project.

7. Relocation and Upgrade of Restroom Facilities. Under the 2017 project refinement, the proposed permanent restroom building is described above as 6(e). The 2017 refined project would reduce the size of the restroom from 1,600 to 850 square feet but would be in the same location as described for the approved project.

Figure 2-2, *Mollenhauer Survey of Existing Conditions in September 2002*, shows the existing conditions at the Music Center Plaza site in 2002 before work efforts on the approved project commenced. Figure 2-3, *Aerial Imagery of 2016 Existing Conditions*, shows the existing conditions at the Music Center Plaza site in 2016 after completion of the project elements listed as already constructed in Table 2-1.

The existing Grand Avenue staircase is comprised of three separate flights of stairs with 6-foot intermediate landings. The first flight of stairs is 64'-2" wide at the street level sidewalk and narrows down to 49'-6" at the fifth tread between existing planters; it contains seven 12" treads and eight 5-7/8" risers. The second flight of stairs is 49'-6" wide between the planters; it contains ten 12" treads and eleven 5-7/8" risers. The third flight of stairs widens to 73'-6" and contains seven 12" treads and eight 5-7/8" risers.

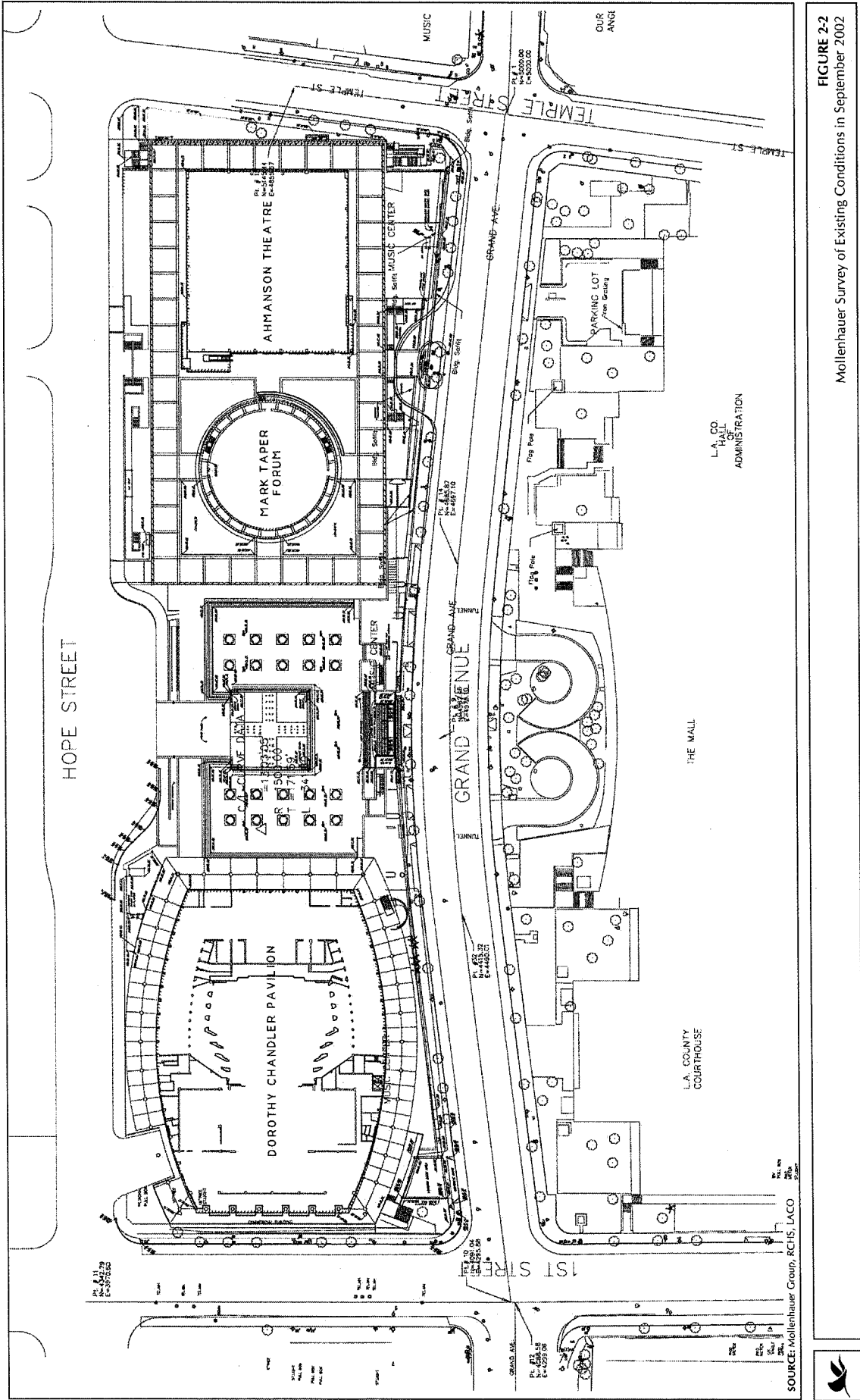


FIGURE 2-2
Mollenhauer Survey of Existing Conditions in September 2002





SOURCE: Google Earth



FIGURE 2-3
Aerial Imagery of 2016 Existing Conditions

CONSTRUCTION SCENARIO

The construction scenario for the Music Center Improvements element of the approved project would be slightly modified to accommodate the following project refinements:

1. Reconstruct the Staircase That Connects Grand Avenue to the Music Center Plaza. Instead of remodeling the staircase, the 2017 refined project would involve demolishing the existing staircase and reconstructing a new Grand Avenue staircase with white terrazzo tile surface and two approximately 4-foot wide flanking escalators. The demolition would still consist of removal of the approximately 2,150 square feet (less than 4 percent) of the original material that constitutes the existing staircase. Instead of the approved design, which would include removal of an approximately 480 square feet of polished gray granite veneer that flanks the planters on either side of the staircase, the 2017 refined project would maintain the existing planters that flank the existing staircase and reduce the removal of the gray granite veneer to 160 square feet to provide a new opening from each of the existing garage stair/escalators to the Grand Avenue sidewalk. The 2017 refined project would also involve relocation of the 1978 Robert Graham Dance Door sculpture to a location adjacent to the new stair and escalator in the Grand Park overlook garden at the Café Pavilion (see 4. *Additional Garden Spaces*, above).

2. Create New Donor Recognition Opportunities. The grey benefactor plaques near Grand Avenue would be removed and safely stored off-site at the beginning of construction, then permanently remounted on the new Pavilion buildings prior to completion of construction.

3. Plaza Improvements. The 2017 refined project would have a revised construction scenario for the raising of the plaza involving the removal of 26,938 square feet of the existing cast in place decorative concrete topping slab and existing cast in place decorative terrazzo accent bands, due to the infeasibility of either keeping this material in place, or removing and storing. As with the approved project, the 2017 refined project would require the removal of up to 48 percent of terrazzo tiles within the Music Center Plaza. The 2017 refined project would preserve more of the existing terrazzo at the edge of the stairs within the Plaza than the approved project. The 2017 refined project would involve renovation of the existing fountain in the center of the Plaza. The 2017 refined project would also involve relocation of the approximately 50-foot-high 1969 Jacques Lipchitz *Peace on Earth* sculpture from the center of the Plaza toward the western edge of the plaza on the existing axis in order to maintain its visibility and prominence.

4. Additional Garden Spaces. As with the approved project, the 2017 refined project would involve removal of the donor placards and associated walls to enhance visibility of the garden spaces, as well as creation of up to 7,000 square feet of additional garden areas on the plaza to break the concrete area into a more inviting public space. The 2017 refined project would locate the additional garden space, consisting of a decomposed granite seating area with drought-tolerant plant material softscape, at the Plaza level along Grand Avenue.

5. Kiosks and Additional Service Amenities.

Electronic Media Panels. Instead of relocating banners that are currently hung from the buildings and viewed as visual clutter to permanent banner poles, the 2017 refined project would include the installation of four new approximately 40-foot-high electronic media panels to display digital media on pixels of LED lights, which would be perpendicular to Grand Avenue on the eastern side of the Plaza and parallel to Hope Street on the western side of the Plaza. The media panels may be

installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two.

Best Management Practices

Best management practices would be implemented, consistent with the Los Angeles County Department of Public Works' *Construction Site Best Management Practices (BMPs) Manual*. The requirements of a site and project specific geotechnical investigation and recommendations would be referenced on the project plans. Equipment maintenance notes would be provided on the project plans to maintain low noise levels during construction. Maintenance of pedestrian access within the proposed areas of work would be noted on the project plans to minimize pedestrian traffic effects, and a requirement to maintain access to garages, access for emergency response personnel, emergency access routes, and Americans with Disabilities Act (ADA) access would be noted on the project plans. A requirement to identify and mark existing utilities, a requirement to pothole existing utility mains, and a requirement to comply with waste management practices per current codes would be noted on the project plans.

MITIGATION MEASURES

No additional mitigation measures would be implemented for the project refinements. Nineteen of the 58 mitigation measures included in the Mitigation Monitoring Plan (MMP) for the approved project are directly applicable to the 2017 project refinements (Table 2-2, *Applicable Mitigation Measures for 2017 Refined Project*; see Appendix A, *Mitigation Monitoring Plan*).⁶

⁶ County of Los Angeles Chief Administrative Office, October 2002. *Mitigation Monitoring Plan: Grand Avenue and Environs Project*. Contact: Contact: Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, CA 90012. Prepared by: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

**TABLE 2-2
APPLICABLE MITIGATION MEASURES FOR 2017 REFINED PROJECT**

Environmental Issue Area	Mitigation Measure in 2002/MMP	Revisions to Mitigation Measure (Y/N)
Aesthetics	Aesthetic-1	Yes. Additional language: "Emerging technologies shall be utilized that introduce antireflective coatings or technological innovations that will effectively reduce the refractive index of the architectural glass."
Air Quality	Air-10 Air-11	No
Biological Resources	Biota-1	Yes. Additional language in bold : "Prior to completion of final plans and specifications for the Grand Avenue Realignment element and the Music Center Improvements element of the project, the County of Los Angeles Department of Public Works shall review the final plans and specifications to ensure that the contractor is apprised of the requirements of the Migratory Bird Treaty Act and encouraged to remove the Mature Trees and existing trees in the Music Center Plaza outside of the breeding season."
Cultural Resources	Cultural-1 Cultural-2	No
Geology and Soils	Geology-8	No
Hazards and Hazardous Materials	Hazards-1 Hazards-2	No
Noise	Noise-2 Noise-3 Noise-4	No
Public Services	Public Services-1 Public Services-2 Public Services-3	No
Transportation and Traffic	Transportation-7	No. Transportation-7 as revised under Addendum No. 1 to the EIR.
Utilities and Service Systems	Utilities-1 Utilities-2 Utilities-3	No

NOTE: Measure Transportation-7 was revised under Addendum No. 1 to include the following language: "Prior to construction, the County of Los Angeles Chief Administrative Office shall ensure that all County properties on Grand Avenue, including the Hall of Administration, County Courthouse, and the Music Center, will distribute information to employees and visitors on alternate parking locations and travel routes." The revisions to this mitigation measure are applicable to the 2017 refined project.

Thirty-nine original mitigation measures (40 mitigation measures with Addendum No. 3) were determined to not be directly applicable to this element of the project (Table 2-3, *Mitigation Measures Inapplicable to 2017 Refined Project*).

**TABLE 2-3
MITIGATION MEASURES INAPPLICABLE TO 2017 REFINED PROJECT**

Environmental Issue Area	Mitigation Measure in 2002 MMP	Reason Mitigation Measures is not Applicable
Air Quality	Air-1 Air-2 Air-3 Air-4 Air-5 Air-6 Air-7 Air-8 Air-9	No grading is involved in the Music Center Improvements element of project.
Biological Resources	Biota-1	Measure is specific to Grand Avenue Realignment element of project.
Cultural Resources	Cultural-3 Cultural-4 Cultural-5 Cultural-6 Cultural-7 Cultural-8 Cultural-9 Cultural-10	Measures are specific to other elements of the project not included in the scope of this element: <ul style="list-style-type: none"> • Cultural-3 is specific to the renovation of the lower level restaurant and construction of the education space. • Cultural-4, 6, and 8 are not applicable because they are specific to the grading and footings for the elevated section of Grand Avenue. • Cultural-5, 7, and 9 are not applicable because they are specific to the Education Space element of project. • Cultural-10 is not applicable because it is specific to the scope detailed in Addendum No. 3 to the EIR.
Geology and Soils	Geology-1 Geology-2 Geology-3 Geology-4 Geology-5 Geology-6 Geology-7 Geology-9 Geology-10	Measures are specific to other elements of the project not included in the scope of this element: <ul style="list-style-type: none"> • Geology-1 is specific to seismic retrofit for the bridge section of the Grand Avenue Roadway Realignment element of project. • Geology-2, 3, 4, 5, and 6 are specific to measure is specific to geologic hazards and soil erosion for the Grand Avenue Roadway Realignment element of project. • Geology-7 is specific to seismic safety for the County Mall Pedestrian Improvements element of project. • Geology-9 and 10 are specific to Education Center element of project.
Hazards and Hazardous Materials	Hazards-3	Measure is specific to Grand Avenue Realignment and County Mall Pedestrian Improvements elements of the project.
Hydrology and Water Quality	Hydro-1 Hydro-2 Hydro-3 Hydro-4	Measures are specific to other elements of the project not included in the scope of this element: <ul style="list-style-type: none"> • Hydro-1, 2, and 4 are specific to the Grand Avenue Roadway Realignment element of project. • Hydro-3 is specific to the Grand Avenue Roadway Realignment and County Mall Pedestrian Improvements elements of project.

**TABLE 2-3
MITIGATION MEASURES INAPPLICABLE TO 2017 REFINED PROJECT**

Environmental Issue Area	Mitigation Measure in 2002 MMP	Reason Mitigation Measures is not Applicable
Noise	Noise-1	Measure is specific to equipment maintenance for the Grand Avenue Realignment element of the project.
Public Services	Public Services-4	Measure is specific to completed Grand Avenue Realignment element of the project.
Transportation and Traffic	Transportation-1 Transportation-2 Transportation-3 Transportation-4 Transportation-5 Transportation-6	Measures are specific to other elements of the project not included in the scope of this element: <ul style="list-style-type: none"> • Transportation-1 is specific to completed Grand Avenue Realignment and County Mall Pedestrian Improvements elements of project. • Transportation-2 and 5 are specific to completed Walt Disney Concert Hall element of project. • Transportation-3 is specific to access to facilities beyond the limits of this element of project. • Transportation-4 is specific to completed Grand Avenue Realignment element of project. • Transportation-6 is specific to ADA access at the pedestrian tunnel beyond the limits of this element of project.

NOTE: Measure Cultural-10 was added under Addendum No. 3 for the exterior renovations to Otto's Grill: "Prior to construction, the County of Los Angeles Chief Administrative Office and the County of Los Angeles Department of Public Works shall check the plans and specifications for the exterior remodel of Otto's Grill to ensure that all improvements conform to the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings (Standards)*. Approval by the County of Los Angeles Chief Administrative Office is required prior to remodel implementation." This mitigation measure is not applicable to the 2017 refined project.

SECTION 3.1 AESTHETICS

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the Grand Avenue and Environs Project (project). The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR) determined that significant impacts related to aesthetics would be reduced below the level of significance through implementation of Mitigation Measure Aesthetic-1. Based on the analysis, it has been determined that the refinements to the project do not constitute a “substantial change” under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.1, *Aesthetics*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of Mitigation Measure Aesthetic-1. Sapphos Environmental, Inc. reviewed the California Department of Transportation’s (Caltrans’) Scenic Highway Program designations, the Los Angeles County General Plan 2035, the City of Los Angeles General Plan, previously published information regarding the visual character of the 2017 refined project site, including light and glare, aerial imagery, Google Earth street view, and a review of conceptual elevations and site plans (see Figure 2-1, *Project Plans and Renderings*).^{1,2,3} A site visit was conducted in 2016 to characterize the area from 36 key observation points (KOPs; Figure 3.1-1, *2016 Existing Conditions*).

¹ California Department of Transportation. Accessed 26 September 2016. Eligible (E) and Officially Designated (OD) Routes. California Scenic Highway Program. Available at: http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/scenic_hwy.htm

² Los Angeles County Department of Regional Planning. Adopted 6 October 2015. *Los Angeles County General Plan 2035*. Available at: <http://planning.lacounty.gov/generalplan/generalplan>

³ City of Los Angeles Department of City Planning. September 2001. *City of Los Angeles Conservation Element*. Section 15: Land Form and Scenic Vistas. Available at: <http://cityplanning.lacity.org/cwd/gnlpln/consvelt.pdf>

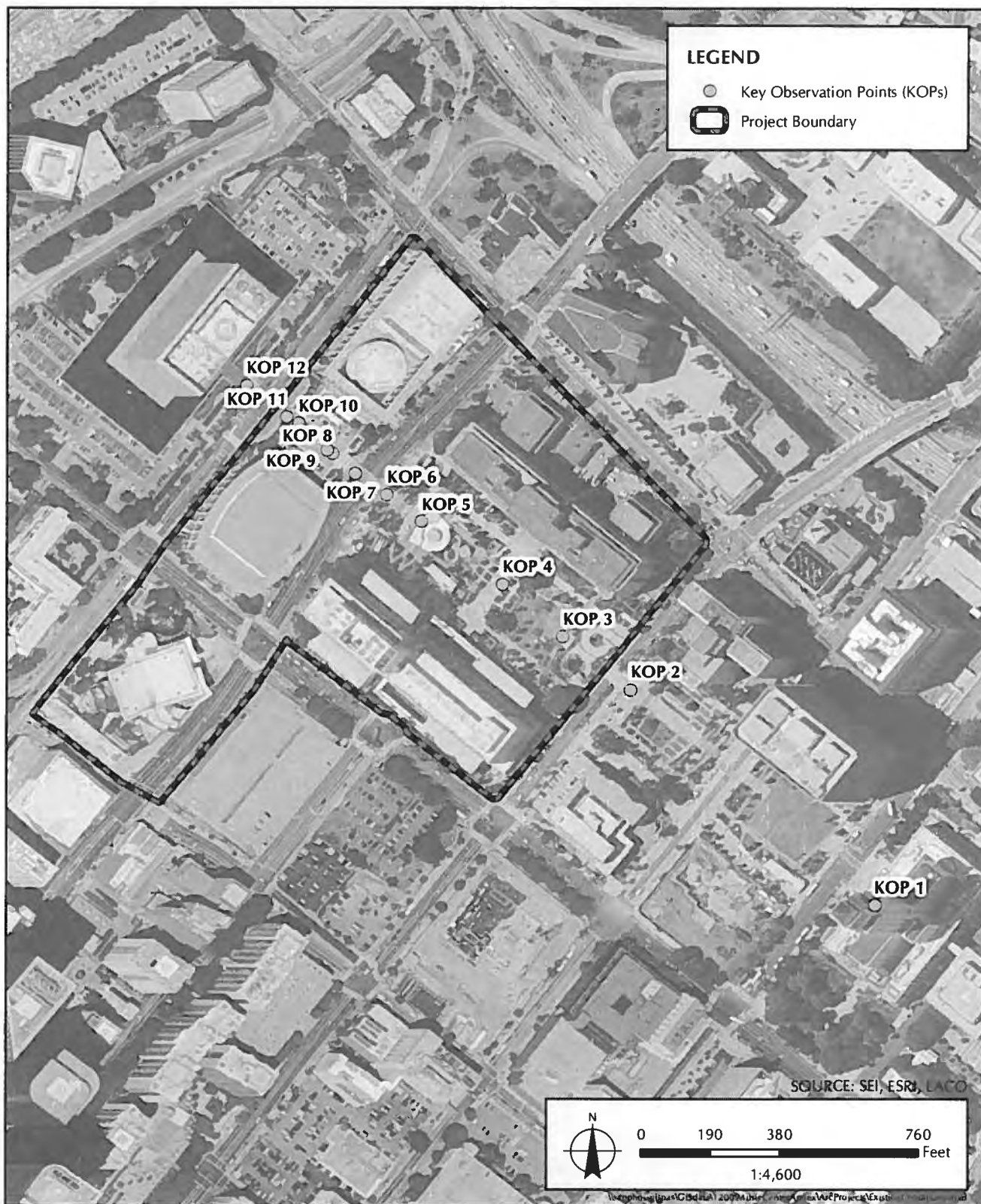


FIGURE 3.1-1a
2016 Existing Conditions- Overall Project Area

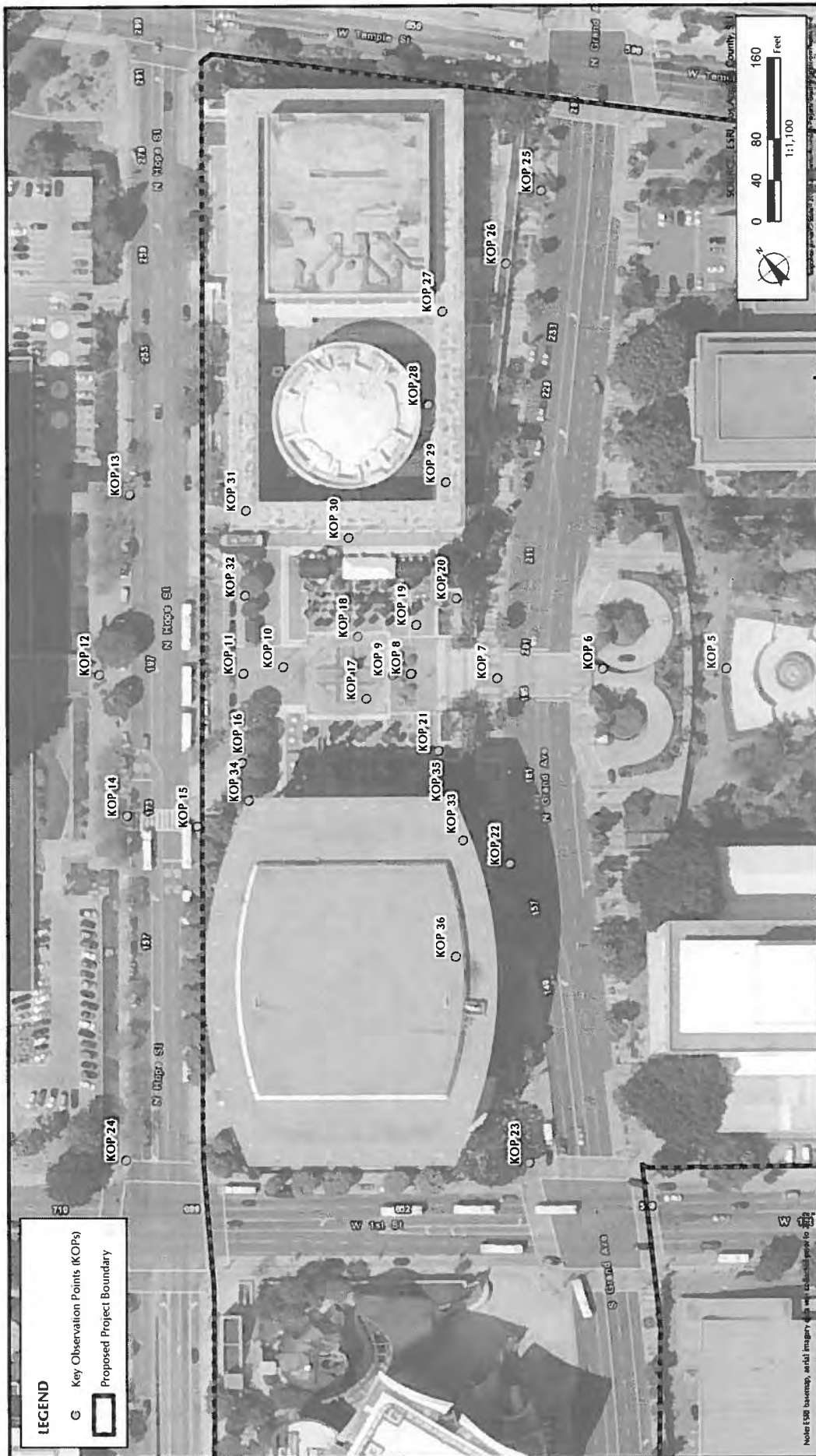


FIGURE 3.1-1b
Existing Conditions- 2017 Refined Project Focus Area



GRAND AVENUE AND ENVIRONS PROJECT
ADDENDUM NO. 4 TO THE FINAL ENVIRONMENTAL IMPACT REPORT

STATE CLEARINGHOUSE NUMBER 2001101166

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APPENDIX

A Mitigation Monitoring Plan

SECTION 1.0 INTRODUCTION

This Addendum No. 4 to the Final Environmental Impact Report (EIR) is prepared pursuant to and in compliance with Section 15164 of the California Environmental Quality Act (CEQA) Guidelines for minor refinements to the Music Center Improvements element of the Grand Avenue and Environs Project (project) being undertaken by The Music Center and subject to approval by the County of Los Angeles (County). The project was approved by the County Board of Supervisors, which certified the Final EIR on October 8, 2002.¹ In addition, the Board of Supervisors adopted a Findings of Fact and Statement of Overriding Considerations, which determined that the economic, legal, social (recreational and educational), technological, and other benefits of implementing the project outweigh and override the unavoidable adverse effects of the project, including impacts to air quality, cultural resources, noise, and transportation/traffic.²

Addendum No. 4 describes refinements to the Music Center Improvements element of the project to address refinements including leveling and refinishing the Music Center Plaza surface, reconstructing the existing Grand Avenue staircase with a new stair flanked on both sides by donor panels and escalators, moving the approximately 50-foot-tall "Peace on Earth" Lipchitz sculpture in the center of the Music Center Plaza along its axis towards Hope Street, and installation of four approximately 40-foot high electronic media panels. It would involve the replacement of the existing 20 trees within existing planters that would remain in the Music Center Plaza. It would not involve the removal of the existing fountain in the center of the Music Center Plaza. The impacts previously identified in the Final EIR would not change as a result of these refinements, nor would there be any new or substantially more adverse impacts.

BACKGROUND

The primary objective of the Music Center Improvements element of the proposed project is to create a more welcoming and safer pedestrian environment for the broad range of visitors to the Music Center campus in the following ways:

- Make the Music Center more welcoming to diverse audiences
- Better accommodate educational programming that currently occurs at the Music Center
- Improve the visibility of the Music Center from Grand Avenue to encourage use of the public open space provided by the Music Center Plaza
- Improve transit access to the Music Center campus
- Improve pedestrian safety within the Music Center Plaza
- Beautify the Music Center Plaza for patron enjoyment
- Improve pedestrian access to the Music Center
- Create outdoor performance areas in conjunction with the Music Center

¹ County of Los Angeles Chief Administrative Office, 8 October 2002. *Final Environmental Impact Report Grand Avenue and Environs Project*. Contact: Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, CA 90012. Prepared by: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

² County of Los Angeles Chief Administrative Office, 8 October 2002. *Environmental Findings of Fact and Statement of Overriding Considerations*. Contact: Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, CA 90012. Prepared by: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

- Enhance plaza amenities (dining, restrooms, seating, valet parking, hospitality, etc.) in conjunction with the Music Center
- Improve Music Center operations (utility, infrastructure, storage, plaza surface)

PURPOSE

The purpose of Addendum No. 4 to the Final EIR is to document technical changes and additions to the project description. The analysis evaluates whether there is a substantial change in the project requiring major revisions, a substantial change in circumstances requiring major revisions, or new information showing greater significant impacts. The Appendix G checklist for an Initial Study was modified for use in the Addendum analysis. Instead of asking whether the project would have "potentially significant" impacts, the checklist questions were modified consistent with the State CEQA Guidelines on addenda to ask whether there was a substantial change in the project requiring major revisions of the prior EIR, or a substantial change in circumstances requiring major revisions to the EIR, or new information showing new or more severe significant impacts. As none of the conditions described in Section 15162 of the State CEQA Guidelines calling for preparation of a Subsequent EIR have occurred, it is understood that The Music Center, in consultation with the County of Los Angeles, has determined an Addendum to the previously certified EIR and Addenda to be the appropriate environmental compliance document. None of the changes to the project description would result in a change to the environmental impact analysis undertaken in the certified Final EIR, as amended by Addenda Nos. 1, 2, and 3 to the EIR.

Addendum No. 4 to the Final EIR is being prepared for the Lead Agency designated by the State of California as defined in Section 15367 of the CEQA Guidelines. The County of Los Angeles is the Lead Agency with regard to all County-owned properties. The County of Los Angeles does not anticipate a federal action, as defined by the National Environmental Policy Act (NEPA), such as the receipt of federal funds, for the phase of work addressed in the Addendum.

SECTION 2

PROJECT DESCRIPTION

This section describes in detail the refinements to the project description associated with the Music Center Improvements element of the project.

GOALS AND OBJECTIVES

The goal of the Grand Avenue and Environs Project (project) is to create a more welcoming environment for the community and visitors to the Music Center campus, including the Walt Disney Concert Hall, as well as the Cathedral of Our Lady of the Angels and the County of Los Angeles Mall. The County of Los Angeles Mall has been redesigned as Grand Park, an approximately 12-acre space spanning from Spring Street to Grand Avenue, along an axis between the City Hall West building and the Music Center Campus. Construction of Grand Park started in 2010, and the public space reopened to the public as Grand Park in 2012. The existing Arthur J. Will Fountain was retained in the redesign of the public space.

As described in the 2002 certified EIR, the project consists of three distinct elements: (1) Grand Avenue Realignment project along the Grand Avenue right-of-way between Temple Street and just south of Second Street and the immediately adjacent sidewalk at street level; (2) County of Los Angeles Mall Pedestrian Improvements facing Grand Avenue; and (3) Music Center Improvements. Distinct objectives were defined for each of the three elements of the project. This Addendum to the EIR is considered in light of the objectives defined for element (3).

Music Center Improvements

The Music Center Improvements are intended to create a more welcoming and a safer pedestrian environment for the broad range of visitors to the Music Center campus in the following ways:

- Make the Music Center more welcoming to diverse audiences
- Better accommodate educational programming that currently occurs at the Music Center
- Improve the visibility of the Music Center from Grand Avenue to encourage use of the public open space provided by the Music Center Plaza
- Improve transit access to the Music Center campus
- Improve pedestrian safety within the Music Center Plaza
- Beautify the Music Center Plaza for patron enjoyment
- Improve pedestrian access to the Music Center
- Create outdoor performance areas in conjunction with the Music Center
- Enhance plaza amenities (dining, restrooms, seating, valet parking, hospitality, etc.) in conjunction with the Music Center
- Improve Music Center operations (utility, infrastructure, storage, plaza surface)

BACKGROUND – PROJECT AS PREVIOUSLY APPROVED

The EIR for the approved project was certified in 2002, and Addenda Nos. 1, 2, and 3 to the EIR were approved in 2003 and is referred to in this Addendum as the approved project, or the previously approved project, to distinguish it from the proposed 2017 project refinements which are the subject of this Addendum No. 4. As stated on page 3.4-26 of the Draft EIR for the approved

project, the *Historical Resources Assessment*¹ determined that the renovation of the staircase that connects Grand Avenue to the Music Center Plaza would result in significant impacts to Historical Resources:

The *Historical Resources Assessment* determined that renovation of the staircase that connects Grand Avenue to the Music Center Plaza would demolish physical characteristics identified as contributing elements to the Music Center that justify its inclusion in, or eligibility for inclusion in the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would constitute a significant impact to historical resources, requiring the consideration of mitigation measures or alternatives. The existing stairway connecting the Music Center to Grand Avenue would be widened and deepened to improve access and visual connection between street and plaza, and to allow it to serve as a setting for outdoor performances in conjunction with the Plaza and improved, widened Grand Avenue sidewalk. The demolition consists of removal of the approximately 2,500 square feet (4 percent) of the original (or replaced in-kind) material that comprise the existing staircase and the removal of an approximately 480 square feet of polished granite veneer that flanks the planters on either side of the staircase. The renovated staircase would alter the footprint of the existing staircase by extending an additional 7 feet into the Grand Avenue sidewalk area. The proposed design would include new linear water features along the north and south margins of the stair that would be extended along the side of the upper landing into the Plaza area.²

The Final EIR revised the proposed staircase renovation description to state that the proposed staircase would extend an additional **2 feet, 2 inches** into the existing sidewalk, rather than the originally proposed extension of 7 feet, **leaving 8 feet to the curb line**. Increased visibility from Grand Avenue into the Music Center Plaza would be accomplished by extending the landing to the northwest into the plaza.

As stated on pages 3.4-28 to 3.4-30 of the Draft EIR for the approved project, the *Historical Resources Assessment*³ determined that the approved Plaza Improvements would result in significant impacts to Cultural Resources, but the approved Renovation of Garden Spaces, Kiosks and Additional Service Amenities, and Relocation and Upgrade of Restroom Facilities elements would not result in significant impacts to Historical Resources:

Plaza Improvements

The *Historical Resource Assessment* determined that the proposed raising of the recessed portion of the plaza would demolish physical characteristics identified as contributing elements to the Music Center, that justify its inclusion or eligibility for

¹ County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Appendix C: Cultural Resources Technical Report. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

² County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

³ County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Appendix C: Cultural Resources Technical Report. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would constitute a significant impact to historical resources, requiring the consideration of mitigation measures or alternatives. The installation of a raised surface above the plaza area would destroy or obscure approximately 28,660 square feet (48 percent) of original plaza (or replaced in-kind) material. The new plaza surface materials include stone, terrazzo, metal, and glass. The existing recessed area of the Music Center Plaza would be covered with a raised surface located approximately 20 inches above the original paving material. Raising the floor of the Music Center plaza surrounding the fountain would bring it flush with the existing fountain and the venue porticos. The void that would be created between the original surface and the newly raised surface would be used to accommodate mechanical/utility equipment below and improve pedestrian circulation and accessibility.

The double tree rows that presently flank the fountain to the north and south would be retained, although reduced from 10 to 8 trees on either side, and the existing ficus trees would be replaced with Chinese flame trees. The circular raised planters, a character-defining feature would be subsumed by the raised plaza and their location memorialized through the incorporation of their location into the paving pattern.

Renovation of Garden Spaces

The proposed renovation of garden spaces at the Music Center Plaza level would not require the demolition of any of the physical characteristics identified as contributing elements to the Music Center that justify its inclusion or eligibility for the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would not constitute a significant impact to historical resources. Donor placards currently hide existing garden areas on the Plaza. The donor placards and associated walls would be removed to enhance visibility of garden spaces. Approximately, 12,900 feet (87 percent) of existing planted garden space on the east edge of the Music Center Plaza would be replanted. The remaining 2,000 square feet (13 percent) would be replaced with small "pocket parks," adjacent to the existing stairs and escalators. The conversion of 2,000 square feet of planter to "pocket parks" would be partially offset by a new strip planter of approximately 350 square feet that would be added to the southeastern edge of the Music Center Plaza above the loading east dock.

As discussed above, although original plant material no longer exists, the intent of the design is still expressed. Retention of the original hardscape features and edge planter footprint, along with replanting in a manner closer to the original scheme would comply with the Standards and would not result in significant impacts. The planter strip added above the loading dock would be constructed of materials compatible with the original, is consistent with the original design, and would not result in a significant impact.

The glass donor placards proposed for installation on northwestern edge of the plaza would measure 20 feet long by 1 foot wide and 5 feet-high. The proposed location would not obscure views through the site to the DWP building, located northwest of the Music Center; nor would their placement obscure views from the

Department of Water and Power to the Music Center or through the Music Center to City Hall, which is located southeast of the Music Center. The placards would require minimal damage or removal of historic fabric. The original donor placards, which are the only placards relating to the period of significance, would be retained in the current design.

Kiosks and Additional Service Amenities

The proposed replacement, relocation, and expansion of the existing kiosks would not require the demolition of any of the physical characteristics identified as contributing elements to Music Center that justify its inclusion or eligibility for the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would not constitute a significant impact to historical resources. In conjunction with proposed improvements, the existing Spotlight Café kiosk structure, bar and grill kiosks, and valet/hospitality kiosk would be replaced by four new permanent structures. The replacement would increase the total area of these facilities by approximately 700 square feet, from the existing 1,825 square feet to 2,500 square feet. The proposed project would also create up to two new small retail and/or food service opportunities at the Plaza level, one near each of the two escalator entrances. These new buildings would be unified by a common architectural vocabulary, which has been designed to blend with the original architecture. The replacement structures would have discrete and low profiles, with the maximum roof elevation located 10 feet above the Music Center Plaza. The new kiosks would incorporate the flat roof and material design of the existing elevator canopies, which were the only ancillary structures included in the original design of the plaza. The exterior of the new structure would be finished mostly in glass with stainless steel trim and, in some areas, siding in a manner that is distinctive from, yet sympathetic to the original material. Glazing and siding material patterns are derived from the predominant existing pattern used throughout the complex. The use of glass would provide a sense of transparency and lightness, ensuring that the new construction does not overpower the contributing character defining historic buildings and features. The new structures would abut the existing elevator enclosures, thereby concentrating building masses in the area currently dedicated to ancillary uses. Located at the edge of the plaza, the kiosks would be separated from all the principal existing Music Center structures, such that the sight lines to the Dorothy Chandler Pavilion, the Mark Taper Forum, and the Ahmanson Theatre would not be obscured, damaged, or destroyed. Construction of the kiosks and service buildings would necessitate removal of less than 1,000 square feet (1 to 2 percent) of the original plaza paving material. Sections of integral planters adjacent to the escalators would also be altered. The amount of historic fabric to be removed is not considered significant within the overall plaza context, and removal of the structures at some point in the future may be accomplished with minimal damage to the historic fabric.

Education Space

The *Historic Resources Assessment* determined that the proposed education space would demolish physical characteristics identified as contributing elements to the Music Center that justify its inclusion or eligibility for the California Register of

Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would constitute a significant impact to historical resources requiring the consideration of mitigation measures. This determination was based on the demolition and physical alteration of the physical characteristics that convey the exceptional importance of the Music Center that would be required to place a two-story building, with a footprint of approximately 5,400 square feet, along the southeastern edge of the Music Center plaza. The second floor of the building would subsume an existing opening of approximately 2,700 square feet at the Music Center Plaza level. The first floor would be located at the Grand Avenue street level and would be largely constructed within a vehicle turnout that is not currently in operation. A portion of the building would be constructed within the garage.

- Removal of 600 square feet of original landscape;
- Removal of 1,600 square feet of original hardscape;
- Removal of two terrazzo stairways;
- Removal of up to 1,500 square feet of polished granite wall veneer and terrazzo fascia;
- Physical alteration of the spatial relationship of the existing structures; and
- Impede the existing views of the Mark Taper Forum and the Ahmanson Theatre from Grand Avenue.

Relocation and Upgrade of Restroom Facilities

The proposed relocation and upgrade of the existing restroom facilities would not require the demolition of any of the physical characteristics identified as contributing elements to the Music Center that justify its inclusion or eligibility for the California Register of Historical Resources or the National Register of Historic Places; therefore, this element of the Music Center Improvements would not constitute a significant impact to historical resources. The existing 1,000-square-foot temporary restroom facility located on the southeastern edge of the Music Center plaza would be replaced with a permanent 1,600-square-foot facility located on the northwestern edge of the Music Center Plaza. The new facility would be located in a less visible and less used area of the Music Center Plaza, which is equally accessible from the Mark Taper Forum as the existing temporary facility. The new construction would be separated from the three principal existing Music Center structures, such that they are not obscured, damaged, or destroyed. The new structures would have discrete and low profiles, with a maximum roof elevation at 10 feet above the Music Center Plaza, such that it would not detract from the adjacent 48-foot tall colonnade. The existing paving and other materials adjacent to the new structures can be mostly maintained in place. The new restroom would be composed of two permanent buildings, a men's restroom and a women's restroom, linked by a breezeway. A second set of restrooms has been incorporated into the Education Space on the southwestern side of the Music Center Plaza.⁴

⁴ County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

PROPOSED PROJECT REFINEMENTS

Several of the activities included in the 2002 certified EIR, as amended by Addenda Nos. 1, 2, and 3, have been completed and a history of the refinements completed as a result of prior Addenda and those proposed by the Music Center Operating Company, on 2017, are summarized in Table 2-1, *Project Refinements*.

The proposed 2017 refinements to the approved project involve leveling and refinishing the Music Center Plaza surface, reconstructing the existing Grand Avenue staircase with a more narrow stair flanked on both sides by donor panels and escalators, moving the approximately 50-foot-tall *Peace on Earth* Lipchitz sculpture in the center of the Music Center Plaza to a garden area along Hope Street on the same axis with the existing placement, and installation of four approximately 40-foot-high electronic media panels. The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two.

The 2017 refined project would involve the replacement of the existing 20 trees within existing planters that would remain in the Music Center Plaza. It would not involve the removal of the existing fountain in the center of the Music Center Plaza. Addendum No. 4 to the EIR involves five changes to the design of the Music Center Improvements element (3) of the approved project (Figure 2-1, *Project Plans and Renderings*).

**TABLE 2-1
PROJECT REFINEMENTS**

Project Elements			Refined in Addendum No. 1 (Y/N)	Refined in Addendum No. 2 (Y/N)	Refined in Addendum No. 3 (Y/N)	Refined in Addendum No. 4 (Y/N)
1) Grand Avenue Realignment	(a) Pedestrian Improvements	Y	Y; Instead of minimum of 48 feet (4 lanes) roadway left in place during construction, minimum of 24 feet (2 lanes) roadway to be left in place during construction.	N	N	N
	i. Widen and Improve Sidewalks along Grand Avenue					
	ii. Pedestrian Street Crossing	Y		N	N	N
	iii. Strengthen Pedestrian Tunnels	Y		N	N	N
	iv. Re-landscape and Redesign Building Entries on the Southeast Side of Grand Avenue	Y		N	Y; As described in the Final EIR, the existing restaurant space located at street level on Grand Avenue of the Music Center (Otto's Grill) will undergo interior and exterior renovations within the existing footprint of the restaurant. The exterior renovations would replace approximately 26 linear feet of granite with glass to enhance window frontage on Grand Avenue within existing restaurant dimensions. However, the design would also incorporate approximately 14 linear feet of new granite, resulting in a net reduction of 12 linear feet. A sidewalk seating area to serve the restaurant space would be created along approximately 140 linear feet of sidewalk in front of the restaurant. The City of Los Angeles has advised that outdoor dining, which is likely to include tables, chairs, and planters, requires a 6-foot unobstructed pedestrian travel area. Outdoor dining would utilize the extra sidewalk space afforded by the realignment of Grand Avenue. The dimensions and spatial relationships for the outdoor dining are clearly defined in Figure 2.1-1 and will in fall within the 6-foot unobstructed pedestrian travel area requirement.	N
	v. Reconfiguration of Parking Lot 22	Y		N	N	N
	i. Section A-A	Y		N	N	N
	ii. Section B-B	Y		N	N	N
	iii. Section C-C	Y		N	N	N
	iv. Section D-D	Y		N	N	N
2) County Mall Pedestrian Improvements	v. Section E-E	Y	N	N	N	N
	vi. Section F-F	Y	N	N	N	N
	(a) Remodel Steps from Grand Avenue to County Mall	Y	N	N	N	N
	(b) Provide Elevator from Grand Avenue to County Mall	Y	N	N	N	N
	(c) Provide Pedestrian Bridge Over Circular Driveways	Y	N	N	N	N
	(a) Grand Avenue Street Level	Y	N	N	N	N
3. Music Center	i. Enhance Building Entries on the Northwest Side of Grand Avenue	Y	N	N	N	N

**TABLE 2-1
PROJECT REFINEMENTS**

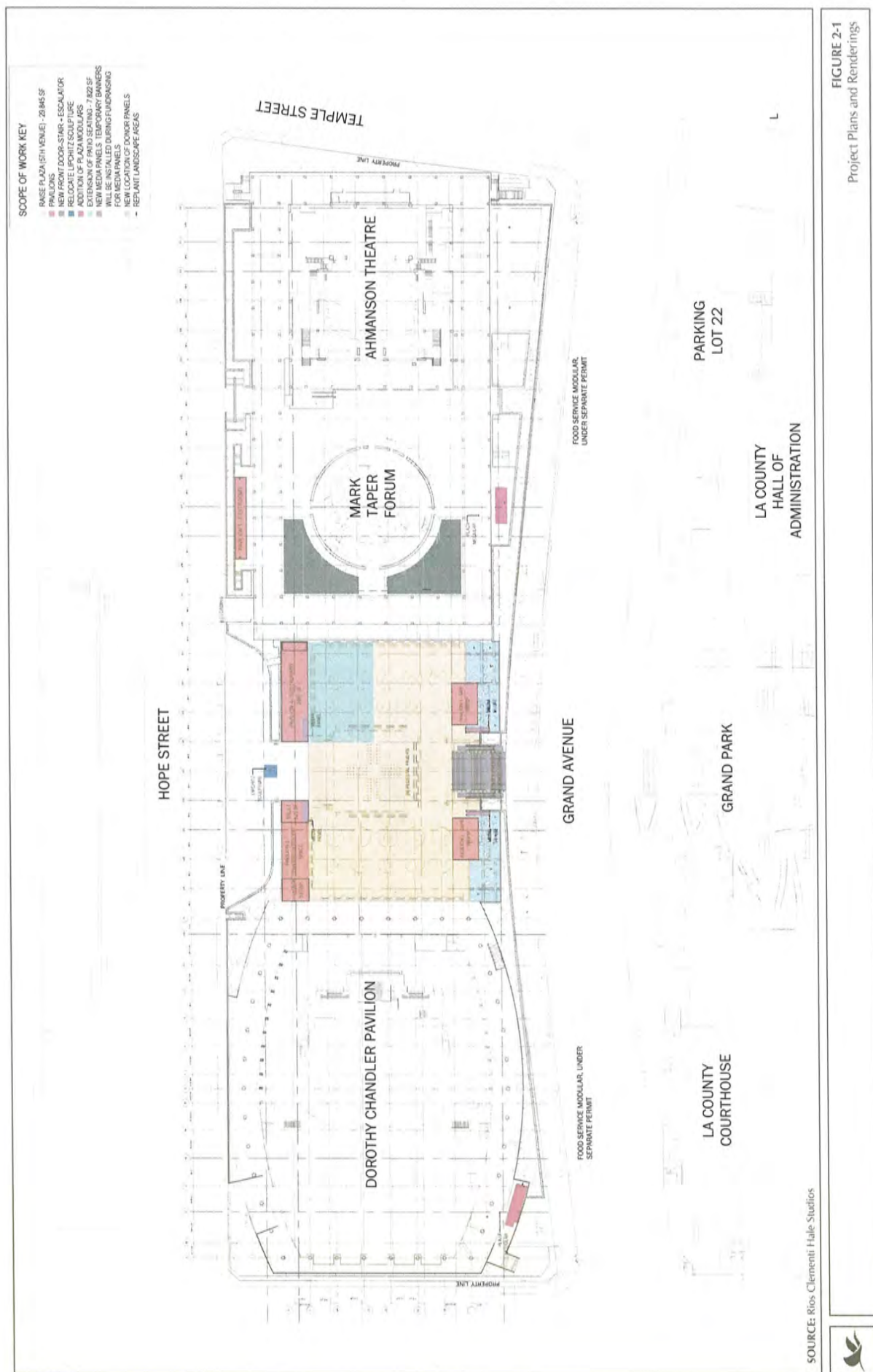
Project Elements		Already Constructed (Y/N)	Refined in Addendum No. 1 (Y/N)	Refined in Addendum No. 2 (Y/N)	Refined in Addendum No. 3 (Y/N)	Refined in Addendum No. 4 (Y/N)
Improvements	ii. Remodel the Staircase That Connects Grand Avenue to the Music Center Plaza	N	N	N	N	Y; Instead of widening and deepening the staircase 2'-2" into the existing sidewalk, reconstruct the existing Grand Avenue staircase so that it is narrower (35'-1" wide) than the existing 49'-6" to 73'-6" wide staircase in order to incorporate 4' wide flanking escalators (total vertical rise: 13'-9"), and so that it rises slightly higher (6'-3/8") to serve the higher level of the proposed Plaza level height increase. No new water features; retained existing planters. Relocation of the 1978 Robert Graham Dance Door sculpture to additional garden spaces adjacent to the new stair and escalator in the Grand Park overlook garden at the Café Pavilion.
	iii. Remodel Lower Level Restaurant Space	Y	N	N	Y; As described in the Final EIR, the existing restaurant space located at street level on Grand Avenue of the Music Center (Otto's Grill) will undergo interior and exterior renovations within the existing footprint of the restaurant. Interior renovations would include the installation of a grease interceptor to control waste grease discharge generated during food preparation. The grease interceptor would connect to the City of Los Angeles's sewer system and prevent sewage spills caused by grease-related blockages. A brasserie concept design has been developed for the exterior remodel of Otto's Grill. The exterior renovations would replace approximately 26 linear feet of granite with glass to enhance window frontage on Grand Avenue within existing restaurant dimensions. However, the design would also incorporate approximately 14 linear feet of new granite, resulting in a net reduction of 12 linear feet. A sidewalk seating area to serve the restaurant space would be created along approximately 140 linear feet of sidewalk in front of the restaurant. The City of Los Angeles has advised that outdoor dining, which is likely to include tables, chairs, and planters, requires a 6-foot unobstructed pedestrian travel area. Outdoor dining would utilize the extra sidewalk space afforded by the realignment of Grand Avenue. The dimensions and spatial relationships for the outdoor dining are clearly defined in Figure 2.1-1 and will in fall within the 6-foot unobstructed pedestrian travel area requirement.	N
	iv. Remodel Pedestrian Intersections and Stairways	Y	N	N	N	N
	v. Screen Loading Dock	N	N	N	N	N

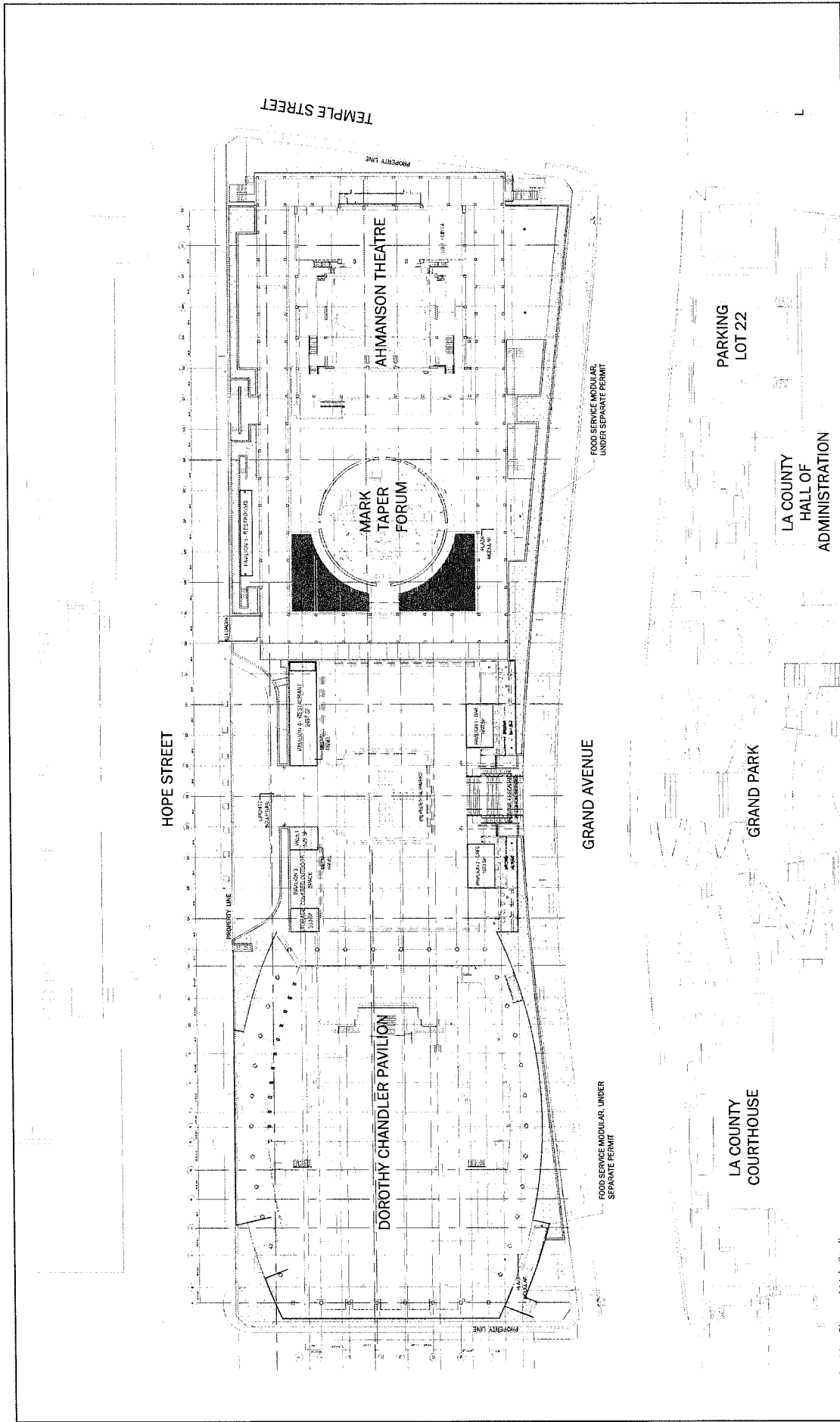
**TABLE 2-1
PROJECT REFINEMENTS**

Project Elements		Already Constructed (Y/N)	Refined in Addendum No. 1 (Y/N)	Refined in Addendum No. 2 (Y/N)	Refined in Addendum No. 3 (Y/N)	Refined in Addendum No. 4 (Y/N)
(b) Music Center Plaza Level	i. Create New Donor Recognition Opportunities	N	N	N	N	Y; Install etched glass wall elements at two locations (between Grand Avenue staircase and each flanking escalator and between Pavilions 1 and 2 near Hope Street) instead of three. Instead of removing the granite placards, the grey benefactor plaques near Grand Avenue would be re-mounted on the new Pavilion buildings prior to completion of construction.
	ii. Plaza Improvements	N	N	N	N	Y; Existing cast in place decorative concrete and existing decorative terrazzo bands would be removed. Relocation of the 1969 Jacques Lipchitz "Peace on Earth" sculpture from the center of the Plaza toward the western edge of the axis. Replace the 20 existing trees in the Music Center Plaza at the same location as the existing planters.
	iii. Additional Garden Spaces	N	N	N	N	Y; Locate the additional garden space at the Plaza level along Grand Avenue, comprised of a decomposed granite seating area with drought-tolerant plant material softscape.
	iv. Kiosks and Additional Service Amenities	N	N	Y; The relocation and enhancement of Concession Stand No. 4 as described in the EIR will undergo a minor interim remodel of the back-of-house areas to address immediate health and safety issues. A new dishwasher will be installed, and an existing restroom with one toilet and hand sink will be removed. An existing pot/dishwashing table with two tubs will be replaced with a pot/dishwashing table with three tubs. The existing hand sink and mop sink will remain in place.	N	Y; Instead of relocating banners that are currently hung from the buildings and viewed as visual clutter to permanent banner poles, the 2017 refined project would include the installation of four new approximately 40-foot-high LED-lit electronic media panels to display digital media on pixels of LED lights. The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two.
	v. Education Space	N	N	N	N	Y; Project element is being removed from scope of work.
	vi. Relocation and Upgrade of Restroom Facilities	N	N	N	N	Y; Reduce the size of the restroom from 1,600 to 850 square feet but would be in the same location as described for the approved project.

TABLE 2-1
PROJECT REFINEMENTS

Project Elements	Already Constructed (Y/N)	Refined in Addendum No. 1 (Y/N)	Refined in Addendum No. 2 (Y/N)	Refined in Addendum No. 3 (Y/N)	Refined in Addendum No. 4 (Y/N)
vii. Upgrade of Existing Temporary Storage Area	N	N	Y: A portion of the storage building will be devoted to Plaza food operations. This segment of the building will contain employee lockers, equipment, storage, an equipment wash-down area for food service equipment located on the Plaza, and men's and women's handicapped- accessible restrooms for Plaza food service employees, each with a toilet and hand sink. The equipment wash-down area will also contain a three- compartment sink and a mop sink. The remaining building segment will be used for Music Center storage.	N	N
viii. Resurface of Mark Taper Forum Reflecting Pools	Y	N	N	N	N





SOURCE: Rios Clementi Hale Studios



FIGURE 2-1
Project Plans and Renderings

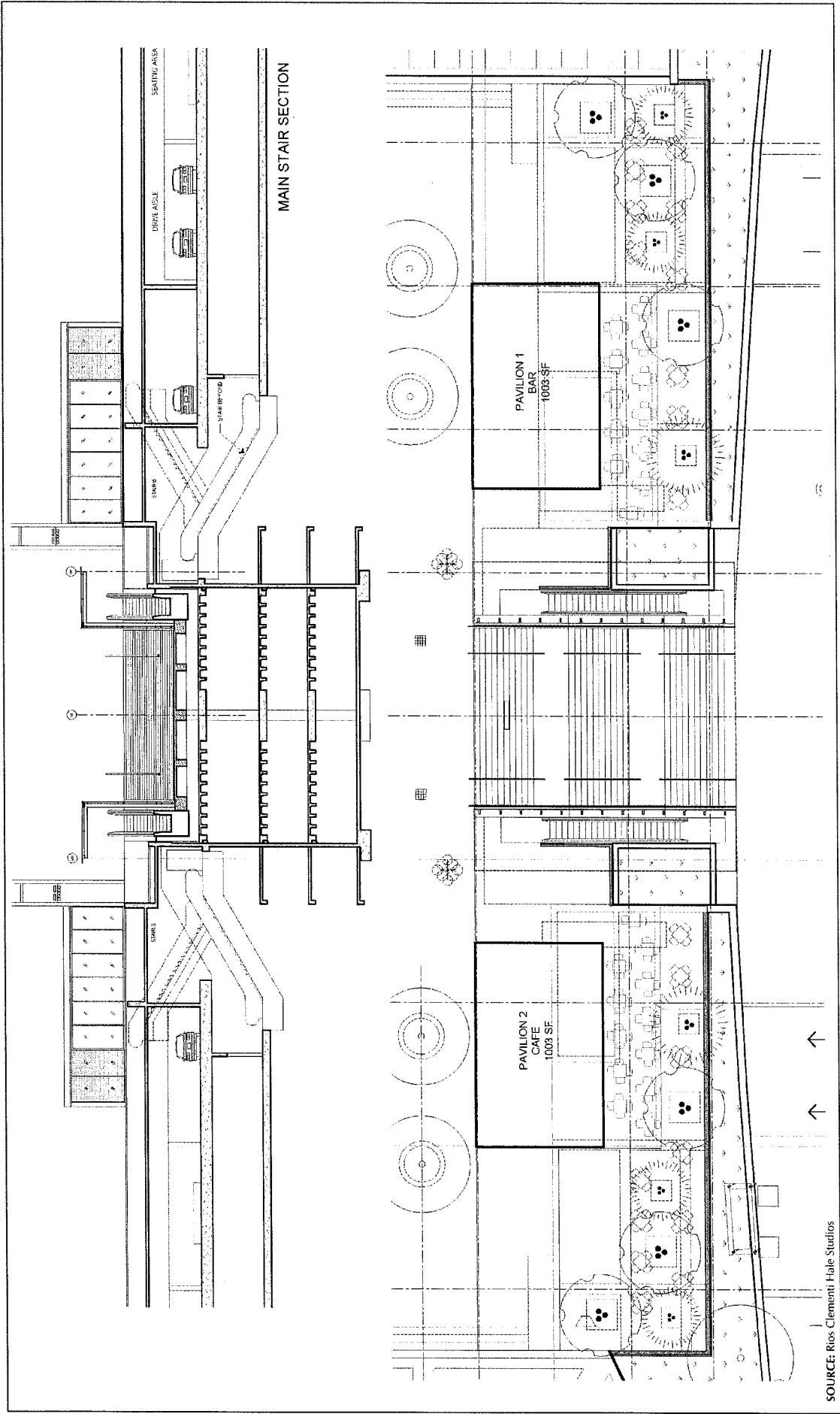
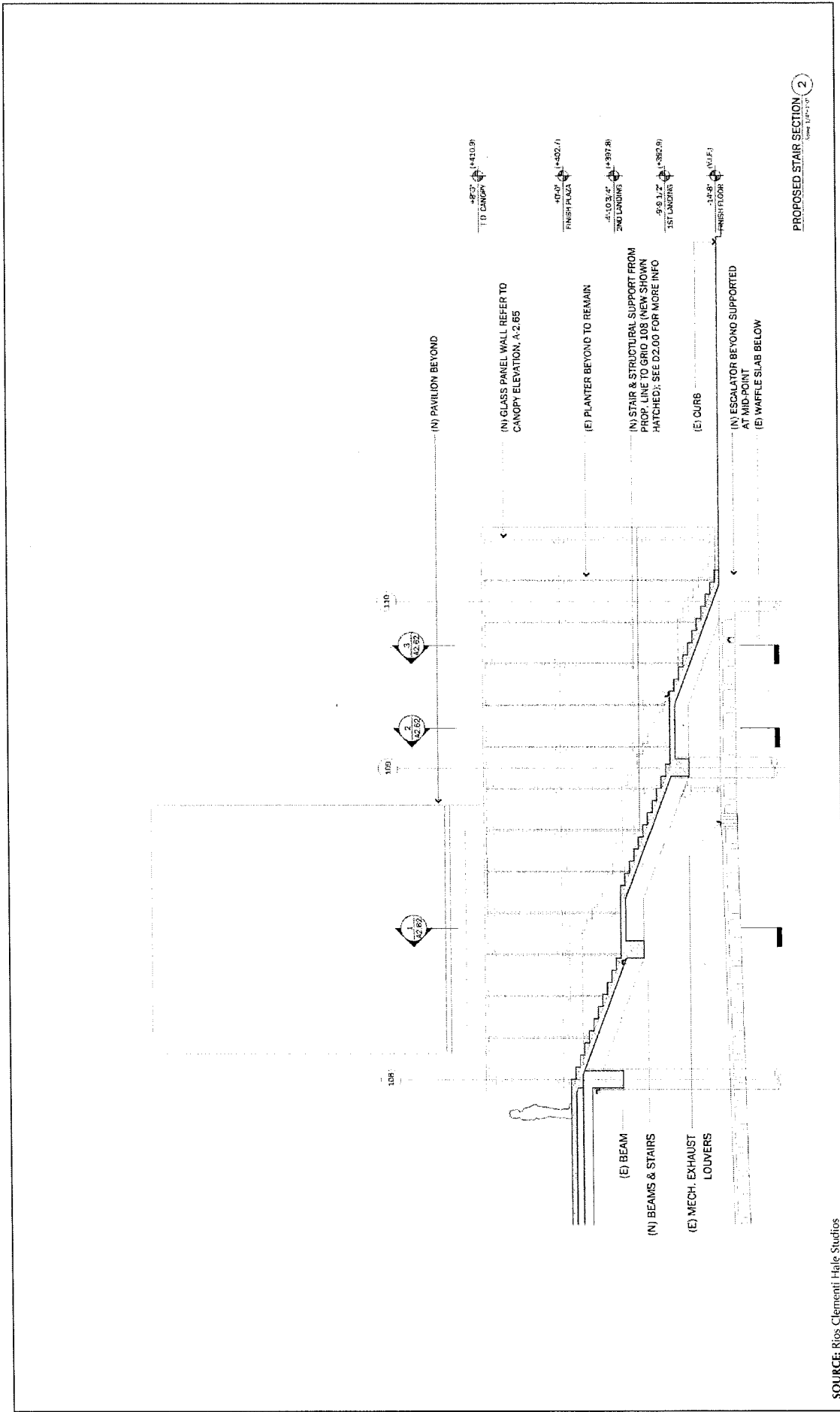


FIGURE 2-1
Project Plans and Renderings

SOURCE: Rios Clementi Hale Studios





SOURCE: Rios Clementi Hale Studios



FIGURE 2-1
Project Plans and Renderings



Aerial View

SOURCE: Rios Clementi Hale Studios

FIGURE 2-1
Project Plans and Renderings





Grand Stair View

SOURCE: Rios Clementi Hale Studios



FIGURE 2-1
Project Plans and Renderings

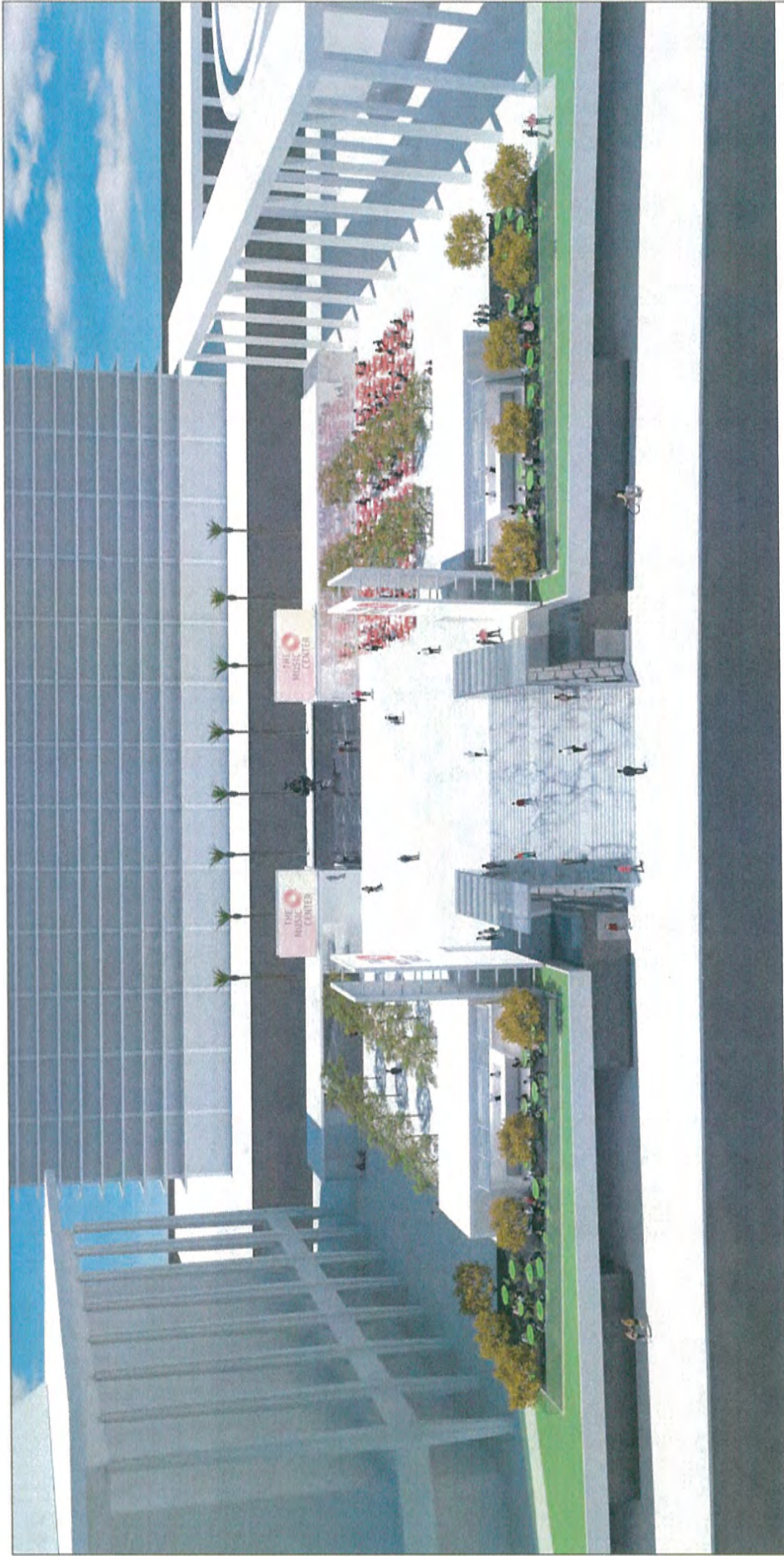


Street View (Grand Avenue)

SOURCE: Rios Clementi Hale Studios



FIGURE 2-1
Project Plans and Renderings

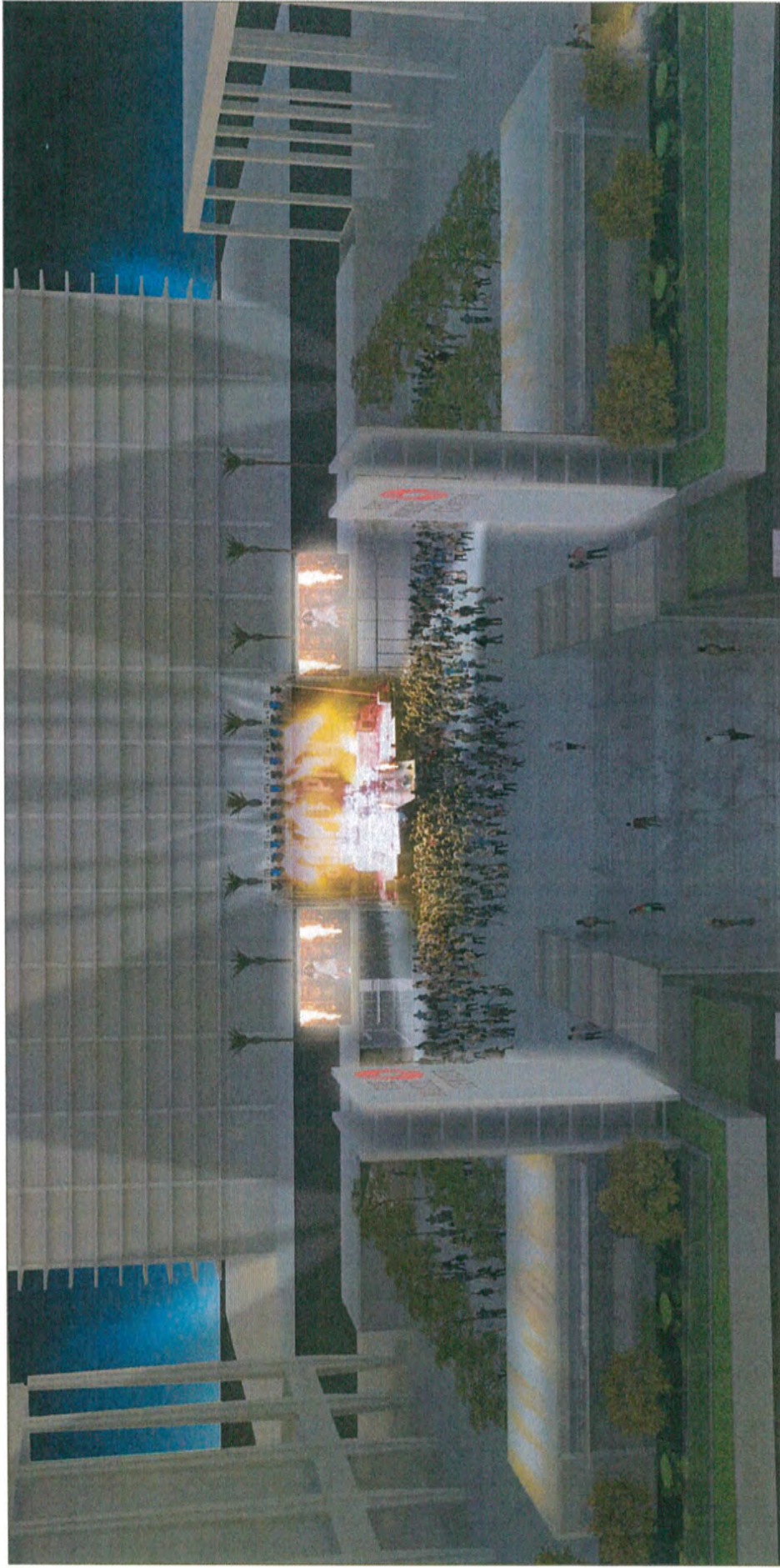


Sculpture Relocation

SOURCE: Rios Clementi Hale Studios



FIGURE 2-1
Project Plans and Renderings



SOURCE: Rios Clementi Hale Studios



Night Performance

FIGURE 2-1
Project Plans and Renderings

Element (3) Music Center Improvements

Grand Avenue Street Level

1. Reconstruct the Staircase That Connects Grand Avenue to the Music Center Plaza. Instead of widening and deepening the staircase to improve access and visual connection between street and plaza, and to allow it to serve as a setting for outdoor performances in conjunction with the Plaza and improved widened Grand Avenue sidewalk, the 2017 refined project would reconstruct the existing Grand Avenue staircase with white terrazzo tile surface so that it is narrower (35'-1") than the existing 49'-6" to 73'-6" wide staircase in order to incorporate two approximately 4-foot-wide flanking escalators, and so that it rises slightly higher to serve the higher level of the proposed Plaza level, an additional approximately 6-3/8" height increase. As with the existing staircase, the reconstructed staircase would be comprised of three separate flights of stairs; the intermediate landings would be 7 feet wide, and all three flights would have ten 14" treads and eleven 5" risers. The two escalators would contain 40" wide steps and have a total vertical rise of 13'-9". The demolition would still consist of removal of the approximately 2,150 square feet (less than 4 percent) of the original material that constitutes the existing staircase. The reconstructed staircase would alter the footprint of the existing staircase by retreating approximately 2'-2" from the Grand Avenue sidewalk area and extending approximately 12'-10" into the Music Center Plaza. Instead of the approved design, which would include removal of an approximately 480 square feet of polished gray granite veneer that flanks the planters on either side of the staircase, the 2017 refined project would maintain the existing planters that flank the existing staircase and reduce the removal of the gray granite veneer to 160 square feet to provide a new opening from each of the existing garage stair/escalators to the Grand Avenue sidewalk. Instead of the approved design, which would include new linear water features along the north and south margins of the stair that would be extended along the side of the upper landing into the Plaza area, the 2017 refined project would include escalators connecting the Grand Avenue sidewalk to the revised Plaza elevation along the north and south edges of the stair. Circulation within the existing parking garage would remain unchanged to Street Level, and the existing stair and escalator flights from Garage Level P1 to the existing Plaza level would be replaced by the new stairs and escalators. The 2017 refined project would also involve relocation of the 1978 Robert Graham Dance Door sculpture to a location adjacent to the new stair and escalator in the Grand Park overlook garden at the Café Pavilion (see 4. *Additional Garden Spaces*, below).

Music Center Plaza Level

2. Create New Donor Recognition Opportunities. As with the approved project, the 2017 refined project would involve relocation of the granite placards with Music Center donor names from the perimeter of the Music Center Plaza to additional architectural elements, such as a donor wall, water feature, or plaza paving, as well as installation of glass elements with names etched in the glass in the sides of the Grand Avenue staircase. The 2017 refined project would involve installation of glass wall elements with etched donor names at two locations instead of three: (1) two etched glass panel wall elements between the Grand Avenue staircase and each flanking escalator and (2) two etched glass panel wall elements at Pavilions 1 and 2 near Hope Street (see renderings in Figure 2-1). No names would be etched into backlit glass panels installed in the floor surface of the new raised plaza surface. The grey benefactor plaques near Grand Avenue would be removed and safely stored off-site at the beginning of construction, then permanently re-mounted on the new Pavilion buildings prior to completion of construction.

3. Plaza Improvements. As described in the approved project, the existing depressed area of the Music Center Plaza would be raised by approximately 20 inches with new pedestal pavers in order to bring it flush with the existing fountain and provide enhanced safety for patrons traversing the Plaza at night, accessibility for the disabled across the plaza, accessibility to Plaza amenities, and improved route of travel to the three performing arts venues. The 2017 refined project would have a revised construction scenario for the raising of the plaza involving the removal of 26,938 square feet of the existing cast in place decorative concrete topping slab and existing cast in place decorative terrazzo accent bands, due to the infeasibility of either keeping this material in place, or removing and storing. As with the approved project, the 2017 refined project would require the removal of up to 48 percent of terrazzo tiles within the Music Center Plaza. The 2017 refined project would preserve more of the existing terrazzo at the edge of the stairs within the Plaza than the approved project. The 2017 refined project would involve renovation of the existing fountain in the center of the Plaza. Four historic light posts at the four inner corners of the Plaza would be relocated elsewhere within the Music Center Plaza. The 2017 refined project would also involve relocation of the approximately 50-foot-high 1969 Jacques Lipchitz *Peace on Earth* sculpture from the center of the Plaza toward the western edge of the plaza on the existing axis in order to maintain its visibility and prominence. The 2017 refined project would involve replacing the 20 existing Indian laurel fig (*Ficus microcarpa*) trees in the Music Center Plaza with new ornamental landscape trees at the same location as the existing planters.

4. Additional Garden Spaces. As with the approved project, the 2017 refined project would involve removal of the donor placards and associated walls to enhance visibility of the garden spaces, as well as creation of up to 7,000 square feet of additional garden areas on the plaza to break the concrete area into a more inviting public space. The 2017 refined project would locate the additional garden space, consisting of a decomposed granite seating area with drought-tolerant plant material softscape at the Plaza level along Grand Avenue.

5. Kiosks and Additional Service Amenities. As with the approved project, the 2017 refined project would involve the replacement of the existing Spotlight Café kiosk structure, bar and grill kiosks, and valet/hospitality kiosk with new structures of similar dimensions; creation of up to two small new retail and/or food service opportunities at the Plaza level, one near each of the two escalator entrances; and new utility connections under the Plaza at six locations.

Electronic Media Panels. Instead of relocating banners that are currently hung from the buildings and viewed as visual clutter to permanent banner poles, the 2017 refined project would include the installation of four new approximately 40-foot-high electronic media panels to display digital media on pixels of LED lights, which would be perpendicular to Grand Avenue on the eastern side of the Plaza and parallel Hope Street on the western side of the Plaza. The LED panels at Pavilions 1 and 2 (near Grand Avenue) would be comprised of a modular Standard Vision Vertical Blade with a 20 millimeter horizontal spacing and a maximum brightness rating of 6,000 nits (calibrated).⁵ The LED panels at Pavilions 3 and 4 (near Hope Street) would be comprised of a modular Standard Vision 400T panel with a 5.00 millimeter horizontal spacing and a maximum brightness rating of 5,000 nits. The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two.

⁵ Nits are a unit to measure a screen's brightness or luminance, defined as candelas per square meter.

The existing temporary structures at the Music Center Plaza and in the vicinity of the Dorothy Chandler Pavilion and Mark Taper Forum would be replaced by up to five pavilions, each ranging from 850 square feet to 2,500 square feet, with a not to exceed 6,421 square feet that may be distributed as follows:

- (a) An approximately 1,003-square-foot bar to the north of the Grand Avenue staircase providing seating on the Plaza.
- (b) An approximately 1,003-square-foot café to the south of the Grand Avenue staircase providing seating on the Plaza.
- (c) An approximately 1,065-square-foot Welcome Center with a covered outdoor area sheltering an information desk, ticket kiosk, and valet parking service at the southern portion of the existing turnout on Hope Street.
- (d) An approximately 2,500-square-foot restaurant with a kitchen and outdoor seating, located toward the northern portion of the existing turnout on Hope Street. The existing turnout on Hope Street would be utilized as valet parking. The valet structure would provide security services.
- (e) An approximately 850-square-foot restroom building on the west side of the Mark Taper Forum.

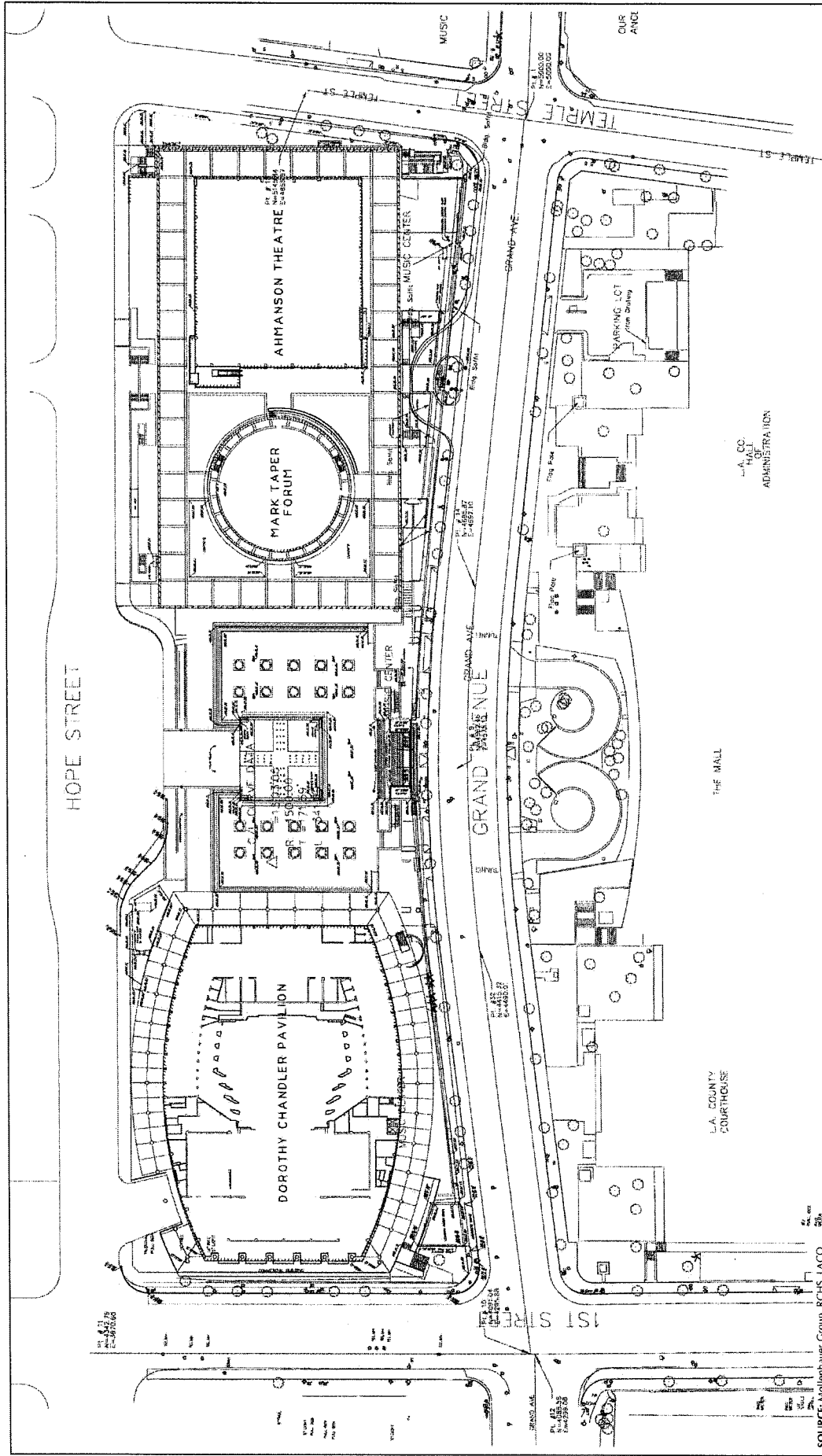
In addition, three food service modulares will be provided along the Grand Avenue side of the Music Center: one approximately 500-square-foot modular at the southeast corner of the Dorothy Chandler Pavilion, one approximately 500-square-foot modular on the east side of the Mark Taper Forum, and one approximately 650-square-foot modular at the Times Mirror Court.

6. Education Space. Under the 2017 project refinement, this element is being removed from the scope of the project. Additionally, because the proposed education space is being removed from the scope of the project, the proposed restroom facilities located within that building would also be removed from the refined project.

7. Relocation and Upgrade of Restroom Facilities. Under the 2017 project refinement, the proposed permanent restroom building is described above as 6(e). The 2017 refined project would reduce the size of the restroom from 1,600 to 850 square feet but would be in the same location as described for the approved project.

Figure 2-2, *Mollenhauer Survey of Existing Conditions in September 2002*, shows the existing conditions at the Music Center Plaza site in 2002 before work efforts on the approved project commenced. Figure 2-3, *Aerial Imagery of 2016 Existing Conditions*, shows the existing conditions at the Music Center Plaza site in 2016 after completion of the project elements listed as already constructed in Table 2-1.

The existing Grand Avenue staircase is comprised of three separate flights of stairs with 6-foot intermediate landings. The first flight of stairs is 64'-2" wide at the street level sidewalk and narrows down to 49'-6" at the fifth tread between existing planters; it contains seven 12" treads and eight 5-7/8" risers. The second flight of stairs is 49'-6" wide between the planters; it contains ten 12" treads and eleven 5-7/8" risers. The third flight of stairs widens to 73'-6" and contains seven 12" treads and eight 5-7/8" risers.



SOURCE: Mollenhauer Group, RCHS, LACO

FIGURE 2-2
Mollenhauer Survey of Existing Conditions in September 2002





SOURCE: Google Earth

FIGURE 2-3
Aerial Imagery of 2016 Existing Conditions



CONSTRUCTION SCENARIO

The construction scenario for the Music Center Improvements element of the approved project would be slightly modified to accommodate the following project refinements:

1. Reconstruct the Staircase That Connects Grand Avenue to the Music Center Plaza. Instead of remodeling the staircase, the 2017 refined project would involve demolishing the existing staircase and reconstructing a new Grand Avenue staircase with white terrazzo tile surface and two approximately 4-foot wide flanking escalators. The demolition would still consist of removal of the approximately 2,150 square feet (less than 4 percent) of the original material that constitutes the existing staircase. Instead of the approved design, which would include removal of an approximately 480 square feet of polished gray granite veneer that flanks the planters on either side of the staircase, the 2017 refined project would maintain the existing planters that flank the existing staircase and reduce the removal of the gray granite veneer to 160 square feet to provide a new opening from each of the existing garage stair/escalators to the Grand Avenue sidewalk. The 2017 refined project would also involve relocation of the 1978 Robert Graham Dance Door sculpture to a location adjacent to the new stair and escalator in the Grand Park overlook garden at the Café Pavilion (see 4. *Additional Garden Spaces*, above).

2. Create New Donor Recognition Opportunities. The grey benefactor plaques near Grand Avenue would be removed and safely stored off-site at the beginning of construction, then permanently remounted on the new Pavilion buildings prior to completion of construction.

3. Plaza Improvements. The 2017 refined project would have a revised construction scenario for the raising of the plaza involving the removal of 26,938 square feet of the existing cast in place decorative concrete topping slab and existing cast in place decorative terrazzo accent bands, due to the infeasibility of either keeping this material in place, or removing and storing. As with the approved project, the 2017 refined project would require the removal of up to 48 percent of terrazzo tiles within the Music Center Plaza. The 2017 refined project would preserve more of the existing terrazzo at the edge of the stairs within the Plaza than the approved project. The 2017 refined project would involve renovation of the existing fountain in the center of the Plaza. The 2017 refined project would also involve relocation of the approximately 50-foot-high 1969 Jacques Lipchitz *Peace on Earth* sculpture from the center of the Plaza toward the western edge of the plaza on the existing axis in order to maintain its visibility and prominence.

4. Additional Garden Spaces. As with the approved project, the 2017 refined project would involve removal of the donor placards and associated walls to enhance visibility of the garden spaces, as well as creation of up to 7,000 square feet of additional garden areas on the plaza to break the concrete area into a more inviting public space. The 2017 refined project would locate the additional garden space, consisting of a decomposed granite seating area with drought-tolerant plant material softscape, at the Plaza level along Grand Avenue.

5. Kiosks and Additional Service Amenities.

Electronic Media Panels. Instead of relocating banners that are currently hung from the buildings and viewed as visual clutter to permanent banner poles, the 2017 refined project would include the installation of four new approximately 40-foot-high electronic media panels to display digital media on pixels of LED lights, which would be perpendicular to Grand Avenue on the eastern side of the Plaza and parallel to Hope Street on the western side of the Plaza. The media panels may be

installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two.

Best Management Practices

Best management practices would be implemented, consistent with the Los Angeles County Department of Public Works' *Construction Site Best Management Practices (BMPs) Manual*. The requirements of a site and project specific geotechnical investigation and recommendations would be referenced on the project plans. Equipment maintenance notes would be provided on the project plans to maintain low noise levels during construction. Maintenance of pedestrian access within the proposed areas of work would be noted on the project plans to minimize pedestrian traffic effects, and a requirement to maintain access to garages, access for emergency response personnel, emergency access routes, and Americans with Disabilities Act (ADA) access would be noted on the project plans. A requirement to identify and mark existing utilities, a requirement to pothole existing utility mains, and a requirement to comply with waste management practices per current codes would be noted on the project plans.

MITIGATION MEASURES

No additional mitigation measures would be implemented for the project refinements. Nineteen of the 58 mitigation measures included in the Mitigation Monitoring Plan (MMP) for the approved project are directly applicable to the 2017 project refinements (Table 2-2, *Applicable Mitigation Measures for 2017 Refined Project*; see Appendix A, *Mitigation Monitoring Plan*).⁶

⁶ County of Los Angeles Chief Administrative Office, October 2002. *Mitigation Monitoring Plan: Grand Avenue and Environs Project*. Contact: Contact: Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, CA 90012. Prepared by: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

TABLE 2-2
APPLICABLE MITIGATION MEASURES FOR 2017 REFINED PROJECT

Environmental Issue Area	Mitigation Measure in 2002 MMP	Revisions to Mitigation Measure (Y/N)
Aesthetics	Aesthetic-1	Yes. Additional language: "Emerging technologies shall be utilized that introduce antireflective coatings or technological innovations that will effectively reduce the refractive index of the architectural glass."
Air Quality	Air-10 Air-11	No
Biological Resources	Biota-1	Yes. Additional language in bold : "Prior to completion of final plans and specifications for the Grand Avenue Realignment element and the Music Center Improvements element of the project, the County of Los Angeles Department of Public Works shall review the final plans and specifications to ensure that the contractor is apprised of the requirements of the Migratory Bird Treaty Act and encouraged to remove the Mature Trees and existing trees in the Music Center Plaza outside of the breeding season."
Cultural Resources	Cultural-1 Cultural-2	No
Geology and Soils	Geology-8	No
Hazards and Hazardous Materials	Hazards-1 Hazards-2	No
Noise	Noise-2 Noise-3 Noise-4	No
Public Services	Public Services-1 Public Services-2 Public Services-3	No
Transportation and Traffic	Transportation-7	No. Transportation-7 as revised under Addendum No. 1 to the EIR.
Utilities and Service Systems	Utilities-1 Utilities-2 Utilities-3	No

NOTE: Measure Transportation-7 was revised under Addendum No. 1 to include the following language: "Prior to construction, the County of Los Angeles Chief Administrative Office shall ensure that all County properties on Grand Avenue, including the Hall of Administration, County Courthouse, and the Music Center, will distribute information to employees and visitors on alternate parking locations and travel routes." The revisions to this mitigation measure are applicable to the 2017 refined project.

Thirty-nine original mitigation measures (40 mitigation measures with Addendum No. 3) were determined to not be directly applicable to this element of the project (Table 2-3, *Mitigation Measures Inapplicable to 2017 Refined Project*).

**TABLE 2-3
MITIGATION MEASURES INAPPLICABLE TO 2017 REFINED PROJECT**

Environmental Issue Area	Mitigation Measure in 2002 MMP	Reason Mitigation Measures is not Applicable
Air Quality	Air-1 Air-2 Air-3 Air-4 Air-5 Air-6 Air-7 Air-8 Air-9	No grading is involved in the Music Center Improvements element of project.
Biological Resources	Biota-1	Measure is specific to Grand Avenue Realignment element of project.
Cultural Resources	Cultural-3 Cultural-4 Cultural-5 Cultural-6 Cultural-7 Cultural-8 Cultural-9 Cultural-10	Measures are specific to other elements of the project not included in the scope of this element: <ul style="list-style-type: none"> • Cultural-3 is specific to the renovation of the lower level restaurant and construction of the education space. • Cultural-4, 6, and 8 are not applicable because they are specific to the grading and footings for the elevated section of Grand Avenue. • Cultural-5, 7, and 9 are not applicable because they are specific to the Education Space element of project. • Cultural-10 is not applicable because it is specific to the scope detailed in Addendum No. 3 to the EIR.
Geology and Soils	Geology-1 Geology-2 Geology-3 Geology-4 Geology-5 Geology-6 Geology-7 Geology-9 Geology-10	Measures are specific to other elements of the project not included in the scope of this element: <ul style="list-style-type: none"> • Geology-1 is specific to seismic retrofit for the bridge section of the Grand Avenue Roadway Realignment element of project. • Geology-2, 3, 4, 5, and 6 are specific to measure is specific to geologic hazards and soil erosion for the Grand Avenue Roadway Realignment element of project. • Geology-7 is specific to seismic safety for the County Mall Pedestrian Improvements element of project. • Geology-9 and 10 are specific to Education Center element of project.
Hazards and Hazardous Materials	Hazards-3	Measure is specific to Grand Avenue Realignment and County Mall Pedestrian Improvements elements of the project.
Hydrology and Water Quality	Hydro-1 Hydro-2 Hydro-3 Hydro-4	Measures are specific to other elements of the project not included in the scope of this element: <ul style="list-style-type: none"> • Hydro-1, 2, and 4 are specific to the Grand Avenue Roadway Realignment element of project. • Hydro-3 is specific to the Grand Avenue Roadway Realignment and County Mall Pedestrian Improvements elements of project.

TABLE 2-3
MITIGATION MEASURES INAPPLICABLE TO 2017 REFINED PROJECT

Environmental Issue Area	Mitigation Measure in 2002 MMP	Reason Mitigation Measures is not Applicable
Noise	Noise-1	Measure is specific to equipment maintenance for the Grand Avenue Realignment element of the project.
Public Services	Public Services-4	Measure is specific to completed Grand Avenue Realignment element of the project.
Transportation and Traffic	Transportation-1 Transportation-2 Transportation-3 Transportation-4 Transportation-5 Transportation-6	Measures are specific to other elements of the project not included in the scope of this element: <ul style="list-style-type: none"> • Transportation-1 is specific to completed Grand Avenue Realignment and County Mall Pedestrian Improvements elements of project. • Transportation-2 and 5 are specific to completed Walt Disney Concert Hall element of project. • Transportation-3 is specific to access to facilities beyond the limits of this element of project. • Transportation-4 is specific to completed Grand Avenue Realignment element of project. • Transportation-6 is specific to ADA access at the pedestrian tunnel beyond the limits of this element of project.

NOTE: Measure Cultural-10 was added under Addendum No. 3 for the exterior renovations to Otto's Grill: "Prior to construction, the County of Los Angeles Chief Administrative Office and the County of Los Angeles Department of Public Works shall check the plans and specifications for the exterior remodel of Otto's Grill to ensure that all improvements conform to the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings (Standards)*. Approval by the County of Los Angeles Chief Administrative Office is required prior to remodel implementation." This mitigation measure is not applicable to the 2017 refined project.

SECTION 3.1 AESTHETICS

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the Grand Avenue and Environs Project (project). The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR) determined that significant impacts related to aesthetics would be reduced below the level of significance through implementation of Mitigation Measure Aesthetic-1. Based on the analysis, it has been determined that the refinements to the project do not constitute a “substantial change” under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.1, *Aesthetics*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of Mitigation Measure Aesthetic-1. Sapphos Environmental, Inc. reviewed the California Department of Transportation’s (Caltrans’) Scenic Highway Program designations, the Los Angeles County General Plan 2035, the City of Los Angeles General Plan, previously published information regarding the visual character of the 2017 refined project site, including light and glare, aerial imagery, Google Earth street view, and a review of conceptual elevations and site plans (see Figure 2-1, *Project Plans and Renderings*).^{1,2,3} A site visit was conducted in 2016 to characterize the area from 36 key observation points (KOPs; Figure 3.1-1, *2016 Existing Conditions*).

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- ¹ California Department of Transportation. Accessed 26 September 2016. Eligible (E) and Officially Designated (OD) Routes. California Scenic Highway Program. Available at: http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/scenic_hwy.htm
 - ² Los Angeles County Department of Regional Planning. Adopted 6 October 2015. *Los Angeles County General Plan 2035*. Available at: <http://planning.lacounty.gov/generalplan/generalplan>
 - ³ City of Los Angeles Department of City Planning. September 2001. *City of Los Angeles Conservation Element*. Section 15: Land Form and Scenic Vistas. Available at: <http://cityplanning.lacity.org/cwd/gnlpln/consvelt.pdf>

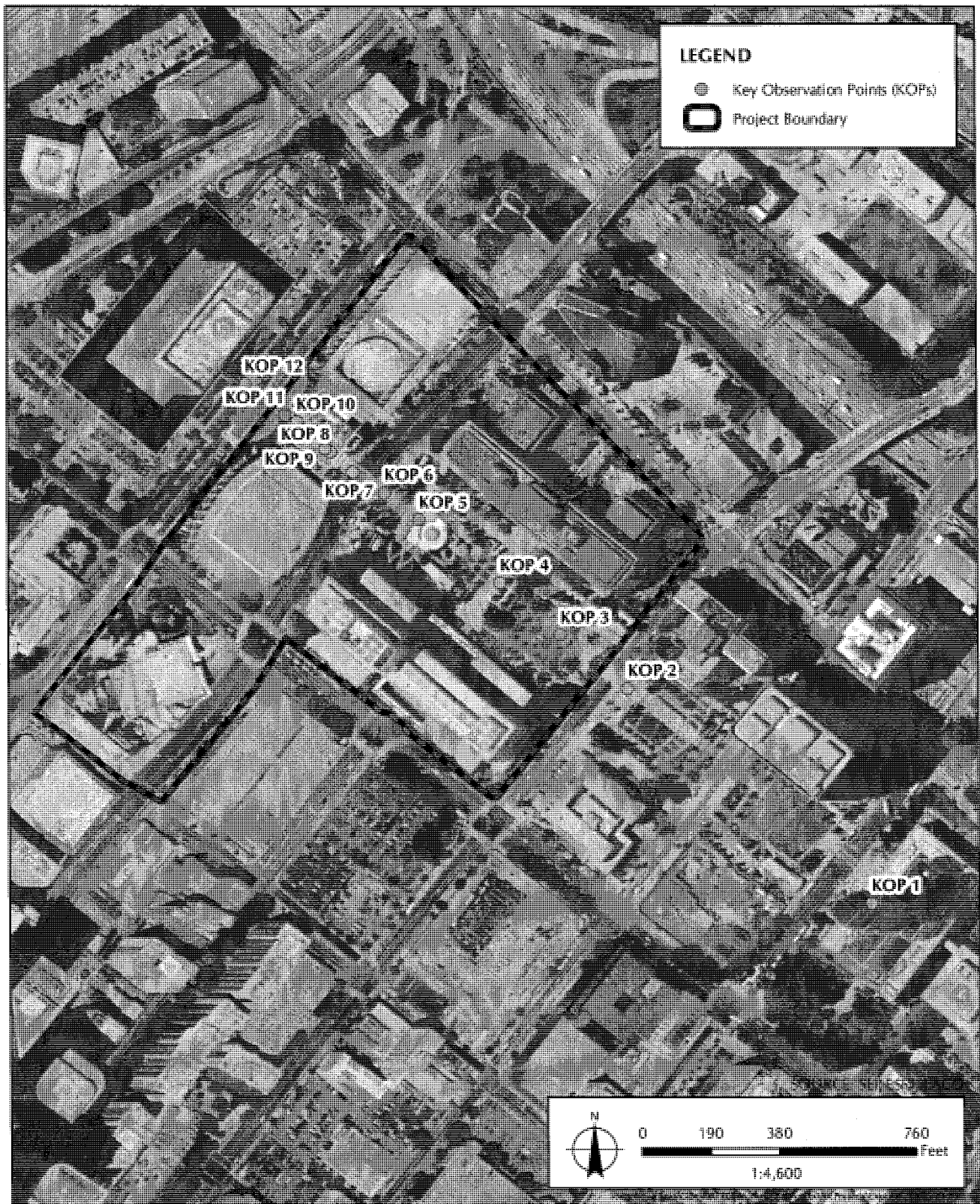


FIGURE 3.1-1a
2016 Existing Conditions- Overall Project Area

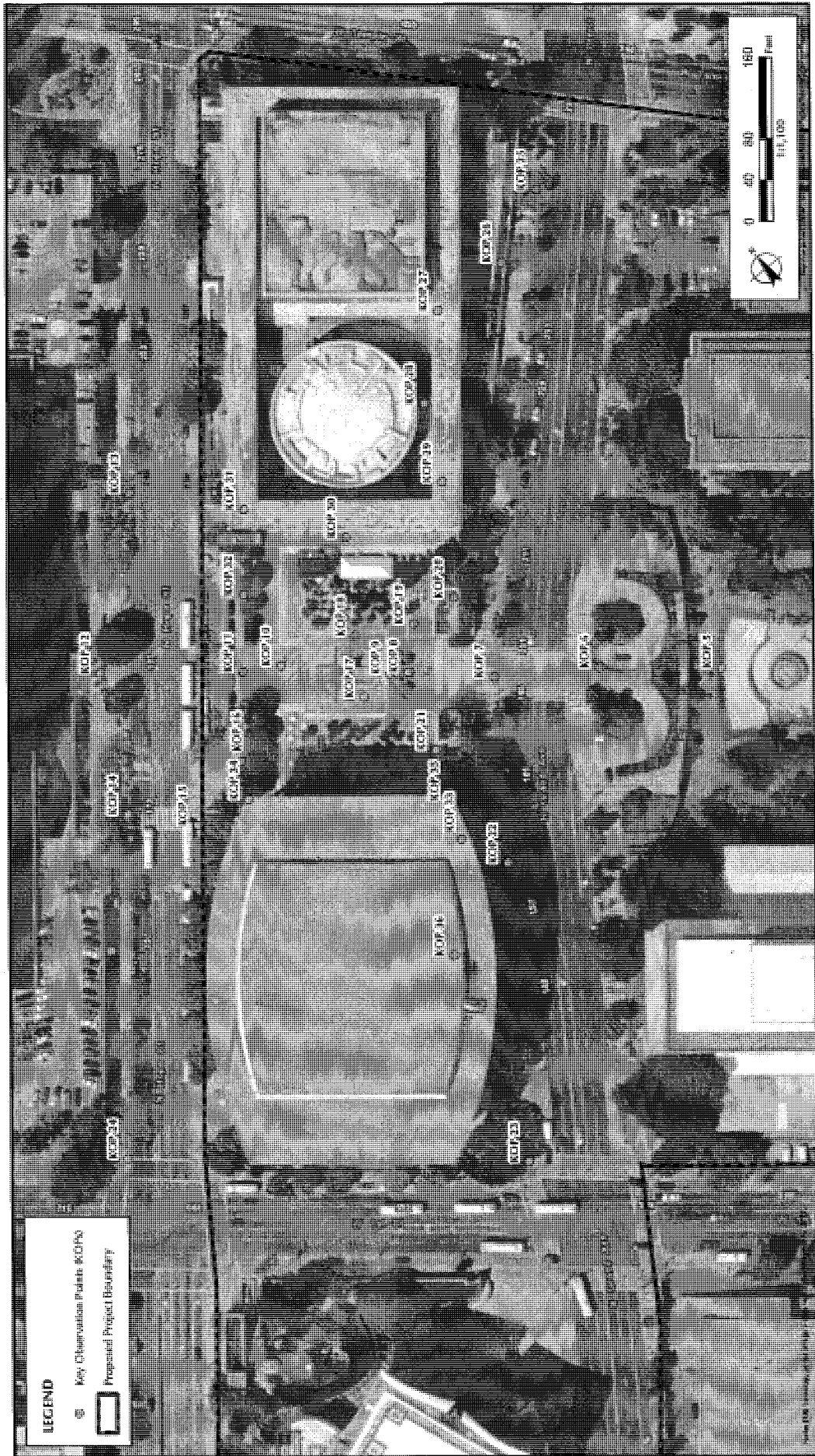


FIGURE 3.1-1b
Existing Conditions- 2017 Refined Project Focus Area





East-West Axis from LA City Hall Observation Deck Facing John Ferraro LADWP Headquarters Building and Peace on Earth Sculpture

KOP 1

FIGURE 3.1-1C
2016 Existing Conditions





KOP 2
East-West Axis from Grand Park Near LA Metro Station Facing John Ferraro LADWP Headquarters Building and Peace on Earth Sculpture

FIGURE 3.1-1c
2016 Existing Conditions





KOP 3
East-West Axis from Grand Park Facing John Ferraro LADWP Headquarters Building and Peace on Earth Sculpture

FIGURE 3.1-1c
2016 Existing Conditions





KOP 4
East-West Axis from Grand Park Near Starbucks Facing John Ferraro LADWP Headquarters Building and Peace on Earth Sculpture

FIGURE 3.1-1c
2016 Existing Conditions





KOP 5
East-West Axis from Grand Park Facing John Ferraro LADWP Headquarters Building and Peace on Earth Sculpture

FIGURE 3.1-1C
2016 Existing Conditions





KOP 6
Existing Grand Avenue Stairs from Eastern Grand Avenue Sidewalk Facing John Ferraro LADWP Headquarters Building and Peace on Earth Sculpture

FIGURE 3.1-1C
2016 Existing Conditions





Existing Grand Avenue Stairs from Previously Widened Western Grand Avenue Sidewalk Facing John Ferraro LADWP Headquarters Building and Peace on Earth Sculpture

KOP 7
FIGURE 3.1-1c
2016 Existing Conditions





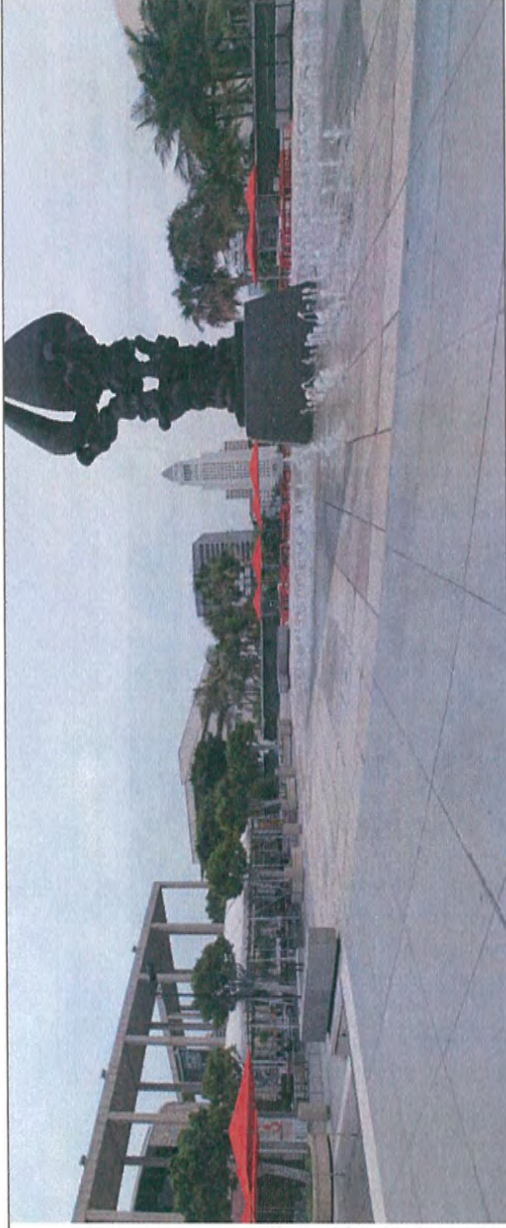
KOP 8
View of LA City Hall Through Dancing Door Sculpture and Existing Planters and Donor Panels Along Entrance to Southern Escalators to Parking Garage from Music Center Plaza



KOP 9
Music Center Plaza Facing Mark Taper Forum, Donor Panels Along Entrance to Northern Escalators to Parking Garage, and Grand Avenue Stairs

FIGURE 3.1-1c
2016 Existing Conditions





KOP 10
Music Center Plaza Facing LA City Hall



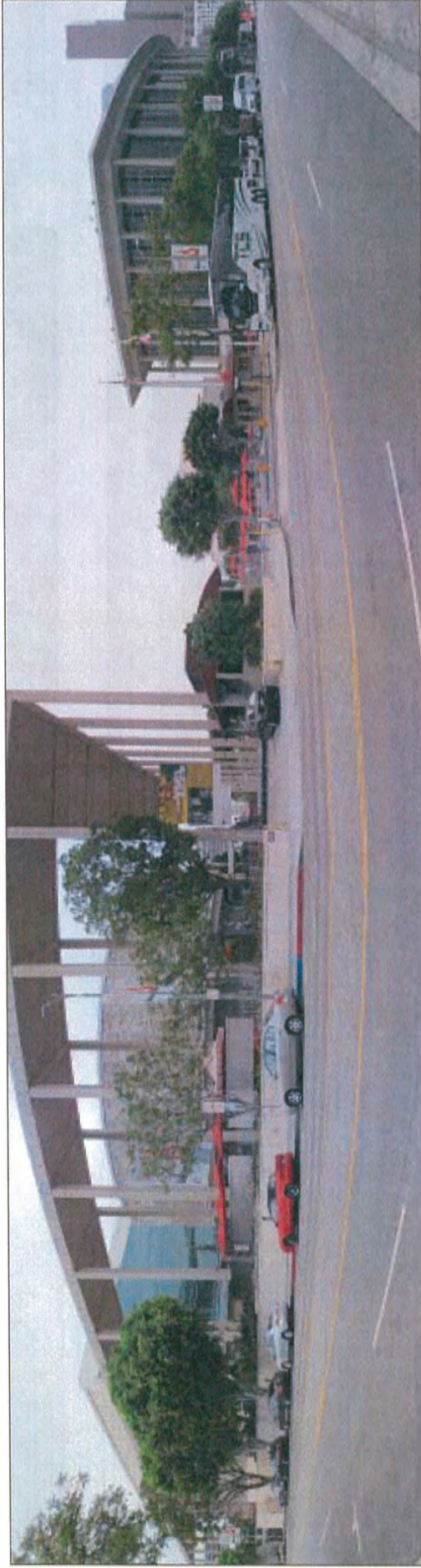
KOP 11
East-West Axis Between John Ferraro LADWP Headquarters Building and LA City Hall from Eastern Sidewalk on Hope Street

FIGURE 3.1-1c
2016 Existing Conditions





KOP 12
East-West Axis Between John Ferraro LADWP Headquarters Building and LA City Hall from Western Sidewalk on Hope Street



KOP 13
View of Mark Taper Forum, Music Center Center Plaza, Dorothy Chandler Pavilion, Proposed Pavilion 4-Restaurant and Pavilion 5-Restrooms Sites from Western Sidewalk on Hope Street

FIGURE 3.1-1c
2016 Existing Conditions





KOP 14
Existing Hope Street Valet Parking Turnout, Music Center Plaza, and Stairs to Parking Garage Levels from Sidewalk Across Hope Street



KOP 15
View of Existing Hope Street Valet Parking Turnout, Music Center Plaza, and Stairs to Parking Garage Levels from Sidewalk Along Hope Street

FIGURE 3.1-1c
2016 Existing Conditions





KOP 16

View of Music Center Plaza, Dorothy Chandler Pavilion, and Proposed Info Booth Site from Existing Sidewalk Along Hope Street Turnout



KOP 17

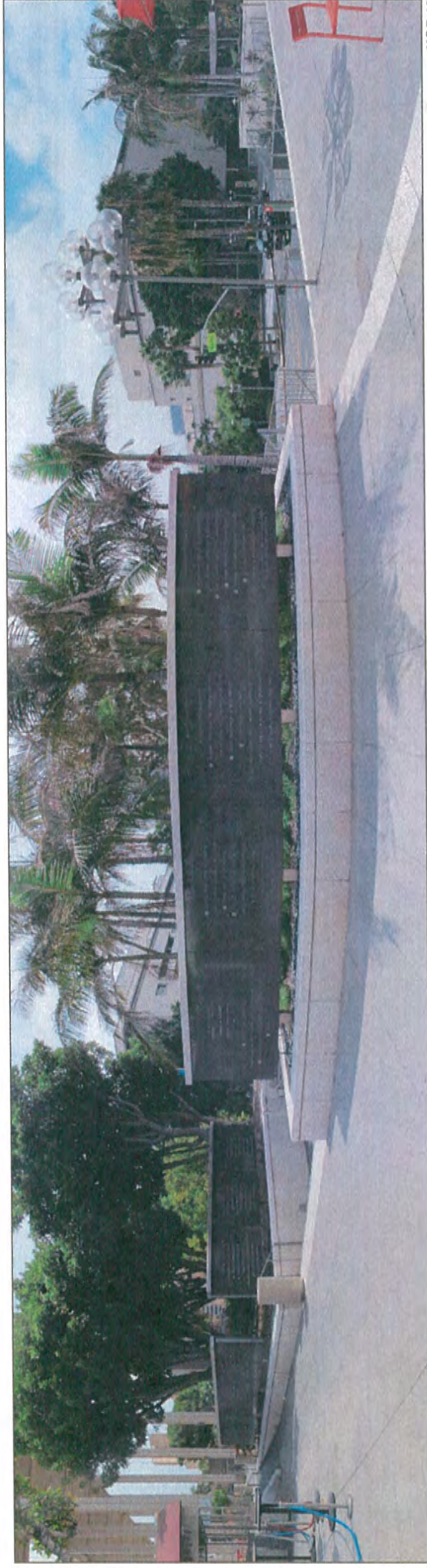
Southeastern Side of Fountains on Music Center Plaza Facing Peace on Earth Sculpture and Hope Street

FIGURE 3.1-1c
2016 Existing Conditions





KOP 18
Northeastern Side of Fountains on Music Center Plaza Facing Peace on Earth Sculpture and Hope Street



KOP 19
Music Center Plaza Level View of Existing Grey Donor Panels, Northern Escalator Entrance to Parking Garage, Grand Avenue Stairs, and Globe Lights

FIGURE 3.1-1c
2016 Existing Conditions





KOP 20
Northern Escalator from Parking Garage to Music Center Plaza with Existing Grey Donor Panels and Planters Near Grand Avenue



KOP 21a
Music Center Plaza Level Entrance to Southern Escalator from Parking Garage with Existing Grey Donor Panels and Planters Near Grand Avenue

FIGURE 3.1-1c
2016 Existing Conditions





KOP 21b
Southern Side of Music Center Plaza Near Existing Southern Escalator From Parking Garage Near Grand Avenue



KOP 22
Previously Widened Grand Avenue Sidewalk, Previously Constructed Kendall's Brasserie Restaurant, and Existing Parking Lot Entrance from Banquet Hall Entrance

FIGURE 3.1-1c
2016 Existing Conditions





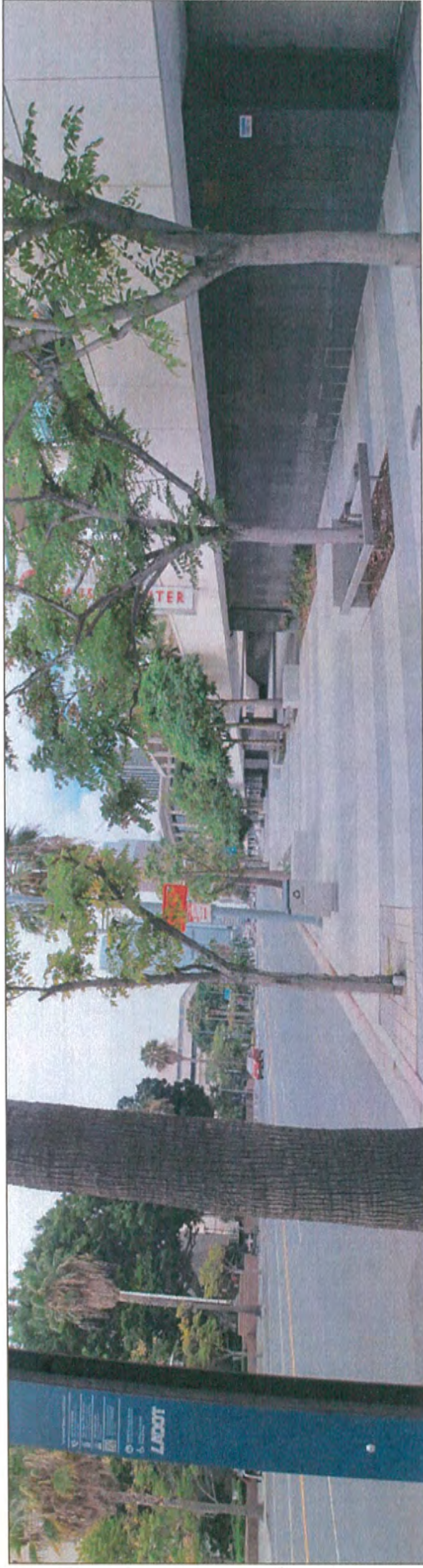
KOP 23
View of Northeastern Face of Completed Walt Disney Concert Hall, Ficus Tree, and Previously Widened Grand Avenue Sidewalk from Grand Street and First Street



KOP 24
View of Southwestern Face of Dorothy Chandler Pavilion and Northwestern Face of Completed Walt Disney Concert Hall From Hope Street and First Street

FIGURE 3.1-1c
2016 Existing Conditions





KOP 25
Previously Widened Grand Avenue Sidewalk at DASH Bus Station East of Ahmanson Theatre



KOP 26
Previously Widened Grand Avenue Sidewalk Level Below Music Center Plaza Level To Southeast of Ahmanson Theatre Facing Stairways Leading to Music Center Plaza Level

FIGURE 3.1-1C
2016 Existing Conditions





KOP 27
Southeastern Portion of Ahmanson Theatre Colonnade Facing Existing Planter to Remain, Stairway Leading to Grand Avenue Level, and Two Proposed Plaza Modular Sites



KOP 28
Eastern Portion of Mark Taper Forum Colonnade Facing Existing Restroom at Proposed Plaza Modular Site

FIGURE 3.1-1c
2016 Existing Conditions





KOP 29
Southeastern Portion of Mark Taper Forum Colonnade Facing Existing Outdoor Dining Seating in Music Center Plaza and Existing Donor Plaques



KOP 30
Music Center Plaza Facing Mark Taper Forum Entrance, Existing Outdoor Dining Seating, and Stairs in Music Center Plaza

FIGURE 3.1-1c
2016 Existing Conditions





KOP 31

Southwestern Corner of Mark Taper Forum Colonnade Facing Proposed Pavilion 5-Restrooms Site and Proposed Pavilion 4-Restaurant Site



KOP 32

Music Center Plaza From Planter Near Hope Street Valet Turnout Facing Proposed Pavilion 4-Restaurant Site

FIGURE 3.1-1c
2016 Existing Conditions





KOP 33
Music Center Plaza Level Staircase at Northeastern Corner of Dorothy Chandler Pavilion Facing Proposed Plaza Modular Site



KOP 34
John Ferraro LADWP Headquarters Building, Hope Street, and Music Center Plaza from Northwestern Corner of Dorothy Chandler Pavilion

FIGURE 3.1-1c
2016 Existing Conditions





KOP 35
Grand Park, Grand Avenue and Music Center Plaza from Northeastern Corner of Lower Roof of Dorothy Chandler Pavilion



KOP 36
Grand Park and LA City Hall from Upper Roof of Dorothy Chandler Pavilion

FIGURE 3.1-1c
2016 Existing Conditions



ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to aesthetics, than those identified in the 2002 certified EIR, was evaluated in relation to the four questions related to aesthetics in the State CEQA Guidelines that were used to evaluate the approved project.⁴

(a) Have a substantial adverse effect on a scenic vista?

The 2017 refined project would not create new or substantially more severe significant impacts related to having a substantial adverse effect on a scenic vista, such that having a substantial adverse effect on a scenic vista would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The City of Los Angeles has not designated any scenic vistas within the City of Los Angeles, although Section 15 of the Conservation Element identifies three categories of scenic resources within the City of Los Angeles that are relevant to the consideration of the 2017 refined project.⁵

- Scenic Features:
 - Views of the ocean
 - Striking or unusual natural terrain
 - Unique urban or historic features

Similar to the approved project, which would result in no impacts to scenic vistas, the 2017 refined project would result in less than significant impacts to scenic vistas because the project site is not be located within an area that is visible from a County of Los Angeles⁶ or City of Los Angeles⁷ designated scenic vista. The 2017 refined project would maintain the well-defined axis leading from the City of Los Angeles City Hall West building to the City of Los Angeles Department of Water and Power's (LADWP's) John Ferraro headquarters building, an axis that is an unique urban feature within the City of Los Angeles, because it would maintain an open route from the Grand Avenue staircase through the Music Center Plaza to Hope Street. As stated in Section 2, *Project Description*, the 20 existing trees on the Music Center Plaza and the fountain at the center of the plaza would be replaced within the same location as the existing planters in the plaza as features reinforcing the axis, which would become framed by the electronic media panels and donor signage walls adjacent to the escalators to be located on either side of the Grand Avenue staircase. The Lipschitz sculpture is currently visible from the City Hall West observation deck, and its relocation along the Plaza axis combined with the addition of tall electronic media panels would be a visible change from the observation tower (see KOP 1, Figure 3.1-1). However, as the sculpture is located approximately 0.4 mile from City Hall West and does not dominate the view because, due to its dark coloration against dark windows at the John Ferraro LADWP headquarters building entrance, there is a low level of contrast of the sculpture with its background. Further, the

⁴ California Code of Regulations. Title 14, Division 6, Chapter 3, Sections 15000–15387, Appendix G.

⁵ City of Los Angeles Department of City Planning. September 2001. *City of Los Angeles Conservation Element*. Section 15: Land Form and Scenic Vistas. Available at: <http://cityplanning.lacity.org/cwd/gnlpln/consvelt.pdf>

⁶ Los Angeles County Department of Regional Planning. Adopted 6 October 2015. *Los Angeles County General Plan 2035*. Available at: <http://planning.lacounty.gov/generalplan/generalplan>

⁷ City of Los Angeles Department of City Planning. September 2001. *City of Los Angeles Conservation Element*. Section 15: Land Form and Scenic Vistas. Available at: <http://cityplanning.lacity.org/cwd/gnlpln/consvelt.pdf>

relocation of the Lipschitz sculpture along its existing east-west axis would retain a similar vista to the existing vista from the observation deck of City Hall West. The approximately 40-foot-high electronic media panels would have a higher level of visibility than the approximately 50-foot-high "Peace on Earth" Lipchitz sculpture due to their coloration, which would contrast with the dark coloration of the John Ferraro LADWP headquarters building in the background. However, their placement parallel to the axis at Grand Avenue and perpendicular to the axis at Hope Street serve to emphasize the axis that is a recognized unique urban feature in the City of Los Angeles. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts to aesthetics related to substantial adverse effects to scenic vistas.

(b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

The 2017 refined project would not create new or substantially more severe significant impacts related to substantially damaging scenic resources within a state scenic highway, such that substantially damaging scenic resources within a state scenic highway would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would result in no impacts to scenic resources within a state scenic highway. It would not alter significant historic structures or buildings or remove mature trees or rock outcroppings that are visible from any officially designated or eligible scenic highway. According to the California Scenic Highway Program, the nearest eligible or officially designated state scenic highway or historic parkway is Arroyo Seco Historic Parkway (State Route 110). The project site is located approximately 2.1 miles southwest of State Route 110, approximately 8.3 miles southwest of the portion of State Route 210 that is an eligible State Scenic Highway (not officially designated), and approximately 12.2 miles southwest of the portion of State Route 2 that is an Officially Designated State Scenic Highway.^{8,9} The 2017 refined project would not affect scenic resources within a State-designated Historic Parkway, Eligible State Scenic Highway, or Officially Designated State Scenic Highway because the project site is not visible from these highways due to intervening topography, distance, taller buildings in Chinatown and the foreground, and tall ornamental trees and shrubs. Therefore, the 2017 refined project would not result in any impact to scenic highways. Therefore, there would be no new or substantially more severe significant impacts to aesthetics related to substantial damage to scenic resources within a state scenic highway when compared to the approved project.

(c) Substantially degrade the existing visual character or quality of the site and its surroundings?

The 2017 refined project would not create new or substantially more severe significant impacts related to substantially degrading the existing visual character or quality of the site and its surroundings, such that substantially degrading the existing visual character or quality of the site and its surroundings would be substantially more severely impacted when compared to the approved project. As with the approved project, the construction phase of the 2017 refined project may have a temporary adverse effect on the existing visual character of the site and its surroundings due to the demolition, waste debris generation, and security barriers required during the

⁸ California Department of Transportation. Accessed 19 September 2016. Scenic Highway Program. Available at: http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/scenic_hwy.htm

⁹ Los Angeles County Department of Regional Planning. Adopted 6 October 2015. *Los Angeles County General Plan 2035*. Available at: <http://planning.lacounty.gov/generalplan/generalplan>

construction activities. However, the approved project would ultimately result in less than significant impacts to visual character or quality. The 2017 refined project would involve leveling and refinishing the Music Center Plaza surface, reconstructing the existing Grand Avenue staircase as a stair flanked on both sides by donor panels and escalators, moving the approximately 50-foot tall "Peace on Earth" Lipchitz sculpture in the center of the Music Center Plaza along the Plaza's east-west axis toward Hope Street, and installation of four up to 40-foot-high electronic media panels displaying digital media on pixels of LED lights. The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two. The aesthetic of the temporary banners would be consistent with the visual character of the existing temporary larger canvas banners displayed within the Mark Taper Forum colonnade to advertise existing and upcoming performances (see Figure 3.1-1, KOPs 26–32 and 34). The 2017 refined project would not involve the removal of the existing fountain in the center of the Music Center Plaza. The 2017 refined project would involve replacing the 20 existing trees in the Music Center Plaza at the same location as the existing planters. These refinements to the project would have the potential to dramatically alter the existing visual character of the Music Center Plaza, which is characterized by a stepped plaza filled with café seating and tables, surrounding a raised platform containing the "Peace on Earth" Lipchitz sculpture and surrounding fountain. Both the 1969 Jacques Lipchitz Peace on Earth sculpture and 1978 Robert Graham Dance Door sculpture are focal points within the Music Center Plaza and along the urban axis from City Hall West to the John Ferraro LADWP headquarters building. The approved project includes the relocation of the Dance Door sculpture to a garden area along Grand Avenue. Concentrating the public seating around the proposed restaurant, café, and bar pavilions at the edge of the Music Center Plaza would constitute an improvement to the overall axial form of this urban feature. The perceived end of the axis would shift from the Music Center Plaza toward the bridge entrance to the John Ferraro LADWP headquarters building. The existing fountains are consistent with the visual character of the fountains in the adjacent Grand Park. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts to aesthetics related to substantial adverse effects to visual character or quality.

(d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

The 2017 refined project would not create new or substantially more severe significant impacts related to the creation of a new source of substantial light or glare that would adversely affect day or nighttime views in the area, such that the creation of a new source of substantial light or glare that would adversely affect day or nighttime views in the project area would be substantially more severely impacted when compared to the approved project. The project area is urban, with street lights on Grand Avenue and Hope Street and pedestrian-scale lights within the Music Center Plaza. Grand Park, the City Hall West building, the John Ferraro LADWP headquarters building, and Walt Disney Concert Hall provide moderate to high levels of nighttime light in the immediate vicinity of the project site. At night, existing light levels at the project site are relatively high, due to uplighting at the fountain in the center of the Music Center Plaza, lights on the 20 trees in the plaza, four globe light lanterns at each corner of the Music Center Plaza, lights oriented down from the roofs of the Dorothy Chandler Pavilion and Mark Taper Forum, lighting within the Dorothy Chandler Pavilion, lighted signs on the façade of the Dorothy Chandler Pavilion, and lighting focused on the textured walls of the Mark Taper Forum (Figure 3.1-2, *Existing Sources of Nighttime Light*). Under the 2017 refined project, nighttime light levels would remain high.



PHOTO 1

View of John Ferraro LADWP Headquarters Building from Grand Park - December 2016



PHOTO 2

View of Grand Park and Los Angeles City Hall from Music Center Plaza at Night - September 2016



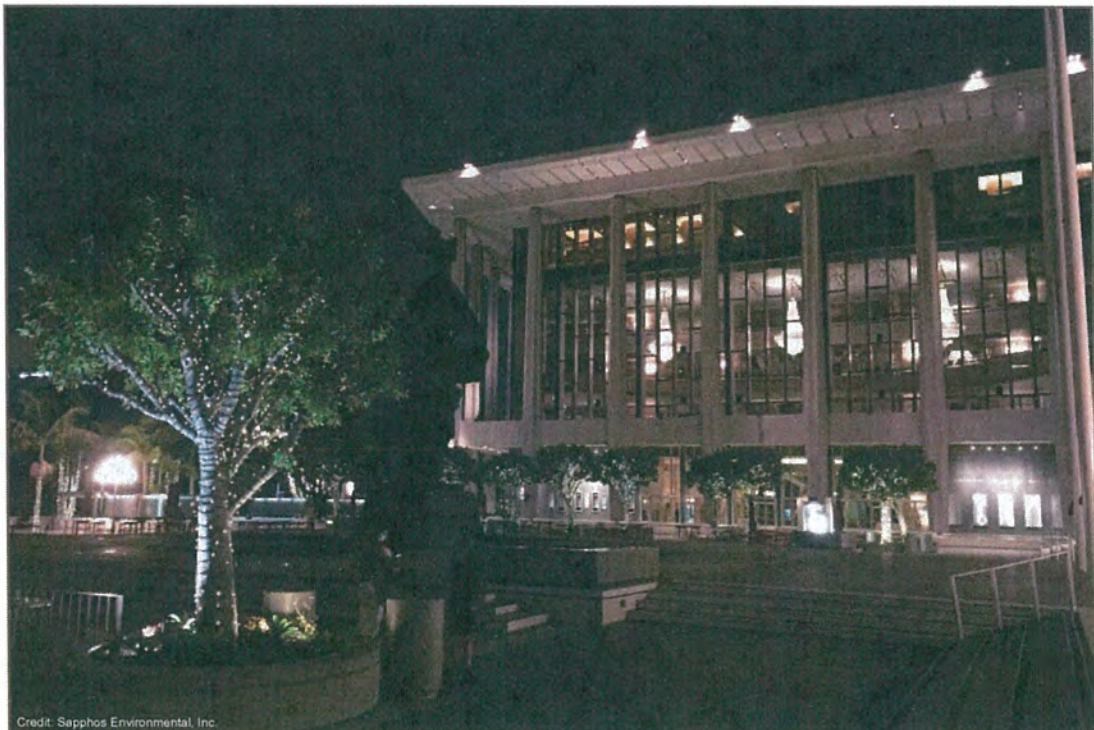
FIGURE 3.1-2
Existing Sources of Nighttime Light



Credit: Joe Wolf at <https://www.flickr.com/photos/joebehr/5063537958/> (accessed 18 April 2017)

PHOTO 3

View of Mark Taper Forum from Music Center Plaza at Night - October 2010



Credit: Sapphos Environmental, Inc.

PHOTO 4

View of Music Center Plaza from Mark Taper Forum at Night - December 2016



FIGURE 3.1-2
Existing Sources of Nighttime Light



PHOTO 5

View of Music Center Plaza and Dorothy Chandler Pavilion at Night - October 2013

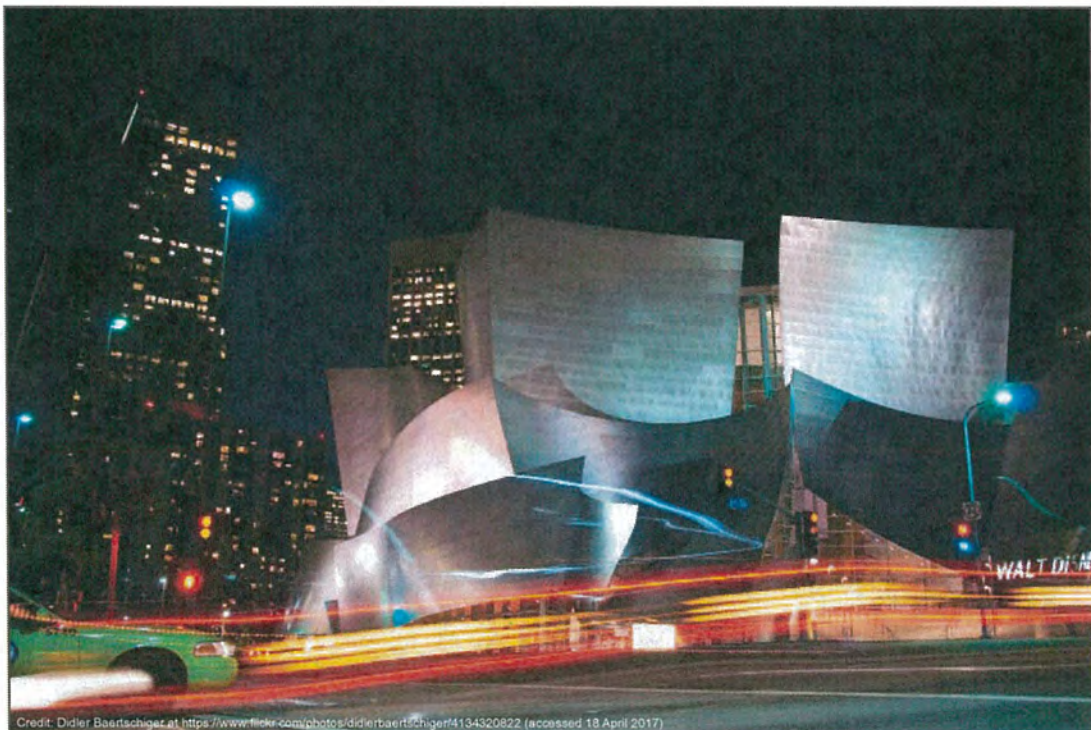
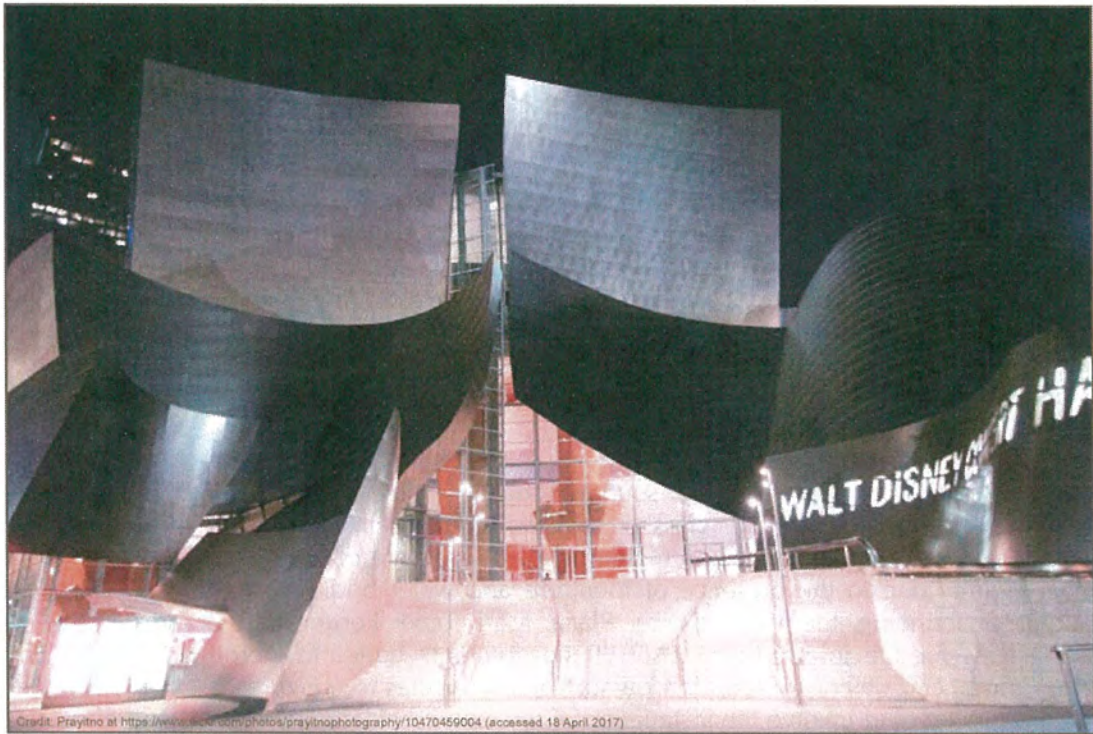


PHOTO 6

View of Walt Disney Concert Hall at Night - November 2009



FIGURE 3.1-2
Existing Sources of Nighttime Light



Credit: Prayitno at <https://www.flickr.com/photos/prayitnophotography/10470459004/> (accessed 18 April 2017)

PHOTO 7

View of Walt Disney Concert Hall at Night - October 2013



FIGURE 3.1-2
Existing Sources of Nighttime Light

According to Earth at Night 2012 data, a composite of city light data acquired by the SuomiNPP satellite over nine days in April 2012 and 13 days in October 2012, the 2017 refined project site is located within the middle of an approximately 3,500-square-mile area characterized by very high existing levels of nighttime light leading to Angeles National Forest and the northern edge of the City of Santa Clarita to the north, the edge of the City of San Bernardino in San Bernardino County to the east, the Pacific Ocean to the south, and the Santa Monica Mountains National Recreation Area and the western edge of the City of Oxnard in Ventura County to the west.¹⁰ The project refinements include the provision of additional lighting beyond the lighting disclosed in the EIR, comprising four up to 40-foot-high electronic media panels that would be covered with LED lights (see Figure 2-1). The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two. Two of the panels would be located on top of Pavilions 1 and 2, along Hope Street and oriented parallel to Hope Street towards the John Ferraro LADWP headquarters building and the Music Center Plaza. The other two panels would be approximately 40 feet in height and located on either side of the Grand Avenue staircase next to Grand Avenue and oriented perpendicular to Grand Avenue towards the Mark Taper Forum and the Dorothy Chandler Pavilion. Mitigation Measure Aesthetic-1 requires County of Los Angeles Department of Public Works review of plans and specifications to ensure that all light fixtures shall use glare-control visors, arc tube suppression caps, and a photometric design that maintains 70 percent of the light intensity in the lower half of the high beam, or comparable design or technology to achieve those criteria.

Within Los Angeles County, the major sources of daytime glare are paved roads, reflective building and infrastructure surfaces (e.g., glass curtain walls), the reflections from motor vehicles, and reflective water bodies. Daytime and nighttime glare levels are moderate to high in the immediate project vicinity due to the presence of fountains and water bodies at the John Ferraro LADWP headquarters building, the Music Center Plaza, Mark Taper Forum, and Grand Park, as well as glass facades for the John Ferraro LADWP headquarters building, Dorothy Chandler Pavilion, Music Center, and other buildings in downtown Los Angeles (see Figures 3-1 and 3-2). The 2017 refined project would involve the installation of four etched glass donor panels and glass pavilions which have the potential to increase existing glare levels. Mitigation Measure Aesthetic-1 has been refined to include reflective glass performance standards to reduce potential impacts from the glass pavilions and donor panels in regard to daytime glare to below the level of significance. As specified in the 2002 Mitigation Monitoring Plan, completion of this measure shall be monitored and enforced by the County of Los Angeles Department of Public Works. As with the approved project, implementation of Mitigation Measure Aesthetic-1 would be required to reduce impacts to aesthetics from new sources of light and glare to a less than significant level.

MITIGATION MEASURES

As with the approved project, the following mitigation measure is recommended for implementation in order to lessen and/or alleviate the impacts related to light and glare expected to result from implementation of the 2017 refined project. The **bold** text in Measure Aesthetic-1 has been added to the approved mitigation measure as part of Addendum No. 4 to the EIR.

¹⁰ NASA Earth Observatory/NOAA NGDC. April and October 2012. Earth at Night 2012. Available from Google Earth.

Measure Aesthetic-1

The potential increase in the amount of light and glare shall be reduced below the threshold for significance by mandating the design type of the light fixtures, light standard height, and light fixture and standard orientation. Prior to completion of final plans and specifications, the County of Los Angeles Department of Public Works shall review the plans and specifications to ensure that all light fixtures shall use glare-control visors, arc tube suppression caps, and shall utilize a photometric design that maintains 70 percent of the light intensity in the lower half of the light beam, or comparable design or technology to achieve those criteria. **Emerging technologies shall be utilized that introduce antireflective coatings or technological innovations that will effectively reduce the refractive index of the architectural glass.** Completion of this measure shall be enforced by the County of Los Angeles Department of Public Works and monitored by the County of Los Angeles Chief Administrative Office.

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

The 2017 refined project would not result in more severe impacts to aesthetics than the approved project. Implementation of the refinements to the project described in Section 2, *Project Description*, would not affect the level of significance after mitigation, as described in the Final EIR. As with the approved project, incorporation of Mitigation Measure Aesthetic-1 would reduce the impacts related to aesthetics to below the level of significance for the 2017 refined project.

SECTION 3.2 AIR QUALITY

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the Grand Avenue and Environs Project (project). The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR), determined that significant impacts related air quality would be reduced below the level of significance through implementation of Mitigation Measures Air-1 through Air-11. Based on the analysis, it has been determined that the refinements to the project do not constitute a “substantial change” under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.2, *Air Quality*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Air-1 through Air-11. Sapphos Environmental, Inc. reviewed the *Grand Avenue Pedestrian Improvement Project Air Quality Report* from March 2002, the 1993 *CEQA Air Quality Handbook*, the National Ambient Air Quality Standards and California Ambient Air Quality Standards for South Coast Air Basin, the Air Quality Element of the County of Los Angeles General Plan, and the City of Los Angeles’ Sustainable City pLAN (pLAN). In addition, this section reviews the potential for the 2017 refined project to substantially increase the severity of impacts related to greenhouse gas (GHG) emissions. The analysis of GHG emissions was not required at the time that the EIR was certified. Therefore, this section includes the regulatory framework that guides the consideration of impacts related to GHG emissions.

GHG Regulatory Framework

AB 32 California Global Warming Solutions Act of 2006

In September 2006, Governor Schwarzenegger signed the California Global Warming Solutions Act of 2006, also known as AB 32 (Núñez, Chapter 488, Statutes of 2006), into law. AB 32 focuses on reducing GHG emissions in California and requires the California Air Resources Board (CARB) to adopt rules and regulations that would achieve GHG emissions equivalent to statewide levels in 1990 by 2020. To achieve this goal, AB 32 mandates that the CARB establish a quantified emissions cap; institute a schedule to meet the cap; implement regulations to reduce statewide GHG emissions from stationary sources; and develop tracking, reporting, and enforcement mechanisms to ensure that reductions are achieved.

The CARB AB 32 Scoping Plan contains the main strategies to achieve the 2020 emissions cap. The GHG reduction strategies contained in the Scoping Plan include direct regulations, alternative compliance mechanisms, monetary and nonmonetary incentives, voluntary actions, and market-based mechanisms such as a cap-and-trade system.

CARB has also developed the GHG mandatory reporting regulation, which required reporting beginning on January 1, 2008, pursuant to requirements of AB 32. The regulations require reporting for certain types of facilities that make up the bulk of the stationary source emissions in California. The regulation language identifies major facilities as those that generate more than 25,000 MTCO₂ per year. Cement plants, oil refineries, electric generating facilities/providers, co-

generation facilities, and hydrogen plants and other stationary combustion sources that emit more than 25,000 MTCO₂ per year make up 94 percent of the point source CO₂ emissions in California.¹

SB 32 California Global Warming Solutions Act of 2006: emissions limit

SB 32 was signed into law by Governor Brown on September 8, 2016. As a continuation of AB 32, SB 32 requires the California Air Resources Board (CARB) to adopt regulations to achieve the maximum technologically feasible and cost-effective greenhouse gas emissions reductions. The bill mandates statewide GHG emission reductions to 1990 levels by 2020 and 40 percent below 1990 levels by 2030. SB 32 focuses on achieving these GHG emission reductions in a manner that benefits the state's most disadvantaged communities and is transparent and accountable.

First Update to the Climate Change Scoping Plan (May 2014)

This First Update to California's Climate Change Scoping Plan was developed by the CARB in collaboration with the Climate Action Team and reflects the input and expertise of a range of state and local government agencies. This report highlights California's success to date in reducing its GHG emissions and lays the foundation for establishing a broad framework for continued emission reductions beyond 2020, on the path to 80 percent below 1990 levels by 2050. The First Update includes recommendations for establishing a midterm emissions limit that aligns with the State's long-term goal of an emissions limit 80 percent below 1990 levels by 2050 and sector-specific discussions covering issues, technologies, needs, and ongoing State activities to significantly reduce emissions throughout California's economy through 2050. The focus areas include energy, transportation, agriculture, water, waste management, and natural and working lands.²

Emissions from 2020 to 2050 will have to decline at more than twice the rate of that which is needed to reach the 2020 statewide emissions limit. In addition to our climate objectives, California also must meet federal clean air standards. Emissions of criteria air pollutants, including ozone precursors (primarily oxides of nitrogen, or NO_x) and particulate matter, must be reduced by, a currently estimated, 90 percent by 2032 to comply with federal air quality standards. The scope and scale of emission reductions necessary to improve air quality is similar to that needed to meet long-term climate targets.³

City of Los Angeles' Sustainable City pLAn

The Sustainability Plan (pLAn), released April 8, 2015, is the first sustainability plan for the City of Los Angeles. The pLAn sets GHG targets to reduce LA's GHG emissions by 45 percent by 2025, 60 percent by 2035, and 80 percent by 2050 compared to the 1990 baseline. The pLAn focuses on both short- and long-term goals for the environment, economy, and equity. The pLAn is further subdivided into 14 main topic areas: Local Water, Local Solar Power, Energy-Efficient Buildings, Carbon & Climate Leadership, Waste & Landfills, Housing & Development, Mobility & Transit, Prosperity & Green Jobs, Preparedness & Resiliency, Air Quality, Environmental Justice, Urban Ecosystem, Livable Neighborhoods, and Lead by Example.

¹ Southern California Association of Governments. 2016. *Regional Transportation Plan / Sustainable Communities Strategy. Program Environmental Impact Report*. Section 3.8 Greenhouse Gas Emissions and Climate Change.

² California Air Resources Board. May 2014. *First Update to the Climate Change Scoping Plan*. Available at: http://www.arb.ca.gov/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf

³ Southern California Association of Governments. 2016. *Regional Transportation Plan / Sustainable Communities Strategy. Program Environmental Impact Report*. Section 3.8 Greenhouse Gas Emissions and Climate Change.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to air quality, than those identified in the 2002 certified EIR, was evaluated in relation to the five questions related to air quality in the State CEQA Guidelines that were used to evaluate the approved project.

(a) Conflict with or obstruct implementation of the applicable air quality plan?

The 2017 refined project would not create new or substantially more severe significant impacts related to conflicting with or obstructing implementation of the applicable air quality plan, such that conflicting with or obstructing implementation of the applicable air quality plan would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The certified Final EIR used the 1999 Air Quality Management Plan (AQMP) as its applicable air quality plan. The South Coast Air Quality Management District (SCAQMD) is currently working on the 2016 AQMP, which is set to be released in late 2016. The federally enforceable AQMP for the 2017 refined project is the 2012 AQMP. The limited scope and scale of the construction activity required for the refinements described in Section 2 would not conflict with the control strategy or measures in the 2012 AQMP. The 2017 refined project would also provide a benefit, related to air quality, to the City of Los Angeles by creating a walkable, more pedestrian-friendly entrance and plaza space to the Music Center. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to conflicting with any applicable air quality plan.

(b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

The 2017 refined project would not create new or substantially more severe significant impacts related to violating any air quality standard or contributing substantially to an existing or projected air quality violation, such that violating any air quality standard or contributing substantially to an existing or projected air quality violation would be substantially more severely impacted when compared to the significant and unavoidable impacts that were identified for the approved project as described below. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As indicated in the certified Final EIR, the project would have construction impacts, operational impacts, and cumulative impacts. The Final EIR analyzed the construction impacts since operational impacts were demonstrated to be less than significant in the Initial Study. Compared to the SCAQMD Air Quality Significance Thresholds, NO_x and PM₁₀ were found to be significant for peak day and peak quarter construction emissions in the EIR. As the other criteria air pollutant emissions are well below the significance thresholds, the construction activity from this Addendum No. 4 of the EIR is not expected to change the findings of significance or contribute substantially to the NO_x and PM₁₀ violations as described in the certified Final EIR. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to violating any air quality standard.

(c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including release in emissions which exceed quantitative thresholds for ozone precursors)?

The 2017 refined project would not create new or substantially more severe significant impacts related to resulting in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard, such that resulting in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The project is located within the South Coast Air Basin, which is in federal nonattainment for 1-hour ozone, 8-hour ozone, 24-hour and Annual PM_{2.5}. The project is also in state nonattainment for 1-hour ozone, 8-hour ozone, PM₁₀, and Annual PM_{2.5}. As indicated in the Final EIR, NO_x and PM₁₀ were found to be significant for peak day and peak quarter construction emissions. Because the construction scenario remains unchanged and would only cause temporary impacts and because there are negligible emissions associated with the operation of the 2017 refined project, there would not be a cumulatively considerable net increase of any pollutant as a result of this Addendum No. 4 of the EIR. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to a cumulatively considerable net increase of any pollutant.

(d) Expose sensitive receptors to substantial pollutant concentrations?

The 2017 refined project would not create new or substantially more severe significant impacts related to exposing sensitive receptors to substantial pollutant concentrations, such that exposing sensitive receptors to substantial pollutant concentrations would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. Land uses identified to be sensitive receptors by SCAQMD in the Air Quality Handbook include residences, schools, medical centers, and parks. Sensitive receptors also include people with respiratory illnesses, children, or elderly people. As indicated in the certified Final EIR and Addenda 1, 2, and 3, there are no sensitive receptors in the vicinity of the project. In present day, the sensitive receptors that could be potentially affected within a quarter mile of the project area include: Grand Park (located across the street), Promenade Condominiums, Museum Tower Apartments, and The Emerson Apartments. Because the construction scenario remains unchanged and would only cause temporary impacts and because there are negligible emissions associated with the operation of the 2017 refined project, these sensitive receptors will not be exposed to substantial pollutant concentrations. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to sensitive receptors.

(e) Create objectionable odors affecting a substantial number of people?

The 2017 refined project would not create new or substantially more severe significant impacts related to creating objectionable odors affecting a substantial number of people, such that creating objectionable odors affecting a substantial number of people would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes

design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As indicated in the certified Final EIR, there are no known sources of odors on site that would be released during construction. Odors from traffic and transportation are not expected to substantially change from the certified Final EIR, which found no carbon monoxide hotspots and no significant impact in relation to objectionable odors. Any potential VOCs that may be emitted from architectural coatings during the construction of the signage or pavilions will be regulated by SCAQMD Rule 402, Nuisance. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to objectionable odors.

Greenhouse Gas Emissions

As the certified EIR and Addenda Nos. 1, 2, and 3 were published before GHG emissions were regulated, GHG emissions were not analyzed previously for this project. The potential for the 2017 refined project to result in significant impacts to GHG emissions was evaluated in relation to two questions recommended for consideration by the State CEQA Guidelines. Would the 2017 refined project:

- (a) **Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?**

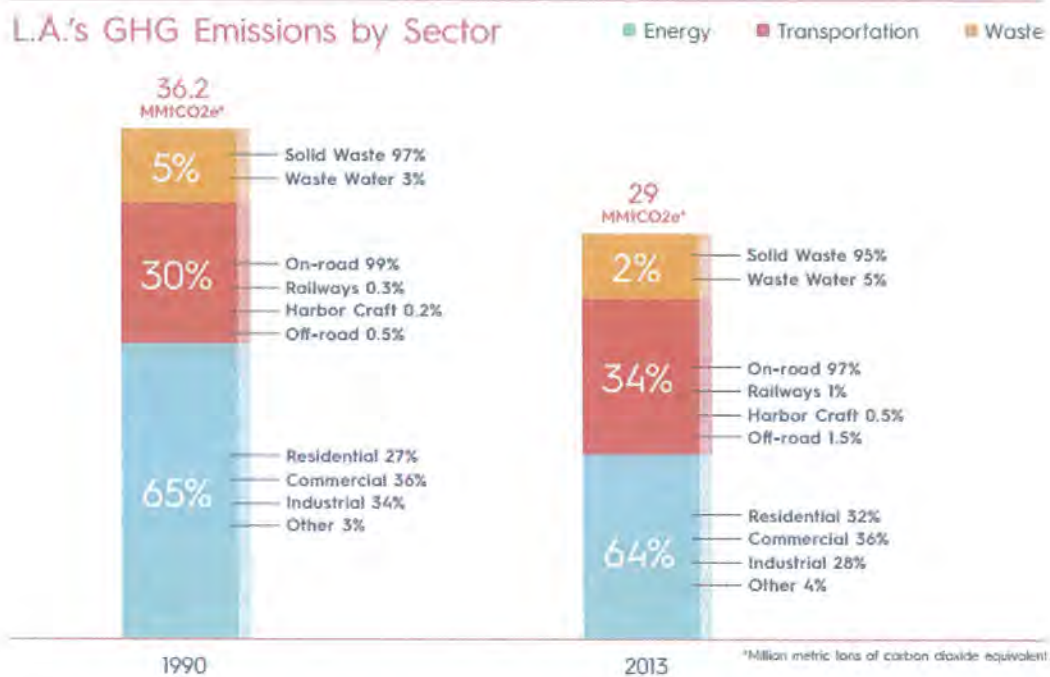
The 2017 refined project would not create new or substantially more severe significant impacts related to generating GHG emissions, either directly or indirectly, such that generating GHG emissions, either directly or indirectly, would be substantially more severely impacted when compared to the approved project. GHG emissions are described on both the county level and city level. The Los Angeles County Regional 2010 Greenhouse Gas Emissions Inventory tracks emission sources, quantities, and trends from GHG causing activities within the County. It is inclusive of all the cities and unincorporated areas that make up Los Angeles County. In 2010, Los Angeles County emitted 99.1 million metric tons of carbon dioxide equivalent (MMTCO₂e), which represents 22 percent of the state's total GHG emissions. The breakdown of GHG emissions by sector for Los Angeles County is as follows: building energy (39.2 percent), on-road transportation (33.5 percent), stationary sources (19.7 percent), solid waste (4.4 percent), water conveyance (1.1 percent), ports (1.1 percent), and other (< 1 percent).⁴

As of 2013, the City of Los Angeles' community-wide GHG emissions inventory was 29 MMTCO₂e. This is 20 percent below the 1990 baseline of 36.2 MMTCO₂e, which is roughly halfway to the City's GHG reduction target of 45 percent below the 1990 baseline by 2025.⁵ Roughly 2/3 of emissions (64 percent) come from energy use in buildings and other stationary sources while 1/3 of emissions (34 percent) come from transportation (Figure 3.2-1, *Los Angeles GHG Emissions*). Nearly all transportation emissions come from on-road mobile sources. The remaining 2 percent of emissions come from waste.

⁴ UCLA Institute of the Environment and Sustainability. "2015 Environmental Report Card for Los Angeles County." 2015. Available at: <http://www.environment.ucla.edu/perch/resources/report-card-2015-energy.pdf>

⁵ City of Los Angeles. "Los Angeles Climate Action Report." 2015. Available at: http://www.lamayor.org/sites/g/files/wph446/f/landing_pages/files/pLAn%20Climate%20Action-final-highres.pdf

L.A.'s GHG Emissions by Sector



source: Los Angeles Bureau of Sanitation Climate Inventory, and with AECOM providing accredited third-party verification services. Data used adheres to GPC standards for "BASIC" level of reporting, which includes Scope 1 and 2 emissions, and Scope 3 waste emissions. Other Scope 3 emissions are not included. Scope 3 includes emissions associated with aviation, shipping, and non DWP-owned water conveyance.

Figure 3.2-1. Los Angeles GHG Emissions⁶

The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. Projects that are likely to have significant GHG emissions are major facilities like those identified in the AB 32 reporting regulation, which exceed 25,000 MTCO₂e. The project description includes minor construction activities for signage/electronic media panels, sculpture relocation, raising the plaza, reconstructing a staircase with two escalators, and up to five small pavilions. None of these activities will generate significant GHG emissions. Therefore, no new construction scenario is analyzed for this Addendum No. 4 of the EIR. In the absence of established GHG emission thresholds, this analysis will utilize the 25,000 MTCO₂e per year threshold recommended by the CAPCOA in January 2008. As with the approved project, the limited scope and scale of the construction activities described in Addendum No. 4 of the EIR would be well below the 25,000 MT CO₂e reporting threshold, and therefore, not result in a significant impact on the environment either directly or indirectly as it relates to GHG emissions. Operational impacts related to GHG emissions would be less than significant as no new traffic would occur and because the 2017 refined project itself is not a source of emissions. The 2017 refined project would also provide a benefit, related to GHG emissions, to the City of Los Angeles by creating a walkable, more pedestrian-friendly entrance and plaza space to the Music Center. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to generating GHG emissions, either directly or indirectly.

⁶ Los Angeles Climate Action Report. 2015.

(b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

The 2017 refined project would not create new or substantially more severe significant impacts related to conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions, such that conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions would be substantially more severely impacted when compared to the approved project. For information on the GHG existing setting, please see question (a) above. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. Because the 2017 refined project would have a less than significant impact related to generating GHG emissions, it is in alignment with AB 32, SB 32, and the pLAN to reduce GHG emissions with the objective of achieving the GHG reduction targets. The 2017 refined project would also provide a benefit, related to GHG emissions, to the City of Los Angeles by creating a walkable, more pedestrian-friendly entrance and plaza space to the Music Center. This type of transit-accessible, pedestrian-friendly, urban neighborhood style of development supports GHG mitigation strategies and the vision of City of LA as written in pLAN. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to conflicting with an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions.

MITIGATION MEASURES

As with the approved project, Mitigation Measures Air-10 through Air-11 are required for implementation in order to lessen and/or alleviate the impacts related to air quality and GHG emissions expected to result from implementation of the 2017 refined project (Appendix A, MMP). As the mitigation measures for air quality would also reduce GHG emissions, no further mitigation measures are proposed.

As indicated in the Final EIR, the County of Los Angeles Department of Public Works and the Music Center requires that all construction comply with SCAQMD regulations, including Rule 402, *Nuisance*, and SCAQMD Rule 403, *Fugitive Dust*.

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

The 2017 refined project would not result in more severe impacts to air quality or greenhouse gas emissions than the approved project. Implementation of the refinements to the project described in Section 2 would not affect the level of significance after mitigation, as described in the Final EIR. As with the approved project, incorporation of Mitigation Measures Air-10 through Air-11 would reduce peak day and peak quarter emissions of PM₁₀ to below the level of significance for the pollutants emitted by construction activities. As with the approved project, emissions of NO_x would remain significant for both peak day and peak quarter and, therefore, is considered a short-term significant impact. GHG emissions would be expected to be below the level of significance with incorporation of Mitigation Measures Air-10 through Air-11.

SECTION 3.3 BIOLOGICAL RESOURCES

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the project. The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR), determined that significant impacts related to biological resources would be reduced below the level of significance through implementation of Mitigation Measures Biota-1 and Biota-2. Based on the analysis, it has been determined that the refinements to the project do not constitute a “substantial change” under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.3, *Biological Resources*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of mitigation measures Biota-1 and Biota-2. In the preparation of this analysis, Sapphos Environmental, Inc. reviewed the EIR; Addenda Nos. 1, 2, and 3 to the EIR; the Los Angeles County General Plan 2035;¹ the City of Los Angeles General Plan;² a query of the California Natural Diversity Database (CNDDDB);³ the California Native Plant Society’s Electronic Inventory (CNPS);⁴ and the U.S. Fish and Wildlife Service’s (USFWS) online system.⁵ In addition, Sapphos Environmental, Inc. conducted a site survey on August 26, 2016.

Although the area affected by the 2017 refined project remains almost identical to the approved project, the CNDDDB has been updated repeatedly over the past 15 years. These updates include the results of field investigations and changes in the status of species promulgated by the USFWS and the California Department of Fish and Wildlife (CDFW). Therefore, an updated query of the CNDDDB was performed to ensure that there was no new information that would change the characterization of baseline resources or analysis of impacts related to special status species or state-designated plant communities of special concern (Table 3.3-1, *Listed and Sensitive Species with Potential to Occur in the Los Angeles Metropolitan Area*). Data were compiled for the USGS topographic quadrangle in which the project is located (Los Angeles), as well as all adjacent quadrangles (Burbank, Pasadena, Mt. Wilson, Hollywood, El Monte, Whittier, South Gate, and Inglewood).

¹ Los Angeles County Department of Regional Planning. Adopted 6 October 2015. *Los Angeles County General Plan 2035*. Available at: <http://planning.lacounty.gov/generalplan/generalplan>

² City of Los Angeles Department of City Planning, 26 September 2001. *Conservation Element of the City of Los Angeles General Plan*.

³ California Department of Fish and Wildlife. 2016. Rarefind 5: California Natural Diversity Database. Sacramento, CA.

⁴ California Native Plant Society. 2016. CNPS Electronic Inventory. Available at: www.cnps.org

⁵ U.S. Fish and Wildlife Service. 2016. Environmental Conservation Online System: Information for Planning and Conservation. Available at: <https://ecos.fws.gov/ipac/>

TABLE 3.3-1
LISTED AND SENSITIVE SPECIES WITH POTENTIAL TO OCCUR IN THE LOS ANGELES METROPOLITAN AREA

Common Name	Scientific Name	Status	General Habitat Description	Present/Absent	Rationale
Plants					
San Gabriel manzanita	<i>Arctostaphylos glandulosa</i> ssp. <i>gabrielensis</i>	CRPR: 1B.2	Chaparral on granitic soils; Elevation: 950-2,000 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Marsh sandwort	<i>Arenaria paludicola</i>	FE, SE, CRPR: 1B.1	Wet meadows, marshes; Elevation: < 300 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Braunton's milk-vetch	<i>Astragalus brauntonii</i>	FE, CRPR: 1B.1	Disturbed areas in chaparral; Elevation: < 650 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Coastal dunes milk-vetch	<i>Astragalus tener</i> var. <i>titi</i>	FE, SE, CRPR: 1B.1	Moist sandy depressions (vernal pool) near coast, coastal bluffs, dunes; Elevation: < 20 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Coulter's saltbush	<i>Atriplex coulteri</i>	CRPR: 1B.2	Alkaline or clay soils, open sites, scrub, coastal bluff scrub; Elevation: < 500 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Parish's brittle-scale	<i>Atriplex parishii</i>	CRPR: 1B.1	Alkaline or clay soils; Elevation: < 470 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Davidson's salt-scale	<i>Atriplex serena</i> var. <i>davidsonii</i>	CRPR: 1B.2	Bluffs; Elevation: < 200 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Nevin's barberry	<i>Berberis nevii</i>	FE, SE, CRPR: 1B.1	Sandy to gravelly soils, washes, chaparral; Elevation: < 650 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Round-leaved filaree	<i>California macrophylla</i>	CRPR: 1B.2	Open sites, grassland, scrub, vertic clay, occasionally serpentine; Elevation: < 1,200 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Slender mariposa-lily	<i>Calochortus clavatus</i> var. <i>gracilis</i>	CRPR: 1B.2	Shaded foothill canyons; Elevation: < 1,000 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Plummer's mariposa-lily	<i>Calochortus plummerae</i>	CRPR: 4.2	Dry, rocky chaparral, yellow-pine forest; Elevation: < 1,700 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Intermediate mariposa-lily	<i>Calochortus weedii</i> var. <i>intermedius</i>	CRPR: 1B.2	Dry, rocky, open slopes; Elevation: < 680 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Lucky morning-glory	<i>Calystegia felix</i>	CRPR: 3.1	Historically associated with wetland and marshy places, but possibly in drier situations as well. Possibly silty loam and meadows and seeps (sometimes alkaline), or riparian scrub (alluvial).	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Southern tarplant	<i>Centromadia parryi</i> ssp. <i>Australis</i>	CRPR: 1B.1	Salt marshes, grassland, vernal pools, coastal scrub; Elevation: < 200 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Smooth tarplant	<i>Centromadia pungens</i> ssp. <i>laevis</i>	CRPR: 1B.1	Open, poorly drained flats, depressions, waterway banks and beds, grassland, disturbed sites; Elevation: 90-500 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
San Fernando Valley spineflower	<i>Chorizanthe parryi</i> var. <i>fernandina</i>	SE, CRPR: 1B.1	Sand; Elevation: 90-500 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Parry's spineflower	<i>Chorizanthe parryi</i> var. <i>parryi</i>	CRPR: 1B.1	Sand; Elevation: 90-800 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
California saw-grass	<i>Cladium californicum</i>	CRPR: 2B.2	Generally alkaline marshes, swamps; Elevation: 2,150 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Peruvian dodder	<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	CRPR: 2B.2	On herbs including <i>Alternanthera</i> , <i>Dalea</i> , <i>Lythrum</i> , <i>Polygonum</i> , <i>Xanthium</i> ; Elevation: +- 500 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Slender-horned spineflower	<i>Dodecahema leptoceras</i>	FE, SE, CRPR: 1B.1	Sand or gravel; Elevation: 200-700 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Many-stemmed dudleya	<i>Dudleya multicaulis</i>	CRPR: 1B.2	Heavy, often clay soils, coastal plains, sandstone outcrops; Elevation: < 600 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
San Diego button-celery	<i>Eryngium aristulatum</i> var. <i>parishii</i>	FE, SE, CRPR: 1B.1	Vernal pools, marshes; Elevation: < 705 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
San Gabriel bedstraw	<i>Galium grande</i>	CRPR: 1B.2	Oak woodland, chaparral; Elevation: 425-1,220 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.

TABLE 3.3-1
LISTED AND SENSITIVE SPECIES WITH POTENTIAL TO OCCUR IN THE LOS ANGELES METROPOLITAN AREA

Common Name	Scientific Name	Status	General Habitat Description	Present/Absent	Rationale
Los Angeles sunflower	<i>Helianthus nuttallii</i> ssp. <i>parishii</i>	CRPR: 1A	Marshes; Elevation: < 500 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Mesa horkelia	<i>Horkelia cuneata</i> var. <i>puberula</i>	CRPR: 1B.1	Dry, sandy, coastal chaparral; Elevation: 70-870 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Coulter's goldfields	<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	CRPR: 1B.1	Saline places, vernal pools; Elevation: < 1,000 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Robinson's pepper-grass	<i>Lepidium virginicum</i> var. <i>robinsonii</i>	CRPR: 4.3	Dry, disturbed areas, bottomland, riverbanks, meadows, fields, pastures, cliffs, scrub; Elevation: < 2,800 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
San Gabriel linanthus	<i>Linanthus concinnus</i>	CRPR: 1B.2	Dry rocky slopes; Elevation: 1,700-2,800 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Davidson's bush-mallow	<i>Malacothamnus davidsonii</i>	CRPR: 1B.2	Slopes, washes; Elevation: 500-700 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
California muhly	<i>Muhlenbergia californica</i>	CRPR: 4.3	Streambanks, canyons; Elevation: 100-2,000 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Gambel's water cress	<i>Nasturtium gambelii</i>	FE, ST, CRPR: 1B.1	Marshes, streambanks, lake margins; Elevation: < 350 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Spreading navaretia	<i>Navaretia fossalis</i>	FT, CRPR: 1B.1	Vernal pools, ditches; Elevation: 30-1,300 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Prostrate vernal pool navaretia	<i>Navaretia prostrata</i>	CRPR: 1B.1	Alkaline floodplains, vernal pools; Elevation: < 700 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
California Orcutt grass	<i>Orcuttia californica</i>	FE, SE, CRPR: 1B.1	Vernal pools; Elevation: < 700 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
White rabbit-tobacco	<i>Pseudognaphalium leucocephalum</i>	CRPR: 2B.2	Sandy or gravelly benches, dry stream bottoms, canyon bottoms; Elevation: < 500 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Parish's gooseberry	<i>Ribes divaricatum</i> var. <i>parishii</i>	CRPR: 1A	Moist woodland; Elevation: 60-310 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Southern mountains skullcap	<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	CRPR: 1B.2	Gravelly soils, stream banks, oak or pine woodland; Elevation: 600-2,000 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
San Bernardino aster	<i>Symphoricarpos deltoideum</i>	CRPR: 1B.2	Grassland, disturbed places; Elevation: < 2,050 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Creata's aster	<i>Symphoricarpos greatae</i>	CRPR: 1B.3	Damp places in canyons; Elevation: 300-2,000 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Sonoran maiden fern	<i>Thelypteris puberula</i> var. <i>sonorensis</i>	CRPR: 2B.2	Along streams, seepage areas; Elevation: 50-800 m.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Invertebrates					
Crotch bumble bee	<i>Bombus crotchii</i>	CSA	Coastal California east to the Sierra-Cascade crest and south into Mexico. Food plant genera include <i>Antirrhinum</i> , <i>Phacelia</i> , <i>Clarkia</i> , <i>Dendromecon</i> , <i>Eschscholzia</i> , and <i>Eriogonum</i> .	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Buck's gallmoth	<i>Carolella busckana</i>	CSA	Coastal sand dunes and coastal scrub habitat.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Reptiles and Amphibians					
Silvery legless lizard	<i>Anniella pulchra pulchra</i>	SSC	Sandy or loose loamy soils under sparse vegetation in chaparral, coastal dunes, or coastal scrub. Soil moisture is essential. They prefer soils with a high moisture content.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Coastal whiptail	<i>Aspidoscelis tigris stejnegeri</i>	SSC	Found in deserts and semiarid areas with sparse vegetation and open areas. Also found in woodland and riparian areas. Ground may be firm soil, sandy, or rocky.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Rosy boa	<i>Charina trivirgata</i>	CSA	Desert and chaparral from the coast to the Mojave and Colorado deserts. Prefers moderate to dense vegetation and rocky cover. Habitats with a mix of brushy cover and rocky soil such as coastal canyons and hillsides, desert canyons, washes and mountains.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.

**TABLE 3.3-1
LISTED AND SENSITIVE SPECIES WITH POTENTIAL TO OCCUR IN THE LOS ANGELES METROPOLITAN AREA**

Common Name	Scientific Name	Status	General Habitat Description	Present/ Absent	Rationale
Western pond turtle	<i>Emys marmorata</i>	SSC	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6000 ft. elevation. Need basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 km from water for egg-laying.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Western spadefoot	<i>Scaphiopus hammondi</i>	SSC	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Coast horned lizard	<i>Phrynosoma blainvillii</i>	SSC	Frequents a wide variety of habitats, most common in lowlands along sandy washes with scattered low bushes. Open areas for sunning, bushes for cover, patches of loose soil for burial, and abundant supply of ants and other insects.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Coast Range newt	<i>Taricha torosa</i>	SSC	Coastal drainages from Mendocino County to San Diego County. Lives in terrestrial habitats and will migrate over 1 km to breed in ponds, reservoirs and slow moving streams.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Two-striped garter snake	<i>Thamnophis hammondi</i>	SSC	Coastal California from vicinity of Salinas to northwest Baja California. From sea to about 7,000 ft. elevation. Highly aquatic, found in or near permanent fresh water. Often along streams with rocky beds and riparian growth.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Birds					
Tricolored blackbird	<i>Agelaius tricolor</i>	SSC, BCC	Highly colonial species, most numerous in Central Valley and vicinity. Largely endemic to California. Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Southern California rufous-crowned sparrow	<i>Aimophila ruficeps canescens</i>	WL	Resident in Southern California coastal sage scrub and sparse mixed chaparral. Frequents relatively steep, often rocky hillsides with grass and forb patches.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Burrowing owl	<i>Athene cucularia</i>	SSC, BCC	Open, dry annual or perennial grasslands, deserts and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Swainson's hawk	<i>Buteo swainsoni</i>	ST, BCC	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannas, and agricultural or ranch lands with groves or lines of trees. Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FT, SE, BCC	Riparian forest nester, along the broad, lower flood-bottoms of larger river systems. Nests in riparian jungles of willow, often mixed with cottonwoods, lower story of blackberry, nettles, or wild grape.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Black swift	<i>Cypseloides niger</i>	SSC, BCC	Coastal belt of Santa Cruz and Monterey Counties; central and southern Sierra Nevada; San Bernardino and San Jacinto Mountains. Breeds in small colonies on cliffs behind or adjacent to waterfalls in deep canyons and sea-bluffs above the surf; forages widely	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>	FE, SE	Riparian woodlands in Southern California.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
American peregrine falcon	<i>Falco peregrine anatum</i>	Federally delisted, State delisted, FP, BCC	Near wetlands, lakes, rivers, or other water; on cliffs, banks, dunes, mounds; also, human-made structures. Nest consists of a scrape or a depression or ledge in an open site.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Coastal California gnatcatcher	<i>Poliophtila californica californica</i>	FT, SSC	Obligate, permanent resident of coastal sage scrub below 2,500 ft. in Southern California. Low, coastal sage scrub in arid washes, on mesas and slopes. Not all areas classified as coastal sage scrub are occupied.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Bank swallow	<i>Riparia riparia</i>	ST	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Least Bell's vireo	<i>Viola belli pusillus</i>	FE, SE	Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms; below 2,000 ft. Nests placed along margins of bushes or on twigs projecting into pathways, usually willow, <i>Baccharis</i> , mesquite.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.

**TABLE 3.3-1
LISTED AND SENSITIVE SPECIES WITH POTENTIAL TO OCCUR IN THE LOS ANGELES METROPOLITAN AREA**

Common Name	Scientific Name	Status	General Habitat Description	Present/ Absent	Rationale
Mammals					
Nelson's antelope squirrel	<i>Ammospermophilus nelsoni</i>	ST	Western San Joaquin Valley from 200-1200 ft. elevation. On dry, sparsely vegetated loam soils. Dig burrows or use kangaroo rat burrows. Need widely scattered shrubs, forbs and grasses in broken terrain with gullies and washes.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Pallid bat	<i>Antrozous pallidus</i>	SSC	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rocky areas for roosting. Roosts must protect bats from high temperatures.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	SSC	Throughout California in a wide variety of habitats. Most common in mesic sites. Roosts in the open, hanging from walls and ceilings. Roosting sites limiting.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Western mastiff bat	<i>Eumops perotis californicus</i>	SSC	Many open, semi-arid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grasslands, chaparral, etc. Roosts in crevices in cliff faces, high buildings, trees and tunnels.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Silver-haired bat	<i>Lasiorycteris noctivagans</i>	CSA	Primarily a coastal and montane forest dweller feeding over streams, ponds and open brushy areas. Roosts in hollow trees, beneath exfoliating bark, abandoned woodpecker holes and rarely under rocks. Needs drinking water.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Hoary bat	<i>Lasiurus cinereus</i>	CSA	Prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding. Roosts in dense foliage of medium to large trees. Feeds primarily on moths. Requires water.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Western yellow bat	<i>Lasiurus xanthinus</i>	SSC	Found in valley foothill riparian, desert riparian, desert wash, and palm oasis habitats. Roosts in trees, particularly palms. Forages over water and among trees.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
South coast marsh vole	<i>Microtus californicus stephensi</i>	SSC	Tidal marshes in Los Angeles, Orange and southern Ventura counties.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
San Diego desert woodrat	<i>Neotoma lepida intermedia</i>	SSC	Coastal scrub of Southern California from San Diego County to San Luis Obispo County. Moderate to dense canopies preferred. They are particularly abundant in rock outcrops and rocky cliffs and slopes.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Pocketed free-tailed bat	<i>Nyctinomops femorosaccus</i>	SSC	Variety of arid areas in Southern California; pine-jumper woodlands, desert scrub, palm oasis, desert wash, desert riparian, etc. Rocky areas with high cliffs.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Big free-tailed bat	<i>Nyctinomops macrotis</i>	SSC	Low-lying arid areas in Southern California. Need high cliffs or rocky outcrops for roosting sites. Feeds principally on large moths.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
Southern grasshopper mouse	<i>Onychomys torridus ramona</i>	SSC	Desert areas, especially scrub habitats with friable soils for digging. Prefers low to moderate shrub cover. Feeds almost exclusively on arthropods, especially scorpions and orthopteran insects.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.
American badger	<i>Taxidea taxus</i>	SSC	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	A	Project site does not contain suitable habitat. Not observed during 2016 site visit.

KEY:

A = absent; no habitat present and no further work needed; BCC = USFWS Birds of Conservation Concern; CH = project footprint is located within a designated critical habitat unit, but does not necessarily mean that appropriate habitat is present; CRPR = California Rare Plant Rank; CSA = California Special Animal; FC = Federal Candidate; FE = Federally endangered; FP = California Department of Fish and Wildlife Fully Protected; FT = Federally threatened; ft = foot; HP = habitat present; habitat is, or may be present; the species may be present; m = meter; MSL = mean sea level; P = species was present and observed during surveys; SE = State endangered; SSC = California Department of Fish and Wildlife Species of Special Concern; ST = State threatened; WL = California Department of Fish and Wildlife Watch List species

CRPR Rankings:

- 1A: Presumed extirpated in California and either rare or extinct elsewhere
- 1B: Plants rare, threatened, or endangered in California and elsewhere
- 2A: Plants presumed extirpated in California, but common elsewhere
- 2B: Plants rare, threatened, or endangered in California, but more common elsewhere
- 3: Plants about which more information is needed - A Review List
- 4: Plants of limited distribution - A Watch List

Threat Ranks

- 0.1-Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
- 0.2-Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)
- 0.3-Not very threatened in California (less than 20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

CNDD8 Global and State ranks:

- G1 S1: fewer than 6 viable occurrences
- G2 S2: 6-20 viable occurrences worldwide/statewide
- G3 S3: 21-100 viable occurrences worldwide/statewide
- G4 S4: greater than 100 viable occurrences worldwide/statewide
- G5 S5: demonstrably secure because of its worldwide/statewide abundance

NR: not ranked

Additional threat ranks: 0.1: very threatened; 0.2 threatened; 0.3 no current threat known.

NOTE:

California Special Animal (CSA) is a general term that refers to all of the taxa the CNDD8 is interested in tracking, regardless of their legal or protection status. The Department of Fish and Wildlife considers the taxa on this list to be those of greatest conservation need. For those species with statuses identified by USFWS and/or CDFW, the status is noted. Those species included on the list due to identification by other governmental agencies and/or non-governmental conservation organizations are listed as CSA.

SOURCES:

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Calflora. 2016. Calflora Online Database. Available at: www.calflora.org

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California Herps. 2016. A Guide to the Amphibians and Reptiles of California. Available at: www.californiaherps.com/index.html

California Native Plant Society. 2016. CNPS Electronic Inventory. Available at: www.cnps.org

NatureServe. 2016. NatureServe Explorer: An Online Encyclopedia of Life, Version 7.1. Arlington, VA: NatureServe. Available at: <http://www.natureserve.org/explorer>

Sawyer, J.O., T. Keeler-Wolf, and J.M. Evens. 2009. A Manual of California Vegetation, 2nd edition. California Native Plant Society, Sacramento, CA.

United States Fish and Wildlife Service. 2016. Environmental Conservation Online System: Information for Planning and Conservation. Available at: <https://ecos.fws.gov/ipac/>

Listed and Sensitive Plant Species

Review of the CNDDDB identified 10 listed and 30 sensitive plant species as having historic or recent recorded occurrences within Metropolitan Los Angeles and the surrounding regions. Table 3.3-1 includes plant species listed as endangered, threatened, or rare pursuant to the Federal and State Endangered Species Acts. Sensitive plant species are those not listed pursuant to the Federal or State Endangered Species Acts but those identified by the California Native Plant Society as species that should be considered when assessing the potential effects of projects. As a result of an updated survey, the urbanized land use does not provide suitable habitat for any of the listed or other special status plant species known from the vicinity of the project area.

Listed and Sensitive Wildlife Species

Review of the CNDDDB identified 7 listed and 28 sensitive wildlife species as having historic or recent occurrences in Metropolitan Los Angeles or the surrounding region. Table 3.3-1 includes wildlife species listed as endangered, threatened, or rare pursuant to the Federal and State Endangered Species Acts. Sensitive wildlife species are those not listed pursuant to the State or Federal Endangered Species Acts but those proposed for listing or identified by the USFWS as a Federal Species of Concern or by the CDFG as a California Species of Special Concern. Based upon a review of the habitat requirements of each wildlife species it was determined that none of the listed or sensitive wildlife species has the potential to occur within the proposed project area.

Wildlife Dispersal/Migration Corridors

The proposed project area is located in the midst of a large urban built-out area and is surrounded on all sides by urban and commercial development and does not support any natural plant community, open space, streams, or drainage, and thus does not function as a wildlife dispersal or migration corridor.

Oak Trees

The proposed project does not support any oak trees that would otherwise be afforded protection pursuant to the City of Los Angeles Oak Tree Ordinance.

Other Mature Trees

There are 23 existing mature landscape trees that line the northwest and southeast sides of Grand Avenue.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to biological resources, than those identified in the 2002 certified EIR, was evaluated in relation to the six questions related to biological resources in the State CEQA Guidelines that were used to evaluate the approved project.

- (a) **Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFG or USFWS?**

The 2017 refined project would not create new or substantially more severe significant impacts related to having a substantial adverse effect on any species identified as a candidate, sensitive, or special status species as defined by the CDFW or USFWS, such that having a substantial adverse effect on any species identified as a candidate, sensitive, or special status species as defined by the CDFW or USFWS would be substantially more severely impacted when compared to the approved project. Updated queries of the CNDDDB,⁶ the CNPS,⁷ and the USFWS⁸ were conducted to ensure that there was no new information that would change the characterization of baseline resources or analysis of impacts related to sensitive natural communities (Table 3.3-1). The queries identified 10 listed and 30 sensitive plant species as well as seven listed and 28 sensitive wildlife species as having historic or recent recorded occurrences within Metropolitan Los Angeles and the surrounding regions. Based upon a review of the habitat requirements and a walkover survey conducted on August 26, 2016, it was determined that none of the listed or sensitive plant or wildlife species is present or have the potential to occur within the 2017 refined project area.

The 2017 refined project site is located in the midst of a large urban built-out area and contains no natural areas. The site consists of existing and functional buildings, including the Music Center Campus, the County of Los Angeles Mall, and the Grand Avenue right-of-way, which has been designated as a major highway by the City of Los Angeles Public Works Department. There is no suitable habitat for the any of the expanded list of sensitive plants, wildlife and habitats. None of the seven listed plant species, seven listed wildlife species, 30 sensitive plant species, or 28 sensitive wildlife species that have the potential to be present within the Greater Los Angeles Metropolitan Area are present in the area affected by the 2017 refined project. Therefore, as with the approved project, the 2017 refined project would have no impact on listed or special status species of plants or wildlife.

- (b) **Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the CDFW or USFWS?**

The 2017 refined project would not create new or substantially more severe significant impacts related to having a substantial adverse effect on riparian habitat or other sensitive natural communities identified by the CDFW or USFWS, such that having a substantial adverse effect on riparian habitat or other sensitive natural communities identified by the CDFW or USFWS would

⁶ California Department of Fish and Wildlife. 2016. Rarefind 5: California Natural Diversity Database. Sacramento, CA.

⁷ California Native Plant Society. 2016. CNPS Electronic Inventory. Available at: www.cnps.org

⁸ U.S. Fish and Wildlife Service. 2016. Environmental Conservation Online System: Information for Planning and Conservation. Available at: <https://ecos.fws.gov/ipac/>

be substantially more severely impacted when compared to the approved project. An updated query of the CNDDDB was performed to ensure that there was no new information that would change the characterization of baseline resources or analysis of impacts related to sensitive natural communities. As described in the EIR and confirmed via an inspection of the site on August 26, 2016, the 2017 refined project is located in the midst of a large urban built-out area and does not contain any lakes, streams, or other drainages that have the potential to support riparian or wetland vegetation. As a result of a walkover survey, the entire Music Center is characterized by hardscape with appurtenant ornamental plantings along North Grand Avenue, West 1st Street, North Hope Street, and West Temple Street and on the Music Center Plaza. The changes in the footprint of the refined project are minor, and the 2017 refined project remains in the area reviewed that has no potential to support state designated natural communities of special concern. Therefore, as with the approved project, the 2017 refined project would result in no impact or new or more severe significant impacts related to riparian habitat or other sensitive natural communities.

(c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

The 2017 refined project would not create new or substantially more severe significant impacts related to having a substantial adverse effect on federally protected wetlands, such that having a substantial adverse effect on federally protected wetlands would be substantially more severely impacted when compared to the approved project. The EIR found no federally protected wetlands to be present within the project site. The USGS 7.5-minute series Los Angeles topographic quadrangle was reviewed to assess the potential presence of lakes, streams, or other drainages that have the potential to support riparian or wetland vegetation. As described in the EIR and confirmed via an inspection of the site on August 26, 2016, the site is located in the midst of a large urban built-out area and does not contain any lakes, streams, or other drainages that have the potential to support riparian or wetland vegetation. Therefore, as the approved project, the 2017 refined project would result in no impact and would not create new or more or more severe significant impacts on federally protected wetlands.

(d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

The 2017 refined project would not create new or substantially more severe significant impacts related to interfering substantially with the movement of native migratory fish and wildlife species that are using established native migratory wildlife corridors or native wildlife nursery sites, such that interfering substantially with the movement of native migratory fish and wildlife species that are using established native migratory wildlife corridors or native wildlife nursery sites would be substantially more severely impacted when compared to the approved project. As described in the EIR and confirmed via an inspection of the site on August 26, 2016, the 2017 refined project site consists of development, and is bordered to the north, east, south, and west by development including buildings, parking lots, and streets. There are no open spaces, water bodies, or stream courses on-site or immediately adjacent to the site that would facilitate movement of migratory fish or wildlife. The changes in the footprint of the refined project are minor, and the 2017 refined project remains within the limits of the area of approved project. Therefore, as with the approved project, the 2017 refined project would result in no impacts and would not create new or more or more severe significant impacts on the movement of native migratory fish and wildlife species that are using established native migratory wildlife corridors or native wildlife nursery sites.

(e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

The 2017 refined project would not create new or substantially more severe significant impacts related to conflicts with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance, such that conflicts with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance would be substantially more severely impacted when compared to the approved project. The improvements to the right of way for Grand Avenue (a City of Los Angeles easement) and adjacent public properties owned by the County of Los Angeles described for the approved project have been completed. The landscape improvements within the Music Center Plaza are located on property administered by the County of Los Angeles and are subject solely to compliance with the Los Angeles County of Public Works Master Parkway/Median Tree List (County of Los Angeles Department of Public Works, undated). The Street Tree Selection Guide (City of Los Angeles Department of Public Works Bureau of Street Services, Street Tree Division, undated) identifies the trees that are considered appropriate for treatment of public rights-of-way in the County of Los Angeles and City of Los Angeles. The area of the 2017 refined project was surveyed on August 26, 2016, and it was determined that there are no mature oak trees within the site of the 2017 refined project (Figure 3.3-1, *August 2016 Survey of Existing Trees on Project Site*). However, similar to the approved project, there are 20 existing landscape trees (Indian Laurel Fig [*Ficus microcarpa*]) that would be removed and replaced with new ornamental landscape trees at in the same location as the existing planters as a result of the 2017 refined project. As with the approved project, the 2017 refined project would require conformance of mitigation measure Biota-1. Mitigation Measure Biota-2 is not applicable to this element of the project because it involves the replacement of street trees. As with the approved project, conformance with Mitigation Measure Biota-1 would reduce impacts to a less than significant level. Therefore, as with the approved project, the 2017 refined project would result in less than significant impacts and would not create new or more severe significant impacts related to conflicts with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.

(f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

The 2017 refined project would not create new or substantially more severe significant impacts related to conflict with the provisions of an adopted Habitat Conservation Plan (HCP) or Natural Community Conservation Plans (NCCP), such that conflict with the provisions of an adopted HCP or NCCP would be substantially more severely impacted when compared to the approved project. No new HCPs have been proposed or included adjacent to the 2017 refined project site; nor have the County of Los Angeles or the City of Los Angeles enrolled in, or made future plans to be enrolled in, an NCCP program.⁹ Therefore, compared with the approved project, the 2017 refined project would not be expected to result in new conflict with any HCP or NCCP.

⁹ California Department of Fish and Wildlife. 2016. Natural Community Conservation Planning (NCCP), California Regional Conservation Plans Map. Available at: <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=68626&inline>

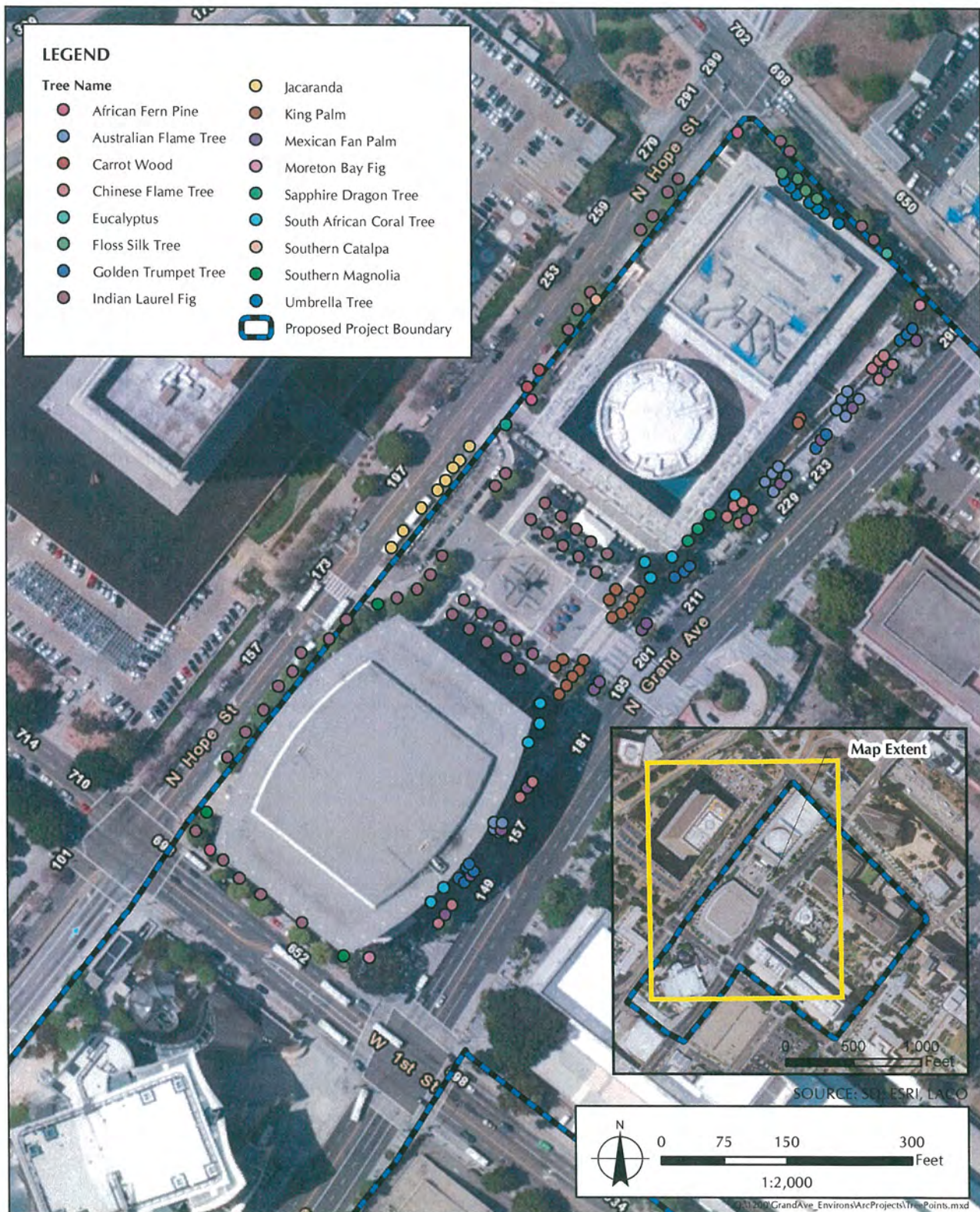


FIGURE 3.3-1
August 2016 Survey of Existing Trees on Project Site

MITIGATION MEASURES

As the 2017 refined project would be anticipated to result in similar impacts to biological resources compared to the approved project, conformance with Mitigation Measure Biota-1 would be required. The **bold** text in Measure Biota-1 has been added to the approved mitigation measure as part of Addendum No. 4 to the EIR.

Measure Biota-1

Prior to completion of final plans and specifications for the Grand Avenue Realignment element **and the Music Center Improvements element** of the project, the County of Los Angeles Department of Public Works shall review the final plans and specifications to ensure that the contractor is apprised of the requirements of the Migratory Bird Treaty Act and encouraged to remove the Mature Trees **and existing trees in the Music Center Plaza** outside of the breeding season. Pursuant to the Migratory Bird Treaty Act, construction efforts should be scheduled outside of the bird breeding season (March 15-September 1). If construction is scheduled to take place during bird breeding season (March 15-September 1), the County of Los Angeles, or its designee, shall direct a qualified biologist to complete weekly bird surveys to detect any potentially nesting songbirds or raptors in the landscape trees scheduled for removal and any other similar habitat within 300 feet of the construction area (within 500 feet for raptors). Should songbirds or raptors be observed nesting within trees scheduled for removal or within 300 feet of the construction area, construction shall be suspended within 300 feet of the tree containing the nesting songbird or raptor until such time as a qualified biologist determines if construction activities are interfering with nesting activities. If construction activities are determined to not interfere with nesting activities, construction may continue with a biological monitor present. Should a tree scheduled for removal be determined to contain an active nest, removal of that tree shall be delayed until the nest is determined to be inactive or a permit is granted by the USFWS for take pursuant to the Migratory Bird Treaty Act.

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

The 2017 refined project would not result in more severe impacts to biological resources than the approved project. As with the approved project, the 2017 refined project would have no impacts related to special status species, state-designated natural communities of special concern, Waters of the United States, wildlife movement corridors, or areas afforded long-term protection through a HCP, NCCP, or another local conservation mechanism. As with the approved project, impacts on mature trees and nesting birds from the 2017 refined project would be reduced to a less than significant level through conformance with Mitigation Measure Biota-1.

SECTION 3.4

CULTURAL RESOURCES

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the Grand Avenue and Environs Project (project). The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR) determined that significant impacts related to historical resources would remain significant and unavoidable after the consideration of three mitigation measures, Mitigation Measures Cultural-1 through -3. Measures Cultural-4 and -5 were determined to reduce impacts on archaeological resources to below the level of significance. Similarly, Measures Cultural-6 and -7 were determined to reduce impacts related to the potential unanticipated discovery of human remains to below the threshold of significance. Measures Cultural-8 and -9 were determined to reduce impacts to paleontological resources to below the level of significance. As a result of the *Initial Study*,¹ the County of Los Angeles determined that the Grand Avenue and Environs Project (proposed project) has the potential to result in impacts to cultural resources. Implementation of Cultural Measures 1 through 3 would reduce impacts to historical resources to the maximum extent practicable; however, impact to the potential eligibility of the Music Center for listing in the National Register of Historic Places or the California Register of Historical Resources would remain significant. The County has determined that the refinements to the Grand Avenue and Environs project do not constitute an additional “substantial adverse change” under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2 result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the approved project. The proposed refinements are consistent with Section 3.4, *Cultural Resources*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of mitigation measures Cultural-1 and Cultural-2. Measures Cultural-3 through -10 are not applicable to the Music Center Improvements element of the project, which would not involve grading. The evaluation of potential impacts to character-defining features of the Music Center, which is eligible for listing in the National Register of Historic Places and the California Register of Historical Resources, is required to assess the potential of the refined project to result in a substantial adverse change to a historical resource.

This section is based on a review of the findings of the Initial Study related to paleontological resources, the results of previously completed archaeological surveys, and the Historical Resources Assessment for the Music Center campus EIR. Due to the time elapsed since certification of the EIR, and adoption of the Addenda to the EIR, updated records and field studies, including Historic American Buildings Survey (HABS), have been conducted. The record searches were completed at the South Central Coast Information Center (SCCIC), the Natural History Museum (NHM), and with the Native American Heritage Commission Sacred Lands File. Field investigations were undertaken on August 26, 2016, and September 3, 2016. The HABS documentation of the project refinements was completed, consistent with the provisions of Measure Cultural-1 of the EIR. The focus of the HABS documentation was those character-defining features that are being relocated or covered.

¹ County of Los Angeles Chief Administrative Office, 1 November 2001. *Grand Avenue Pedestrian Improvements Project Initial Study*. Contact: Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, CA 90012. Prepared by Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

Although the area that is affected by the 2017 refined project remains almost identical to the area that would have been affected by the approved project, as described in the EIR, information at the SCCIC regarding previously recorded cultural resources and at the NHM regarding previously recorded paleontological resources has been updated within the past 15 years. Therefore, an updated record search was performed to ensure that there was no new information that would change the characterization of baseline resources or analysis of impacts related to cultural resources.

The project area is located in the midst of a large urban built-out area and contains no natural areas; it consists of existing and functional buildings, which is bordered to the north, east, south, and west by development, including buildings, parking lots, and streets.

Historical Resources

The project study area is limited to the footprint of the proposed improvements. A cultural resource record search was conducted by staff at the SCCIC on August 25, 2011 and July 16, 2013 for both the project study area and a 0.25-mile search radius buffer. An updated cultural resource record search of the project study area and a 0.25-mile search radius buffer was conducted by SCCIC staff on August 24, 2016. The results of the updated record search confirmed the results of the previous record searches, and no additional historical resources have been documented in the project study area. As a result of a record searches at the SCCIC, it was determined that there are five previously recorded historical resources within the project vicinity, and 13 historical resources have been previously recorded adjacent to the project area, within 0.25-mile (Table 3.4-1, *Historical Resources*).

**TABLE 3.4-1
HISTORICAL RESOURCES**

Primary	Resource Type	Historical Resource Pursuant to CEQA	Location	Description
P-19-170974	Structure	Yes	Within 0.25-mile buffer but outside project study area (buffer only)	Court of Flags, Civic Center Mall
P-19-173174	Building	Yes	Buffer only	Hall of Justice
P-19-186619	Building	Yes	Buffer only	Los Angeles County Law Library
P-19-186620	Building	Yes	Buffer only	Los Angeles County Hall of Records
P-19-186621	Building	Yes	Buffer only	County Criminal Courts Building
P-19-186622	Building	Yes	Buffer only	Los Angeles County Courthouse
P-19-187561	Bridge	No	Adjacent to the project study area (adjacent)	Bridge 53-0623G
P-19-187562	Bridge	No	Adjacent	Bridge 53-0623H
P-19-187563	Bridge	No	Adjacent	Bridge 53-0623L
P-19-187564	Bridge	No	Adjacent	Bridge 53-0623R
P-19-190551	Building	Yes	Within the project study area (within)	111 South Grand Avenue building (No. 4-4)
P-19-190552	District	Yes	Adjacent	Downtown Los Angeles street features
P-19-190553	Building	Yes	Adjacent	111 North Hope Street building (No. 5-1)
P-19-190554	Building; Structure; Element of District	Yes	Within	135 North Grand Avenue buildings, structures and landscape (No. 5-2)
P-19-190555	Building; Structure; Element of District	Yes	Within	135 North Grand Avenue buildings, structures and landscape (No. 5-2)
P-19-190558	Structure; Element of District	Yes	Within	224 Grand Avenue structure and landscape (No. 5-6)
P-19-190559	Building; Structure; Element of District	Yes	Adjacent	301 North Broadway building and structure (No. 5-8)
P-19-190561	Building; Element of District	Yes	Adjacent	111 East 1st Street building (No. 6-4)

Music Center

The Music Center campus was evaluated as a historical resource pursuant to CEQA for the purpose of the approved project.² The Historical Resources Assessment determined the Music Center to be potentially eligible for listing in the National Register of Historic Places. The Historical Resources Assessment identified the period of significance for the Music Center to be 1969, the year in which the Jacques Lipschitz sculpture, "Peace on Earth," was dedicated. Although the Music Center is less than 50 years old, it was determined that the facility meets the criteria for exceptional importance based upon the role of Dorothy Chandler in the development of the Music Center campus and her role in the development of Los Angeles. The Music Center is composed of three areas: the Music Center campus, the Walt Disney Concert Hall, and the Music Center annex.

Designed in the New Formalism style as architecture and urban design, the Music Center campus is a three building performing arts complex consisting of the Dorothy Chandler Pavilion, a symphony hall, opera house, and theater dedicated in December 1964; the Mark Taper Forum, a theater in the round conceived for chamber music and experimental theater, dedicated in April 1967; and the Ahmanson Theatre, an auditorium used for theater and musical performances, also dedicated in April 1967. The three buildings rest on a roughly rectangular raised base or podium, which is elevated one story above grade from Grand Avenue and placed over a four-level, 2,000-car parking structure.

The Dorothy Chandler Pavilion dominates the southern end of the complex. Occupying the north end are the geometric forms of the circular Mark Taper Forum and the nearly square Ahmanson Theatre, which together are circumscribed by a 48-foot tall, 25-foot wide freestanding colonnade. Their united forms provide a visual counterbalance to the Pavilion. A large depressed plaza at the center of the complex represents a formal courtyard at the western end of the main Civic Center Mall and serves to focus and unite the Music Center composition. Landscape elements are used to reinforce the formal geometry of the plaza through the use of parallel rows of trees, while continuous edge planters frame the composition, softening the hard edges of the complex and creating a buffer along the street. The Lipschitz sculpture, "Peace on Earth," is the focal point of the plaza.

Archaeological Resources

As a result of a records search at the SCCIC, it was determined that there are no previously recorded archaeological resources within the project area. One archaeological resource (P-19-120015) has been previously recorded adjacent to the project area, within one-quarter mile (Table 3.4-2, *Archaeological Resources*).

² County of Los Angeles. 2002. Draft Environmental Impact Report: Grand Avenue and Environs Project. State Clearinghouse No.: 2001101166. Prepared for: County of Los Angeles Chief Executive Office. Prepared by: Sapphos Environmental, Inc., Pasadena, CA.

**TABLE 3.4-2
ARCHAEOLOGICAL RESOURCES**

Primary	Resource Type	Age	Within or Adjacent to Project Property	Description
P-19-120015	Site	Prehistoric	Adjacent	Human remains

P-19-120015: This site consists of human remains recovered within native sediments during construction activities in 1957 at a depth of 11 feet below ground surface. The site was overlain by 9 feet of fill and 2 feet of the natural stratigraphy. No artifacts were associated with the human remains. A later report indicated that the remains may have been redeposited in 1950-51 when the old Pacific and Electric train tunnel was filled in.

Paleontological Resources

As determined in the EIR, excavation required to construct the proposed project would not be expected to result in significant impacts to paleontological resources. An evaluation of paleontological resources within one mile of the proposed project site by NHM includes a summary of nearby paleontological records.

One vertebrate fossil locality may lie directly within the proposed project boundaries or adjacent to it, and other fossil vertebrate localities are nearby from the same sedimentary deposits that occur in the proposed project area. Much of the proposed project area originally had surface deposits of older Quaternary Alluvium. In the very southeastern portion of the proposed project area there are exposures of the marine Pliocene Fernando Formation. The northeastern, central, and southwestern portions of the proposed project area has exposures of the marine late Miocene Yorba Member of the Puente Formation (also referred to as an Unnamed Shale in this area), that also underlies younger deposits in the rest of the proposed project area. The closest vertebrate fossil locality from older Quaternary Alluvium is LACM 1755, south-southwest of the proposed project area near the intersection of Hill Street and 12th Street that produced a fossil specimen of horse, *Equus*, at a depth of 43 feet below the surface. The next closest vertebrate fossil locality from these older Quaternary deposits is LACM 1023, just northeast of the proposed project area to the east of Taylor Junction and east of the Golden State Freeway (I-5) near the intersection of Workman Street and Alhambra Avenue, where excavations for a storm drain recovered fossil specimens of turkey, *Meleagris californicus*, sabre-toothed cat, *Smilodon fatalis*, horse, *Equus*, and deer, *Odocoileus*, at unstated depth. A specimen of the turkey, *Meleagris*, from this locality was published in the scientific literature by D. W. Steadman.³ Just south of locality LACM 1023, still east of the Golden State Freeway but near the intersection of Mission Road and Daly Street, there is another older Quaternary locality, LACM 2032, that produced fossil specimens of pond turtle, *Clemmys mamorata*, ground sloth, *Paramylodon harlani*, mastodon, *Mammuthus americanum*, mammoth, *Mammuthus imperator*, horse, *Equus*, and camel, *Camelops*, at a depth of 20-35 feet below the surface. The pond turtle specimens from locality LACM 2032 were figured in the scientific literature by B.H. Brattstrom and A. Sturn.⁴ A series of vertebrate fossil localities from the Fernando Formation are located just south of the proposed project area including LACM 3868, west-

³ Steadman, D.W. 1980. A Review of the Osteology and Paleontology of Turkeys (Aves: Meleagridinae). Contributions in Science, Natural History Museum of Los Angeles County, 330:131-207

⁴ Brattstrom, B.H., and A. Sturn. (1959). A new species of fossil turtle from the Pliocene of Oregon, with notes on other fossil *Clemmys* from western North America. Bulletin of the Southern California Academy of Sciences, 58(2):65-71.

southwest of the proposed project area north of 6th Street between Lucas Avenue and South Bixel Street; LACM 6971, west of Pershing Square near the corner of 6th and Flower Streets; LACM 4726, near the corner of 4th and Hill Streets; and LACM 7730, near the intersection of Main Street and 2nd Street. These nearby Fernando Formation localities have produced a composite fauna including fossil specimens of stingray, *Dasyatis*, eagle ray, *Myliobatis*, skate, *Raja*, chimaerid, *Chimaeriformes*, bull shark, *Carcharhinus leucas*, dusky shark, *Carcharhinus obscurus*, hammerhead shark, *Sphyrna*, sixgill shark, *Hexanchiformes*, bonito shark, *Isurus oxyrinchus*, salmon shark, *Lamna ditropis*, white sharks, *Carcharodon sulcidens* and *Carcharodon carcharias*, herring, *Clupeidae*, hake, *Merluccius*, sheepshead, *Semicossyphus*, mackerel, *Scomber*, bird, *Aves*, orqual baleen whale, *Balaenopteridae*, and toothed whale, *Odontoceti*. The Puente Formation locality LACM 5961 may occur within or adjacent to the proposed project area just north of the intersection of Hill Street and 1st Street. Locality LACM 5961, discovered during excavation for the Metrorail station at unknown depth, produced a specimen of the fossil bristlemouth fish, *Cyclothone*. The next closest vertebrate fossil locality from the Puente Formation is LACM 7990, just east of the proposed project area north of Temple Street between Broadway and Spring Street, that produced fossil fish including slickheads, *Alepocephalidae*, argentinas, *Argentinidae*, deep sea smelts, *Bathylagidae*, viperfish, *Chauliodus*, herring, *Clupeidae*, cod, *Gadiformes*, bristlemouths, *Gonostomidae*, mackerel, *Scombridae*, and dragonfish, *Stomiidae*.

Any excavations in the older Quaternary Alluvium, as well as any excavations in the exposures of the Fernando Formation or the Puente Formation in the proposed project area, may uncover significant vertebrate fossils. Any substantial excavations in the proposed project area, therefore, should be monitored by a qualified monitor to quickly and professionally recover any fossil remains discovered while not impeding development. Also, sediment samples from the finer-grained deposits should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to cultural resources, than those identified in the 2002 certified EIR, was evaluated in relation to the four questions related to cultural resources in the State CEQA Guidelines that were used to evaluate the approved project.⁵

- (a) **A substantial adverse change in the significance of a historical resource, which means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired?**

The 2017 refined project would not create new or substantially more severe significant impacts related to the significance of a historical resource, such that the significance of the historical resource would be substantially more severely impacted when compared to the significant and unavoidable impacts that were identified for the approved project as described below.

⁵ California Code of Regulations. Title 14, Division 6, Chapter 3, Sections 15000–15387, Appendix G.

As a result of the refinement of the project design analyzed in Addendum No. 4 to the EIR, as amended by Addenda Nos. 1, 2, and 3, and the conceptual plans, the project as analyzed here has been determined to be consistent with the findings of the approved project in relation to the evaluation of impacts.

- Reconstruction of the staircase would result in less impact than the approved project because the grey granite planters would be retained.
- New donor recognition opportunities would result in a less than significant impact.
- Less of the terrazzo on the plaza would be removed, which would result in less impact.
- The light posts would be retained and relocated, which would result in less impact.
- The relocation of the sculpture is reversible and meets the Standards and would result in a less than significant impact.
- Replacement of 20 existing ornamental trees with new trees within the existing tree wells which would result in less impact.
- The garden area would be modified in the same manner as described in the approved project, which would not result in a change of impact.
- The kiosk and service amenities would be replaced in a manner that is consistent with the Secretary of the Interior's *Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings*⁶ (Standards), and that is reversible, which would result in less impact.
- The temporary banners and electronic media panels are reversible and meet the Standards and would result in a less than significant impact.
- The education center would not be constructed, which would result in less impact.
- The relocation and upgrade of the restroom facilities in the education center would result in less impact.

1. Reconstruct the Staircase That Connects Grand Avenue to the Music Center Plaza. The following presents an impact analysis related to the reconstruction of the staircase at Grand Avenue. The 2017 refined project proposes to reconstruct in kind the existing monumental Grand Avenue staircase so that it is narrower in order to incorporate flanking escalators and rises slightly higher to serve the higher level of the proposed plaza level height increase. The 2017 refined project would retain the character-defining planters that flank the staircase, and the staircase would be reconstructed as originally disclosed and would not result in new material impacts. The details of the proposal for the flanking escalators are significantly different from alterations described and analyzed in the *Historical Assessment Report* for the project prepared by Greenwood and Associates, which was the basis for analysis in the approved project. However, the severity of the impact on the staircase remains fundamentally the same as the approved project, which was found to "... radically affect the character defining features which establish the historical significance of this element of the Music Center historic district."⁷ These project refinements do not change the impacts on the significance of the historical resource because the project as evaluated in the approved project would widen the staircase and remove the abutting gray granite planters, which are a character-defining feature of the Music Center.

⁶ Weeks, Kay D. 1995. *The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings*. Washington D.C.:U.S. Department of the Interior, National Park Service, Heritage Preservation Services. Available at: <https://www.nps.gov/tps/standards/four-treatments/treatment-guidelines.pdf>

⁷ Greenwood and Associates. 2002. *Historical Resources Assessment: Grand Avenue and Environs Project* Los Angeles, CA.

2. Create New Donor Recognition Opportunities. The following presents an impact analysis related to the proposed transparent donor plaque walls. The 2017 refined project would remove the existing granite donor placards and relocate the placards within the plaza, and would install two glass wall elements with etched names to create new donor recognition opportunities. (Please see Additional Garden Spaces, below, for a discussion of the existing granite placards.) The approved project identified glass wall elements with etched names that would be installed at three locations on the plaza. The 2017 refined project would install the two glass wall elements with etched names adjacent to the proposed escalators and would be installed in a manner that is reversible. According to the National Park Service, “reversibility” is defined as follows:

[Reversibility] means that if the new work were to be removed sometime in the future, the essential form and material integrity of the historic property would remain; however, a project cannot be determined to meet the Standards [for Rehabilitation] simply because unacceptable work is reversible, e.g., that it can be undone.⁸

The glass wall elements with etched names would result in minimal visual impact due to their transparency and could be reversed in the future. Because glass wall elements will not materially alter the existing Grand Avenue staircase and could be removed at a future date, this proposed design modification meets the Standards. The transparent donor panels would impose an impact to the Music Center campus; however, the addition of transparent donor panels is a reversible action and thus would not create a substantially more severe impact on the significance of the historical resource.

3. Plaza Improvements. The following presents an impact analysis related to the refinement of the Music Center plaza improvements. The leveling of the Music Center plaza was one of several alterations described and analyzed in the *Historical Assessment Report* for the Grand Avenue and Environs Project prepared by Greenwood and Associates for the approved project.⁹ As stated in that document, leveling the plaza would impose a significant adverse impact, as Welton Becket and Associates’ design intent for that space was very specific and remains a principal aspect and character-defining feature of the plaza design. The 2017 refined project proposes placing raised pedestal pavers in the plaza, but those pavers would require the permanent removal of the original surface in many areas, resulting in the loss or removal of 28,660 square feet of historic fabric. The new floor decking would include paver materials that maintain the same value (dark-light) relationship as the existing material. The 2017 refined project would preserve more of the existing terrazzo at the edge of the stairs within the plaza than the approved project. The tree planters would be removed as disclosed in the approved project, although the existing tree wells will be retained in order to accommodate vegetation. As with the approved project, the change this proposal imposes to the sunken “courtyard” intention of the original plaza design still conflicts with the circulation and spatial intention of Welton Becket and Associates that defines the plaza. As with the approved project, this element requires implementation of Mitigation Measures Cultural-1 through -2. Mitigation Measure Cultural-3 is specific to the renovation of the lower level restaurant and construction of the education space and not applicable to the Music Center Improvements element of the 2017 refined project. As with the approved project, the impacts from the 2017

⁸ U.S. Department of the Interior, National Park Service. 2017. Incentives: A Guide to the Federal Historic Preservation Tax Incentives Program for Income-Producing Properties. Meeting the Standards for Rehabilitation. Available at: https://www.nps.gov/tps/tax-incentives/incentives/standards_4.htm

⁹ Greenwood and Associates. 2002. Historical Resources Assessment: Grand Avenue and Environs Project Los Angeles, CA.

refinements to the plaza would remain significant and unavoidable as the proposal affects the way the space is used, the way it is experienced, and the way it is circulated, and therefore these impacts continue to remain significant and unavoidable but do not increase the severity of impacts on the significance of the historical resource.

Three additional changes to the Music Center plaza in the 2017 refined project proposal are the relocation of four historic light posts at the four inner corners of the plaza; the relocation of the sculpture *Peace on Earth* by Jacques Lipchitz; and the replacement of 20 existing Indian laurel fig (*Ficus microcarpa*) trees with new ornamental landscape trees at the same location of the existing tree wells.

The refined project would relocate four original light posts elsewhere within the Music Center plaza. The relocation of original light posts was not evaluated in the approved project and *Historical Assessment Report* for the project. Because the original light posts will not be materially altered and can be relocated to their original locations, this proposed design modification meets the Standards. Relocation of the original light posts would impose an impact to the Music Center plaza; however, the relocation is a reversible action, would not result in a material alteration to the historical resource, and thus would not create a substantially more severe impact on the significance of the historical resource.

The 2017 refined project would relocate the *Peace on Earth* sculpture and its pedestal from the center of the plaza on the same axis to the western edge of the plaza as proposed. The relocation of the sculpture and its pedestal was not evaluated in the approved project and *Historical Assessment Report* for the project prepared by Greenwood and Associates. The sculpture's scale was determined by its artist specifically for its siting in the center of the cross-axis of the Music Center plaza, and that static location is compatible with the largely symmetrical, generally circular design of the piece, although *Peace on Earth* does possess a principal orientation. Despite its delay in delivery, the sculpture was constructed as an original element of the Music Center. It has acquired significance as an integral physical part of the 1966 Music Center plan, and period letters by Dorothy Chandler and Welton Becket address support for the sculpture in its historic location, along with recognition of the piece as a contributing element to the plaza and an important visual and spiritual element of the Music Center. The piece would be relocated along the plaza's current east-west axis further to the western edge of the plaza along Hope Street, which would maintain the sculpture's prominence and visibility. The sculpture and its pedestal would be physically shifted to the west through the use of a crane or other method, which would result in minimal damage and would not materially alter this character-defining feature of the historical resource. The relocation would be implemented in a manner that meets the Standards. Relocating the sculpture with its pedestal would impose an impact to the Music Center plaza; however, the relocation is a reversible action and thus would not create a substantially more severe impact on the significance of the historical resource.

The approved project disclosed that 10 to 8 trees flanking the fountain would be removed and that the existing ficus trees (Indian laurel fig; *Ficus microcarpa*) would be replaced with Chinese flame trees. The 2017 refined project would retain the existing tree wells, replant the trees flanking the fountain area, and replace the Indian laurel fig trees. More trees would be planted than the approved project which would maintain the original design intent, feeling, and setting of the Music Center plaza which would result in less impact to the historical resource.

4. Additional Garden Spaces. The following presents an impact analysis related to the additional garden spaces of the Music Center plaza Improvements element. The removal of the existing donor

placards and relocation within the Music Center plaza was identified in the approved project. The 2017 refined project would retain these placards as originally disclosed, although they would be reinstalled on the kiosks which is a refinement from the original project. As a result of the project refinement, the granite donor placards will be removed and safely stored off-site at the beginning of construction. Then they will be permanently remounted on the new Pavilion buildings prior to construction completion, which is a reversible alteration and therefore less than significant. The granite donor placards were designed by Welton Becket and Associates in 1966 and were installed adjacent to the Grand Avenue staircase in the garden spaces that front Grand Avenue. Additional donor placards have been installed around the perimeter of the plaza over the course of time, obscuring much of the landscaping. The existing donor placards are located within the planters that define the edge of the plaza. The relocation of the placards could be restored to these original locations, which meets the above definition of reversibility. The proposed project refinement is reversible, and would not result in new material impacts. Because the donor plaques will not be materially altered and can be relocated to their original locations, this proposed refinement meets the Standards. Relocation of the donor placards would impose an impact to the Music Center plaza; however, the relocation is a reversible action, would not materially impact the historical resource, and thus would not create a substantially more severe impact on the significance of the historical resource.

The approved project disclosed the conversion of 2,000 square feet of the plaza hardscape to planters for the creation of “pocket parks” adjacent to the Grand Avenue staircase and escalators and a strip planter of approximately 350 square feet at the southeastern edge of the plaza above the east loading dock. As a result of the project refinement, the new garden spaces with decomposed granite and drought-tolerant landscaping would be located along the eastern edge of the plaza along Grand Avenue. The refinement would result in less impact to the hardscape of the plaza because more of this character-defining feature would be retained through the elimination of the strip planter. However, as with the approved project, the impacts from the 2017 refinements to the plaza would remain significant and unavoidable as the proposal affects the way the space is used, the way it is experienced, and the way it is circulated, and therefore these impacts continue to remain significant and unavoidable but do not increase the severity of impacts on the significance of the historical resource.

5 Kiosks and Additional Service Amenities. The following presents an impact analysis related to the additional kiosks and additional service amenities of the Music Center plaza Improvements element. The 2017 refined project would replace the existing temporary kiosks and additional service amenities with up to five temporary structures ranging from 850 square feet to 2,500 square feet in size plus three food service modulares. As proposed in the approved project, the existing kiosks and additional service amenities would be removed and replaced with up to eight structures on the plaza. The existing kiosks and additional service amenities were not installed following the period of significance for the Music Center plaza and are not character-defining features of the historical resource. Although the replacement kiosks have a larger square footage than the design that was vetted in the approved project, they are designed in consistency with the Standards through the use of glass curtain walls and flat roofs in order to minimize their visual impact on the setting of the Music Center. The additional service amenities, including three food service modular and a new restroom building, would reflect a minimal design in order to not compete with the character-defining features of the potential historic district and would be located in areas of the plaza that are less visually prominent which is in compliance with the Standards. Additionally, the buildings could be removed at a future date to restore the plaza and are therefore reversible, which would not result in a permanent change of the Music Center’s setting or a material impact to the historical resource. The addition of the kiosks and service amenities would impose an impact to the

Music Center plaza; however, the addition of the kiosks and service amenities is a reversible action and thus would not create a substantially more severe impact on the significance of the historical resource.

As originally disclosed, the approved project would relocate banner poles. The 2017 refined project would install temporary banners and four 40-foot tall electronic media panels that may be phased, which were not disclosed in the approved project and *Historical Assessment Report* for the project prepared by Greenwood and Associates. The media panels may be installed in a single phase or two phases. The two phases would consist of first installing temporary mesh or static canvas banners, which would fit within the same structure and location as the electronic media panels that would be installed at a later date as part of phase two. The temporary banners would be installed at the location of the proposed electronic media panels, may be removed at a future date, and meet the definition of reversibility. The electronic media panels proposed by the current project appear over-scale at up to 40 feet tall, and are visually and aesthetically distracting and incompatible within the Music Center plaza setting. However, the electronic media panels are additions that can be removed at a future date and meet the definition of reversibility. The addition of the electronic media panels would impose an impact to the Music Center plaza; however, the addition of the electronic media panels is a reversible action which meets the Standards. The installation of the electronic media panels would not permanently materially alter the historical resource, and thus would not create a substantially more severe impact on the significance of the historical resource.

6. Education Space. The following presents an impact analysis related to the education space of the Music Center plaza improvements. As stated in the approved project, the proposed project would construct a new education space on the Music Center plaza. The 2017 refined project description includes removal of the approved education space from the scope of the Grand Avenue and Environs Project which would reduce the project's impacts on historical resources. The 2017 refined project would also eliminate the restroom facilities located within the education space as that is no longer a component of the scope of work. The elimination of the education space from the project would offset the additional impacts of the 2017 refined project elements to the significance of the historical resource. In addition, by eliminating the education space from the project scope of work, the cumulative impacts to the Music Center plaza would be reduced, although not to a level of less than significant.

7. Relocation and Upgrade of Restroom Facilities. The following presents an impact analysis related to the relocation and upgrade of restroom facilities. The approved project disclosed that a new restroom facility, composed of two permanent buildings totaling 1,600 square feet would be located in the northwest edge of the Music Center plaza and additional restroom facilities would be located within the education space. The 2017 refined project would reduce the size of the restroom to 850 square feet but would be in the same location. The impacts for this refinement of the restroom building would be as described above in the kiosks and additional service amenities sections, but would also result in less of an impact due to the reduction of the size of the building. Additionally, the impacts are the same as described above for the education space and would result in less impact to the Music Center plaza.

(b) Cause a substantial adverse change in the significance of an archaeological resource?

The 2017 refined project would not create new or substantially more severe significant impacts related to archaeological resources. The 2017 refined project, which includes design changes to

the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project.

(c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic formation?

The 2017 refined project would not create new or substantially more severe significant impacts related to paleontological resources. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project.

(d) Disturb any human remains, including those interred outside of formal cemeteries?

The 2017 refined project would not create new or substantially more severe significant impacts related to human remains. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project.

MITIGATION MEASURES

Mitigation measures for the above proposed project elements have thus far been addressed by a HABS project to document the Music Center plaza, and by the proposed protection and/or archival storage of historic material in project areas where such storage is necessary and achievable.

Incorporation of Mitigation Measures Cultural-1 and Cultural-2 would be required to reduce impacts to the extent practicable. Measures Cultural-3 through -10 are not applicable to the Music Center Improvements element of the project, which would not involve grading.

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

The 2017 refined project would not result in more severe impacts to cultural resources than the approved project. The Music Center plaza areas have been addressed in this document individually. Even if incremental impacts for a project are not cumulatively considerable, the basis for such a conclusion should be briefly described according to CEQA Guidelines.

For the 2017 refined project, although many of the changes to the plaza are reversible, the project would not conform to the Secretary of the Interior's *Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings*. As such it would result in a significant environmental impact on the Music Center potential historic district. This is primarily due to changes to the plaza as the refined project continues to affect the way the space is used, the way it is experienced, and the way it is circulated.

As with the approved project, incorporation of Mitigation Measures Cultural-1 and Cultural-2 would be required to reduce impacts to the extent practicable. With the incorporation of mitigation measures, the 2017 refined project would not result in new or substantially more severe significant impacts when compared to the approved project.

SECTION 3.5

GEOLOGY AND SOILS

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the project. The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR), determined that significant impacts related to geology and soils would be reduced below the level of significance through implementation of Mitigation Measures Geology-1 through Geology-10. Based on the analysis, it has been determined that the refinements to the project do not constitute a "substantial change" under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.5, *Geology and Soils*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Geology-1 through Geology-10. Sapphos Environmental, Inc. reviewed original spatial data, topographic and geologic maps, published geotechnical literature, geologic and seismic data, Alquist-Priolo Earthquake Fault Zone Maps, soil data, groundwater data, aerial photographs, geotechnical documents pertaining to the site, USGS publications, California Geological Survey and Division of Oil, Gas, and Geothermal Resources (DOGGR) of the California Department of Conservation publications, the City of Los Angeles General Plan, and the USDA soil survey data used for the certified Final EIR for analysis. An updated report from Environmental Data Resources, Inc., dated August, 22 2016, was analyzed. It is understood that a wide body of information pertaining to geology and soils within the project area exists, and therefore no surface surveys, subsurface exploration, or laboratory testing were necessary to characterize the area.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to geology and soils, than those identified in the 2002 certified EIR, was evaluated in relation to the five questions related to geology and soils in the State CEQA Guidelines that were used to evaluate the approved project.

- (a) **Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:**
 - (i) **Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?**

The 2017 refined project would not create new or substantially more severe significant impacts related to the exposure of people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving the rupture of a known earthquake fault, such that the exposure of people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving the rupture of a known earthquake fault would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As indicated in the EIR, the approved project site is not located within an Alquist-Priolo Earthquake Fault Zone and no active faults zoned by the APEFZ

Act have been identified crossing the approved project area. Buried (so-called "blind") thrusts do pass beneath the approved project site, but are not considered potential direct sources of surface rupture. Potential impacts associated with surface rupture are not anticipated at the approved project site. Implementation of the 2017 refined project would have no potentially adverse effect related to a rupture of a known or suspected earthquake fault. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts related to exposing people or structures to potential substantial adverse effects involving the rupture of a known earthquake fault than the approved project.

(ii) Strong seismic ground shaking?

The 2017 refined project would not create new or substantially more severe significant impacts related to the exposure of people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking, such that the exposure of people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As with the approved project, the 2017 refined project has the potential to expose people and structures to potential substantial adverse effects from seismic ground shaking, requiring the consideration of mitigation measures. The entire downtown Los Angeles Civic Center area is susceptible to strong ground shaking from severe earthquakes. Earthquakes on nearby surface faults, such as the Santa Monica, Hollywood, Raymond, Whittier, and Newport-Inglewood (all capable of 6.5 to 7.5 magnitude), can generate seismic shaking as severe or more severe than the damaging San Fernando (1971), Whittier (1987), and Northridge (1994) earthquakes. The same is true for buried "blind" thrust faults such as the Elysian Park, Puente Hills, and Compton faults. These faults present a risk of very strong ground shaking that must be considered for facilities where public safety and post-earthquake function are necessary. As with the approved project, the 2017 refined project, which includes design changes to the Grand Avenue and Environs element, will be required to conform to applicable State, County of Los Angeles, and City of Los Angeles Building codes to minimize the potential impacts to people and structures from strong seismic ground shaking. All design and construction for the approved project would conform to the current County Code seismic requirements in order to lessen the exposure of people to potential impacts caused by ground shaking. As indicated in the certified Final EIR, the approved project was determined to mitigate impacts to people and property associated with strong seismic ground shaking to below the level of significance through application of Mitigation Measures Geology-1 and Geology-3 specified in the EIR. As with the approved project, the 2017 refined project would be required to implement Mitigation Measures Geology-1 and Geology-3, in conjunction with the development of the Grand Avenue and Environs element of the project. As with the approved project, these mitigation measures would reduce impacts to below the level of significance. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to exposing people or structures to potential substantial adverse effects involving strong seismic ground shaking.

(iii) Seismic-related ground failure, including liquefaction?

The 2017 refined project would not create new or substantially more severe significant impacts related to exposure of people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction, such that exposure of people or structures to potential substantial adverse effects, including the risk of loss,

injury, or death involving seismic-related ground failure, including liquefaction would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As indicated in the EIR, the approved project area is underlain by Tertiary age bedrock and not susceptible to liquefaction and due to the low potential for liquefaction, the approved project would not be expected to expose people or property to geologic hazards related to liquefaction. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts related to exposing people or structures to potential substantial adverse effects involving seismic-related ground failure, including liquefaction.

(iv) Landslides?

The 2017 refined project would not create new or substantially more severe significant impacts related to exposing people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides, such that exposing people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As indicated in the EIR, implementation of the approved project may expose people and structures to potential landslide hazards. New cut slopes to redesign and reconfigure Grand Avenue may expose “daylighted” bedding planes in the cut. These beds are generally tilted in a southward direction. Due to the relative steepness of bedding planes within the project area, excavations that expose these beds in cut slopes may create slope instability and increase the potential for future landslides, thus requiring the consideration of mitigation. The referenced element of the project was completed in 2004. As indicated in the EIR, the approved project was determined to mitigate impacts related to exposing people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides, from those evaluated for the approved project to below the level of significance through application of Mitigation Measures Geology-2 specified in the EIR. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to exposing people or structures to potential substantial adverse effects involving landslides.

(b) Result in substantial soil erosion or the loss of topsoil?

The 2017 refined project would not create new or substantially more severe significant impacts related to substantial soil erosion or the loss of topsoil, such that substantial soil erosion or the loss of topsoil would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As indicated in the certified Final EIR, the materials most susceptible to erosion are artificial fill, soil, and younger alluvium, none of which are present at the site. The largest threat from erosion to the bedrock and older alluvium is uncontrolled drainage, especially during construction. Most susceptible areas are typically the steeper slopes. Project components could be susceptible to promoting erosion during site grading, earth moving and construction activities. Each project component and the overall site must be addressed for drainage and erosion, in accordance with building code requirements and stormwater best management practices, relative to potential on-site and off-site effects. As with other completed elements of the approved project, the 2017 refined project, which includes design changes to the Grand Avenue and Environs element of the project, would be required to be designed in accordance with building code requirements and stormwater best management

practices, relative to potential on-site and off-site effects. The County has adopted a Low Impact Development (LID) Ordinance: Title 12, Chapter 12.84 of Los Angeles County Code of Ordinances. Under this ordinance, developments shall incorporate LID features as required by the County's LID Standards Manual to reduce or eliminate stormwater runoff, mitigate polluted discharges, and minimize erosion. All developments are required to implement source control measures, such as storm drain signage and outdoor storage material areas, to the maximum extent practicable. The ordinance categorizes new development and redevelopment projects as Designated, Non-Designated Projects, Streets, and Single-Family Hillside Homes.

- Designated Projects are new developments that are one acre or larger and add over 10,000 square feet of impervious surface area. Designated Projects also applies to redevelopment projects that add or replace either: 5,000 square feet or more of impervious surface area on a site that has been previously developed; or 10,000 square feet or more of impervious surface area on a site that has been previously developed with a single family home.
 - o Designated Projects are required to retain its entire Stormwater Quality Design Volume (SWQDv) on-site.
 - o Small Scale Non-Designated Projects.
- Non-Designated Projects that consist of the development of four residential units or less are considered Small-Scale and are required to include two LID BMP features. BMPs that are intended to store or infiltrate stormwater, such as rain barrels or dry wells, shall have a capacity of 200 gallons.
 - o The development of streets and roads that results in over 10,000 square feet of impervious surfaces must comply with the LID Standards Manual and the USEPA's Green Streets 26. The County code does not specify if such projects are to retain the SWQDv, the difference between pre and post project SWQDv or to install two LID BMPs.
 - o Single-Family Hillside Homes located within a hillside management area, which is defined as an area with a natural slope of 25 percent or greater, are required to provide conservation of natural areas, slope and channel protection, storm drain signage, and divert roof runoff and surface flow to vegetated areas.

The approved project was determined to mitigate impacts associated with increased instantaneous storm water runoff to below the level of significance through application of the Mitigation Measure Geology-5 specified in the 2002 certified Final EIR.

As with the approved project, the 2017 refined project will include that each project component and the overall site must be addressed for drainage and erosion, in accordance with building code requirements and stormwater best management practices, relative to potential on-site and off-site effects and require implementation of the Mitigation Measure Geology-5 specified in adopted 2002 certified Final EIR. The 2017 refined project would have no increase in total grading area or impervious surface; as such, there would no increase in erosion or loss of topsoil, and impacts would be maintained below the level of significance. As with the approved project, the potential for significant impacts from the 2017 refined project would be reduced to a less than significant level through conformance with the building code, specifically the LID standards mentioned above regarding stormwater. Therefore, implementation of the approved project would not have an adverse effect on soil erosion. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts related to substantial soil erosion or the loss of topsoil.

- (c) **Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?**

The 2017 refined project would not create new or substantially more severe significant impacts related to creating new or substantially more severe significant impacts related to location on a geologic unit or soil that is unstable or that would become unstable as a result of the project, such that creating new or substantially more severe significant impacts related to location on a geologic unit or soil that is unstable or that would become unstable as a result of the project would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As with the approved project, implementation of the 2017 refined project may have a potentially adverse effect on slope stability of adjacent land, requiring the consideration of mitigation measures. Subsidence hazard is found in areas with active groundwater or petroleum production. Groundwater production areas may exist in the general region, but the project site is underlain by bedrock and does not represent a groundwater supply area. To the west, oil is produced from the Los Angeles City Oil Field. Minor regional subsidence associated with oil production is possible, but has not been noted. Oil-saturated sands have been unearthed during excavation and grading near the project area. Due to the project's proximity to an active oil field characterized by production from shallow zones, the potential to unearth oil sands may exist. Therefore, project components involving excavation may encounter potential on-site and off-site effects, thus requiring the consideration of mitigation.

As indicated in the certified Final EIR, implementation of the approved project may expose people and structures to potential landslide hazards. The reconfiguration of Grand Avenue was identified as have the potential to expose "daylighted" bedding planes in the cut. The referenced element of the project was completed in 2004.

As indicated in the certified Final EIR, the approved project was determined to mitigate impacts related to location on a geologic unit or soil that is unstable or that would become unstable, potentially resulting in on- or off-site landslides, lateral spreading, subsidence, liquefaction, or collapse, to below the level of significance through application of Mitigation Measures Geology-2, -4 -5, -9 and -10.¹ As with the approved project, including completed elements of the reconfiguration of Grand Avenue, the 2017 refined project would not result in new or substantially more severe significant impacts related to location on a geologic unit or soil that is unstable or would become unstable, potentially resulting in on- or off-site landslides, lateral spreading, subsidence, liquefaction, or collapse.

- (d) **Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?**

The 2017 refined project would not create new or substantially more severe significant impacts related to being located on expansive soil, creating substantial risks to life or property, such that being located on expansive soil, creating substantial risks to life or property, would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which

¹ County of Los Angeles Chief Administrative Office, 8 October 2002. Final Environmental Impact Report Grand Avenue and Environs Project. Contact: Kenneth Hahn Hall of Administration, 500 West Temple Street, Room 754, Los Angeles, CA 90012. Prepared by: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As indicated in the certified Final EIR, expansive soils have relatively high clay mineral content, and are usually found in areas where underlying formations contain an abundance of clay minerals, or where coarse-grained materials are weathered and break down into clay-rich materials. Bedrock formation comprised of Tertiary age claystone and shale underlies much of the approved project area. These clay-rich rocks have the potential to generate clay-rich soils.

As indicated in the certified Final EIR, the approved project would not be expected to result in impacts related to geologic hazards from expansive soils. Although the near-surface soils at the project site have a low to medium potential for expansion, any and all soils brought on-site during the construction of the approved project would maintain or reduce the expansion potential of the soils existing on-site. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to location on expansive soil.

(e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

The 2017 refined project would not create new or substantially more severe significant impacts related to having soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater, such that having soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As indicated in the certified Final EIR, the approved project area would be connected to the municipal sewer system, and thus would not necessitate the use of septic tanks or alternative waste water disposal systems. As with the approved project, the 2017 refined project would connect to the existing sanitary sewer system and does not include the use of septic tanks or alternative wastewater disposal systems. Therefore, the 2017 refined project would not result in new or substantially more severe significant impacts related to soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems.

MITIGATION MEASURES

As with the approved project, Mitigation Measures Geology-1 through Geology-10 are required to lessen and/or alleviate the impacts related to geology and soils expected to result from implementation of the 2017 refined project.

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

Implementation of the refinements to the project described in Section 2, *Project Description*, would not affect the level of significance after mitigation, as described in the Final EIR. As with the approved project, incorporation of Mitigation Measures Geology-1 through Geology-10 would reduce the impacts related to geology and soils to below the level of significance for the refined project.

SECTION 3.6

HAZARDS AND HAZARDOUS MATERIALS

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the project. The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR), determined that significant impacts related to hazards and hazardous materials would be reduced below the level of significance through implementation of Mitigation Measures Hazards-1 through Hazards-3. Based on the analysis, it has been determined that the refinements to the project do not constitute a "substantial change" under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.6, *Hazards and Hazardous Materials*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, incorporation of Mitigation Measures Hazards-1 through -3 would reduce the impacts related to hazards to below the level of significance for the 2017 refined project. Hazards and hazardous materials at the project site were evaluated in relation to the Resource Conservation and Recovery Act, Superfund Amendment and Reauthorization Act Title III, Title 22 of the California Code of Regulations, the County of Los Angeles General Plan, and the U.S. Geological Survey (USGS) 7.5-minute series Los Angeles, California, topographic quadrangle in which the project site is located.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to hazards and hazardous materials, than those identified in the 2002 certified EIR, was evaluated in relation to the eight questions related to hazards and hazardous materials in the State CEQA Guidelines that were used to evaluate the approved project.

(a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

The 2017 refined project would not create new or substantially more severe significant impacts related to creating a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, such that creating a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would result in no impacts to hazards through the routine transport, use, or disposal of hazardous materials. The 2017 refined project has been designed to develop pedestrian enhancements and improve user facilities in the Music Center campus. The 2017 refined project would not involve the routine transport, use, generation, storage, or disposal of hazardous materials. As with the approved project, hazardous materials used during construction would be required to be handled, transported, and stored consistent with the provisions of applicable federal, state, and local statutes and regulations. As required by the State, any herbicides or pesticides used to treat landscape elements would be required to be applied by, or under the supervision of, a licensed applicator. Similarly, the use and storage of cleaning supplies associated with restroom and restaurant spaces would be handled and stored consistent with the provisions of the material safety data sheets (MSDS). Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe

significant impacts related to hazards associated with the routine transport or disposal of hazardous materials.

(b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

The 2017 refined project would not create new or substantially more severe significant impacts related to creating a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment, such that creating a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment would be substantially more severely impacted when compared to the approved project. The existing Music Center campus structures (including the stairwells and escalators) were constructed prior to 1979 when asbestos was banned in many construction materials. In addition, lead-based paint was banned in 1978. Therefore, construction materials employed prior to 1978 have a greater potential to contain asbestos-containing materials (ACM) or lead based paint (LBP). The 2017 refined project, as with the approved project, would consist of reconfiguration of the existing stairwells and escalators and would have the potential to expose construction workers or the general public to ACMs and LBP, requiring the consideration of mitigation measures MM Hazards-1, -2, and -3 as stated in the certified EIR. Asbestos and lead sampling surveys shall be conducted on any building materials prior to renovation or demolition in order to prevent the potential to expose construction workers or the general public to ACMs or LBP. If found, the potential for significant impacts of ACM and LBP can be reduced below the threshold of significance through adherence to all applicable local, state, and federal laws and policies regarding the removal or containment of ACM and LBP. Therefore, compared with the approved project, the 2017 refined project would result in the same impacts related to creating a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment.

(c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

The 2017 refined project would not create new or substantially more severe significant impacts related to emitting hazardous emissions or handling hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school, such that emitting hazardous emissions or handling hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would have the potential for significant impacts that would be avoided through incorporation of the adopted Mitigation Measures Hazards-1 through Hazards-3 as stated in the certified EIR. The Colburn School for Music, located on the southeast corner of Grand Avenue and Second Street, is the only school located within 0.25 mile of the 2017 refined project site. The existing Music Center campus and Los Angeles County Mall structures (including the stairwells and escalators) were constructed prior to 1979 when asbestos was banned in many construction materials. Additionally, lead-based paint was banned in 1978. Therefore, construction materials employed prior to 1978 have a greater potential to contain asbestos-containing materials (ACM) or lead based paint (LBP). The 2017 refined project, as with the approved project, would consist of reconfiguration of the existing stairwells and escalators and would have the potential to expose construction workers, the general public, and students and faculty of the Colburn School for Music

to ACMs and LBP, requiring the application of the same mitigation measures specified for the approved project. Asbestos and lead sampling surveys should be conducted on any building materials prior to renovation or demolition in order to prevent the potential to expose people to ACMs or LBP. Therefore, compared with the approved project, the 2017 refined project would result in the same impacts related to emitting hazardous emissions, or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school.

- (d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

The 2017 refined project would not create new or substantially more severe significant impacts related to being located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5, such that being located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would result in no impacts to hazards regarding hazardous materials sites. According to information contained in an environmental regulatory database,¹ the 2017 refined project is located on a site that has a leaking underground storage tank (LUST) site; Auto Park 18 is an active listing, with gasoline as a substance released/contaminant of concern, and no remedial actions reported. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe impacts related to creating a hazard to the public or the environment from a known hazardous material site.

- (e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

The 2017 refined project would not create new or substantially more severe significant impacts related to resulting in a safety hazard for people residing or working in the project area for a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, such that resulting in a safety hazard for people residing or working in the project area for a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would result in no impacts to hazards related to public airports or public use airports. The 2017 refined project site is not located within an airport land use plan, nor is it located within 2 miles of a public airport. The nearest public airport is the Los Angeles International Airport, located approximately 9 miles southwest of the site. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe impacts related to exposing people to a safety hazard related to air safety.

- (f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?**

The 2017 refined project would not create new or substantially more severe significant impacts related to resulting in a safety hazard for people residing or working in the project area for a project

¹ Environmental Data Resources, Inc. 2016.

within the vicinity of a private airstrip, such that resulting in a safety hazard for people residing or working in the project area for a project within the vicinity of a private airstrip would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would result in no impacts to hazards related to private airstrips. The 2017 refined project site is not located in the vicinity of a private airstrip. The nearest private airport is the Hawthorne Airport, located approximately 8 miles southwest of the 2017 refined project. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe impacts related to exposing people to a safety hazard related to private airstrips.

(g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

The 2017 refined project would not create new or substantially more severe significant impacts related to impairing implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan, such that impairing implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would result in no impacts to hazards regarding interference with an emergency response plan or emergency evacuation plan. The 2017 refined project, as with the approved project, has been designed to provide pedestrian enhancements and improve pedestrian safety along Grand Avenue between Temple Street and Second Street by widening Grand Avenue. Grand Avenue would be accessible to emergency vehicles and personnel. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe impacts related to interfering with emergency response or emergency evacuation plans.

(h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

The 2017 refined project would not create new or substantially more severe significant impacts related to exposing people or structures to a significant risk of loss, injury or death involving wildland fires, such that exposing people or structures to a significant risk of loss, injury or death involving wildland fires would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would result in no impacts to hazards in regard to wildland fires. The project is located in a highly developed urban area. The nearest wildland area is located approximately 5 miles north of the 2017 refined project site. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe impacts, when compared to the approved project, related to exposing people or property to wildland fire hazards.

MITIGATION MEASURES

As with the approved project, Mitigation Measure Hazards-1 through Hazards-3 would be required to lessen and/or alleviate the impacts related to hazards expected to result from implementation of the 2017 refined project (Appendix A, *MMP*).

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

Implementation of the refinements to the project described in Section 2, *Project Description*, would not affect the level of significance after mitigation, as described in the Final EIR. As with the approved project, incorporation of Mitigation Measures Hazards-1 through -3 would reduce the impacts related to hazard and hazardous materials to below the level of significance for the 2017 refined project.

SECTION 3.7

HYDROLOGY AND WATER QUALITY

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the project. The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR) determined that significant impacts related to hydrology and water quality would be reduced below the level of significance through implementation of Mitigation Measures Hydro-1 through Hydro-4. Based on the analysis, it has been determined that the refinements to the project do not constitute a “substantial change” under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, results in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.1, *Aesthetics*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Hydro-1 through Hydro-4.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to hydrology and water quality, than those identified in the 2002 certified EIR, was evaluated in relation to the 10 questions related to hydrology and water quality in the State CEQA Guidelines that were used to evaluate the approved project.

(a) Violate any water quality standards or waste discharge requirements?

The 2017 refined project would not create new or substantially more severe significant impacts related to violating any water quality standards or waste discharge requirements, such that violating any water quality standards or waste discharge requirements would be substantially more severely impacted when compared to the approved project. The 2017 refinements to the approved project involve leveling and refinishing the Music Center Plaza surface, reconstructing the existing Grand Avenue staircase, moving the approximately 50-foot-tall “Peace on Earth” Lipchitz sculpture in the center of the Music Center Plaza to a garden area along Hope Street on axis with the existing placement, and installation of four approximately 40-foot-high electronic media panels. It would involve the replacement of the existing 20 trees within existing planters that would remain in the Music Center Plaza. Due to the completion of the reconfiguration of Grand Avenue in 2003, the 2017 refined project will result in fewer impacts to drainage patterns than the approved project. Grading would have the potential to transport pollutants of concern from the construction site, including work areas and construction staging areas, to the storm drainage system. The potential for erosion from the construction would be increased and exacerbated during the normal Southern California rain season (October 15 through April 15).

- (b) **Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level that would not support existing land uses or planned uses for which permits have been granted)?**

The 2017 refined project would not create new or substantially more severe significant impacts related to depleting groundwater supplies or interfering substantially with groundwater recharge, such that depleting groundwater supplies or interfering substantially with groundwater recharge would be substantially more severely impacted when compared to the approved project. The 2017 refined project would not affect areas located on or adjacent to an existing groundwater recharge facility for a groundwater basin.¹ The 2017 refined project elements would be constructed above an existing underground parking structure that would not be altered by the project refinements. As with the approved project, the 2017 refined project would not include the construction of groundwater extraction wells, nor would it alter the amount or extent of total impacted surface.

- (c) **Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on or off site?**

The 2017 refined project would not create new or substantially more severe significant impacts related to altering the existing drainage pattern of the site or area, such that altering the existing drainage pattern of the site or area would be substantially more severely impacted when compared to the approved project. A review of the National Wetlands Inventory² and the USGS 7.5-minute series Los Angeles topographic quadrangle³ indicates that there are no streams or rivers in or adjacent to the 2017 refined project area. The finished grades for the realigned roadway would meet existing grades of adjacent land uses. Therefore, the 2017 refined project would be expected to result in overall street grades and drainage patterns that substantially conform to the existing conditions. As with the approved project, the 2017 refined project would not be expected to result in substantial erosion or siltation. The reconfiguration of Grand Avenue roadway and sidewalk was completed in 2003. Due to the completion of the reconfiguration of Grand Avenue in 2003, the 2017 refined project will result in fewer impacts to drainage patterns than the approved project. Realignment of the portion of the Grand Avenue sidewalk at the Grand Avenue staircase would not require relocation of portions of the existing storm drain system. The 2017 refined project elements would be constructed above an existing underground parking structure that would not be altered by the project refinements.

As with the approved project, the 2017 refined project would be located entirely within the footprint of the existing alignment of the sidewalks and roadway. The Music Center Improvements element is located wholly within existing developed areas of these facilities. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Hydro-1 through Hydro-4. As compared to the approved project, the 2017 refined project, there would be no significant increase in the impacted area, general grades, and slopes of overall surface drainage characteristics of the sidewalks and roadway or the Music Center Campus.

¹ Metropolitan Water District of Southern California. November 1990. *The Regional Urban Water Management Plan for the Metropolitan Water District of Southern California*.

² U.S. Fish and Wildlife Service. 1984. Natural Wetlands Inventory Map for Los Angeles, CA 7.5 Minute Series.

³ U.S. Geological Survey. 7.5-Minutes Series Topographic Map. 1966, Photo revised 1981, Minor Revision 1994. Los Angeles Quadrangle, Scale 1:24,000.

- (d) **Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on site or off site?**

The 2017 refined project would not create new or substantially more severe significant impacts related to altering the existing drainage pattern of the site or area, such that altering the existing drainage pattern of the site or area would be substantially more severely impacted when compared to the approved project. A review of the National Wetlands Inventory⁴ and the 7.5-minute series Los Angeles topographic quadrangle⁵ indicates that there are no streams or rivers in or adjacent to the 2017 refined project area. The finished grades for the realigned roadway would meet existing grades of adjacent land uses. Therefore, the 2017 refined project would be expected to result in overall street grades and drainage patterns that substantially conform to the existing conditions. As with the approved project, the 2017 refined project would not be expected to generate runoff water that would exceed the existing storm water drainage system. The reconfiguration of Grand Avenue roadway and sidewalk was completed in 2003. Due to the completion of the reconfiguration of Grand Avenue in 2003, the 2017 refined project will result in fewer impacts to drainage patterns than the approved project. Realignment of the portion of the Grand Avenue sidewalk at the Grand Avenue staircase would not require relocation of portions of the existing storm drain system. The 2017 refined project elements would be constructed above an existing underground parking structure that would not be altered by the project refinements.

As with the approved project, the 2017 refined project would be located entirely within the footprint of the existing alignment of the sidewalks and roadway. The Music Center Improvements element is located wholly within existing developed areas of these facilities. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Hydro-1 through Hydro-4. As compared to the approved project, the 2017 refined project would not result in a significant increase in the impacted area, general grades, and slopes of overall surface drainage characteristics of the sidewalks and roadway or the Music Center Campus.

- (e) **Create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?**

The 2017 refined project would not create new or substantially more severe significant impacts related to creating or contributing runoff water that would exceed the capacity of existing or planned storm water drainage systems or providing substantial additional sources of polluted runoff, such that creating or contributing runoff water that would exceed the capacity of existing or planned storm water drainage systems or providing substantial additional sources of polluted runoff would be substantially more severely impacted when compared to the approved project. A review of the National Wetlands Inventory⁶ and the 7.5-minute series Los Angeles, CA topographic quadrangle⁷ indicates that there are no streams or rivers in or adjacent to the 2017 refined project area. The finished grades for the realigned roadway would meet existing grades of adjacent land

⁴ U.S. Fish and Wildlife Service. 1984. Natural Wetlands Inventory Map for Los Angeles, CA 7.5 Minute Series.

⁵ U.S. Geological Survey. 7.5-Minutes Series Topographic Map. 1966, Photo revised 1981, Minor Revision 1994. Los Angeles Quadrangle, Scale 1:24,000.

⁶ U.S. Fish and Wildlife Service. 1984. Natural Wetlands Inventory Map for Los Angeles, CA 7.5 Minute Series.

⁷ U.S. Geological Survey (USGS). 7.5-Minutes Series Topographic Map. 1966, Photo revised 1981, Minor Revision 1994. Los Angeles Quadrangle, Scale 1:24,000.

uses. Therefore, the 2017 refined project would be expected to result in overall street grades and drainage patterns that substantially conform to the existing conditions. As with the approved project, the 2017 refined project would not be expected to generate runoff water that would exceed the existing storm water drainage system. The reconfiguration of Grand Avenue roadway and sidewalk was completed in 2003. Due to the completion of the reconfiguration of Grand Avenue in 2003, the 2017 refined project will result in fewer impacts to drainage patterns than the approved project. Realignment of the portion of the Grand Avenue sidewalk at the Grand Avenue staircase would not require relocation of portions of the existing storm drain system. The 2017 refined project elements would be constructed above an existing underground parking structure that would not be altered by the project refinements.

As with the approved project, the 2017 refined project would be located entirely within the footprint of the existing alignment of the sidewalks and roadway. The Music Center Improvements element is located wholly within existing developed areas of these facilities. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Hydro-1 through Hydro-4. As compared to the approved project, the 2017 refined project would not result in a significant increase in the impacted area, general grades, and slopes of overall surface drainage characteristics of the sidewalks and roadway or the Music Center Campus.

(f) Otherwise substantially degrade water quality?

The 2017 refined project would not create new or substantially more severe significant impacts related to otherwise substantially degrading water quality, such that otherwise substantially degrading water quality would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project would not significantly change the surface characteristics or land use designations and would not degrade water quality.

(g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

The 2017 refined project would not create new or substantially more severe significant impacts related to placing housing within a 100-year flood hazard area, such that placing housing within a 100-year flood hazard area would be substantially more severely impacted when compared to the approved project. The 2017 refined project is not located in a flood hazard area as mapped by the Flood Hazard Boundary or the Flood Insurance Rate Map. As with the approved project, the 2017 refined project does not include the provision of housing.

(h) Place within a 100-year flood hazard area structures that would impede or redirect flood flows?

The 2017 refined project would not create new or substantially more severe significant impacts related to placing within a 100-year flood hazard area structures that would impede or redirect flood flows, such that placing within a 100-year flood hazard area structures that would impede or redirect flood flows would be substantially more severely impacted when compared to the approved project. The 2017 refined project is not located in a flood hazard area as mapped by the Flood Hazard Boundary or the Flood Insurance Rate Map. Furthermore, the 2017 refined project elements would be constructed above an existing underground parking structure that would not be altered by the project refinement.

(i) Expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?

The 2017 refined project would not create new or substantially more severe significant impacts related to exposing people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam, such that exposing people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam would be substantially more severely impacted when compared to the approved project. The 2017 refined project is not located in a flood hazard area as mapped by the Flood Hazard Boundary or the Flood Insurance Rate Map.

(j) Inundation by seiche, tsunami, or mudflow?

The 2017 refined project would not create new or substantially more severe significant impacts related to inundation by seiche, tsunami, or mudflow, such that inundation by seiche, tsunami, or mudflow would be substantially more severely impacted when compared to the approved project. The 2017 refined project is not located in a flood hazard area as mapped by the Flood Hazard Boundary or the Flood Insurance Rate Map, nor is the project located near a levee or dam. The 2017 refined project site is located 12 miles from the Pacific Ocean and would not be expected to be at risk for seiche or tsunami. There are no large undeveloped slopes that would have the potential to generate mudflows.

MITIGATION MEASURES

Mitigation measures as described in the Final EIR would remain the same for all issue areas. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Hydro-1 through Hydro-4 (Appendix A, MMP).

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

Implementation of the refinements to the project described in Section 2, *Project Description*, would not affect the level of significance after mitigation, as described in the Final EIR.

SECTION 3.8

NOISE

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the project. The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR), determined that significant impacts related to noise would be reduced below the level of significance through implementation of Mitigation Measures Noise-1 through Noise-4. Based on the analysis, it has been determined that the refinements to the project do not constitute a "substantial change" under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.8, *Noise*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Noise-1 through Noise-4. Sapphos Environmental, Inc. reviewed the original on-site measurements and analysis of environmental noise levels gathered for the certified Final EIR. Noise ground-borne vibration impacts were reviewed in accordance with the most recent data and vibration thresholds published by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) for construction and operational equipment. On August, 26 2016, on-site ambient noise measurements were collected for analysis and are included in this section.

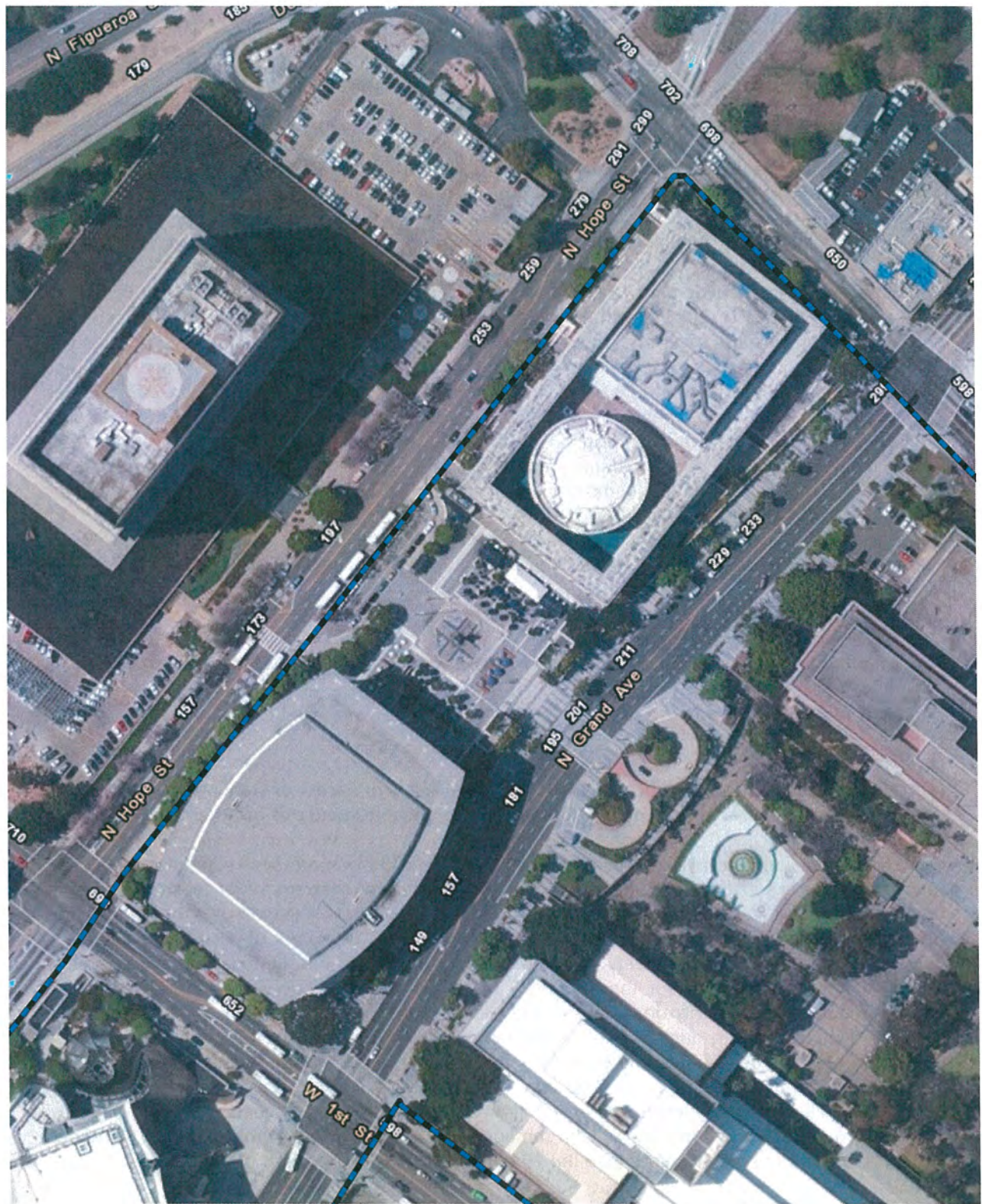
ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to noise, than those identified in the 2002 certified EIR, was evaluated in relation to the six questions related to noise in the State CEQA Guidelines that were used to evaluate the approved project.

(a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

The 2017 refined project would not create new or substantially more severe significant impacts related to exposure of people to or generation of noise levels in excess of established standards established in the local general plan or noise ordinance, or applicable standards of other agencies, such that exposure of people to or generation of noise levels in excess of established standards would be substantially more severely impacted when compared to the significant and unavoidable impacts that were identified for the approved project as described below. As discussed in the certified Final EIR, the County does not set land use standards for noise in its Noise Element of the General Plan. The County-adopted Noise Ordinance specifies exterior noise standards. The Noise Ordinance also discusses allowable construction noise to exceed the normal standard of 65 dBA for up to 10 working days between 7:00 a.m. and 7:00 p.m. The U.S. Environmental Protection Agency estimates that noise levels on construction sites normally reach 90 decibels at a distance of 50 feet from the construction site. As with the approved project, construction of the 2017 refined project is expected to require more than the 10 days allowed by the Noise Ordinance.

Environmental noise levels were monitored along Grand Avenue between Temple and First Street and also between First Street and Second Street. These measurements were made on August, 26 2016, between the hours of 9:49 a.m. and 11:07 a.m. (Figure 3.8-1, *Noise Monitoring Locations*).



Noise measurements were made at the sidewalk surrounding the approved project site. Noise levels at the site are dominated by vehicular traffic, load conversational noise, and truck loading. Honking horns as well as emergency sirens were heard sporadically throughout the site visit.

Environmental noise levels were Measurements were taken with a Larson Davis Spark 706RC Noise Dosimeter (serial number 18171), which was calibrated prior to the measurement. The sound level meter measures and displays the equivalent noise level (LEQ), as well as the maximum and the minimum noise levels during the measurement period. The results of the monitoring and calculations are summarized below in Table 3.8-1, *Measured Ambient Noise Levels in dBA of Approved Project Site*.

**TABLE 3.8-1
MEASURED AMBIENT NOISE LEVELS IN DBA OF APPROVED PROJECT SITE**

Monitoring Site (Sensitive Receptor)	Average Leq (dBA)	Maximum Leq (dBA)	Minimum Leq (dBA)
WP 1	74.5	88.1	64.1
WP 2	72.9	88.5	61.2
WP 3	72.2	84.7	63.6
WP 4	79.6	92.4	69.4

NOTE:

Leq = The equivalent-continuous sound (Leq) is the level of a constant sound, expressed in decibels (dB), which in a given time period ($T = T_2 - T_1$) has the same energy as a time varying sound. For the Spark dosimeters, a Leq value is recorded for 2 different time intervals. First, a Leq is recorded for the entire record's run time. Second, a Leq is recorded for each individual time history sample.

Construction

The approved project identified the potential to create noise in excess of established standards during construction. As described in the certified Final EIR, land uses determined to be "sensitive" to noise by the State of California include schools, hospitals, rest homes, long term care and mental care facilities. As with the approved project, the 2017 refined project would have the potential to affect the Cathedral of Our Lady of the Angels, the nearest sensitive noise receptor, located immediately adjacent and to the northeast of the project site.

Construction of the three elements of the approved project would be partially phased. The Grand Avenue Realignment element of the project would be the most construction-intensive component of the project and this element of the project was completed in 2004. Construction related to the Music Center Improvements element would be minor in comparison to the Grand Avenue Realignment. Noise associated with construction of the 2017 refined project would be expected to result in short term audible noise levels in the area.

Anticipated construction noise levels would normally be consistent with County noise standards and would not constitute a significant impact. Actual noise levels during construction of the 2017 refined project elements would vary during the course of construction depending on where the equipment is located, and what type of equipment was in use at any one time. As indicated in the certified Final EIR, the typically noise levels from construction activity would range from 75 dBA to 85 dBA at a distance of 50 feet. As with the approved project, the 2017 refined project anticipates construction noise levels would be compatible with existing daytime noise levels as indicated in Table 3.8-1 and would not exceed the threshold for significance.

As with the approved project, construction undertaken at night and weekends for the 2017 refined project would be expected to exceed County noise standards, constituting a significant impact. As indicated in the certified Final EIR, with the exception of the Music Center campus, most land uses in the approved project area are dominated by daytime users. Night-time construction would have the potential to adversely affect night-time activities at the Music Center campus. A minimum distance of 150 feet between performance venues of the Music Center campus and operations by heavy equipment avoids significant impacts on ambient noise level.

Based on the analysis in the certified Final EIR, the approved project is not expected to have a significant adverse effect on the Colburn School of Performing Arts. All construction activities for the 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The 2017 refined project has the same demolition program as the approved project. Therefore, as with the approved project, the 2017 refined project will not have an adverse effect on the Colburn School of Performing Arts.

All construction activities for the 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The 2017 refined project has the same demolition program as the approved project. As with the approved project, construction of the 2017 refined project would potentially expose people to noise levels in excess of established standards for more than the 10 days allowed by the Noise Control Ordinance of the County of Los Angeles. As indicated in the certified Final EIR, the approved project was determined to mitigate related impacts from noise to below levels in excess of that specified by the County Noise Ordinance and the City Noise Ordinance for the approved project through application of Mitigation Measures Noise-1 and Noise-2 specified in the 2002 certified EIR. The mitigation measures required in the certified Final EIR were determined to reduce impacts to minimize significant impacts from the exposure of people to below levels in excess of that specified by the County Noise Ordinance and the City Noise Ordinance, to below the level of significance. As with the approved project, the 2017 refined project shall require incorporation of the mitigation measures specified in the certified Final EIR. The 2017 refined project would reduce the impacts related to minimize significant impacts from the exposure of people to below levels in excess of that specified by the County Noise Ordinance and the City Noise Ordinance, to below the level of significance. Therefore, as compared with the approved project, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts related to exposure or generation of noise levels in excess of established standards with the incorporation of the mitigation measures as specified in the certified Final EIR.

Operational

The 2017 refined project would not be expected to result in additional significant impacts as compared with the approved project. As described in the certified Final EIR, the evaluation of the operational impacts of the approved project on noise from vehicular traffic in 2004 and 2010 demonstrated that the project would not contribute additional vehicular trips. As with the approved project, the 2017 refined project would not result in a direct increase of noise levels from vehicular trips. All increases in vehicular trips are from anticipated growth and related projects anticipated by the County of Los Angeles and the City of Los Angeles.

As indicated in the certified Final EIR, anticipated noise levels would be expected to increase above the conditionally acceptable level for auditoriums and concert halls on Grand Avenue between First Street and Second Street. The increase in CNEL from a conditionally acceptable level

of 73dB to 76dB results from related projects anticipated by the County of Los Angeles and the City of Los Angeles. As with the approved project, the 2017 refined project would not contribute trips to the regions but rather encourages the use of alternate modes of travel that has the potential to reduce vehicle trips. Based on the analysis in the certified Final EIR, the anticipated increase in CNEL from 73 to 76 dBA on Grand Avenue between First Street and Second Street and the increase from 69 to 71 dBA on Grand Avenue between Temple Street and First Street remains in the conditionally acceptable level for outdoor recreation as adopted by the Grand Avenue Realignment project, County Mall Pedestrian Improvements, and the Music Center Improvements element.

As with the approved project, all construction activities for the 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The 2017 refined project has the same demolition program as the approved project. Therefore, compared with the approved project, including completed elements of the reconfiguration of Grand Avenue, the 2017 refined project would not be expected to create a new or significantly more severe impact on ambient noise levels from those evaluated for the approved project.

(b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

The 2017 refined project would not create new or substantially more severe significant impacts related to exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels, such that exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As described in the certified Final EIR, construction activities would be expected to generate unacceptable groundborne vibration noise levels. However, they would not be expected to be noticeable by residents.

As described in the certified Final EIR, the use of heavy equipment during construction of the Grand Avenue Realignment and the County Mall Pedestrian Improvements would potentially result in exposure of workers in the northwest portions of the County of Los Angeles Hall of Administration, Paseo de los Pobladores, and the County Courthouse to groundborne vibrations. Similarly, the use of heavy equipment during reconstruction of the Grand Avenue Staircase to the Music Center Plaza, raising of the Music Center Plaza, or construction of structures within the Music Center Plaza; would have the potential to expose workers in adjacent structures within the Music Center campus to groundborne vibration. Although potentially noticeable, groundborne vibrations would not be expected to interrupt daily operations.

As indicated in the certified Final EIR, the approved project was determined to mitigate impacts related to generation of excessive groundborne vibration or groundborne noise, to below the level of significance through application of Mitigation Measures Noise-3 and Noise-4. As with the approved project, including completed elements of the reconfiguration of Grand Avenue, the 2017 refined project would not result in new or substantially more severe significant impacts related to generation of excessive groundborne vibration or groundborne noise.

(c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

The 2017 refined project would not create new or substantially more severe significant impacts related to a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project, such that a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project would be substantially more severely impacted when compared to the approved project. As with the approved project, the 2017 refined project is not expected to result in a substantial permanent increase in ambient noise levels. Ambient noise levels are currently dominated by traffic on Grand Avenue from Temple Street to Second Street. As with the approved project, the 2017 refined project would not increase the parking capacity of the Music Center campus or the County of Los Angeles Mall and encourages County residents and visitors to use alternative modes of travel to commute to the Music Center campus and County of Los Angeles Mall. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The 2017 refined project has the same demolition program as the approved project.

As indicated in the certified Final EIR, anticipated noise levels would be expected to increase above the conditionally acceptable level for auditoriums and concert halls on Grand Avenue between First Street and Second Street. The increase in CNEL from a conditionally acceptable level of 73dB to 76dB results from related projects anticipated by the County of Los Angeles and the City of Los Angeles. As with the approved project, the 2017 refined project would not contribute trips to the regions, but rather encourages the use of alternate modes of travel that has the potential to reduce vehicle trips.

As indicated in the certified Final EIR, the anticipated increase in CNEL from 73 to 76 dBA on Grand Avenue between First Street and Second Street and the increase from 69 to 71 dBA on Grand Avenue between Temple Street and First Street remains in the conditionally acceptable level for outdoor recreation as adopted by the Grand Avenue Realignment project, County Mall Pedestrian Improvements, and the Music Center Improvements element. Therefore, compared with the approved project, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts related to permanent increases in ambient noise levels.

(d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

The 2017 refined project would not create new or substantially more severe significant impacts related to a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project, such that a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project would be substantially more severely impacted when compared to the approved project. A 5-dBA increase above the ambient levels is often considered a substantial increase and significant impact. As indicated in the certified Final EIR, the noise impact analysis for the approved project determined that the project had the potential to create a substantial temporary or periodic increase in ambient noise levels. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The 2017 refined project has the same demolition program as the approved project. The presence and operation of heavy equipment to complete all necessary grading in preparation of the

realignment of Grand Avenue and various pedestrian improvements is the anticipated source of substantial temporary or periodic increase in noise levels. The referenced element of the project was completed in 2004. Noise levels from construction activities are expected to be mitigated to below the County recommended maximum noise levels.

As indicated in the certified Final EIR, the approved project was determined to mitigate related impacts from noise in relation to temporary or periodic increases in ambient noise levels from those evaluated for the approved project to below the level of significance through application of Mitigation Measures Noise-1 and Noise-2 specified in the 2002 certified EIR. The mitigation measures required in the certified Final EIR were determined to reduce impacts on ambient noise levels from temporary and periodic increases in noise during construction, to below the level of significance. As with the approved project, the 2017 refined project shall require incorporation of the mitigation measures specified in the certified Final EIR. The 2017 refined project would reduce the impacts related to a substantial temporary or periodic increase in ambient noise levels to below the level of significance. As with the approved project, including completed elements of the reconfiguration of Grand Avenue, the 2017 refined project would not result in new or substantially more severe significant impacts related to a substantial temporary or periodic increase in ambient noise levels in the 2017 refined project vicinity.

- (e) For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

The 2017 refined project would not create new or substantially more severe significant impacts related to exposing people residing or working in the project area to excessive noise levels for a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, such that exposure of people residing or working in the project area to excessive noise levels would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. As with the approved project, the 2017 refined project is not located within an airport land use plan or within two miles of a public airport according to the transportation policy of the County of Los Angeles General Plan (County of Los Angeles Department of Regional Planning 1984b). The Burbank-Glendale-Pasadena Airport and the Los Angeles International Airport are the nearest public airports, both located approximately 11 miles from the project site. Therefore, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts related to public airports.

- (f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?**

The 2017 refined project would not create new or substantially more severe significant impacts related to exposing people residing or working in the project area to excessive noise levels, for a project within the vicinity of a private airstrip, such that exposure of people residing or working in the project area to excessive noise levels would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, would occur within the same area analyzed for the approved project. The approved project is not located within the vicinity of a private airstrip. The nearest private airstrip is the Santa Monica Municipal Airport located 14 miles west from the approved project site. Therefore, compared with the approved project, the 2017 refined project would not be

expected to result in new or substantially more severe significant impacts related to private airstrips.

MITIGATION MEASURES

As with the approved project, implementation of Mitigation Measures Noise-1 through Noise-4 would be required in order to lessen and/or alleviate the impacts related to noise expected to result from implementation of the 2017 refined project.

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

Implementation of the refinements to the project described in Section 2, *Project Description*, would not affect the level of significance after mitigation, as described in the Final EIR. As with the approved project, incorporation of Mitigation Measures Noise-1 through Noise-4 would reduce the impacts related to noise to below the level of significance for the 2017 refined project.

SECTION 3.9 PUBLIC SERVICES

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the project. The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR), determined that significant impacts related to public services would be reduced below the level of significance through implementation of Mitigation Measures Public Services-1 through Public Services-3. Based on the analysis, it has been determined that the refinements to the project do not constitute a “substantial change” under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, results in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.9, *Public Services*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Public Services-1 through Public Services-3. Sapphos Environmental, Inc. reviewed updated information regarding existing and new public service facilities offered in proximity to the project area, along with the City of Los Angeles General Plan and Los Angeles County General Plan.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to public services, than those identified in the 2002 certified EIR, was evaluated in relation to the question related to public services in the State CEQA Guidelines that were used to evaluate the approved project.

- (a) **Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which would cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for public services:**

Fire Protection?

The 2017 refined project would not create new or substantially more severe significant impacts related to the need for new or physically altered governmental facilities for fire protection, such that the need for new or physically altered governmental facilities for fire protection would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Music Center Improvements element, would occur within the same area analyzed for the approved project. As documented in the Final EIR, the project area would still be adequately served by fire protective services with the implementation of the approved project. As the Final EIR was completed in 2002, available fire protection services were reviewed in 2016. Based on the 2016 review, it is concluded that the project area would still be served by City of Los Angeles Fire Department Stations No. 3, 4, and 9, with Fire Station No. 3 maintained as the primary emergency responder for the Music Center campus.¹ As with the

¹ Los Angeles County Data Portal. 2016. Locations/Points of Interest (LMS Data). Available from <http://egis3.lacounty.gov/dataportal/?s=fire+station+areas>

approved project, implementation of the 2017 refined project would not result in significant impacts on fire protection. In reference to Section 2, *Project Description*, design features inherent to the implementation of the 2017 refined project do not include the addition of flammable materials, so the project would present no increase to the project area's fire risk. In addition, the 2017 refined project would not impede site access for fire protective services, and staffing requirements at the three existing fire stations serving the project area are not anticipated to be affected. Hence, an increase in fire protection services, including the construction of a new fire station, is not anticipated with the implementation of the 2017 refined project. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts related to fire protective services.

Police Protection?

The 2017 refined project would not create new or substantially more severe significant impacts related to the need for new or physically altered governmental facilities for police protection, such that the need for new or physically altered governmental facilities for police protection would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Music Center Improvements element, would occur within the same area analyzed for the approved project. As documented in the Final EIR, the project area would still be adequately served by police protection services with the implementation of the approved project. As the Final EIR was completed in 2002, available police protective services were reviewed in 2016. Based on the 2016 review, it is concluded that the project area will still be served the City of Los Angeles Police Department (LAPD) Central Community Police Station, located at 251 East Sixth Street.² As with the approved project, implementation of the 2017 refined project would not result in significant impacts on police protection. In reference to Section 2, *Project Description*, design features inherent to the 2017 refined project would not result in a significant, permanent increase in population through provision of housing or employment. Additionally, these new design features would not be expected to increase the capacity of the Music Center campus or the County Mall. Therefore, there would be no anticipated increase to local population. Because the adequacy of police protection services is primarily dependent on population, the 2017 refined project would not be expected to result in the need to expand the Central Community Police Station or result in the need for the construction of new police protection facilities. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts related to police protection services.

Schools?

The 2017 refined project would not create new or substantially more severe significant impacts related to the need for new or physically altered governmental facilities for schools, such that the need for new or physically altered governmental facilities for schools would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Music Center Improvements element, would occur within the same area analyzed for the approved project. As documented in the Final EIR, the project area serves as an extended recreational, educational, and cultural venue for area residents, thus having a positive impact on students in both the existing public and private school systems. As the Final EIR was completed in 2002, the existing schools in the vicinity of the Music Center were reviewed in 2016.

² Los Angeles Police Department. Community Police Station Address Directory. Accessed 26 September 2016. Available at: http://www.lapdonline.org/our_communities/content_basic_view/6279

Based on the 2016 review, the Colburn School for Performing Arts, located at 200 South Grand Avenue, is still the nearest school to the project area. However, the nearest public school to the project site is now the Ramón C. Cortines School of Visual and Performing Arts, located at 450 N. Grand Avenue, less than 0.25 mile northeast of the project area.³ As with the approved project, implementation of the 2017 refined project would result in less than significant impacts to schools in the vicinity of the Music Center. As indicated in the Final EIR, implementation of the approved project would have the potential to result in delays for those traveling by car or bus to the Colburn School for Performing Arts. Because the reconfiguration of Grand Avenue was completed in 2003 further street closures and delays are not anticipated with the 2017 refined project, as design elements of the 2017 refined project are limited to the Music Center portion of the project area. Furthermore, the implementation of the 2017 refined project would not be expected to result in impacts to other schools in the surrounding area or in the County of Los Angeles, including the Ramón C. Cortines School of Visual and Performing Arts. Additionally, because the 2017 refined project will not result in an increase in local population, as previously discussed, there is no need for new or alterations to the existing schools located in the vicinity of the Music Center. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts related to schools.

Parks?

The 2017 refined project would not create new or substantially more severe significant impacts related to the need for new or physically altered governmental facilities for parks, such that the need for new or physically altered governmental facilities for parks would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Music Center Improvements element, would occur within the same area analyzed for the approved project. As documented in the Final EIR, the project area, which includes the County Mall and Music Center campus, is still a component of the Civic-Cultural Center identified in the *Regional Recreation Areas Plan*.⁴ As the Final EIR was completed in 2002, the existing parks and recreational facilities were reviewed in 2016. Based on this review, the County Mall and Music Center campus continue to serve the local community as public open space amenities. The project area is also still served by the following nearby parks within an approximate 1-mile radius: Everett Park, Alpine Park, Elysian Park, El Pueblo de Los Angeles State Historic Park, Pershing Square, and Central Library Park. Since 2002, several new parks have been added and planned within a 1-mile radius of the project, including Vista Hermosa Natural Park (opened in 2008),⁵ Grand Park (opened in 2012),⁶ and First and Broadway Civic Center Park (to be opened in 2019).⁷ Given the addition of these parks since the completion of the Final EIR in 2002, it can be concluded the project area is currently more adequately served by parks and recreation facilities than in 2002. As with the approved project, implementation of the 2017 refined project would not result in significant impacts on parks and recreation facilities. As previously discussed, the 2017 refined project is not anticipated to result in any permanent or temporary increase to the

³ Los Angeles County Data Portal. 2016. Locations/Points of Interest (LMS Data). Available at: <http://egis3.lacounty.gov/dataportal/?s=fire+station+areas>

⁴ County of Los Angeles Regional Planning Commission. 29 July 1965. *Los Angeles County Regional Recreation Areas Plan: A Part of the Recreation Element of the General Plan*.

⁵ Watanabe, Teresa. 20 July 2009. New Park a Sight for Sore Eyes. *Los Angeles Times*.

⁶ Allen, Sam. 27 July 2012. Grand Park Downtown Opens with a Flourish- And Hopes of Growing. *Los Angeles Times*.

⁷ Barragan, Bianca. 9 June 2016. Here's the Winning Design for Downtown's Newest Park. *Curbed Los Angeles*. Available at: <http://la.curbed.com/2016/6/9/11895282/first-broadway-park-mia-lehrer>

local population. The project will not result in a reduction in parks or recreational facilities, as the project area will maintain its existing recreational use as a public open space. Furthermore, since the Final EIR was completed in 2002, there are more parks available for public use within close proximity to the approved project area. Hence, the 2017 refined project would not be expected to result in the need to expand nearby parks or the need for the construction of new parks or recreational facilities. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts related to parks and recreational facilities.

Other Public Facilities?

The 2017 refined project would not create new or substantially more severe significant impacts related to the need for new or physically altered governmental facilities for other services, such that the need for new or physically altered governmental facilities for other services would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Music Center Improvements element, would occur within the same area analyzed for the approved project. As documented in the Final EIR, implementation of the proposed project would not be expected to result in significant impacts to other public facilities, including post offices, public libraries, and hospitals, as the local community continues to be well served by these existing public facilities in 2016. As with the approved project, implementation of the 2017 refined project would not result in significant impacts on these public facilities or increase the local population such that existing public facilities would need to be expanded or new public facilities would need to be constructed. Therefore, compared with the approved project, the 2017 refined project would not result in new or substantially more severe significant impacts related to public facilities.

MITIGATION MEASURES

As the 2017 refined project would be anticipated to result in similar impacts to public services compared to the approved project, conformance with Mitigation Measures Public Services-1 through Public Services-3 would be required (Appendix A, *MMP*).

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

As with the approved project, the 2017 refined project would have no impacts related to fire protection, police protection, schools, parks, or other public facilities. As with the approved project, impacts on schools from the 2017 refined project would be reduced to a less than significant level through conformance with Mitigation Measures Public Services-1 through Public Services-3.

SECTION 3.10 TRANSPORTATION AND TRAFFIC

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the project. The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR), determined that significant impacts related to transportation and traffic would be reduced below the level of significance through implementation of Mitigation Measures Transportation-1 through Transportation-7. Based on the analysis, it has been determined that the refinements to the project do not constitute a "substantial change" under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.10, *Transportation/Circulation*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the refined project would require implementation of mitigation measures Transportation-1 through Transportation-7. Mitigation Measures Transportation-3, -6, and -7 are directly applicable to the scope and location of the 2017 project refinements.

This analysis was undertaken to identify opportunities to avoid, reduce, or otherwise mitigate potential significant impacts to transportation/traffic. This evaluation is based on a review of the assumptions and results related to the consideration of the potential for impacts to transportation and traffic used in the Traffic Impact Study (Appendix G, *Traffic Analysis*, of the EIR) in relation to the anticipated construction scenario for the refined project. The Traffic Impact Study was prepared under the supervision of a registered traffic engineer. The Traffic Impact Study evaluated the effects of the approved project on traffic on the local roadway system. The Traffic Impact Study considered 10 key intersections and several on-street segments in the general vicinity of the site. These key locations were determined with input from the County of Los Angeles Department of Public Works and the City of Los Angeles Department of Transportation. In addition, information related to public transportation service to the Music Center was updated using information available through the County of Los Angeles Metropolitan Transportation Authority and Music Center websites.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to transportation and traffic, than those identified in the 2002 certified EIR, was evaluated in relation to the six questions related to transportation and traffic in the State CEQA Guidelines that were used to evaluate the approved project.

- (a) **Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?**

The 2017 refined project would not create new or substantially more severe significant impacts related to conflict with adopted policies, plans, or programs establishing measures of effectiveness for the performance of the circulation system, such that conflict with adopted policies, plans, or programs would be substantially more severely impacted when compared to the significant and

unavoidable impacts that were identified for the approved project as described below. As with the approved project, implementation of the 2017 refined project would encourage County residents and visitors to use alternative modes of travel and public transportation to commute to the Music Center campus and County of Los Angeles Mall (Grand Park). As with the approved project, the 2017 refined project would not require the relocation or re-routing of any bus routes, and would have no direct impact on transit ridership in or through the study area.

As with the approved project, the 2017 refined project encourages County residents and visitors to use alternative modes of travel to commute to the Music Center campus and County of Los Angeles Mall and is consistent with the City of Los Angeles' Mobility Plan 2035, which includes five goals (Safety First, World Class Infrastructure, Access for All Angelenos, Collaboration, Communication and Informed Choices, and Clean Environments & Healthy Communities) that define the City's high-level mobility priorities.¹ As with the approved project, including completed elements of the reconfiguration of Grand Avenue, the 2017 refined project would not result in new or substantially more severe significant impacts related to potential conflict with adopted policies, plans, or programs supporting alternative transportation in excess of established standards from that evaluated for the approved project.

Transit

There are seven bus stops that serve the Music Center Campus:

- West side of North Grand Avenue between Temple Street and 1st Street
- East side of North Grand Avenue between Temple Street and 1st Street
- North side of Temple Street between North Grand Avenue and Hill Street
- South side Temple Street between North Grand and Hill Street
- North side of Hope Street between Temple and 1st Street
- South side Hope Street between Temple and 1st Street
- North side of 1st Street between Hope Street and South Grand Avenue

The Music Center Campus is also accessible via the Red Line and Purple Civic Center Grand Park Station. In 2021, the Metro Regional Connector Project will add a new station one block southwest of the 2017 refined project site at 2nd Street/Hope Street that provides access to the Music Center Campus from the Gold Line, the Expo Line, and the Blue Line.²

Pedestrian Circulation

The realignment of Grand Avenue to provide enhanced pedestrian access, an element of the approved project, was completed in 2004.

Sidewalks

The approved project widened the sidewalk on the southwest and northeast sides of North Grand Avenue from 12 feet to a minimum of about 18 feet and maximum of about 40 feet, which enhanced and facilitates pedestrian access to the Music Center.

¹ City of Los Angeles Department of City Planning. Adopted 7 September 2016. *Mobility Plan 2035: An Element of the general Plan*. Available at: planning.lacity.org/documents/policy/mobilityplnmemo.PDF

² Los Angeles County Metropolitan Transportation Agency. Accessed 22 November 2016. *Regional Connector Transit Project*. Available at: <https://www.metro.net/projects/connector/>

Crosswalks

As with the approved project, the 2017 refined project retains pedestrian crosswalks along Grand Avenue, including the mid-block signalized crosswalk between Temple Street and 1st Street.

Pedestrian Circulation

Completed elements of the project have maintained and improved pedestrian facilities, pedestrian amenities, convenience, circulation, and safety in the study area, particularly along the west side of Grand Avenue and between the Music Center and the County Mall (Grand Park). The approved project recognized the need for temporary sidewalk closures and restricted access on Grand Avenue, within the project area, requiring the consideration of mitigation measures.

Additional pedestrian improvements were completed in the vicinity of driveway ramps to the County Mall Garage, to the sidewalk located southeast of the ramps, including installation of a direct stairway connection down to the Mall.

Compared with the Final EIR, the 2017 refined project would not be expected to create new or substantially more severe significant impacts to traffic and transportation related to conflicting with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, such as creating a substantial increase to the existing traffic and capacity of the street system from that evaluated for the approved project.

It was determined in the Final EIR that the original project did not have the potential to result in significant impacts to vehicular traffic or circulation due to the fact that the proposed project generates no new vehicle trips beyond the ambient growth forecast. Furthermore, though the additional trips generated due to related projects were expected to increase volume-to-capacity (V/C) ratios and generally worsen levels of service, these impacts would be caused solely by the related projects and not the approved project.

The 2017 refined project maintains the overall level of development evaluated in the approved project and thus there would be no anticipated change in vehicular trips, as a result of the project refinements. Because the 2017 refined project would be expected to result in no change in trip generation than that analyzed for the approved project, including Mitigation Measures 1-7 in the EIR and Addendum No. 1 to the EIR, no further traffic analysis of project build-out was warranted. Compared with the approved project, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts related to creating a substantial increase in traffic. Additionally, compared with the approved project, the 2017 refined project would not be expected to create new or substantially more severe significant impacts to transportation and traffic in relation to inadequate parking capacity or relocation or re-routing of bus routes from that evaluated for the approved project, as there is no change in the maximum seating capacity of three entertainment venues on the Music Center Campus.

In regard to impacts to pedestrian circulation, the 2017 refined project would not be expected to create new or substantially more severe significant impacts to pedestrian circulation. There would still be significant impacts to pedestrian access due to temporary sidewalk closures and restricted access on Grand Avenue and the proposed project area. These temporary impacts will be addressed via Mitigation Measures 1-7 as described in the EIR and Addendum No. 1.

- (b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and traffic demand measures, or other standards established by the county congestion management agency for designated roads or highways?**

The 2017 refined project would not create new or substantially more severe significant impacts related to conflict with an applicable congestion management program, including, but not limited to level of service (LOS) standards and traffic demand measures, or other standards, such that conflict with an applicable congestion management program would be substantially more severely impacted when compared to the approved project. The Los Angeles County Congestion Management Plan (CMP) requires new projects to analyze potential project impacts on CMP monitoring locations. The CMP requires that traffic conditions be analyzed at all CMP arterial monitoring intersections where the proposed project would add 50 or more trips during either the a.m. or p.m. weekday peak hours of adjacent street traffic. The proposed project would not generate any additional vehicle trips, and thus would not exceed either of the defined thresholds. Accordingly, per the CMP guidelines, no further traffic analysis was conducted for the CMP arterial/freeway system. The proposed project would not generate any additional transit trips. It is therefore concluded that the project would not cause any significant impacts to the CMP transit system.

The approved project would not generate any additional vehicle trips. As with the approved project, implementation of the 2017 refined project is not expected to exceed an LOS standard established by the County and the City. None of the intersections along Grand Avenue between Temple Street and Second Street are CMP arterial monitoring locations. In addition, the approved project will not generate any new trips. As the existing street locations meet the LOS standards as discussed in CMP, the project would not be expected to exceed the LOS standard at any CMP monitoring location.

- (c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?**

The 2017 refined project would not create new or substantially more severe significant impacts related to resulting in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks, such that resulting in a change in air traffic patterns would be substantially more severely impacted when compared to the approved project. The 2017 refined project is not located within an airport land use plan, within 2 miles of a public airport or public use airport, or in the vicinity of a public airstrip. The 2017 refined project area is located approximately equidistant from the Los Angeles International Airport and the Burbank-Glendale-Pasadena Airport. The project area is located approximately 11 miles from both of these facilities. Therefore, as with the approved project and Addendum 1, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts to transportation and traffic related to a change in air traffic patterns, which would result in substantial safety risks.

- (d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?**

The 2017 refined project would not create new or substantially more severe significant impacts related to substantially increasing hazards due to a design feature or incompatible use, such that substantially increasing hazards due to a design feature or incompatible use would be substantially more severely impacted when compared to the approved project. The 2017 refined project is

limited to improvement with pedestrian accessible areas of the Music Center and does not include any changes to the surrounding roadway network. Therefore, as with the approved project, the 2017 refined project would not be expected to create new or substantially more severe significant impacts to transportation and traffic in relation to a hazards due to a design feature.

(e) Result in inadequate emergency access?

The 2017 refined project would not create new or substantially more severe significant impacts related to resulting in inadequate emergency access, such that resulting in inadequate emergency access would be substantially more severely impacted when compared to the approved project. The 2017 refined project is limited to improvement with pedestrian accessible areas of the Music Center and does not include any changes to the surrounding roadway network. Therefore, as with the approved project, the 2017 refined project would not be expected to create new or substantially more severe significant impacts to transportation and traffic in relation to emergency access.

(f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?

The 2017 refined project would not create new or substantially more severe significant impacts related to conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities, such that conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities would be substantially more severely impacted when compared to the approved project. The 2017 refined project is limited to improvement with pedestrian accessible areas of the Music Center and does not include any changes to the surrounding roadway network. Therefore, as with the approved project, the 2017 refined project would not be expected to create new or substantially more severe significant impacts to transportation and traffic in relation to public transit, bicycle, or pedestrian facilities.

MITIGATION MEASURES

As with the approved project, Mitigation Measures Transportation-1 through Transportation-7 would be required to reduce impacts to the extent practicable. Mitigation measures as described in the Final EIR would remain the same for all issue areas.

LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

Implementation of the refinements to the project described in Section 2 would not affect the level of significance after mitigation, as described in the Final EIR.

SECTION 3.11 UTILITIES AND SERVICE SYSTEMS

This section of Addendum No. 4 analyzes the environmental impacts caused by the refinements to the project. The certified Environmental Impact Report (EIR), as amended (by Addenda Nos. 1, 2, and 3 to the EIR), determined that significant impacts related to utilities and service systems would be reduced below the level of significance through implementation of Mitigation Measures Utilities-1 through Utilities-3. Based on the analysis, it has been determined that the refinements to the project do not constitute a "substantial change" under the California Environmental Quality Act (CEQA). The analysis contained in this section demonstrates that the refinements to the project discussed in Section 2, *Project Description*, result in neither new significant impacts nor significant impacts that substantially increase the severity of impacts previously described in the certified EIR, as amended. The proposed refinements are consistent with Section 3.11, *Utilities and Service Systems*, of the Final EIR, as amended, and no major revisions to the Final EIR are required. As with the approved project, the 2017 refined project would require implementation of Mitigation Measures Utilities-1 through Utilities-3. The utilities and service systems analysis focused on reviewing the analysis pertaining to the questions outlined in the State CEQA Guidelines. Sapphos Environmental, Inc. reviewed the original data used for the certified Final EIR for analysis and evaluate the refinements in relation to the California Solid Waste Reuse and Recycling Access Act of 1991, the County of Los Angeles General Plan, the County's Solid Waste Management Action Plan, the City of Los Angeles' storm drain system, and the U.S. Geological Survey (USGS) 7.5-minute series Los Angeles, California, topographic quadrangle in which the project site is located.

ENVIRONMENTAL IMPACTS

The potential for the 2017 refined project to result in new or substantially more severe significant impacts to utilities and service systems, than those identified in the 2002 certified EIR, was evaluated in relation to the four questions related to utilities and service systems in the State CEQA Guidelines that were used to evaluate the approved project.

(a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

The 2017 refined project would not create new or substantially more severe significant impacts related to exceedance of wastewater treatment requirements of the Regional Water Quality Control Board (RWQCB), Los Angeles Region, such that exceedance of wastewater treatment requirements would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, is not expected to increase the capacity of the Music Center campus or the Los Angeles County Mall, or require the construction of new facilities requiring wastewater treatment, beyond the levels evaluated in the EIR, as amended. As indicated in the approved project, wastewater generated by the 2017 refined project would be treated at the Hyperion Treatment Plant (HTP) operating as one of the largest treatment facilities in the world with a capacity of 450 million gallons per day (mgd), up to 800 mgd during wet weather.¹ As indicated in the approved project, wastewater would flow into the existing wastewater system. The 2017 refined project would not necessitate the expansion of existing or construction of new sewer lines beyond the levels evaluated in the EIR, as amended.

¹ City of Los Angeles. Accessed September 2016. Water Reclamation Plants. Available at: https://www.lacitysan.org/san/faces/home/portal/s-lsh-wwd/s-lsh-wwd-cw/s-lsh-wwd-cw-p?_adf.ctrl-state=19qvwppxz_443&_afLoop=33725586478643001#!

There will be no net increase to local population, and no increase in current wastewater discharge. Therefore, compared with the approved project, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts to utilities and service systems related to exceedance of wastewater treatment requirements.

(b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

The 2017 refined project would not create new or substantially more severe significant impacts related to requiring or resulting in the construction of new water or wastewater treatment facilities or expansion of existing facilities, such that requiring or resulting in the construction of new water or wastewater treatment facilities or expansion of existing facilities would be substantially more severely impacted when compared to the approved project. The 2017 refined project, which includes design changes to the Grand Avenue and Environs element, is not expected to increase the capacity of the Music Center campus or the Los Angeles County Mall, or require the construction of new facilities requiring wastewater treatment. As indicated in the approved project, water services are provided by the City of Los Angeles Department of Water and Power (DWP), which calculates demand for water services on resident and employment population estimates derived from Southern California Association of Governments (SCAG) data and population distributions shown by census tract. DWP currently supplies water to the existing landscape components within the limits of the 2017 refined project area. As indicated in the approved project, wastewater generated by the 2017 refined project would be treated at the Hyperion Treatment Plant (HTP) operating as one of the largest treatment facilities in the world with a capacity of 450 million gallons per day (mgd), up to 800 mgd during wet weather.² As indicated in the approved project, wastewater would flow into the existing wastewater system. The 2017 refined project would not necessitate the expansion of existing or construction of new sewer lines. There will be no net increase to local population, and no increase in current water or wastewater discharge requiring the construction of new water or wastewater treatment facilities. Therefore, compared with the approved project, the 2017 refined project would not be expected to create new or substantially more severe significant impacts requiring or resulting in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects.

(c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

The 2017 refined project would not create new or substantially more severe significant impacts related to construction of new storm water drainage facilities or expansion of existing facilities, such that construction of new storm water drainage facilities or expansion of existing facilities would be substantially more severely impacted when compared to the approved project. As indicated in the approved project, the 2017 refined project would not alter the existing drainage patterns of the site area. The 2017 refined project would result in the same new building space as the approved project; therefore, there would be no increase in the total impervious surface area. Therefore, no contribution to an exceedance in runoff would be expected to result with the overall

² City of Los Angeles. Accessed September 2016. Water Reclamation Plants. Available at: https://www.lacitysan.org/san/faces/home/portal/s-lsh-wwd/s-lsh-wwd-cw/s-lsh-wwd-cw-p?_adf.ctrl-state=19qwppxz_443&_afLoop=33725586478643001#

change in building coverage and paved areas for the 2017 refined project. As indicated in the approved project, the 2017 refined project would not be expected to generate runoff water that would exceed the existing storm water drainage system. As indicated in the approved project, implementation of specified mitigation measures would be required to minimize impacts as a result of the realignment of Grand Avenue sidewalks and roadway requiring the relocation of portions of the existing storm drain system. However, the 2017 refined project would be located entirely within the footprint of the existing alignment of the sidewalks and roadway. County Mall Pedestrian Improvements and Grand Avenue and Environs are located wholly within existing developed areas of these facilities. There would be no significant increase in the impacted area, general grades, slopes of overall surface drainage characteristics of the sidewalks and roadway, the County Mall, or the Music Center Campus. The 2017 refined project would not be expected to create or contribute run-off water that would exceed the capacity of the existing storm water system. Therefore, compared with the approved project, the 2017 refined project would not be expected to create new or substantially more severe significant impacts to utilities and service systems related to construction of new storm water drainage facilities or expansion of existing facilities.

(d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

The 2017 refined project would not create new or substantially more severe significant impacts related to having sufficient water supplies available, such that having sufficient water supplies available would be substantially more severely impacted when compared to the approved project. As in the approved project, water service would be provided by the Los Angeles Department of Water & Power – Water Services (DWP-Water). Between Temple Street and First Street there is a 12-inch water line (at a minimum of 36 inches below grade underneath the street), along the northwest side, 18 feet from the existing centerline of Grand Avenue. On First Street there is an 8-inch water line which runs northwest-southeast, 28 feet south of the street centerline. Between First Street and Second Street, the 12-inch water line (at a minimum of 36 inches below grade underneath the street) is approximately 25 feet northwest of the existing Grand Avenue centerline. From a point approximately 300 feet north of First Street, two 12-inch chilled water lines run along the southeast side of Grand Avenue to a point 320 feet south of the intersection of Grand Avenue and First Street. There are existing fire hydrants and water service vaults behind the existing curb line on both sides of Grand Avenue. Between Temple and First Streets there are three fire hydrants on Grand Avenue—two on the northwest side of the street and one on the southeast side. Between First and Second Street there are two fire hydrants on the southeast side of Grand Avenue and one on the northwest side in front of the Disney Concert Hall. The Disney Concert Hall is also serviced by fire hydrants on First and Second Streets. As indicated in the approved project, the 2017 refined project would continue to have sufficient water supplies available to serve the project from existing entitlements and resources. Therefore, compared with the approved project, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts related to having sufficient water supplies available to serve the 2017 refined project from existing entitlements and resources, or resulting in the need for new or expanded entitlements.

- (e) **Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?**

The 2017 refined project would not create new or substantially more severe significant impacts related to the wastewater treatment provider's capacity to serve the 2017 refined project within existing commitments, such that the wastewater treatment provider's capacity to serve the 2017 refined project within existing commitments would be substantially more severely impacted when compared to the approved project. As with in the approved project, wastewater generated by the 2017 refined project would be treated at the Hyperion Treatment Plant (HTP) operating as one of the largest treatment facilities in the world with a capacity of 450 million gallons per day (mgd), up to 800 mgd during wet weather. As indicated in the approved project, wastewater would flow into the existing wastewater system.³ The 2017 refined project would not necessitate the expansion of existing or construction of new sewer lines. There will be no net increase to local population, and no increase in current water or wastewater discharge requiring the construction of new water or wastewater treatment facilities. The refined project would involve the same square feet of new building space as evaluated for the approved project. Therefore, compared with the approved project, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts related to the wastewater treatment provider's capacity to serve the 2017 refined project within existing commitments.

- (f) **Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?**

The 2017 refined project would not create new or substantially more severe significant impacts related to being served by a landfill with sufficient permitted capacity to serve the 2017 refined project site, such that being served by a landfill with sufficient permitted capacity to serve the 2017 refined project site would be substantially more severely impacted when compared to the approved project. The 2017 refined project is not expected to generate new population growth nor increase the capacity of the Music Center campus or the Los Angeles County Mall. As such, the 2017 refined project will comply with all federal, state, and local regulations related to solid waste disposal. These improvements therefore, will be of no net increase to local population, and have no long-term impact on solid waste disposal resources. As indicated in the approved project, the 2017 refined project will result in significant construction activity that would result in a temporary impact on solid waste disposal resources. The City of Los Angeles Bureau of Sanitation is responsible for waste management within its incorporated area. In 1996, the County estimated a theoretical remaining capacity in Los Angeles County landfills of 69.9 million tons.⁴ There is currently inadequate capacity in authorized landfills to accommodate anticipated solid waste generation. In response to this fact, the City of Los Angeles has developed a long-range, 30-year Solid Waste Management Policy Plan for managing the City's solid waste. In addition, in order to comply with the 1989 California Integrated Waste Management Act, the City has also prepared a Service Reduction and Recycling Element. In accordance with the California Solid Waste Management Act of 1989, the City of Los Angeles Bureau of Sanitation, Solid Resources Management Division, would require the County to manage the solid waste generated during construction of the project by diverting it from disposal in landfills, particularly Class III landfills,

³ City of Los Angeles. Accessed September 2016. Water Reclamation Plants. Available at: https://www.lacitysan.org/san/faces/home/portal/s-lsh-wwd/s-lsh-wwd-cw/s-lsh-wwd-cw-p?_adf.ctrl-state=19qvwppxz_443&_afLoop=33725586478643001#

⁴ County of Los Angeles Department of Public Works. 1996.

through source reduction, reuse, and recycling of construction and demolition debris. The County will comply with its own Solid Waste Management Plan. Therefore, compared with the approved project, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts to utilities and service systems related to a landfill with sufficient space to accommodate the 2017 refined project's waste disposal needs.

(g) Comply with federal, state, and local statutes and regulations related to solid waste?

The 2017 refined project would not create new or substantially more severe significant impacts related to compliance with federal, state, and local statutes and regulations related to solid waste, such that compliance with federal, state, and local statutes and regulations related to solid waste would be substantially more severely impacted when compared to the approved project. The 2017 refined project would be in compliance with the California Integrated Waste Management Act of 1989 and the California Solid Waste Reuse and Recycling Access Act of 1991, *as amended*. The 2017 refined project would result in significant impacts on utilities related to solid waste generation, requiring the consideration of mitigation measures to comply with federal, state, and local statutes and regulations. The 1989 California Integrated Waste Management Act (AB 939) requires the City of Los Angeles to attain specific waste diversion goals. The City's Source Reduction and Recycling Element requires the attainment of these standards by targeting Bureau of Sanitation served waste generators, such as the 2017 refined project. In addition, the California Solid Waste Reuse and Recycling Access Act of 1991, *as amended*, requires expanded or new development projects to incorporate storage areas for recycling bins into the 2017 refined project design. Therefore, compared with the approved project, the 2017 refined project would not be expected to result in new or substantially more severe significant impacts to utilities and service systems related to compliance with federal, state, and local statutes. The approved project specified a mitigation measure in the Final EIR, to reduce the impacts on solid waste disposal needs, in accordance with the California Solid Waste Management Act of 1989, the County of Los Angeles Department of Public Works shall require the construction contractor to manage the solid waste generated during construction of the project by diverting it from disposal in landfills, particularly Class III landfills, through source reduction, reuse, and recycling of construction and demolition debris. Additionally, the County shall comply with its own Solid Waste Management Plan. As indicated in the approved project, the 2017 refined project requires compliance with the mitigation measure specified in the Final EIR in order to reduce potential impacts to solid waste disposal needs.

3.11.2 MITIGATION MEASURES

As with the approved project, implementation of Mitigation Measures Utilities-1 through Utilities-3 would be required in order to lessen and/or alleviate the impacts related to utilities and services systems expected to result from implementation of the refined project.

3.11.3 LEVEL OF SIGNIFICANCE AFTER PROJECT REFINEMENTS

Implementation of the refinements to the project described in Section 2, *Project Description*, would not affect the level of significance after mitigation, as described in the Final EIR. As with the approved project, incorporation of Mitigation Measures Utilities-1 through Utilities-3 would reduce the impacts related to utilities and service systems to below the level of significance for the 2017 refined project.

SECTION 4.0

FINDINGS

Addendum No. 4 to the EIR has evaluated the environmental impacts associated with the refinements to the project description as described in Section 2. Based on the analysis contained in Section 3 of this addendum, it has been determined that the refinements to the Music Center Improvements as discussed in Section 2 neither create new or more significant environmental impacts nor require any major revisions to the Final EIR.

Under CEQA, Section 15164, an Addendum to a previously certified EIR is the appropriate form of document when some changes or additions are necessary but when none of the following conditions described in detail in Section 15162 calling for preparation of a Subsequent EIR has occurred:

- The project will have one or more significant effects not discussed previously in the EIR, or substantially more severe effects.
- Changes in project circumstances raise new or more severe significant effects.
- Mitigation measures or alternatives previously found to be not feasible would, in fact, be feasible and would substantially reduce one or more significant effects of the project.
- Mitigation measures or alternatives that were not previously considered in the EIR would substantially lessen one or more significant effect on the environment but are not adopted.

For the reasons set out below, the County has concluded that a subsequent EIR (or any follow-up EIR) is not required, and an Addendum to the EIR is the appropriate CEQA compliance document for approval of the refinements to the project description. The Final EIR contained a project-level analysis of the proposed project. The Final EIR examined whether the construction and operation of the facility component would result in significant impacts, requiring the consideration of mitigation measures and feasible alternatives. Mitigation Measures Aesthetic-1 (as amended in this document), Air-10, Air-11, Cultural-1, Cultural-2, Geology-8, Hazards-1, Hazards-2, Noise-2 through Noise-4, Public Services-1 through Public Services-3, Transportation-7, and Utilities-1 through Utilities-3 from the MMP would apply to the 2017 refined project. The Final EIR determined that all project-related impacts could be reduced to less than significant levels through the implementation of mitigation measures, except for unavoidable significant impacts to air quality, cultural resources, noise, and transportation/traffic.

As a result of the analysis undertaken by The Music Center in Section 3, the County does not have any substantial basis for concluding that the refinements to The Music Center Improvements element is likely to materially differ from the project evaluated in the Final EIR. Therefore, none of the conditions defined in Section 15162 of the CEQA Guidelines would occur as a result of implementing the proposed refinements. Refinements to the project description are consistent with the requirements of CEQA and do not raise important new issues about significant effects on the environment. The Final EIR analysis comprehensively discloses those environmental impacts that would be anticipated in association with the construction and operation of The Music Center Improvements element of the project. This finding is made pursuant to and in compliance with CEQA Guidelines Section 15164 (e) and is supported by substantial evidence.

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APPENDIX A
MITIGATION MONITORING PLAN

MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT

STATE CLEARINGHOUSE NUMBER 2001101166

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OCTOBER 2002

SECTION I INTRODUCTION

The California Environmental Quality Act (CEQA, Public Resources Code Section 21000 et seq.) requires a lead or responsible agency that approves or carries out a project where an environmental impact report (EIR) has identified significant environmental effects to adopt a "reporting or monitoring program for the changes to the project which it has adopted or made a condition of project approval in order to mitigate or avoid significant effects on the environment." The County of Los Angeles is the lead agency for the subject project. A public agency shall provide that measures to mitigate or avoid significant effects on the environment are fully enforceable through permit conditions, agreements, or other legally binding instruments. Conditions of project approval may be set forth in referenced documents that address required mitigation measures, or in the case of the adoption of a plan, policy, regulation, or other public project, by incorporating the mitigation measures into the plan, policy, regulation, or project design.

SECTION II PROJECT

The Project is titled *The Grand Avenue and Environs Project* (Project). The Project will principally involve the following improvements.

II.1 PROJECT ELEMENTS

II.1.1 Grand Avenue Realignment

The realignment of Grand Avenue would shift the existing curved roadway between Temple Street and First Street. This would accommodate wider sidewalks and increase pedestrian activity. Additional sidewalk width on the southeast side of Grand Avenue would be accommodated by reconfiguring the existing landscape and streetscape.

II.1.1.1 Pedestrian Improvements

Pedestrian improvements would enhance the sidewalks that run parallel to Grand Avenue. As a result of the project, specific design guidelines would be established for street furnishings for this two-block section of Grand Avenue. These guidelines would address specific issues related to appropriate spacing of street trees, lighting elements, benches, trash receptacles, newspaper racks, and other general issues to allow a coordinated look for the entire Grand Avenue corridor. The project would incorporate wayfinding and informational signs and public art. New bus stop shelters at the existing bus stop locations would be incorporated into the roadway design. The bus stop that was located in front of the Walt Disney Concert Hall was temporarily relocated to a location south of Second Street for the duration of the Concert Hall construction. This project proposes to permanently locate the bus stop at that location south of Second Street.

The provision of additional enhanced street furnishings is contingent on the availability of funding. Such enhancements include non-standard street lights, additional wayfinding signs, new trash receptacles, non-standard bus shelters, and the replacement of railing along the Grand Avenue balcony overlooking the County Mall.

Widen and Improve Sidewalks along Grand Avenue

This element would consist of construction of a wider sidewalk on the west side of Grand Avenue in front of the Music Center campus. As proposed, the 1,060-linear-foot stretch of sidewalk would range from 18 feet to 32 feet in width from building face. This would create a more welcoming environment for the community and provide welcoming access to the Music Center. The project would include demolishing and replacing the existing sidewalk surfaces on both sides of the street. The sidewalks are cracked and buckled by aged street trees that take up much of the existing sidewalk width. All utilities, traffic signals, roadway appurtenant facilities, and fuel tank vents and fill lines would be relocated as needed.

As proposed, this project would expand the existing sidewalk along Grand Avenue to provide a more

appropriate setting for the Walt Disney Concert Hall (scheduled to open in 2003). The width of the sidewalk in front of the Walt Disney Concert Hall would vary from 18 feet to 32 feet from the current curb edge, resulting in a total sidewalk width of 28 feet to 40 feet. The Concert Hall site is 460 feet in length.

In addition, the existing trees along the street would have to be removed. At a minimum, the project calls for replacing each of the 55 removed trees with a new tree in accordance with the revised landscape scenario. New trees would be planted in clusters with tree wells. Tree specimens would be selected by the County of Los Angeles Department of Public Works. Planting of additional trees above those required to replace those removed would be incorporated into the project contingent on the availability of funding.

Pedestrian Street Crossing

The project would replace existing standard crosswalks at the intersections of Grand Avenue and Temple Street, First Street, and the mid-block crossing on Grand Avenue between Temple Street and First Street with distinctive crosswalks with specialized paving material and finish. The crosswalk at Second Street would be restriped.

The existing signalized mid-block pedestrian crossing on Grand Avenue between Temple Street and First Street would remain at approximately the same location in the new roadway configuration. It is assumed that the crosswalk would be no less than 20 feet wide and 69 feet long, with appropriate identification. Additional remodeling may be possible to enhance the vista in the corridor by lowering the outermost driveway walls of the spiral ramps to the County garage, reducing the visual barrier created by the driveways.

Strengthen Pedestrian Tunnels

The two pedestrian tunnels under Grand Avenue were analyzed to determine if rerouting of traffic loads would adversely impact the tunnels. Analysis indicated that at isolated locations some of the allowable stresses are exceeded. Reinforcement would be undertaken to maintain the structural integrity of the tunnels to handle live loads. The necessary reinforcement to the tunnels would not affect the inside of the tunnels. A structural slab is proposed for the top only. Both tunnels would stay open during construction for pedestrian use.

Relandscape and Redesign Building Entries on the Southeast Side of Grand Avenue

Realignment of Grand Avenue and the sidewalk would require modification to exterior hardscape and landscape in the vicinity of the Grand Avenue entrances to the County of Los Angeles Hall of Administration and the County of Los Angeles Courthouse: planters and monument siting, juror queuing area, ADA-accessible ramps, street furnishings, and temporary security devices.

Realignment of the roadway within the project limits would affect existing landscape planters on the southeast side of Grand Avenue. The planters that are affected by the realignment of Grand Avenue would be offset by the construction of new planters and the installation of landscape lighting. Red granite that currently defines the edge of portions of the planter elements of the landscape would be

reincorporated to the maximum extent practicable. Existing monuments would be relocated to a secure location during the construction period.

The back of the proposed sidewalk would encroach on the County of Los Angeles Courthouse entrance area, which is currently used for queuing visitors waiting to enter the building. This area would have to be redesigned to minimize impacts to the County of Los Angeles Courthouse and to accommodate groups of as many as 400 people at one time queuing outside the building. A new "pocket park" would be created in the area in front of the County of Los Angeles Courthouse at the corner of Grand Avenue and First Street to be used by visitors and jurors waiting and queuing. The creation of the pocket park would include landscaping, benches, decorative paving, and incorporation of existing artwork. New lighting would be installed to allow for safety.

The existing ADA-accessible ramp that provide access to the County of Los Angeles Hall of Administration would be replaced. The new ADA-accessible ramp would be better integrated into the overall architecture of the County Mall. Pedestrian lighting would be provided in conjunction with the ADA-accessible ramps.

A new landscaped pedestrian environment and streetscape on the southeast side of the street would be created that would be compatible with the new sidewalk and landscaped areas on the west side of the street, including street trees, lighting elements, benches, trash receptacles, newspaper racks, etc.

As part of the project, permanent bollards would be installed to replace the existing bollards located at the Grand Avenue entrances to the County of Los Angeles Hall of Administration and the County of Los Angeles Courthouse. Security at these same building entrances would be enhanced through the provision of additional lighting.

Reconfiguration of County Parking Lot 22

The existing County Parking Lot 22 located in the County of Los Angeles Mall on Grand Avenue at street grade would be reconfigured to accommodate the realignment of the street and sidewalk. The total number of parking spaces in the reconfigured parking area would be the same as the existing condition. It is anticipated that the reconfiguration of Lot 22 would require relocation of the guard shack and re-striping of the parking lot. The existing wall located on the north side of the parking area may require relocation to accommodate the reconfigured parking area.

II.1.1.2 Roadway Realignment

The realignment of Grand Avenue would push the existing roadway southeastward, accommodating wider sidewalks in the areas of greatest pedestrian traffic. The existing roadway would be demolished in two phases and would be realigned and shifted to the southeast. The realigned roadway would encroach on Parcel Q (Lot 17) a maximum of 29 feet from the back of the sidewalk to the proposed retaining wall. This retaining wall would be required at the current toe of the slope in the area north of the bridge and south of First Street to support the new sidewalk and roadway alignment. The existing traffic signals would be relocated in conjunction with the realigned intersections of Grand Avenue and Temple Street, First Street, and Second Street. The bridge would be widened south of First Street and north of Second Street. This project includes new curbs, gutters, asphalt, bus pads, striping,

etc. Relocation of the roadway would require relocation of appurtenant facilities including storm drains and utilities.

Six typical cross-sections describe the width of the road and traffic lane configurations throughout the total length of the roadway realignment (approximately 1,920 linear feet from Temple Street to just south of Second Street).

Section A-A: (This section is located immediately southwest of the intersection at Grand Avenue and Temple Street. The Ahmanson Theatre is located northwest of Grand Avenue, and the Los Angeles County Hall of Administration is located southeast of Grand Avenue at this point.)

After realignment of Grand Avenue, this section of road would be 80 feet wide and provide three lanes of northbound traffic and would be sized to accommodate three southbound lanes (to be striped for two southbound lanes). In addition, there would be a 10-foot-wide center lane dedicated for northbound left turns. The southbound direction is sized to accommodate up to three lanes (listed from outside to inside): 13 feet, 11 feet, and 11 feet. However, the southbound direction would be striped for two lanes: 24 feet and 11 feet. The three northbound traffic lanes would be sized as follows: 13 feet (right turn only), 11 feet, and 11 feet.

Section B-B: (This section of Grand Avenue is located midway between Temple Street and First Street. The Music Center Plaza is located northwest and the circular driveways are located southeast at this point.)

After realignment of Grand Avenue, this section of road would be 69 feet wide and provide two lanes of traffic northbound and would be sized to accommodate three southbound lanes (to be striped for two southbound lanes). In addition, there would be a 10-foot-wide center lane dedicated for turns into or out of the underground parking structures located under the Music Center and the Paseo de los Pobladores de Los Angeles. The two northbound traffic lanes would be 13 feet wide (outside lane) and 11 feet wide (inside lane). The southbound direction is sized to accommodate up to three traffic lanes: 13 feet, 11 feet, and 11 feet. However, the southbound direction would be striped for two lanes: 24 feet and 11 feet. To accommodate the realignment, access to the County parking lot would need to be reconfigured and the guard shack would need to be relocated from its current location.

Section C-C: (This section is located immediately northeast of the intersection of Grand Avenue and First Street. The Dorothy Chandler Pavilion is located northwest of Grand Avenue, and the Los Angeles County Courthouse is located southeast of Grand Avenue at this point.)

After realignment of Grand Avenue, this section of road would be 80 feet wide and provide three lanes of traffic in the southbound direction and two lanes of traffic in the northbound direction. In addition, there would be a 10-foot-wide center lane dedicated for southbound left turns. The two northbound traffic lanes would be 24 feet wide (outside lane) and 11 feet wide (inside lane). The three southbound traffic lanes would have widths of 13 feet (right turn only), 11 feet, and 11 feet.

Section D-D: (This section is located immediately southwest of the intersection at Grand Avenue and First Street. The Walt Disney Concert Hall is located northwest of Grand Avenue, and Lot 17 (Parcel Q) is located southeast of Grand Avenue at this point.)

After realignment of Grand Avenue, this section of road would be 69 feet wide and provide three northbound lanes and two southbound lanes. In addition, there would be a 10-foot-wide center lane dedicated for northbound left turns. The three northbound traffic lanes would have the following widths (listed from outside to inside): 13 feet (right turn only), 11 feet, and 11 feet. The two southbound traffic lanes have widths of 13 feet and 11 feet.

Section E-E: (This section is located immediately northeast of the intersection at Grand Avenue and Second Street. The Walt Disney Concert Hall is located northwest of Grand Avenue, and Lot 17 (Parcel Q) is located southeast of Grand Avenue at this point.)

After realignment of Grand Avenue, this section of road would be 73 feet wide and provide two northbound lanes and three southbound lanes. In addition, there would be a future center lane, with a varying width of 10 feet to 14 feet, dedicated to southbound left turns. The future center lane would be completed in coordination with the plans for the Upper Second Street Extensions Project. The two northbound lanes would be 13 feet wide (outside lane) and 11 feet wide (inside lane). The three southbound lanes would have widths of 13 feet (right turn only), 11 feet, and 11 feet.

Improvements would also include construction of a vehicle drop-off area incorporated into the outside southbound lane immediately in front of the Walt Disney Concert Hall. The dimensions of the vehicle drop-off area would be approximately 11 feet by 260 feet, with the lane blending into an approximately 100-foot dedicated right turn lane onto Second Street.

Section F-F: (This section is located immediately southwest of the intersection of Grand Avenue and Second Street. Parcel L is located northwest of Grand Avenue, and the Colburn School of Performing Arts is located southeast of Grand Avenue at this point.)¹

To create the center lane and to align traffic with the roadway southwest of Second Street, an existing 10-foot by 75-foot bridge ventilation opening would be filled or reset flush with the roadway surface, and the roadway would be reconfigured for 280 feet.

After realignment of Grand Avenue, this section of the road would be 86 feet wide and include two traffic lanes in both directions. There would be a center lane dedicated for northbound left turns that varies in width from 10 to 12 feet wide. The two northbound lanes would be 15 feet wide (outside lane) and 11 feet wide (inside lane). The two southbound lanes have widths of 11 feet (inside lane) and 31 feet (outside lane).

II.1.2 County Mall Pedestrian Improvements

II.1.2.1 Remodel Steps from Grand Avenue to County Mall

The new roadway and sidewalk alignment would accommodate pedestrian traffic around and across the existing circular driveways. Currently, the existing stairs leading to the County Mall are not clearly

¹While the roadway realignment is actually from Temple Street to Second Street, some modifications will have to be made to the roadway southwest of Second Street (up to Kosciuszko Street) to align traffic through the intersection.

visible from the street. The top flights of the existing staircases from Grand Avenue to the Paseo de los Pobladores de Los Angeles would be realigned to improve their visibility and accessibility from Grand Avenue. In addition, a new cantilevered staircase, visible from Grand Avenue, would be constructed that would serve to invite pedestrians into the Paseo de los Pobladores de Los Angeles. The design of the new staircase would be compatible with existing architecture. The inclusion of the cantilevered staircase is contingent on the identification of additional funding.

II.1.2.2 Provide Elevator from Grand Avenue to County Mall

The Paseo de los Pobladores currently has no direct ADA access from Grand Avenue. The provision of an elevator located adjacent to the northern pedestrian tunnel (currently occupied by a closed restroom facility) would allow for direct ADA access to Grand Avenue from the existing Metro Red Line that serves the area through the Civic Center Station via the Paseo de los Pobladores de Los Angeles portion of the County Mall.

II.1.2.3 Provide Pedestrian Bridge over Circular Driveways

The provision of a pedestrian bridge over the circular driveways would improve pedestrian access into the County Mall from Grand Avenue by extending the pedestrian crossing over the ramps to meet the new sidewalk overlooking the Paseo de los Pobladores de Los Angeles around the back of the ramp. The construction of the pedestrian bridge to connect the mid-block crosswalk to the sidewalk behind the circular ramp entrances is contingent on the identification of funding.

II.1.3 Music Center Improvements

II.1.3.1 Grand Avenue Street Level

Enhance Building Entries on the Northwest Side of Grand Avenue

The Artists Entrance to the Dorothy Chandler Pavilion would be upgraded into a more visible and distinctive entrance for visitors. These upgrades may include plantings, lighting, and signs.

Remodel the Staircase That Connects Grand Avenue to the Music Center Plaza

The existing staircase connecting the Music Center campus to Grand Avenue is not as welcoming as it could be. Enhanced visibility of the Music Center Plaza would be achieved by widening and deepening of the stairway. The redesigned stairway would be capable of serving as a setting for outdoor performances.

The Music Center and County of Los Angeles have adopted a proposed staircase design that could be accomplished within the existing sidewalk width by extending the stair into the Music Center campus. The proposed staircase would extend an addition 2 feet, 2 inches into the existing sidewalk, leaving 8 feet to the curb line. Increase visibility from Grand Avenue into the Music Center Plaza would be accomplished by extending the landing to the northwest into the plaza.

Remodel Lower Level Restaurant Space

The existing restaurant space located at street grade on the Grand Avenue of the Music Center campus would undergo exterior and interior renovations within the existing footprint of the restaurant. The restaurant space is located on the southeast corner of the Music Center campus, immediately underneath the Dorothy Chandler Pavilion. The remodel itself is intended to introduce a brasserie concept to the restaurant, and will provide a new, attractive storefront. To date, only a concept for the brasserie layout has been developed. Upon final selection of an architect for this work, the remodel design will be more fully developed, and construction may move forward whether or not the roadway realignment is completed.

The exterior renovations would replace approximately 80 linear feet of granite with glass to enhance window frontage on Grand Avenue within existing restaurant dimensions. A sidewalk seating area to serve the restaurant space would be created along approximately 140 linear feet of sidewalk in front of the restaurant. We have been advised by the City of Los Angeles that outdoor dining, which is likely to include little more than tables and chairs, requires a 6-foot unobstructed pedestrian travel area. If the final design for the Otto's remodel includes outdoor dining, which has not yet been finally determined at this early date, this can be accomplished within existing sidewalk widths. This would not be an uncommon configuration within the City of Los Angeles.

Remodel Pedestrian Intersections and Stairways

The pedestrian and landscape amenities that border the Music Center at the intersections of Temple Street and Grand Avenue and First Street and Grand Avenue would be enhanced to provide a more welcoming pedestrian environment. The orientation and alignment of the sidewalk would allow pedestrians to have visual connection to the Walt Disney Concert Hall. The stairways to the plaza would remain intact. The surrounding sidewalk configuration and landscaping would be upgraded to allow better pedestrian flow.

Screen Loading Dock

The Dorothy Chandler Pavilion's loading dock located on Grand Avenue, near First Street, is currently visible from pedestrian areas on Grand Avenue. This corner is a critical pedestrian and visual link to the Walt Disney Concert Hall. The loading area would be reconfigured and/or camouflaged by erecting an additional wall between the loading dock and the stairway. The loading dock could be further screened through the installation of a fence to screen the approximately 2,000-square-foot area.

II.1.3.2 Music Center Plaza Level

Create New Donor Recognition Opportunities

The Music Center Plaza is surrounded by a perimeter of granite placards that contain the names of Music Center donors that have been added over time. Removal of the granite placards would allow the donor names to be displayed prominently and incorporated into the design of the Plaza. Donor names would be incorporated into additional architectural elements, such as a donor wall, water feature, or plaza paving. Plans include glass elements in three locations, with names etched in the glass

and backlit, as follows:

- Etching names into glass panels installed in the sides of the Grand Avenue staircase.
- Etching names into backlit glass panels installed in the floor surface of the new raised plaza surface.
- Erecting new glass placards at the Hope Street side of the Plaza with names etched in glass. A maximum of five placards would be placed at this location.

Removal of the granite placards that were added on an ad hoc basis during the past 30 years would restore visibility of the landscape elements surrounding Music Center Plaza, consistent with the original design intent.

Plaza Improvements

The existing depressed area of the Music Center Plaza would be raised by approximately 20 inches. Raising the floor of the Music Center Plaza surrounding the fountain will bring it flush with the existing fountain and the venue porticos, creating better general accessibility and safety, resurfacing the old worn materials of the plaza, accommodating installation of necessary utilities to support activities on the Plaza, including new gas, power, and telecommunication lines, and opening it up for more flexible use. The effect of these improvements would be enhanced safety for patrons traversing the Plaza at night, accessibility for the disabled across the Plaza, accessibility to Plaza amenities, and improved route of travel to the three performing arts venues.

Portions of the Plaza surface would be replaced to reduce glare, reduce water intrusion in the underground parking structure, and improve pedestrian enjoyment. The existing paving pattern and colors would be replicated and reinterpreted with a distinctly newer and more durable material. Possible materials include stone, terrazzo, metal, and glass.

Additional Garden Spaces

Donor placards currently hide existing garden areas on the Plaza. The donor placards and associated walls would be removed to enhance visibility of garden spaces. In addition, up to 7,000 square feet of additional garden areas would be created on the Plaza to break the concrete area into a more inviting public space. Periodic and seasonal changes to landscaping would be undertaken as appropriate to the season and to the life of the plant material.

Kiosks and Additional Service Amenities

In conjunction with proposed improvements, the existing Spotlight Café kiosk structure, bar and grill kiosks and valet/hospitality kiosk would be replaced by new structures of similar dimensions. The proposed project would also create up to two small new retail and/or food service opportunities at the Plaza level, one near each of the two escalator entrances. Movable carts for food and beverage service will be supported by new utility connections under the Plaza at six locations. Additional infrastructure facilities would be added to support outdoor performances on the Plaza. These new buildings would be unified by a common architectural vocabulary. The reconstructed and relocated kiosks have been designed in an architectural style that acknowledges their subsequent addition to the Plaza while

complementing the original architecture. Banners that are currently hung from the buildings are viewed as visual clutter and would be relocated to permanent banner poles.

Education Space

A new, approximately 8,000-square-foot two-story building would be constructed on the Grand Avenue side of the Music Center campus. This area is currently a chained-off turnout lane used for the storage of trash receptacles and service vehicles and contains a stairway to the Music Center Plaza. The two-story building would be accessible from both Grand Avenue and the Music Center Plaza. The Music Center seeks to better accommodate existing educational functions from diverse locations at the Music Center (Dorothy Chandler Pavilion, Mark Taper Forum, Ahmanson Theatre, and the Music Center Plaza). Such activities include pre-performance lectures, teacher training, storytelling, children's performances, and interactive learning. Associated amenities include a warming kitchen, public restrooms, and related storage. The public restrooms would be accessible during the hours of operation for the education space and during performances. A publicly accessible elevator would be included as a component of this structure. The building would have a glass finish compatible with the Ahmanson Theatre.

Alternate locations for the Education Space were also considered, including the terrace west of the Ahmanson Theatre, the Temple Street side of the Ahmanson Theatre, and the Music Center Plaza. None of these locations was considered suitable due to the lack of total available footprint, proportion of footprint, or visibility (as in the case of the Music Center Plaza). While the Music Center Plaza site could feasibly allow for a building of the scale and proportion, as well as credibly fulfill the Music Center's objectives, the location would have a stronger visual impact on the Music Center.

Relocation and Upgrade of Restroom Facilities

The temporary restroom facilities would be replaced with permanent facilities located immediately adjacent to the southeast of Hope Street near the Mark Taper Forum on the Plaza level. The new restroom facility would be accessible to the public during normal operating hours of the Music Center campus. The existing restroom facilities in the Mark Taper Forum and at Plaza level are inadequate to accommodate the normal seating capacity of the Mark Taper Forum. The Music Center has been utilizing temporary restroom facilities at the Plaza level to accommodate patrons.

Upgrade of Existing Temporary Storage Area

The existing temporary storage area located on the backstage side of the Ahmanson Theatre would be replaced with a permanent storage facility. This permanent storage facility would be 120 feet by 15 feet wide by 15 feet high and built in ribbed colored anodized aluminum panel, patterned to be similar to existing Ahmanson Theatre exit doors. As with the existing temporary storage space, this facility would support operations on the Plaza and augment existing limited storage of the Music Center.

Resurface of Mark Taper Forum Reflecting Pools

The two remaining reflecting pools surrounding the Mark Taper Forum would be refinished in a dark grey pattern with highlights, similar to the original color of the pools. Tile, lighting, or other treatments

may be added to the pools to improve their appearance. Additional water features, such as fountain jets, may also be added.

II.2 CONSTRUCTION SCENARIO

The largest component of construction activity in terms of both duration and required use of heavy equipment would be the Grand Avenue Realignment element of the project. In addition, the County has secured funding for this element of the project. It is anticipated that many of the County Mall Pedestrian Improvements would be constructed concurrently with the Grand Avenue Realignment. The Music Center is seeking funding for the Music Center Improvements; thus, construction of these improvements would be expected to follow the Grand Avenue realignment and County Mall Pedestrian Improvements. However, for the purpose of understanding a reasonable worst-case construction scenario, it was assumed that both projects would be undertaken concurrently. The anticipated overall duration would be approximately 10 to 12 months.

The stated construction scenario would accommodate the highest concentration of construction activity that would be feasibly accommodated by the County of Los Angeles and the City of Los Angeles.

In this scenario, the Grand Avenue realignment would be accomplished by constructing the roadway improvements northwest and southeast of the existing alignment of the Grand Avenue roadway and then improving the roadway sections between the completed improvements. The actual construction methods selected by the contractor would not substantially exceed the parameters of the evaluated construction scenario. However, the contractor would be allowed to define an approach to construction that would best accommodate the inherent constraints: allowable schedule, working hours, accommodating existing vehicle traffic, and maintaining access to adjacent parking structures.

II.2.1 Grand Avenue Realignment and County Mall Pedestrian Improvements

The construction phase of the Grand Avenue realignment project would be expected to last approximately eight months. For the purpose of this analysis, a construction start date of December 2002 or January 2003 and completion by August 2003 was used as the basis for analysis. Such a construction scenario would accommodate the official opening of the Walt Disney Concert Hall in October 2003.

There are a number of distinct construction activities that would be necessary to complete the Grand Avenue Realignment:

- Traffic control and protection of adjacent structures
- Site demolition and removal of existing landscape
- Landscape site grading and preparation
- Structural work, including the widening of the Grand Avenue Bridge, strengthening of pedestrian tunnels, new retaining walls, and filling in existing street grates
- Installation of new roadway and sidewalks/hardscape on both sides of the street, and reconfiguration of Parking Lot 22
- Installation of new street trees, lighting, landscaping, and traffic signals, landscape/hardscape adjacent to building entries, "pocket park/juror queuing area"

- Installation of new stairs from the County Mall to the street level and renovation of existing stairs at this location
- Installation of a new elevator and shaft from street level down to the County Mall
- Installation of a new pedestrian bridge over the circular driveways

In general, work on the Grand Avenue Realignment would occur on both sides of Grand Avenue simultaneously. Four lanes of the roadway would be open to traffic during construction except lane and street closures during off-peak hours. In the Temple to First Street block, pedestrian access would be routed up to the Music Center Plaza on the northwest side of Grand Avenue during construction. In the First to Second Street block, pedestrian traffic would flow through protective pedestrian walkways constructed behind the line of K-rail on the northwest side of the street. This walkway would need to be relocated frequently to accommodate the completion of the sidewalk beneath it and may move to the southeast side of the street as construction allows.

II.2.1.1 Traffic Control and Protection of Adjacent Structures

- Protective devices (K-rail and fencing) would be set up and periodically relocated between the open traffic lanes and the work areas. The sidewalk improvements on both sides of the open traffic lanes of the street would be under construction simultaneously. The current planning allows for a minimum of 48 feet (4 lanes) of roadway to be left in place during construction. Two northbound lanes and two southbound lanes would be open to traffic at all times during peak traffic hours during construction.
- During construction, vehicle traffic accessing the adjacent facilities within the construction area would need to be accommodated. The facilities requiring vehicle access include the circular driveway ramps to the County parking lot, County Parking Lot 22, the Music Center loading dock and driveways, and the Colburn School of Performing Arts. In addition, construction traffic for the Walt Disney Concert Hall would need to be accommodated. The parking garage entrances on both sides of Grand Avenue would be kept open during construction. These entrances would be protected by K-rail and fencing included in the overall traffic control plans. Flagmen would be present if the protective devices need to be moved to accommodate construction equipment between the work areas.
- Left-turn lanes would be available at the Temple Street, First Street, and Second Street intersections in both directions but would not be available at the mid-block parking garage entrances between Temple Street and First Street.
- Night-time and weekend lane and/or street closures would be necessary to accommodate the construction activities. These closures would occur during off-peak traffic daytime, night-time, and weekend hours. Traffic control signs would be used to redirect traffic during lane closures. Roadway and/or lane closures during night-time and weekend hours would likely be required to complete the installation of the new roadway (between the curb lines) from Temple Street to Second Street.
- Two 4-day closures, including a weekend (preferably holiday weekends and likely the weekends of Memorial Day [Friday through Monday] and July 4th [Thursday, July 3 through Sunday, July 6]) would be anticipated. The extended weekend closures would provide the required time to reconstruct the four middle traffic lanes. Extended

weekend closures would be used to partially offset the constraints on operating times that would result from performance schedules of the three venues of the Music Center campus. Construction activity to be restricted by noise/ground-borne vibration restrictions to be specified by acoustician during performances. Overnight construction activity (10:00 p.m. to 7:00 a.m.) would be restricted by noise restrictions in accordance with City of Los Angeles standards.

- Fencing and pedestrian protected walkways would be installed to protect pedestrians from the construction activity. Limited access to building entrances on Grand Avenue would be provided. The contractor would be required to maintain emergency egress from Mall and Music Center buildings at all times. The mid-block tunnel under Grand Avenue would be used to access the County Mall from the Music Center. ADA access to the Music Center and the County Mall would be available via the elevator in the Music Center parking garage.
- During construction of the roadway, the construction contractor would be required to post signs at key locations to encourage motorists to use alternate routes to the southern portion of downtown Los Angeles. The heaviest southbound traffic would be coming from either the northbound lanes of the Hollywood Freeway or south on Grand Avenue from Cesar Chavez Avenue. The construction area sign plans for the project would include signs on the northbound lanes of Hollywood Freeway advising motorists to exit on Spring Street for access to the downtown area. Placement of signs along lanes of the Hollywood Freeway would require an encroachment permit and approval by Caltrans. Signs would be placed on Cesar Chavez Avenue advising motorists to use Figueroa Street or North Broadway. In addition, on southbound Grand Avenue north of Temple Street, signs would be placed advising motorists to divert west to Hope Street or east to Hill Street, except for local traffic. Signs would be placed on northbound Grand Avenue, south of Fifth Street advising motorists to use Fifth Street, except for local traffic.
- This activity would require approximately 90 truck trips (three per day for 30 days) for transporting fencing and protection materials to the site and removing them at the end of the project. Construction-related truck trips on state highways would be limited to off-peak commute periods to the maximum extent practicable. The transport of oversize or overweight vehicles on State Highways shall be subject to a Transportation Permit from Caltrans.

II.2.1.2 Site Demolition and Existing Landscape Removal

- The roadway base, roadway pavement, sidewalks, plant material, and planters would be removed to accommodate the realignment. The majority of this work would occur during the first four to six weeks of construction. (The base and pavement in the lanes of roadway left open to traffic during demolition would be removed systematically later in the schedule.)
- An estimated 510 (20 trips per day for 25 days) truck trips would be required to remove approximately 10,200 cubic yards of demolished material. Staging and loading of these trucks would be contained within the construction limits of the project on both sides of Grand Avenue.

II.2.1.3 Landscape Site Grading and Preparation

- Limited amounts of fill materials would be required at the new landscape areas on both sides of Grand Avenue. It is assumed that these materials would need to be brought to the site.
- Approximately 20 truck trips (1 per day for 20 days) would be necessary during this process to bring the new fill material needed for the landscape areas.

II.2.1.4 Structural Work Including the Widening of the Grand Avenue Bridge and New Retaining Walls and Tunnels

- Structural work for the Grand Avenue Realignment includes up to 12 feet of widening of the Grand Avenue bridge between First and Second Streets on the east side of the road. Additional structural work would include adapting the garage entrances to the new roadway elevations and building retaining walls as necessary to support the roadway. Men and equipment would access this work from within the site access controls provided. Removal or infill of the Grand Avenue Bridge street grates would require street closures.
- This structural work would be anticipated to take 13 weeks to complete. Approximately 130 truck trips (2 per day for 65 days) would be required to bring materials and equipment to the site.

II.2.1.5 Installation of New Roadway and Sidewalks/Hardscape and Parking Lot 22

- Approximately 7,900 cubic yards of aggregate base would be required to support the sidewalks, roadways, and the reconfiguration of Lot 22. This would require approximately 790 truck trips to bring base material to the site.
- Approximately 6,100 cubic yards of concrete and pavement material would be installed in the sidewalks and roadways in this project. This would require approximately 610 truck trips to bring concrete to the site.

II.2.1.6 Installation of New Street Trees, Lighting, Landscaping, and Traffic Signals, Landscape/Hardscape Adjacent to Building Entries, "Pocket Park/Juror Queuing Area"

- Installation of these items would require approximately 60 truck trips (two per day for 30 days) to the site to deliver and install materials.

II.2.1.7 Installation of New Stairs from the County Mall to the Street Level and Renovation of Existing Stairs at This Location

- A fence line would be set up to contain the work area. Pedestrian access from the County Mall to the Music Center would be directed through the existing pedestrian tunnels. The stairs would be closed during this process. Installation of the new stairs and repair/redirection of the existing stairs would require approximately 50 truck trips (two per day for 25 days) to deliver and remove materials.

II.2.1.8 *Installation of a New Elevator and Shaft from Street Level Down to the County Mall*

- The new elevator would require the removal of an existing public bathroom and the demolition of the slab above (and below) it to create the elevator shaft.
- Installation of the elevator would require approximately 30 truck trips (1 per day for 30 days) to the site to deliver and remove materials.

II.2.1.9 *Installation of a New Pedestrian Bridge over the Circular Driveways*

- The new pedestrian bridge would be built directly over the median separating the two driveway tunnels to the County parking garage. This work would require the removal of some structural concrete and the installation of the new steel and concrete bridge above.
- Installation of the pedestrian bridge would require approximately 20 truck trips (1 per day for 20 days) to deliver and remove materials.

It is currently anticipated that between 25 and 100 construction workers would be on site at any one time during the construction of the Grand Avenue Realignment and County Mall Pedestrian Improvements. The highest concentration of workers would be on site during the demolition activities of the project.

Trucks removing demolition debris and bringing new materials to the site would access the site at the northeast and southwest entrances of the construction area(s) near Temple and First Streets. Haul routes for the trucks would be set to direct trucks to the Hollywood Freeway, which is approximately two city blocks from all points of the project. Table II.2-1, *Anticipated Truck Trips for the Grand Avenue Realignment and County Mall Pedestrian Improvements*, summarizes the anticipated number of truck trips during construction.

**TABLE II.2-1
ANTICIPATED TRUCK TRIPS FOR THE
GRAND AVENUE REALIGNMENT AND
COUNTY MALL PEDESTRIAN IMPROVEMENTS**

Activity	Material	Quantity	Truck Trips	Days	Trips / Day
Traffic Control	Fencing/K-rail	90 loads	90	30	3
Site Demolition	Demolished items	10,200 cy	510*	25	20
Landscape, Grading, site prep.	Landscape fill, soil	20 loads	20	20	1
Structural	Steel, concrete	130 loads	130	65	2
Paving, Sidewalks	Concrete, asphalt, aggregate base	14,000 cy	1,400**	50	28
Trees, Lights, etc.	Landscape, lights	60 loads	60	30	2
County Stairs	Stairs, concrete.	50 loads	50	25	2
County Elevator	Bldg. Matls., elev.	30 loads	30	30	1
County Bridge	Steel, concrete	20 loads	20	20	1
Pedestrian	Total Truck Trips		2,310		
* Demolished material to be removed using double loading 20 cy capacity trucks					
** Concrete, paving material to be brought to site using 10 cy capacity concrete trucks					

The County of Los Angeles Department of Public Works' typical heavy equipment that will be expected to be required to complete the Grand Avenue Realignment and County Mall Pedestrian Improvements are listed in Table II.2-2, *Anticipated Construction Equipment for Grand Avenue Realignment and County Mall Pedestrian Improvements*.

**TABLE II.2-2
ANTICIPATED CONSTRUCTION EQUIPMENT FOR
GRAND AVENUE REALIGNMENT AND COUNTY MALL PEDESTRIAN
IMPROVEMENTS**

Quantity (approximate)	Type	Number of Days On Site
2	Hydraulic Excavator	60 days
2	Water Truck	90 days
2	Grader	30 days
2	Asphalt Paver	20 days
3	Roller	45 days
3	Rubber Tire Loader	60 days

**TABLE II.2-1
ANTICIPATED TRUCK TRIPS FOR THE
GRAND AVENUE REALIGNMENT AND
COUNTY MALL PEDESTRIAN IMPROVEMENTS**

Activity	Material	Quantity	Truck Trips	Days	Trips / Day
Traffic Control	Fencing/K-rail	90 loads	90	30	3
Site Demolition	Demolished items	10,200 cy	510*	25	20
Landscape, Grading, site prep.	Landscape fill, soil	20 loads	20	20	1
Structural	Steel, concrete	130 loads	130	65	2
Paving, Sidewalks	Concrete, asphalt, aggregate base	14,000 cy	1,400**	50	28
Trees, Lights, etc.	Landscape, lights	60 loads	60	30	2
County Stairs	Stairs, concrete.	50 loads	50	25	2
County Elevator	Bldg. Matls., elev.	30 loads	30	30	1
County Bridge	Steel, concrete	20 loads	20	20	1
Pedestrian	Total Truck Trips		2,310		
* Demolished material to be removed using double loading 20 cy capacity trucks					
** Concrete, paving material to be brought to site using 10 cy capacity concrete trucks					

The County of Los Angeles Department of Public Works' typical heavy equipment that will be expected to be required to complete the Grand Avenue Realignment and County Mall Pedestrian Improvements are listed in Table II.2-2, *Anticipated Construction Equipment for Grand Avenue Realignment and County Mall Pedestrian Improvements*.

**TABLE II.2-2
ANTICIPATED CONSTRUCTION EQUIPMENT FOR
GRAND AVENUE REALIGNMENT AND COUNTY MALL PEDESTRIAN
IMPROVEMENTS**

Quantity (approximate)	Type	Number of Days On Site
2	Hydraulic Excavator	60 days
2	Water Truck	90 days
2	Grader	30 days
2	Asphalt Paver	20 days
3	Roller	45 days
3	Rubber Tire Loader	60 days

II.2.1.8 *Installation of a New Elevator and Shaft from Street Level Down to the County Mall*

- The new elevator would require the removal of an existing public bathroom and the demolition of the slab above (and below) it to create the elevator shaft.
- Installation of the elevator would require approximately 30 truck trips (1 per day for 30 days) to the site to deliver and remove materials.

II.2.1.9 *Installation of a New Pedestrian Bridge over the Circular Driveways*

- The new pedestrian bridge would be built directly over the median separating the two driveway tunnels to the County parking garage. This work would require the removal of some structural concrete and the installation of the new steel and concrete bridge above.
- Installation of the pedestrian bridge would require approximately 20 truck trips (1 per day for 20 days) to deliver and remove materials.

It is currently anticipated that between 25 and 100 construction workers would be on site at any one time during the construction of the Grand Avenue Realignment and County Mall Pedestrian Improvements. The highest concentration of workers would be on site during the demolition activities of the project.

Trucks removing demolition debris and bringing new materials to the site would access the site at the northeast and southwest entrances of the construction area(s) near Temple and First Streets. Haul routes for the trucks would be set to direct trucks to the Hollywood Freeway, which is approximately two city blocks from all points of the project. Table II.2-1, *Anticipated Truck Trips for the Grand Avenue Realignment and County Mall Pedestrian Improvements*, summarizes the anticipated number of truck trips during construction.

Note that additional equipment anticipated to be on site includes pick-up trucks (to bring people and supplies), dump trucks (to bring and remove materials), concrete mix trucks (to bring concrete and paving materials to the site), and flatbed/cargo delivery trucks (to bring other materials to and from the site). These pieces of equipment are included in the truck trip counts in Tables II.2-2.

II.2.2 Music Center Improvements

Construction of the Music Center campus project would be expected to last approximately 12 months if constructed in one phase. The Music Center campus project would potentially begin construction as early as September 2002. This project would not be constrained by the opening of the Walt Disney Concert Hall in October 2003. For the purposes of this study, the construction scenario recognizes a reasonable worst-case scenario by accounting for concurrent construction on Grand Avenue and at the Music Center.

Starting with construction at the Music Center, improvements would be completely contained within the Music Center campus. The Music Center identified a proposed construction scenario in light of the possibility of concurrent construction with the Grand Avenue Realignment. Actual construction sequencing of the activities would be contingent on available funds to implement the proposed improvements:

- Remodeling of the Grand Avenue stair from street level to the Music Center Plaza level
 - Installation of a new loading dock retaining wall screen and operable gate
 - Raising the level of the depressed levels of the Music Center Plaza flush with the fountain and pedestrian entrances and add new donor recognition walls
 - Relandscape and create new park areas on the east edge of the Music Center Plaza
 - Installation of new permanent kiosks on the Music Center Plaza for pedestrian amenities
 - Replace temporary restroom facilities with new to the northwest of the Mark Taper Forum
 - Upgrade the Mark Taper Forum reflecting pools with new tiling and water features
 - Replacement of storage facilities on the Music Center Plaza level
 - Installation of a new Education Pavilion in the vehicular turnout area off Grand Avenue
 - Relandscape the perimeter sidewalk landscape areas at Temple, Hope, and First Streets
-
- A fence line would be set up to contain the work area(s) as necessary. During construction of the stairway, pedestrian access from the County Mall to the Music Center would be directed through the existing pedestrian tunnels and around the main stair to the auxiliary side stairs. The main Grand Avenue stairway would be closed during installation of the new stairway.
 - Site access material deliveries on this portion of the work would primarily be from the Hope Street side of the Music Center Plaza with the exception of the Grand Avenue stair remodel. The Music Center construction would be required to submit a schedule of deliveries that requires access from Grand Avenue to the City of Los Angeles Department of Transportation for approval. Staging for materials for this work would primarily occur within the fence line of the work at the Plaza.
 - Access to the performance venues at the Music Center would be required to be maintained at all times during construction. Pedestrian protected walkways and site

fencing would be installed on the Plaza during construction to direct pedestrian flow as needed. Temporary signs would direct patrons of the Music Center from the drop-off point on Hope Street or from the parking garages to the venues as required to accommodate construction.

- Table II.2-3, *Anticipated Truck Trips for the Music Center Improvements* describes estimated number of truck trips that would be required to complete the work on the Music Center campus.

**TABLE II.2-3
ANTICIPATED TRUCK TRIPS FOR THE MUSIC CENTER IMPROVEMENTS**

Activity	Material	Quantity	Truck Trips	Days	Trips / Day
Grand Avenue stairway	Stone, precast, etc.	100 loads	100	20	5
Loading Dock	Concrete, steel, brass, etc.	20 loads	20	20	1
Raise MC Plaza	Stone, steel, glass, precast waterproof, etc.	300 loads	300	150	2
MC Plaza landscape	Fill, landscape	50 loads	50	50	1
MC Plaza kiosks	Precast, glass, steel, etc.	50 loads	50	50	1
MC Plaza restrooms	Precast, glass, steel, etc.	20 loads	20	20	1
MC Plaza pools	Tile, waterproof, etc.	10 loads	10	10	1
MC Plaza storage	Precast, steel, etc.	50 loads	50	50	1
MC Education Pavilion	Precast, steel, etc.	100 loads	200	100	2
Perimeter street landscape	Landscape materials	30 loads	30	30	1
Total Truck Trips			830		

A total of between 25 and 75 construction workers are anticipated to be on site at any one time during construction of the Music Center Improvements. The highest concentration of workers would be present during the construction of the Grand Avenue staircase, the raising of the Music Center Plaza, and the construction of the new education space.

The Music Center Improvements would be anticipated to create less traffic to the site than the Grand Avenue Realignment. The overall intensity of construction would be lower than that required for the

Grand Avenue Realignment. Less heavy equipment would be required to construct the Music Center Improvements project elements than the Grand Avenue Realignment. Carpooling would be encouraged.

The mitigation monitoring program (MMP) contained herein satisfies the requirements of CEQA as they relate to the EIR for the Grand Avenue and Environs Project. A Draft EIR dated May 28, 2002 (with subsequent revisions and recirculation on June 18, 2002) was circulated for a 45-day public review and comment period. Letters of comment were received from eight agencies or organizations on the Draft EIR.

The Draft EIR identifies mitigation measures that have been incorporated into the project to avoid, reduce, and mitigate significant impacts to aesthetics, biological resources, geology and soils, hazards and hazardous materials, hydrology and water quality, public services, and utilities and service systems. Impacts to air quality, cultural resources, noise, and transportation and traffic would remain significant after mitigation. Depending on the specifications of each mitigation measure, the measures listed herein are to be implemented prior to the initiation of and during all phases of project implementation. This MMP will be adopted by the County of Los Angeles Board of Supervisors. This program has been designed to ensure compliance with mitigation measures for the EIR-approved project during its implementation.

SECTION III

MONITORING PROGRAM

The mitigation monitoring program (MMP) contained herein satisfies the requirements of the California Environmental Quality Act (CEQA) as they relate to the Environmental Impact Report (EIR) for the project. The EIR, dated May 28, 2002, (with subsequent revisions and recirculation on June 18, 2002) was circulated for a 45-day public review and comment period.

The EIR identifies mitigation measures that have been incorporated into the project to avoid, reduce, and mitigate significant impacts to aesthetics, air quality, biological resources, cultural resources, geology and soils, hazards and hazardous materials, hydrology and water quality, noise, public services, transportation and traffic, and utilities and service systems. This MMP has been designed to ensure compliance with mitigation measures defined in the EIR during implementation of the project. This MMP would be adopted by the County of Los Angeles Board of Supervisors. The following Table III-1, *Mitigation Monitoring Plan Grand Avenue and Environs Project*, lists those mitigation measures required by the County of Los Angeles to mitigate or avoid significant impacts anticipated in association with the EIR project description. It shall be the responsibility of the County and the Music Center to carry out the MMP by imposing the requirements of the mitigation measures throughout the implementation of the *Grand Avenue and Environs Project*.

The Monitoring Program element of the MMP describes each required mitigation measure, organized by impact area, with an accompanying delineation of

- The agency or agencies (or private parties) responsible for implementation
- The period of the project during which implementation of the mitigation measure is to be monitored
- The Enforcement Agency (the agency with the power to enforce the mitigation measure)
- The Monitoring Agency (the agency to whom the reports are made)

As indicated mitigation measures are completed, the Monitoring Agency will sign and date the MMP, indicating that the required mitigation measure has been completed for the subject period. The Monitoring Agency will also note the documentation (title of the monitoring report) that was submitted for each mitigation measure.

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT

MITIGATION MEASURE		RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
						SOURCE	SIGNATURE/DATE
AESTHETICS							
Measure Aesthetic-1		County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
The potential increase in the amount of light and glare shall be reduced below the threshold for significance by mandating the design type of the light fixtures, light standard height, and light fixture and standard orientation. Prior to completion of final plans and specifications, the County of Los Angeles Department of Public Works shall review the plans and specifications to ensure that all light fixtures shall use glare-control visors, arc tube suppression caps, and shall utilize a photometric design that maintains 70 percent of the light intensity in the lower half of the light beam, or comparable design or technology to achieve those criteria. Completion of this measure shall be enforced by the County of Los Angeles Department of Public Works and monitored by the County of Los Angeles Chief Administrative Office.							
AIR QUALITY							
Measure Air-1		County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency) (Music Center Improvements Signature/Date of Monitoring Agency)
		Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Weekly Monitoring Reports (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency) (Music Center Improvements Signature/Date of Monitoring Agency)
Measure Air-2		County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	Los Angeles County Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency) (Music Center Improvements Signature/Date of Monitoring Agency)
		Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Weekly Monitoring Reports (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency) (Music Center Improvements Signature/Date of Monitoring Agency)
Prior to advertising for construction bids for the Grand Avenue Realignment, County Mail Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to ensure that all surfaces undergoing active grading and all other exposed surfaces be watered at least twice a day under calm conditions. Surfaces shall be watered as often as needed on days which are windy (when wind speed is more than 25 miles per hour) or during very dry weather in order to maintain a surface crust and prevent the release of visible emissions from the construction site. The construction contractor shall demonstrate compliance with this measure through the submittal of weekly monitoring reports to the County of Los Angeles Department of Public Works.							

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
Measure Air-3 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mall Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to ensure that any area that will be exposed for extended periods will be treated with a soil conditioner to stabilize soil or will be temporarily planted with vegetation. The construction contractor shall demonstrate compliance with this measure through the submittal of weekly monitoring reports to the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mall Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
						(Roadway Realignment/County Mall Signature/Date of Monitoring Agency)
Measure Air-4 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mall Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to ensure that chemical stabilizers are applied within five working days of ceasing grading, or water or dust suppressants are applied in sufficient quantity to maintain a stabilized surface. The construction contractor shall demonstrate compliance with this measure through the submittal of weekly monitoring reports to the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mall Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
						(Roadway Realignment/County Mall Signature/Date of Monitoring Agency)
Measure Air-5 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mall Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to ensure that mud-covered tires and under-carriages of trucks are washed prior to leaving construction sites. The construction contractor shall demonstrate compliance with this measure through the submittal of weekly monitoring reports to the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mall Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
						(Roadway Realignment/County Mall Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
Measure Air-6 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mail Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to provide for street sweeping, as needed, on adjacent roadways to remove dirt dropped by construction vehicles or mud which would otherwise be carried off by trucks departing project sites. The construction contractor shall demonstrate compliance with this measure through the submittal of weekly monitoring reports to the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
Measure Air-7 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mail Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to ensure that loads of dirt are securely covered with a tight fitting tarp on any truck leaving or entering the construction sites to bring fill dirt to the site or to dispose of excavated soil. The construction contractor shall demonstrate compliance with this measure through the submittal of weekly monitoring reports to the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
Measure Air-8 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mail Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to ensure that grading is ceased during periods when winds exceed 25 miles per hour. The construction contractor shall demonstrate compliance with this measure through the submittal of weekly monitoring reports to the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)

**TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued**

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
Measure Air-9 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mail Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to provide for permanent sealing of all graded areas at the earliest practicable time after soil disturbance. The construction contractor shall demonstrate compliance with this measure through the submittal of weekly monitoring reports to the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
						(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
Measure Air-10 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mail Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include the requirement for the construction contractor to ensure that construction equipment is maintained in peak operating condition so as to reduce operation emissions. Specifications shall require the construction contractor to certify monthly to the County of Los Angeles Department of Public Works that construction equipment is being maintained in peak operating condition.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
					Monthly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
						(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
Measure Air-11 Prior to advertising for construction bids for the Grand Avenue Realignment, County Mail Pedestrian Improvements, and Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications require the construction contractor to shut off engines when not in use.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)
					Weekly Monitoring Reports (Title of Monitoring Report)	(Music Center Improvements Signature/Date of Monitoring Agency)
						(Roadway Realignment/County Mail Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
BIOLOGICAL RESOURCES						
Measure Biota-1 Prior to the completion of final plans and specifications for the Grand Avenue Realignment element of the project, the County of Los Angeles Department of Public Works shall review the final plans and specifications to ensure that the contractor is apprized of the requirements of the Migratory Bird Treaty Act and encouraged to remove the Mature Trees outside of the breeding season. Pursuant to the Migratory Bird Treaty Act, construction efforts should be scheduled outside of the bird breeding season (March 15-September 1). If construction is scheduled to take place during bird breeding season (March 15 - September 1), the County of Los Angeles, or its designee, shall direct a qualified biologist to complete weekly bird surveys to detect any potentially nesting songbirds or raptors in the landscape trees scheduled for removal and any other similar habitat within 300 feet of the construction area (within 500 feet for raptors). Should songbirds or raptors be observed nesting within trees scheduled for removal or within 300 feet of the construction area, construction shall be suspended within 300 feet of the tree containing the nesting songbird or raptor until such time as a qualified biologist determines if construction activities are interfering with nesting activities. If construction activities are determined to not interfere with nesting activities, construction may continue with a biological monitor present. Should a tree scheduled for removal be determined to contain an active nest, removal of that tree shall be delayed until the nest is determined to be inactive or a permit is granted by the USFWS for take pursuant to the Migratory Bird Treaty Act.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	County of Los Angeles Department of Public Works	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Weekly Monitoring Report (after March 15, 2003) (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Biota-2 Prior to the completion of final plans and specifications for the Grand Avenue Realignment element of the project, the County of Los Angeles Department of Public Works shall review the plans and specifications to ensure that the specifications for replaced trees are approved by the County of Los Angeles for the Grand Avenue and Environs project. At a minimum, replacement of all existing mature trees located northwest and southeast of Grand Avenue shall be completed, at a ratio of not less than 1:1, within 12 months of tree removal.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
CULTURAL RESOURCES Measure Cultural-1 The County shall ensure that impacts to the potential eligibility of the Music Center for listing in the National Register of Historic Places or the California Register of Historical Resources is reduced to the maximum extent practicable through the documentation of the Grand Avenue staircase, the portion of the podium that is finished with polished charcoal gray granite veneer in the vicinity of the proposed renovation of the lower level restaurant and the proposed education space, and the recessed area of the Music Center Plaza. Prior to the initiation of any project-related demolition or construction work on the Music Center property, the County of Los Angeles Chief Administrative Office shall ensure the preparation of a Historic American Buildings Survey (HABS) documentation for the Grand Avenue staircase and the podium contributing elements of the Music Center. Documentation shall be in accordance with the applicable standards described in the Secretary of Interior's Standards for Architectural and Engineering Documentation. The ultimate product of this documentation shall be a written historical report accompanying a set of measured drawings and photographs. The original historical report shall be deposited at the Music Center Archive. A copy of the historical report shall be provided to the central branch of the City of Los Angeles Public Library, the main branch of the County of Los Angeles Library, the University of California at Los Angeles, Department of Architecture and Urban Planning Library, and the National Park Service for transmittal to the Library of Congress. Completion of this measure shall be monitored and enforced by the County of Los Angeles Chief Administrative Office.	Music Center	Pre-Construction	County of Los Angeles Chief Administrative Office	County of Los Angeles Chief Administrative Office	Historic American Buildings Survey Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	Music Center	Pre-Construction	County of Los Angeles Chief Administrative Office	County of Los Angeles Chief Administrative Office	Interpretive Program (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Cultural-2 The County shall ensure that impacts to the potential eligibility of the Music Center for listing in the National Register of Historic Places or the California Register of Historical Resources are reduced to the maximum extent practicable through the requirement to establish an interpretative program that makes the history of the development of the Music Center and the support provided by Dorothy Chandler readily accessible to the public. Prior to the initiation of any project-related demolition or construction work on the Music Center property, the County of Los Angeles Chief Administrative Office shall ensure an on-site interpretive program, display, or other photographic and text representation shall be created to educate the Music Center's visitors and staff about the history of the complex. It is anticipated that the interpretative program shall consist of a published brochure that shall be available at the information center kiosk on the Music Center Plaza. In addition, or alternatively, the interpretative program could be integrated into the guided tours that are currently provided at the Music Center or made available through the Music Center's website. Completion of this measure shall be monitored and enforced by the County of Los Angeles Chief Administrative Office.	County of Los Angeles Department of Public Works Music Center Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report) Inspection Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency) (Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
<p>Measure Cultural-4</p> <p>The County of Los Angeles Department of Public Works shall ensure that impacts to undiscovered archeological resources and human remains from grading required to complete footings, if necessary, for the elevated section of Grand Avenue are reduced to the maximum extent practicable through the requirement to have a qualified archeologist supervise grading in native soils. This measure shall only be required if footings are determined to be required and would require grading in native soils. Prior to final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that the project specifications require the Construction Contractor to notify the Department of Public Works of the need to grade in native soils seven days in advance of such work efforts being undertaken so that a qualified archeologist may be present during grading activities within native soils. The archeologist shall be authorized to halt construction, if necessary, in the immediate area where buried cultural remains are encountered. Prior to the resumption of grading activities in the immediate vicinity of the cultural remains, the County of Los Angeles Department of Public Works shall provide the archeologist with the necessary resources to identify and implement a program for appropriate disposition (as specified by Section 15064.5 (e) of the State CEQA Guidelines).</p> <p>Completion of this measure shall be enforced by the County of Los Angeles Department of Public Works and monitored by the County of Los Angeles Chief Administrative Office.</p> <p>Implementation of the on-site monitoring and recovery of archeological resources shall be enforced and monitored by LACDPW.</p>	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
<p>Measure Cultural-5</p> <p>The County shall ensure that impacts to undiscovered archeological resources and human remains from grading required to complete footings and foundation work for the education space are reduced to the maximum extent practicable through the requirement to have a qualified archeologist supervise grading in native soils. This measure shall only be required if the footings and foundations are determined to require grading in native soils. Prior to final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that the project specifications require a qualified archeologist be present during grading activities within native soils. The archeologist shall be authorized to halt construction, if necessary, in the immediate area where buried cultural remains are encountered. Prior to the resumption of grading activities in the immediate vicinity of the cultural remains, the County of Los Angeles Department of Public Works shall provide the archeologist with the necessary resources to identify and implement a program for appropriate disposition (as specified by Section 15064.5 (e) of the State CEQA Guidelines).</p> <p>Completion of this measure shall be monitored and enforced by the County of Los Angeles Department of Public Works.</p> <p>Implementation of the on-site monitoring and recovery of archeological resources shall be enforced and monitored by LACDPW.</p>	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	Music Center Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Report (if grading in native soils is required) (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
<p>Measure Cultural-6</p> <p>The County of Los Angeles Department of Public Works shall ensure that impacts to human remains from grading required to complete footings for the elevated section of Grand Avenue are reduced to the maximum extent practicable through the requirement for a Pre-Construction briefing related to the required process for handling the unanticipated discovery of human remains. This measure shall only be required if the footings and foundations are determined to be required and will require grading in native soils. Prior to final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that the project specifications require that a Pre-Construction briefing be undertaken to notify the construction foreman and all personnel involved in grading activities of the requirement to notify the coroner of the County within 24 hours of the discovery of human remains. Upon discovery of human remains, there shall be no further excavation or disturbance of the site or any nearby or reasonably nearby area reasonably suspected to overlie adjacent human remains until the following conditions are met:</p> <ul style="list-style-type: none"> • The coroner of the County in which the remains are discovered has been informed and has determined that no investigation of the cause of death is required, and • If the remains are of Native American origin, the descendants from the deceased Native Americans have made a recommendation to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98. <p>Completion of this measure shall be enforced by the County of Los Angeles Department of Public Works and monitored by the County of Los Angeles Chief Administrative Officer.</p> <p>Implementation of the on-site monitoring and recovery of human remains shall be enforced and monitored by LACDPW.</p>	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Report (if grading in native soils is required) (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE SOURCE	SIGNATURE/DATE
<p>Measure Cultural-7</p> <p>The County shall ensure that impacts to human remains from grading required to complete footings for the education space are reduced to the maximum extent practicable through the requirement for a Pre-Construction briefing related to the required process for handling the unanticipated discovery of human remains. This measure shall only be required if the footings and foundations are determined to require grading in native soils. Prior to final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that the project specifications require that a Pre-Construction briefing be undertaken to notify the construction foreman and all personnel involved in grading activities of the requirement to notify the coroner of the County within 24 hours of the discovery of human remains. Upon discovery of human remains, there shall be no further excavation or disturbance of the site or any nearby or reasonably nearby area reasonably suspected to overlie adjacent human remains until the following conditions are met:</p> <ul style="list-style-type: none"> • The coroner of the County in which the remains are discovered has been informed and has determined that no investigation of the cause of death is required, and • If the remains are of Native American origin, the descendants from the deceased Native Americans have made a recommendation to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98. <p>Completion of this measure shall be monitored and enforced by the County of Los Angeles Department of Public Works.</p> <p>Implementation of the on-site monitoring and recovery of human remains shall be enforced and monitored by LACDPW.</p>	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Construction Briefing (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
<p>Measure Cultural-8</p> <p>The County of Los Angeles Department of Public Works shall ensure that impacts to paleontological resources from grading required to complete footings for the elevated section of Grand Avenue are reduced to the maximum extent practicable through the requirement to have a qualified paleontologist supervise grading in bedrock. This measure shall only be required if the footings and foundation are determined to require grading in bedrock. Bedrock is herein defined as either the Pliocene or late Miocene marine consolidated sediments that may be encountered during excavation of surficial sediments. Administrative Office. Prior to final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that the project specifications require the Construction Contractor notify the LACDPW of the need to grade in bedrock seven calendar days in advance of such work efforts being undertaken so that a qualified paleontologist can be present during grading within bedrock. The qualified vertebrate paleontologist must conduct a field assessment to determine if fossil resources are exposed on the surface within the parcel.</p> <p>Where the qualified vertebrate paleontologist identifies the potential for the grading plan to result in impacts on sediments with high potential to contain significant non-renewable paleontological resources, a program for recovery of the resources will be designed and implemented. This program must include but not necessarily be limited to the following:</p> <ul style="list-style-type: none"> Monitoring of excavation in areas likely to contain paleontologic resources by a qualified vertebrate paleontologist monitor. The monitor should be equipped to salvage fossils as they are unearthed to avoid construction delays and to remove samples of sediments that are likely to contain the remains of small fossil vertebrates. Preparation of recovered specimens to a point of identification, including washing of sediments to recover small fossil vertebrates. Due to the fine-grained nature of these types of bedrock, it is noted that on-site washing of sediments may not be able to recover the appropriate small vertebrate fossil remains. Where field efforts to recover these resources prove infeasible, recovered bedrock samples shall be submitted to a commercial laboratory for processing for marine fossils. Identification and curation of specimens into a museum repository with retrievable storage. Preparation of a report of findings with an appended, itemized inventory of the specimens. The report and inventory, when submitted to the appropriate lead agency, signifies the completion of the program to mitigate impacts to paleontologic resources. <p>Completion of this measure shall be enforced by the County of Los Angeles Department of Public Works and monitored by the County of Los Angeles Chief Administrative Office.</p> <p>Implementation of the on-site monitoring and recovery of paleontological resources shall be enforced and monitored by LACDPW.</p>	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	County of Los Angeles Department of Public Works	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Paleontological Resources Monitoring (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
<p>Measure Cultural-9</p> <p>The County shall ensure that impacts to paleontological resources from grading required to complete footings for the education space are reduced to the maximum extent practicable through the requirement to have a qualified paleontologist supervise grading in bedrock. This measure shall only be required if the footings and foundation are determined to require grading in bedrock. Bedrock is herein defined as either the Pliocene or late Miocene marine consolidated sediments that may be encountered during excavation of surficial sediments. Administrative Office. Prior to final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that the project specifications require a qualified paleontologist to be present during grading activities within bedrock. The qualified vertebrate paleontologist must conduct a field assessment to determine if fossil resources are exposed on the surface within the parcel.</p> <p>Where the qualified vertebrate paleontologist identifies the potential for the grading plan to result in impacts on sediments with high potential to contain significant non-renewable paleontological resources, a program for recovery of the resources will be designed and implemented. This program must include but not necessarily limited to the following:</p> <ul style="list-style-type: none"> Monitoring of excavation in areas likely to contain paleontologic resources by a qualified vertebrate paleontologic monitor. The monitor should be equipped to salvage fossils as they are unearthed to avoid construction delays and to remove samples of sediments that are likely to contain the remains of small fossil vertebrates. Preparation of recovered specimens to a point of identification, including washing of sediments to recover small fossil vertebrates. Due to the fine-grained nature of these types of bedrock, it is noted that on-site washing of sediments may not be able to recover the appropriate small vertebrate fossil remains. Where field efforts to recover these resources prove infeasible, recovered bedrock samples shall be submitted to a commercial laboratory for processing for marine fossils. Identification and curation of specimens into a museum repository with retrievable storage. Preparation of a report of findings with an appended, itemized inventory of the specimens. The report and inventory, when submitted to the appropriate lead agency, signifies the completion of the program to mitigate impacts to paleontologic resources. <p>Completion of this measure will be monitored and enforced by the County of Los Angeles Department of Public Works.</p> <p>Implementation of the on-site monitoring and recovery of paleontological resources shall be enforced and monitored by LACDPW.</p>	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	County of Los Angeles Department of Public Works	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Paleontological Resources Monitoring (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
GEOLOGY AND SOILS Measure Geology-1 Exposure of people or property to potentially adverse effects, including the risk of loss or injury, involving seismic groundshaking, from the realignment of the Grand Avenue roadway (exclusive of the bridge) and sidewalks, shall be minimized through conformance with all applicable County and City codes and regulations related to seismic activity. Specific mitigation measures are not specified for the seismic retrofit of the Grand Avenue bridge section of the Grand Avenue Realignment Project. The seismic deficiency is an existing condition that is being resolved pursuant to an agreement between the City of Los Angeles and the County of Los Angeles. The County of Los Angeles Department of Public Works and the City of Los Angeles Bureau of Engineering shall undertake a concurrent review of the plans and specifications to ensure that the roadway specifications are in compliance with all applicable City codes and regulations related to seismic safety.	County of Los Angeles Department of Public Works, City of Los Angeles Bureau of Engineering	Pre-Construction	County of Los Angeles Department of Public Works City of Los Angeles Bureau of Engineering	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
					Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Geology-2 The County of Los Angeles Department of Public Works and the City of Los Angeles Bureau of Engineering shall require that all recommendations provided in the Grand Avenue Realignment Between First and Second Street Phase I Downtown Los Angeles, California report prepared by the County of Los Angeles Department of Public Works, Geotechnical and Materials Engineering Division in 2002, or comparable measures, be incorporated into the plans and specifications to minimize the potential for risk of loss or injury from geologic hazards related to unstable bedding planes and seepages. During the design and construction phase for the Grand Avenue roadway alignment and associated sidewalk, all recommendations, or comparable measures, related to prevention of hazards from landslides, settlement, or slippage provided in the Grand Avenue Realignment Between First and Second Street Phase I Downtown Los Angeles, California shall be implemented. Compliance with this measure shall be monitored by the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works, City of Los Angeles Bureau of Engineering Construction Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office County of Los Angeles Department of Public Works	Inspection Report (Title of Monitoring Report)	(Signature/Date of Inspector)
					Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Geology-3 The County of Los Angeles Department of Public Works and the City of Los Angeles Bureau of Engineering shall require that all recommendations provided in the Grand Avenue Realignment Between First Street and Second Street, Phase I Downtown Los Angeles, California report prepared by the County of Los Angeles Department of Public Works, Geotechnical and Materials Engineering Division, in 2002, or comparable measures, for construction of foundations and placement of Drilled and Belled concrete Caissons be incorporated into the plans and specifications to minimize potential exposure of people or property to risk of loss or injury, involving geologic hazards related to unstable foundations from seismic groundshaking, from the realignment of the Grand Avenue roadway and sidewalks. Prior to completion of final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that all recommendations contained in the Grand Avenue Realignment Between First and Second Streets Phase I Downtown Los Angeles, California prepared by County of Los Angeles Department of Public Works, Geotechnical and Materials Engineering Division in 2002 are implemented in order to prevent any unstable foundations. The County of Los Angeles Department of Public Works shall be responsible for monitoring construction to ensure that the construction of all foundations shall be observed by a geotechnical engineer familiar with the above-mentioned recommendations prior to placement of concrete or steel.	City of Los Angeles Bureau of Engineering, County of Los Angeles Department of Public Works Construction Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office County of Los Angeles Department of Public Works	Inspection Report (Title of Monitoring Report)	(Signature/Date of Inspector)
					Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE SOURCE	SIGNATURE/DATE
<p>Measure Geology-4</p> <p>The County of Los Angeles Department of Public Works and the City of Los Angeles Bureau of Engineering shall require that all recommendations provided in the Grand Avenue Realignment Between First Street and Second Street, Phase I, Downtown Los Angeles, California report prepared by the County of the Los Angeles Department of Public Works, Geotechnical and Materials Engineering Division in 2002, or comparable measures, for grading and earthwork be incorporated into the plans and specifications to minimize exposure of people or property to risk of loss or injury from geologic hazards related to fill materials required for the realignment of the Grand Avenue roadway and sidewalks. Prior to placement of new fill materials on site, the County of Los Angeles Department of Public Works shall ensure that those fill materials have been tested for compliance with the recommendations contained in the Grand Avenue Realignment Between First and Second Streets Phase I (Downtown) Los Angeles, California. The County of Los Angeles Department of Public Works shall monitor construction to ensure that the placement of fill materials shall be observed by a qualified geotechnical engineer. Where fill materials are used for engineering purposes, the County shall ensure that the suitability of all materials is verified to be suitable for such purposes.</p>	<p>City of Los Angeles Bureau of Engineering, County of Los Angeles Department of Public Works</p>	<p>Pre-Construction</p>	<p>County of Los Angeles Department of Public Works</p>	<p>County of Los Angeles Chief Administrative Office</p>	<p>Plans and Specifications (Title of Monitoring Report)</p>	<p>(Signature/Date of Monitoring Agency)</p>
	<p>Construction Contractor</p>	<p>Construction</p>	<p>County of Los Angeles Department of Public Works</p>	<p>County of Los Angeles Department of Public Works</p>	<p>Inspection Report (Title of Monitoring Report)</p>	<p>(Signature/Date of Inspector)</p>
<p>Measure Geology-5</p> <p>The County of Los Angeles Department of Public Works shall require the construction contractor to implement Best Management Practices consistent with the NPDES PERMIT No. CAS 50040011 to avoid soil erosion during construction of the realignment of the Grand Avenue roadway and sidewalks. Prior to completion of final plans and specifications, the County of Los Angeles Department of Public Works shall ensure the requirement to comply with NPDES Permit No. CAS 50040011 is included in the specifications. The County of Los Angeles Department of Public Works shall monitor construction to ensure compliance with NPDES Permit No. CAS 50040011.</p>	<p>County of Los Angeles Department of Public Works</p>	<p>Pre-Construction</p>	<p>County of Los Angeles Department of Public Works</p>	<p>County of Los Angeles Chief Administrative Office</p>	<p>Plans and Specifications (Title of Monitoring Report)</p>	<p>(Signature/Date of Monitoring Agency)</p>
	<p>Construction Contractor</p>	<p>Construction</p>	<p>County of Los Angeles Department of Public Works</p>	<p>County of Los Angeles Department of Public Works</p>	<p>Inspection Report (Title of Monitoring Report)</p>	<p>(Signature/Date of Inspector)</p>
<p>Measure Geology-6</p> <p>The County of Los Angeles Department of Public Works and the City of Los Angeles Bureau of Engineering shall require that all recommendations in the Grand Avenue Realignment Between First Street and Second Street, Phase I, Downtown Los Angeles, California report prepared by the County of Los Angeles Department of Public Works, Geotechnical and Materials Engineering Division, in 2002, for corrosion control measures be incorporated into the plans and specifications to minimize risk of loss from geologic hazards related to corrosion for all relocation of utilities required for the realignment of the Grand Avenue roadway and sidewalks. Prior to installation of new underground materials of any kind, corrosion control measures that are recommended in the M. J. Schiff and Associates letter, within Appendix D of the report, to prolong the life of materials buried in these corrosive soils shall be implemented in order to prevent corrosion of utilities piping at the project site. The County of Los Angeles Department of Public Works shall monitor the relocation of utilities during construction to ensure compliance with this measure.</p>	<p>City of Los Angeles Bureau of Engineering, County of Los Angeles Department of Public Works</p>	<p>Pre-Construction</p>	<p>County of Los Angeles Department of Public Works</p>	<p>County of Los Angeles Chief Administrative Office</p>	<p>Plans and Specifications (Title of Monitoring Report)</p>	<p>(Signature/Date of Monitoring Agency)</p>
	<p>Construction Contractor</p>	<p>Construction</p>	<p>County of Los Angeles Department of Public Works</p>	<p>County of Los Angeles Department of Public Works</p>	<p>Inspection Report (Title of Monitoring Report)</p>	<p>(Signature/Date of Inspector)</p>

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
Measure Geology-7 Exposure of people or property to potential adverse effects, including the risk of loss or injury, involving seismic groundshaking from the County Mall Pedestrian Improvements shall be minimized through conformance with all applicable County codes and regulations related to seismic safety. Prior to completion of final plans and specifications for the County Mall Pedestrian Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications are in compliance with all applicable County codes and regulations related to seismic safety.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Geology-8 Exposure of people or property to potential adverse effects, including the risk of loss or injury, involving seismic groundshaking from the Music Center Improvements, shall be minimized through conformance with all applicable County codes and regulations. Prior to completion of final plans and specifications for each of the Music Center Improvements, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications are in compliance with all applicable County codes and regulations related to seismic safety.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Geology-9 The County of Los Angeles Department of Public Works shall require the preparation of a site-specific report of geotechnical investigation for the education center at the Music Center to identify construction specifications to minimize the potential for risk of loss or injury from geologic hazards related to unstable bedding plans and seepage. During the design and construction phase for the Education Building, all recommendations in the site-specific report of geotechnical investigation shall be implemented. Compliance with this measure shall be monitored by the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works Music Center Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report) Inspection Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency) (Signature/Date of Inspector)
Measure Geology-10 The County of Los Angeles Department of Public Works shall require that all recommendations provided in the site-specific report of geotechnical investigation for grading and earthwork be incorporated into plans and specifications to minimize exposure of people or property to risk of loss or injury from geologic hazards related to fill materials potentially required for the education center. Prior to placement of new fill material on site, the County of Los Angeles Department of Public Works shall ensure that these fill materials have been tested for compliance with the site-specific report of geotechnical investigation. The County of Los Angeles Department of Public Works shall monitor construction to ensure that the placement of all engineered fill materials is observed by a qualified geotechnical engineer.	County of Los Angeles Department of Public Works Music Center Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report) Inspection Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency) (Signature/Date of Inspector)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
HAZARDS						
Measure Hazards-1 Prior to demolition or renovation of building facades, stairwells, or escalators at the proposed project, the County of Los Angeles (County) shall conduct an asbestos-sampling survey to determine the presence of ACMs. If found, the County shall prepare an Operations and Maintenance Plan that meets all applicable federal, state, and local requirements. This plan shall address methods for safely maintaining the ACMs that are to be left in place at the project site.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Report of Negative Findings or Operations and Maintenance Plan (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency) (Music Center Improvements Signature/Date of Monitoring Agency)
Measure Hazards-2 Prior to any demolition or renovation to be conducted on any painted surfaces at the project site, a lead based paint (LBP) survey shall be conducted by the County in order to determine the level of risk posed to maintenance personnel, construction workers, facility staff, and patrons from exposure to the paints present at the site. Any recommendations made in that survey related to the paints present at the project site shall be implemented prior to the demolition or renovation of said painted surfaces.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Report of Negative Findings or Operations and Maintenance Plan (Title of Monitoring Report)	(Roadway Realignment/County Mail Signature/Date of Monitoring Agency) (Music Center Improvements Signature/Date of Monitoring Agency)
Measure Hazards-3 Prior to any subsurface renovation or construction-related activities along Grand Avenue in the vicinity of the UST located in the loading dock area near the northwest corner of the intersection of Grand Avenue and First Street, and the remote fill box area on the southeast side of Grand Avenue adjacent to the County Hall of Administration, the County shall adopt methods to avoid, relocate or remove UST related structures or contaminated soil if encountered.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Phase II Subsurface Investigation (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE		RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
						SOURCE	SIGNATURE/DATE
HYDROLOGY AND WATER QUALITY							
Measure Hydro-1	The County of Los Angeles Department of Public Works shall require the construction contractor to avoid erosion, transport of pollutants, and siltation during construction of the realignment of the Grand Avenue roadway and sidewalks. Prior to final plans and specifications the County of Los Angeles Department of Public Works shall ensure that the Plans and Specifications require that the construction contractor for the Grand Avenue Realignment element of the proposed project be required to comply with the General Construction Activity Storm Water Permit. Such compliance measures would at a minimum include preparation and implementation of a Local Storm Water Pollution Prevention Plan and a wet Season Erosion Control Plan (for work between October 15 and April 15). These plans shall incorporate all applicable BMPs described in the California Storm Water Best Management Practice Handbook, Construction Activity into the construction phase of the project. Prior to construction, temporary measures must be implemented in order to prevent transport of Pollutants of Concern from the construction site to the storm drainage system. The BMPs should apply to both the actual work areas as well as contractor staging areas. Selection of construction related BMPs would be in accordance with the requirements of the City of Los Angeles Storm Water Program, Development Best Management Practices Handbook, Part A, Construction Activities. Compliance with the Local Storm Water Pollution Prevention Plan shall be monitored and enforced by the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Hydro-2	The County of Los Angeles Department of Public Works and the City of Los Angeles Bureau of Engineering shall require the realignment of the existing storm drain inlets as necessary to accommodate the realignment of the Grand Avenue roadway and sidewalks. Prior to final plans and specifications, the County of Los Angeles Department of Public Works and the City of Los Angeles Bureau of Engineering shall ensure that the final alignment of the Grand Avenue roadway and sidewalks accommodates the existing inlets to the storm drains and specifies the proposed relocation of the inlet structures.	Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Local Storm Water Pollution Prevention Plan (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
						Inspection Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Hydro-3	Prior to final plans and specifications for the Grand Avenue Realignment and the County Mail Pedestrian Improvements, the County of Los Angeles Department of Public shall review the plans and specifications for the roadway to ensure that the plans and specifications require the construction contractor to comply with the Standard Urban Stormwater Mitigation Plan (SUSMP). Some permanent means that shall be considered in the design phase include: <ul style="list-style-type: none">• Catch basin inserts.• Installation of a hydrodynamic separator on the existing 24-inch storm drain in First Street.• Use of drip or low irrigation systems to prevent discharge of non-storm event flows to the storm drain system.• Catch basin stenciling.• Provision of trash receptacles.	City of Los Angeles Bureau of Engineering, County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
		Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
		County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
Measure Hydro-4 ✓ The County of Los Angeles Department of Public Works shall require the construction contractor to undertake daily street sweeping and trash removal throughout the construction of the Grand Avenue realignment element of the project to avoid degradation of water quality. Prior to final plans and specifications for the Grand Avenue Realignment element of the project, the County of Los Angeles Department of Public Works shall review the plans and specifications for the roadway and ensure that the construction documents include a requirement that the contractor provide daily street sweeping and trash removal to prevent degradation of water quality. The Construction Contractor shall demonstrate compliance with this measure through the submittal at weekly monitoring reports to the County of Los Angeles Department of Public Works.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Weekly Monitoring Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
NOISE						
Measure Noise - 1 The County of Los Angeles Department of Public Works shall minimize the potential for construction noise levels to exceed County and City noise standards by requiring the construction contractor for the realignment of the Grand Avenue roadway and sidewalks to properly maintain all heavy equipment. Prior to the completion of final plans and specifications, the County of Los Angeles Department of Public Works shall ensure the plans and specifications include a requirement that all construction and grading equipment shall be properly maintained. All vehicles and compressors shall utilize exhaust mufflers. Engine enclosure covers as designed by the manufacturer shall be in place at all times. The County of Los Angeles Department of Public Works shall monitor the use of heavy equipment during construction of the realignment of the Grand Avenue roadway and sidewalks to ensure conformance with the requirements of properly maintained heavy equipment.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Noise - 2 The County of Los Angeles Department of Public Works shall encourage separation of pedestrians from operation of heavy equipment to minimize the potential effects of exposing people to noise levels in excess of ambient levels. Prior to the completion of final plans and specifications, the County of Los Angeles Department of Public Works shall ensure the plans and specifications include a requirement to route pedestrians (to the maximum extent practicable) 50 feet away from the construction area when heavy equipment such as hydraulic excavators are in use. Such routing may include the posting of signs at adjacent intersections and the pedestrian tunnels identified at the construction site: Grand Avenue / Second Street, Grand Avenue / First Street, Grand Avenue / Temple Street, Hill Street / Second Street, Hill Street / First Street, Hope Street / Temple Street, Hill Street / Second Street, Hill Street / First Street, and Hill Street / Temple Street. The County of Los Angeles Department of Public Works shall monitor rerouting of pedestrians during use of heavy equipment to ensure conformance with this measure.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Noise - 3 Prior to the completion of final plans and specifications, the County of Los Angeles Department of Public Works shall ensure the plans and specifications include a schedule of performances at the Music Center and a notification that the use of heavy equipment within 500 feet of the active venue shall be prohibited during all performances.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Noise - 4 Prior to the completion of final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that the plans and specifications include a requirement that the Contractor shall not use heavy equipment within (to the maximum extent practicable) 150 feet of the southwest corner of the County Courthouse while Court is in session. Normal Courtroom hours are from 8:30 a.m. to 11:30 a.m. and 1 p.m. to 3:30 p.m. Monday through Friday (except Court holidays). The Courtroom may not be in session every day of the week.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
	Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE		RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
						SOURCE	SIGNATURE/DATE
PUBLIC SERVICES							
Measure Public Services - 1 Prior to finalizing plans and specifications for the Grand Avenue Realignment and County Mail Pedestrian Improvement elements of the Grand Avenue and Environs project, the County of Los Angeles Department of Public Works shall review the plans and specifications to ensure that the construction contractor is apprised of the requirement to maintain access to sub-surface parking structures associated with the County Mall, the Music Center, and the Colburn School for Performing Arts.		County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
		Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Public Services - 2 Prior to the completion of final plans and specifications, the County of Los Angeles Department of Public Works shall ensure that the construction contractor is apprised of the need to maintain access for emergency response personnel to the Kenneth Hahn Hall of Administration, the Paseo de los Pobladores de Los Angeles, the County Courthouse, the Colburn School for Performing Arts, the Ahmanson Theatre, the Dorothy Chandler Pavilion, the Mark Taper Forum, the Music Center Plaza, and the Walt Disney Concert Hall.		County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
		Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Public Services - 3 Prior to the initiation of construction of each project element, the construction contractor shall be required to develop a plan to ensure that emergency evacuation from the northwest side of the County Mall and Colburn School for Performing Arts, the southwest side of the Music Center and Walt Disney Concert Hall would not be impeded by construction of the individual project elements. Prior to completion of the final plans and specifications, the County of Los Angeles Department of Public Works will ensure that the Construction Contractor is required to maintain emergency egress in accordance with the existing evacuation plans.		County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
		Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Inspection Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Public Services - 4 The County of Los Angeles Department of Public Works shall ensure that sufficient fire hydrants are accessible at all times during construction of the Grand Avenue Realignment element of the proposed project.		County of Los Angeles Department of Public Works	Construction	City of Los Angeles Fire Department	City of Los Angeles Fire Department	Fire Department Inspector Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
		County of Los Angeles Department of Public Works	Post-Construction	City of Los Angeles Fire Department	City of Los Angeles Fire Department	Fire Department Inspector Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE		RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
						SOURCE	SIGNATURE/DATE
TRANSPORTATION AND TRAFFIC							
Measure Transportation - 1		City of Los Angeles Department of Transportation, County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
The County of Los Angeles shall require the construction contractor to post signs identifying the construction of the Grand Avenue Realignment and County Mall Pedestrian Improvements, on the Grand Avenue off ramps from the Hollywood Freeway to minimize temporary construction impacts on vehicular traffic. Prior to final plans and specifications, the County of Los Angeles Department of Public Works and the City of Los Angeles Department of Transportation shall ensure that the plans and specifications for the Grand Avenue Realignment and County Mall Pedestrian Improvements require the construction contractor to post signs encouraging motorists to use alternate routes of travel during project construction. At a minimum, the program shall consider the posting of signs on Cesar Chavez Avenue, Temple Street and First Street, within 0.25 mile of the project, on Grand Avenue north of the project and on Olive Street south of the project. The construction area sign plans for the project shall include signs on the northbound Hollywood Freeway advising motorists to exit on Spring Street for access to the downtown area. Placement of signs along the Hollywood Freeway requires an encroachment permit and approval by Caltrans. The specifications require that the Contractor shall obtain an encroachment permit from Caltrans, prior to the initiation of construction. The construction contractor shall be required to place signs on Cesar Chavez Avenue advising motorists to use Figueroa Street or North Broadway; on Grand Avenue northwest of Temple Street, advising motorists to divert to Hope Street or to Hill Street, except for local traffic. Southwest of the project area, vehicle traffic shall be encouraged to divert to Hill Street at Fifth Street, except for local traffic.		County of Los Angeles Department of Public Works	Pre-Construction	Caltrans	County of Los Angeles Department of Public Works	Caltrans Encroachment Permit (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
		Construction Contractor	Construction	County of Los Angeles Department of Public Works, Caltrans, City of Los Angeles Department of Transportation	County of Los Angeles Department of Public Works	Weekly Monitoring Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Transportation-2		County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
It is proposed to provide pedestrian circulation along the northwest side of Grand Avenue between First Street and Second Street during project construction. There shall be some form of temporary protected pedestrian walkway because the Walt Disney Concert Hall would also still be under construction. This temporary walkway, which shall probably be subject to changes and re-alignments according to ongoing construction needs, shall maintain north-south pedestrian circulation on the northwest side of this block of Grand Avenue. Alternatively, access could be provided through provision of a sidewalk on the southeast side of Grand Avenue. It shall not need to provide access to adjacent uses because the Walt Disney Concert Hall would not yet be open.		Construction Contractor	Construction	County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works	Weekly Monitoring Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
Measure Transportation-3 Pedestrian circulation shall be maintained along the northwest side of Grand Avenue between Temple Street and First Street during project construction but not along the southeast side of the street. Pedestrian access to existing buildings shall also be maintained, although via different entrances and/or access routes. Although pedestrians may be inconvenienced by these temporary routings, pedestrian access and circulation in and through the project area shall be maintained, without significantly affecting pedestrians. It is therefore concluded there would be no significant impacts to pedestrian circulation. It is recommended that the final plans and specifications for the project include a Pedestrian - Circulation Plan for Project Construction that would ensure the following: <ul style="list-style-type: none"> • Alternate access to the County Administration Building (from existing entrances on Temple Street, Hill Street, and the County Mall). • Alternate access to the County Courthouse Building (from existing entrances on First Street at Olive Street, Hill Street, and the County Mall). • Temporary pedestrian walkway through the north east side of the Music Center Plaza between First Street and Temple Street. • Posting of signage showing alternate wheelchair access points to The Music Center, County Administration Building, and County Courthouse. • Posting of signage indicating detour routes for wheelchairs for the block of Grand Avenue between First Street and Temple Street. 	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Final Plans and Specifications (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Transportation-4 The County of Los Angeles Department of Public Works shall coordinate with MTA and Foothill Transit to temporarily relocate a total of five bus stops due to reduced street widths required for construction. Between First Street and Temple Street, the bus stops on either side of Grand Avenue just north of First Street and just south of Temple Street that serve primarily DASH service and one LADOT Commute Express Service would need to be temporarily closed. South of Second Street, the bus stop on the west side of Grand Avenue, serving MTA and Foothill Transit bus routes would need to be temporarily closed. In all cases, alternate bus stop locations can and shall be provided at existing bus stops within one or two blocks of the project site, on Temple Street, First Street, and Grand Avenue. Bus routes shall still be able to traverse Grand Avenue through the project area. It is therefore concluded that there shall be no significant impacts to transit during construction. Notices shall be posted in advance of and during construction at affected bus stops to advise passengers of alternate temporary locations.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Letter of Documentation (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Transportation-5 The County of Los Angeles Department of Public Works shall coordinate with MTA and Foothill Transit to permanently relocate the bus stop located on the northwest side of Grand Avenue immediately in front of the Walt Disney Hall to a location southwest of Second Street. While this bus stop has temporarily been relocated to accommodate construction of the Walt Disney Concert Hall, it will be permanently moved to that location, reducing impacts to transit at this location to below the level of significance.	County of Los Angeles Department of Public Works	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Letter of Documentation (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)

TABLE III-1
MITIGATION MONITORING PLAN
GRAND AVENUE AND ENVIRONS PROJECT, Continued

MITIGATION MEASURE	RESPONSIBLE IMPLEMENTATION PARTY	MONITORING PERIOD	ENFORCEMENT AGENCY	MONITORING AGENCY	DOCUMENTATION OF COMPLIANCE	
					SOURCE	SIGNATURE/DATE
Measure Transportation-6 Prior to construction, the County of Los Angeles Department of Public Works shall ensure that the northeastern pedestrian tunnel that connects the County Mall to the Music Center parking garage will be in compliance with ADA standards.	County of Los Angeles Internal Services Department	Pre-Construction	County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office	Letter Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency)
Measure Transportation-7 The Contractor shall maintain, unless necessitated by construction activities, a protected pedestrian access to the Grand Avenue entrance of the County of Los Angeles Courthouse. When necessitated by construction, and with the approval of the County, the Contractor may limit pedestrian access to the entrance except for emergency egress. Such limits on pedestrian access to the entrance must be identified on the construction schedule. The Contractor must notify the County at least 10 days in advance of limiting pedestrian access to the Grand Avenue entrance to the County Courthouse.	County of Los Angeles Department of Public Works Construction Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report) Weekly Monitoring Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency) (Signature/Date of Monitoring Agency) (Signature/Date of Monitoring Agency)
UTILITIES AND SERVICE SYSTEMS						
Measure Utilities-1 Prior to performing any construction activity at the project site, the Contractor shall call DIG-ALERT ¹ to identify and mark on the ground surface the locations of existing underground utilities.	County of Los Angeles Department of Public Works Construction Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report) Inspection Report (Title of Monitoring Report)	(Signature/Date of Monitoring Agency) (Signature/Date of Monitoring Agency)
Measure Utilities-2 Prior to performing any construction activity, potholing of the existing water and gas mains shall be performed to verify depth of cover. If the depth of cover over the lines is shallow and the total street pavement section is thick (around 24 inches), then the temporary cover over the lines during construction may be reduced to 12 inches or less. Under these circumstances, protective measures shall be implemented to prevent damage or breakage of the lines during the pavement sub-grade preparation process. Notices of service interruption, if necessary, shall be provided to customers in accordance with DWP-Water and SCG requirements.	County of Los Angeles Department of Public Works Construction Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	Utilities Letter Report (Title of Monitoring Report) Letter of Notice of Service Interruption (if necessary) (Title of Monitoring Report)	(Signature/Date of Monitoring Agency) (Signature/Date of Monitoring Agency)
Measure Utilities-3 In accordance with the California Solid Waste Management Act of 1989, the County of Los Angeles Department of Public Works shall require the construction contractor to manage the solid waste generated during construction of the project by diverting it from disposal in landfills, particularly Class III landfills, through source reduction, reuse, and recycling of construction and demolition debris. Additionally, the County shall comply with its own Solid Waste Management Plan. ¹	County of Los Angeles Department of Public Works Construction Contractor	Pre-Construction Construction	County of Los Angeles Department of Public Works County of Los Angeles Department of Public Works	County of Los Angeles Chief Administrative Office County of Los Angeles Department of Public Works	Plans and Specifications (Title of Monitoring Report) Inspection Reports (Title of Monitoring Report)	(Signature/Date of Monitoring Agency) (Signature/Date of Monitoring Agency)

¹County of Los Angeles Department of Public Works (LACDPW), 1990. Solid Waste Management Plan. Contact: 900 South Fremont Avenue, Los Angeles, California 91803.

PINK(1)

BA FORM 04072017

BOARD OF SUPERVISORS
OFFICIAL COPY

December 19, 2017

DEPT NO: 060

COUNTY OF LOS ANGELES

REQUEST FOR APPROPRIATION ADJUSTMENT

DEPARTMENT OF CHIEF EXECUTIVE OFFICER

AUDITOR-CONTROLLER:

THE FOLLOWING APPROPRIATION ADJUSTMENT IS DEEMED NECESSARY BY THIS DEPARTMENT. PLEASE CONFIRM THE ACCOUNTING ENTRIES AND AVAILABLE BALANCES AND FORWARD TO THE CHIEF EXECUTIVE OFFICER FOR HIS RECOMMENDATION OR ACTION.

ADJUSTMENT REQUESTED AND REASONS THEREFOR

FY 2017-18

3 - VOTES

SOURCES

USES

PFU-VARIOUS

A01-CB-2000-13749-13760

SERVICES & SUPPLIES

DECREASE APPROPRIATION

5,000,000

PROJECT AND FACILITY DEVELOPMENT

A01-CF-2000-10190

SERVICES & SUPPLIES

INCREASE APPROPRIATION

5,000,000

SOURCES TOTAL

\$ 5,000,000

USES TOTAL

\$ 5,000,000

JUSTIFICATION

Reflects a transfer of appropriation to the Project and Facility Development Budget for disbursement of funding to the Performing Arts Center of Los Angeles County (PACLAC) following execution of the funding agreement with PACLAC for the Music Center Plaza Project.

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

AUTHORIZED SIGNATURE

AMIR ALAM, MANAGER, CEO

BOARD OF SUPERVISOR'S APPROVAL (AS REQUESTED/REVISED)

Lori Glasgow
LORI GLASGOW
EXECUTIVE OFFICER

REFERRED TO THE CHIEF
EXECUTIVE OFFICER FOR---

☐ ACTION

☒ RECOMMENDATION

BY

DATE

AUDITOR-CONTROLLER

B.A. NO. 075

☒ APPROVED AS REQUESTED

☐ APPROVED AS REVISED

CHIEF EXECUTIVE OFFICER

BY

DATE

SEND 3 COPIES TO THE AUDITOR-CONTROLLER

**AMENDED AND RESTATED
MUSIC CENTER OPERATING LEASE**

This Amended and Restated Music Center Operating Lease (“**Amended Lease**”), dated as of December __, 2017 (the “**Effective Date**”), is entered into by and between the COUNTY OF LOS ANGELES, a body corporate and politic of the State of California (“**County**”), and PERFORMING ARTS CENTER OF LOS ANGELES COUNTY, a California non-profit public benefit corporation (“**Operator**”).¹

RECITALS :

WHEREAS, County is the owner of certain real property in the Civic Center area of The City of Los Angeles, as more particularly set forth in Section 1(a) below (“**The Music Center**”); and

WHEREAS, it is the intention of County that The Music Center be operated so that the citizens of County shall have the benefit of the finest of music, opera, light opera, ballet, lectures and other performances essential to the educational and cultural development of the community, and

WHEREAS, on March 13, 1962, County and Operator (as successor by merger to The Music Center Operating Company, a California non-profit corporation) entered into that certain The Music Center Memorial Pavilion Operating Sublease, which was subsequently replaced and superseded by that certain The Music Center Operating Sublease, dated as of June 25, 1963 (the “**Original Sublease**”) pursuant to which County continues to lease The Music Center (as defined below) to Operator pursuant to Government Code 26227, and

WHEREAS, County and Operator previously entered into certain amendments, operating memoranda, modifications and supplements to the Original Sublease set forth in **Exhibit A** attached hereto and incorporated by reference (together with any other amendments, operating memoranda, supplements or other modifications to the Original Sublease entered into or effective after June 25, 1963, the “**Prior Amendments**”), and

WHEREAS, the Walt Disney Concert Hall is leased by County to Operator pursuant to the terms of that certain Walt Disney Concert Hall Lease, dated as of January 9, 2007 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**WDCH Lease**”); and Grand Park is operated by Operator pursuant to the terms of that certain Grand Park Maintenance, Operating, and Programming Agreement, Contract No. AO-12-088, dated as of June 26, 2012 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Grand Park Operating Agreement**”), by and between County and Operator, and

WHEREAS to account for the evolving programs, operation, and needs of The Music Center and to facilitate its efficient operation, County and Operator have over time modified, or

¹ Certain initially capitalized terms which are not otherwise defined in the provision where used have the meanings set forth in the attached Appendix I.

adopted additional operating policies and procedures to supplement those set forth in the Original Sublease; and

WHEREAS, the operation and management of The Music Center in a manner which will produce the desired results present unusual and difficult challenges demanding extraordinary knowledge and experience and the Board of Directors of Operator is composed of persons having experience in corporate management and special experience, competence and knowledge in the management of non-profit corporations engaged in the staging and production of musical, dance and theatrical events, and

WHEREAS, County and Operator now desire to set forth in a single document the provisions by which Operator will operate and maintain The Music Center, in connection with which County and Operator desire to amend, restate and supersede in their entirety the Original Sublease and all Prior Amendments and to document the modified and additional policies and procedures that have benefited the operation of The Music Center,

NOW, THEREFORE, in consideration of the performance of the mutual promises contained in this Amended Lease, the parties hereby amend and restate the Original Sublease as follows:

Section 1. The Music Center.

(a) "The Music Center" consists, collectively, of the following (including, without limitation, all buildings, structures and facilities related to each of the following, other than the subterranean parking garage located underneath The Music Center (the "**Garage**"), which is expressly not a part of "The Music Center"; provided, that the escalators, stairs (excluding the short stairways located adjacent to the vehicular ways throughout the Garage), and the elevators in and/or serving the Garage are part of "The Music Center"): (1) that certain real property situated to the west of Grand Park, the Stanley Mosk Courthouse of the Los Angeles Superior Court, and the Kenneth Hahn Hall of Administration, and bounded on the south by First Street, on the north by Temple Street, on the east by Grand Avenue, and on the west by Hope Street, in the Civic Center area of the City of Los Angeles, which has been improved by the construction of the Dorothy Chandler Pavilion, the Ahmanson Theater, the Mark Taper Forum, and The Music Center Plaza, and other structures; (2) the De Lisa Building located at the northwest corner of Grand Avenue and Temple Street, Los Angeles, California and the real property on which it and its adjacent parking, driveways, and appurtenant structures are located; and (3) that certain subterranean tunnel ("**Tunnel**"), the entire space thereof and all improvements therein, which is accessible via an entryway/access point located immediately north of The Music Center's Grand Avenue staircase and which terminates underground without any other points of ingress or egress. (For the purposes of clarity, the Tunnel is the northernmost of two pedestrian tunnels which formerly connected The Music Center side of Grand Avenue with the Grand Park side of Grand Avenue, and which were formerly used by the public as pedestrian passageways between The Music Center and the area previously known as the County Mall (now Grand Park)).

(b) Should County, at any time during the term hereof, wish to build another structure on the real property on which the De Lisa Building, its adjacent parking, driveways, etc., are located, it may terminate Operator's tenancy of the De Lisa Building, provided that County furnishes Operator, in the vicinity of The Music Center, with reasonably comparable and convenient office space and facilities for Operator and its tenants for the remainder of the term of this Amended Lease. For the avoidance of doubt, and notwithstanding anything to the contrary contained in this Amended Lease, Operator acknowledges and agrees that any substantial additions to, or renovations or significant upgrades of or to, the De Lisa Building shall, in each instance, be subject to the prior written approval of the County Board of Supervisors, in its sole and absolute discretion, and a separate agreement between the parties hereto.

Section 2. **Lease of The Music Center.**

(a) Upon and subject to the terms and conditions set forth in this Amended Lease, County hereby leases to Operator, and Operator hereby accepts and rents from County, The Music Center. Operator hereby agrees to use The Music Center (including, without limitation, all structures and facilities related thereto), for the public purposes for which the same were or are to be built, to wit: for use as places of public assembly for the use, benefit and enjoyment of the public as auditoriums, opera houses, music halls and centers. Such use shall include, without limitation, the presentation of theatrical endeavors, recitals, concerts, lectures, dances, musical shows, opera presentations, ballet performances, festivals, tableaux, meetings, other assemblies and all other incidental and related uses including off-street parking for motor vehicles, concessions, and restaurants.

(b) The Music Center shall not be used for off-site advertising, any use that creates a nuisance or violation of law, uses that may cause or create unsafe or unsanitary conditions or uses involving the roof of any structure or for any purpose other than the uses specified in the immediately preceding sentence without the prior written consent of County.

(c) The granting of any naming rights with respect to The Music Center and the Improvements (as defined in Section 5(e)) from and after the Effective Date shall be subject to the prior written consent of the County and a separate agreement between the parties hereto. **Exhibit H** attached hereto reflects Operator's good faith effort to identify the naming rights that have been granted (by location and/or type) with respect to The Music Center and the Improvements as of the Effective Date. Notwithstanding such **Exhibit H**, any naming rights that Operator can show by reasonable documentation were granted prior to the Effective Date shall be deemed to be part of **Exhibit H** and are not required to be subject to a separate agreement between the parties hereto.

(d) Unless terminated earlier as provided in this Amended Lease, the term of this Amended Lease shall expire on June 25, 2064.

(e) At the end of the term, all of Operator's assets, after payment or discharge of its indebtedness and liabilities, shall be transferred to and title thereto shall vest in County, except for any assets generated by or for Programming by Operator using funds

other than Operations Revenue ("Programming Assets") to the extent such Programming Assets (i) are not used in connection with or not necessary for Operations at The Music Center, and (ii) are not expressly restricted to use at The Music Center. It is the intent of the parties that at the expiration or earlier termination of this Amended Lease, County shall receive all of Operator's assets that were meant to be used to operate or maintain The Music Center, and/or were donated to or fundraised by Operator with the agreement that such assets would be used exclusively at The Music Center. Upon the expiration or earlier termination of this Amended Lease, Operator shall bear the burden of proving, to County's satisfaction, that the Programming Assets that Operator desires to retain satisfy the foregoing criteria and intention of the parties.

(f) Following the expiration or earlier termination of this Amended Lease, in the event that a person or entity that donated Programming Assets to Operator that are not transferred to County pursuant to Section 2(e) brings a claim against County, and contends that such Programming Assets were intended solely for use at The Music Center, then Operator shall remain solely responsible for and shall defend, indemnify, and hold harmless County from and against any such claim. The County understands that Operator may need access to the Music Center to fulfill the obligations that are the basis for such donor's claim and, if that is the case, Operator's indemnification obligations set forth in this Section 2(f) shall be contingent on the County making The Music Center available to Operator for such purpose pursuant to a Short Term Sublease. The parties' obligations under this Section 2(f) shall survive the expiration or earlier termination of this Amended Lease.

Section 3. **Title to Property.**

(a) Title to The Music Center and all personal property and fixtures placed in or attached to The Music Center by County, shall remain vested in County at all times. Title to all personal property and fixtures placed in or attached to The Music Center by Operator shall remain vested in Operator at all times unless such fixtures (i) replace or have replaced fixtures owned by County, or (ii) are purchased with Operations Revenue, in which case they shall belong to, and be vested in, County. Title to personal property and fixtures placed in or attached to The Music Center by Operator's sublessees or concessionaires shall be controlled by the sublease to Operator's sublessee or by concession contract, as the case may be.

(b) It may become necessary or desirable from time to time for Operator to request to transfer the ownership of some of its personal property and fixtures placed in The Music Center to County. County may, in its sole and absolute discretion, agree to accept said transfer of ownership when requested by Operator.

(c) As used herein, the term "**Operator's Equipment**" shall refer to any equipment not purchased with Operations Revenue and owned by Operator, located at The Music Center and used by Operator for the operation of The Music Center. County acknowledges that Operator's Equipment shall be the property of Operator and Operator shall have the right to remove same from The Music Center upon the expiration or earlier

termination of this Amended Lease. County shall not be responsible for any damage to, or loss, upgrading, replacement, maintenance or repair of Operator's Equipment.

Section 4. Management Policy.

Operator shall operate The Music Center so as to be used in a manner consistent with California Govt. Code Section 26227. Without limiting the generality of the foregoing, County and Operator hereby agree that the Operator shall manage The Music Center so as to furnish the maximum educational and cultural benefits to the community, taking into account the Annual Budget and funds received by Operator from any other sources, including without limitation Operations Revenue and funds received by Operator for, or revenue or other proceeds generated by, Programming.

Section 5. Division of Duties.

(a) Operator shall operate and manage The Music Center for the public purposes for which the same were or are to be built in accordance with the standards and subject to the controls set forth in this Amended Lease.

(b) County shall supply all steam for heating, chilled water for air-conditioning and all utilities to The Music Center at County's expense and without cost to Operator.

(c) In the event of destruction of The Music Center or any part thereof neither Operator nor County shall have any obligation to repair or replace the same other than as set forth in Section 5(i) below regarding Operator's insurance and indemnity obligations.

(d) County alone shall operate the Garage and shall receive all of the revenue therefrom. In such Garage operation, parking for passenger vehicles shall be available for guests and patrons of, and personnel who work at, The Music Center at the then-prevailing parking rates. Persons designated by Operator as "Founders" shall be entitled to park in the most convenient parking space of the parking spaces then available at the then-prevailing parking rates. Attendant parking shall be provided for those who wish to pay for that service. If required by County, additional details regarding the operation of the Garage shall be set forth in an operating memorandum.

(e) Operator and County desire that The Music Center be recognized as among the finest performing arts centers in the nation. To that end, Operator shall maintain all of The Music Center and all improvements and physical structures which may exist or be erected, installed or made at The Music Center (collectively, the "**Improvements**"), together with all personal property and equipment located in or at The Music Center (collectively, "**Equipment**"), in good and substantial condition and repair at all times during the term of this Amended Lease, and, subject to the limitations set forth in Section 9, County shall provide to Operator the funding set forth in the applicable Annual Budget to enable Operator to discharge this obligation. For the purposes of this Amended Lease, the term "**maintenance**" is defined as all repair and preservation work necessary to maintain The Music Center, the Improvements and the Equipment in a good state of repair and otherwise safe, clean, wholesome and sanitary condition, as well as to

preserve the same for their intended purpose for a maximum useful life (the "**Maintenance Standard**"). For the avoidance of doubt, Operator's maintenance obligations shall include, without limitation, making all repairs, replacements and alterations to The Music Center other than Non-Routine Maintenance as necessary to comply with the Maintenance Standard ("**Routine Maintenance**"). Not less than once during every five (5) years during the term of this Amended Lease, County and Operator shall review the Maintenance Standards, including, without limitation, the custodial and physical maintenance standards theretofore agreed upon by County and Operator, and update the same as necessary to be consistent with the then reasonable maintenance standards applicable to comparable performing arts centers in the nation.

(f) Operator agrees to provide custodial, grounds keeping, ushering, security and general facilities maintenance services at The Music Center in accordance with the following:

(1) Subject to Section 5(e), Operator shall maintain The Music Center in a manner satisfactory to County, including without limitation the provision of all Routine Maintenance of all major building systems. Without limiting the foregoing, Operator shall keep The Music Center in reasonably clean condition, and the facilities therein shall be maintained in a condition which will allow the continued use of The Music Center for the purposes for which it is intended. Furthermore, Operator shall maintain The Music Center grounds (including, without limitation, plantings, terraces and fountains) in accordance with the Maintenance Standard.

(2) Notwithstanding any provision of this Amended Lease to the contrary, except as set forth in this Section 5(f)(2), Operator shall not be responsible for the cost of any Non-Routine Maintenance of The Music Center. For purposes of this Amended Lease, "**Non-Routine Maintenance**" means: (i) any planned item of maintenance which is generally required to be performed less often than once every five years, (ii) any necessary or desirable Capital Improvements, or (iii) any Emergency Maintenance. For purposes of this Amended Lease, "**Capital Improvements**" shall be defined as substantial additions or renovations, or significant upgrades of or to The Music Center, including building exteriors and major building systems (such as HVAC, mechanical, electrical, plumbing, vertical transportation, security, communications, structural or roof) that significantly increase the capacity, efficiency or economy of operation of The Music Center or its major building systems. For purposes of this Amended Lease, "**Emergency Maintenance**" shall be defined as the least amount of any immediate unplanned material repairs or replacements to the existing building systems, structural components and/or equipment that are broken or not functioning properly which, if not fixed, would pose an immediate health, safety, or security threat to the public or major damage to The Music Center, or would reasonably be expected to cause a material delay in or cancellation of any performance or event to be presented at The Music Center. Operator shall notify County in writing of the need for any required Emergency Maintenance within forty-eight (48) hours after learning of the need

for the same. Any desired or necessary Non-Routine Maintenance to The Music Center during the term of this Amended Lease shall be subject to the prior written consent of the County and a separate agreement between the parties hereto; provided, however, that if Operator reasonably determines that obtaining prior written consent for any particular Emergency Maintenance is not practicable because the urgency of the underlying emergency, Operator shall nevertheless provide notice thereof to County as set forth above, and following such notice, proceed to perform such Emergency Maintenance. The costs and expenses actually incurred by Operator for any Emergency Maintenance it performs (the "**Emergency Maintenance Costs**") shall be paid for, first, by application of any insurance proceeds available to Operator from the insurance that Operator is required to maintain pursuant to Section 5(i)(2) below, and second, by using any available funds in the Facility User's Fee account, if applicable to such Emergency Maintenance and to the extent such funds are not committed for other expenditures pursuant to Section 9(j). If Operator incurs Emergency Maintenance Costs in any fiscal year in excess of the available insurance or, if applicable and available, Facility User's Fee proceeds, Operator may request reimbursement for the same from the County, which request shall be subject to the County's approval pursuant to the applicable County approval process; provided, however, that such request shall be submitted to the County in writing, if at all, within 90 days after such Emergency Maintenance Costs were incurred; otherwise Operator shall be deemed to have waived any right to request or receive reimbursement for the same.

(3) All persons performing services hereunder shall meet the citizenship or alien status requirements contained in federal and state statutes and regulations, including, but not limited to, the federal Immigration Reform and Control Act of 1986. Operator shall obtain from all persons performing services hereunder, all verification and other documentation of employment eligibility status required by federal and state statutes and regulations as the same may be in effect from time to time, and Operator shall retain such documentation for the period prescribed by law. Without limiting the other provisions of this Amended Lease pursuant to which Operator agrees to indemnify County, Operator shall indemnify, defend and hold County and its agents, employees and officers harmless from and against any sanction or other liability which may be assessed against Operator or County, or both in connection with any alleged violation of state or federal laws relating to the employment of persons who are not United States citizens.

(g) County and Operator shall cooperate to manage and operate The Music Center in an efficient and economical manner.

(h) All of the personnel required to be furnished by this section shall be furnished by Operator by using its own personnel or by contracting for services and personnel to be supplied by others, subject to the terms and limitations set forth in this Amended Lease.

(i) **Indemnification and Insurance Requirements.** During the term of this Amended Lease, the following indemnification and insurance requirements shall be in effect.

(1) **Indemnification.**

(i) Operator shall indemnify, defend and hold harmless County and its Agents (as defined in Section 5(i)(3) below) and each of their respective successors and assigns from and against any and all liability, loss, injury or damage including, but not limited to, demands, claims, actions, fees, costs and expenses (including reasonable attorney and expert witness fees) (collectively, "**Claims**"), arising from or connected with (a) the operation, repair, maintenance, and other acts and omissions by Operator and its agents, officers, employees, licensees, concessionaires, or sublessees (collectively, the "**Operator Parties**"), arising from their use and occupancy of The Music Center, and/or (b) the failure of Operator or any of the Operator Parties to observe and abide by any of the terms or conditions of this Amended Lease or any applicable law, ordinance, rule, or regulation. In addition, Operator shall indemnify, defend and hold harmless County and its Agents and each of their respective successors and assigns from and against any and all Claims arising from or connected with the acts and omissions by invitees or permittees of Operator arising from (x) their use and occupancy of The Music Center, and/or (y) their failure to observe and abide by any of the terms or conditions of this Amended Lease or any applicable law, ordinance, rule, or regulation; provided that such indemnification obligation for invitees and permittees is limited to the extent that: (1) Operator is itself indemnified for such Claims, and/or (2) any insurance coverage is available to Operator for such Claims, whether pursuant to the policies of insurance that Operator is required to maintain under this Amended Lease or otherwise.

(ii) County shall indemnify, defend and hold harmless Operator and its agents, employees and officers and each of their respective successors and assigns from and against any and all Claims arising from or connected with (a) the operation, repair, maintenance, and other acts and omissions by County and its Agents, arising from their use and occupancy of the Garage, and/or (b) the failure of County and its Agents to observe and abide by any of the terms or conditions of this Amended Lease or any applicable law, ordinance, rule, or regulation.

(2) **General Insurance Provisions - Operator Requirements.**

(i) Without limiting Operator's indemnification of County and during the term of this Amended Lease, and until all of its obligations pursuant to this Amended Lease have been met, Operator shall provide and maintain (including the cost of deductibles, subject to Section 5(i)(9)), in accordance with the Annual Budget process set forth in

Section 9, insurance coverage satisfying the types, amounts and other requirements specified in this Amended Lease (including, without limitation, in this Section 5(i)); provided, however, with respect to the commercial property insurance for The Music Center, Operator shall either obtain and maintain the same at County's expense, or, at County's election, County shall self-insure for the same. These minimum insurance coverage terms, types and limits (the "**Required Insurance**") also are in addition to and separate from any other contractual obligation imposed upon Operator pursuant to this Amended Lease. County in no way warrants that the Required Insurance is sufficient to protect Operator for liabilities which may arise from or relate to this Amended Lease.

(A) **Evidence of Coverage and Notice to County.**

(I) Certificate(s) of insurance coverage ("**Certificates**") satisfactory to County, and a copy of an additional insured endorsement confirming County and its Agents (as defined below) has been given insured status under Operator's general liability policy, shall be delivered to County at the address shown below and provided prior to the Effective Date.

(II) Renewal Certificates shall be provided to County not less than 10 days prior to Operator's policy expiration dates. County reserves the right to obtain complete, certified copies of any required Operator insurance policies at any time.

(III) Certificates shall identify all Required Insurance coverage types and limits specified herein, reference this Amended Lease by name or number, and be signed by an authorized representative of the insurer(s). The insured party named on the Certificate shall match the name of Operator identified in this Amended Lease. Certificates shall provide the full name of each insurer providing coverage, its NAIC (National Association of Insurance Commissioners) identification number, its financial rating, the amounts of any policy deductibles or self-insured retentions exceeding twenty five thousand (\$25,000.00) dollars, and list any County-required endorsement forms.

(IV) Neither County's failure to obtain, nor County's receipt of, or failure to object to a non-complying insurance certificate or endorsement, or any other insurance documentation or information provided by Operator, its

insurance broker(s) and/or insurer(s), shall be construed as a waiver of any of the Required Insurance provisions.

(V) Certificates and copies of any required endorsements or notices of cancellation shall be delivered to:

County of Los Angeles
Chief Executive Office
Real Estate Division
222 South Hill Street, 3rd Floor
Los Angeles, CA 90012
Attention: Property Management

(ii) Operator also shall promptly notify County of any third party claim or suit filed against Operator which arises from or relates to this Amended Lease, and would reasonably be expected to result in the filing of a claim or lawsuit against Operator and/or County.

(3) **Additional Insured Status and Scope of Coverage.** County, its Special Districts, elected officials, officers, agents, employees, counsel, consultants, and volunteers (collectively, "**County and its Agents**"), shall each be named as additional insureds under Operator's general liability policy with respect to liability arising from or connected with Operator's acts, errors, and omissions arising from and/or relating to Operator's operations on and/or its use of The Music Center. County's additional insured status shall apply with respect to liability and defense of suits arising out of Operator's acts or omissions, whether such liability is attributable to Operator or to County. The full policy limits and scope of protection also shall apply to County as an additional insured, even if they exceed County's minimum Required Insurance specifications herein. Use of an automatic additional insured endorsement form is acceptable providing it satisfies the Required Insurance provisions herein.

(4) **Cancellation of or Changes in Insurance.** Operator shall provide County with, or Operator's insurance policies shall contain a provision that County shall receive, written notice of cancellation or any change in Required Insurance, including insurer, limits of coverage, term of coverage or policy period. The written notice shall be provided to County at least ten (10) business days in advance of cancellation for non-payment of premium and thirty (30) business days in advance for any other cancellation or policy change. Failure to provide written notice of cancellation or any change in Required Insurance may constitute a material breach of this Amended Lease, in the sole discretion of County, upon which County may terminate this Amended Lease.

(5) **Failure to Maintain Insurance.** Operator's failure to maintain or to provide acceptable evidence that it maintains the Required Insurance shall constitute a material breach of this Amended Lease, upon which County may

terminate this Amended Lease in accordance with the terms of Section 15(a)(2). County, at its sole discretion, may obtain damages from Operator resulting from said breach. Alternatively, the County may purchase the Required Insurance and without further notice to Operator, pursue Operator for reimbursement.

(6) **Insurer Financial Ratings.** Insurance is to be provided by an insurance company authorized to do business in California and acceptable to County, with an A.M. Best rating of not less than A:VII, unless otherwise approved by County.

(7) **Operator's Insurance Shall Be Primary.** Operator's insurance policies, with respect to any claims related to this Amended Lease, shall be primary with respect to all other sources of coverage available to County. Any County maintained insurance or self-insurance coverage shall be in excess of and not contribute to any Operator coverage.

(8) **Waiver of Subrogation.** To the fullest extent permitted by law, Operator hereby waives its and its insurer(s) rights of recovery against County under all required insurance policies for any loss arising from or related to this Amended Lease. Operator shall require its insurers to execute any waiver of subrogation endorsements which may be necessary to effect such waiver.

(9) **Deductibles and Self-Insured Retentions ("SIRs").** Any Operator deductible or SIR shall be at County's expense in accordance with the Annual Budget described in Section 9. County retains the right to require Operator to reduce or eliminate policy deductibles and SIRs as respects County, at County's expense in accordance with the Annual Budget described in Section 9.

(10) **Claims Made Coverage.** If any part of the Required Insurance is written on a claims made basis, any policy retroactive date shall precede the start date of this Amended Lease. Operator understands and agrees it shall maintain such coverage for a period of not less than three (3) years following the expiration, or early termination of this Amended Lease.

(11) **Application of Excess Liability Coverage.** Operator may use a combination of primary and excess insurance policies which provide coverage as broad as ("follow form" over) the underlying primary policies, to satisfy the Required Insurance provisions.

(12) **Separation of Insureds.** All liability policies shall provide cross-liability coverage as would be afforded by the standard ISO (Insurance Services Office, Inc.) separation of insureds provision with no insured versus insured exclusions or limitations.

(13) **County Review and Approval of Insurance Requirements.** County reserves the right to review and adjust the Required Insurance provisions, conditioned upon County's determination of changes in risk exposures.

(14) **Insurance Coverage Types and Limits.**

(i) Commercial general liability insurance (providing scope of coverage equivalent to ISO policy form CG 00 01), naming County and its Agents as an additional insured, with limits of not less than:

General Aggregate:	\$ 10 million
Products/Completed Operations Aggregate:	\$ 10 million
Personal and Advertising Injury:	\$ 5 million
Each Occurrence:	\$ 5 million

(ii) Automobile liability insurance (providing scope of coverage equivalent to ISO policy form CA 00 01) with limits of not less than \$1 million for bodily injury and property damage, in combined or equivalent split limits, for each single accident. Insurance shall cover liability arising out of Operator's use of autos pursuant to this Amended Lease, including owned, leased, hired, and/or non-owned autos, as each may be applicable.

(iii) Workers compensation and employers' liability insurance or qualified self-insurance satisfying statutory requirements, which includes employers' liability coverage with limits of not less than \$1 million per accident. If applicable to Operator's operations, coverage also shall be arranged to satisfy the requirements of any federal workers or workmen's compensation law or any federal occupational disease law.

(iv) Commercial property insurance, which insurance shall:

(A) Provide coverage for County's property and any Improvements and betterments; this coverage shall be at least as broad as that provided by the Causes-of-Loss Special Form (ISO form CP 10 30), excluding earthquake and including flood and ordinance or law coverage.

(B) Be written for the full replacement cost of the property and any Improvements, with a deductible no greater than \$250,000 or 5% of the property value, whichever is less. Insurance proceeds shall be payable to Operator and County as their interests may appear.

(15) **Provisions Pertaining to Property Insurance.** Upon the occurrence of any loss, the proceeds of commercial property insurance that is to be maintained by Operator shall be paid to, and held by, County in trust for the named insureds as their interests appear, and shall be disbursed by County on a monthly basis to pay for work completed in accordance with then-prevailing industry custom and practice. In the event of a loss, except as expressly provided to the contrary in this Amended Lease, Operator shall be obligated to use the insurance proceeds received by Operator to rebuild or replace the destroyed or

damaged buildings, structures, equipment, and Improvements, in accordance with the procedures reasonably required by County. Any surplus or proceeds after said rebuilding or replacement shall be distributed to County.

Section 6. General Standards of Performance.

During the term of this Amended Lease, Operator shall observe and enforce the following separate, distinct and cumulative standards (provided, however, that if there is a more specific standard set forth elsewhere in this Amended Lease, then such more specific standard shall govern):

(a) **Punctual Payment.** Operator shall duly and punctually pay or cause to be paid its monetary obligations hereunder in strict conformity herewith.

(b) **Discharge Claims.** Operator shall discharge or provide for the discharge of all claims which it has authorized or incurred for labor, materials and supplies furnished for or in connection with The Music Center and pay all taxes (other than ad valorem taxes, if any, which shall be paid by County), assessments or other governmental charges lawfully levied or assessed upon or in respect of The Music Center or any part thereof or upon any of the revenues therefrom.

(c) **Non-Discrimination.** Operator herein covenants for itself its successors and assigns and all persons claiming through them that this Amended Lease is made and accepted upon and subject to the condition that there shall be no discrimination against or segregation of any person or group of persons on account of race, color, creed, religion, age, physical handicap, medical condition, sex, marital status, sexual preference, gender expression, gender identity, national origin or ancestry in the maintenance, operation and programming of The Music Center, nor shall Operator itself or any person claiming under or through it establish or permit such practice of discrimination or segregation at The Music Center. Operator agrees to include in any sub-agreement or other contract it enters with respect to The Music Center a covenant to the same effect as this Operator covenant.

(d) **Establish Rules.** Operator shall use reasonable efforts to enforce the rules and regulations which shall be established governing the use and operation of The Music Center. Without limiting the generality of the foregoing, Operator shall require all of Operator's employees, representatives, tenants, invitees, contractors, and agents (collectively, "**Operator's Related Parties**") to adhere to such rules and regulations and shall use reasonable efforts to enforce such adherence. The rules and regulations currently in effect are attached hereto as **Exhibit E** and incorporated by reference.

(e) **Governmental Regulations.** Operator shall duly observe, conform to and comply with all valid requirements of any governmental authority relative to The Music Center or any part thereof. Operator shall further require Operator's Related Parties and all persons using The Music Center or attending events therein to conform to and comply with such requirements, and shall use reasonable efforts to enforce such conformity and compliance.

(f) **Operation.** Operator shall operate and manage The Music Center in an efficient and economical manner, and County and Operator shall cooperate to that end.

(g) **Salaries.** All salaries, fees, wages and compensation paid by Operator in connection with its operation of The Music Center in accordance with this Amended Lease shall be consistent with industry standards, taking into account labor markets in the geographical location of The Music Center, and no more persons shall be employed by Operator in connection with such operation than are necessary to comply with its obligations under this Amended Lease.

(h) **Performances.** Operator hereby covenants that all performances in The Music Center will be dignified and thoroughly high class in caliber and cast no negative reflection upon County nor mar the reputation of The Music Center.

(i) **County Board Hiring and Contracting Policies.** Operator agrees to comply with the terms of Exhibit X attached hereto and incorporated herein (collectively, "**Benefits**"). Exhibit X may be amended from time to time with the mutual written agreement of Operator and County. County's Chief Executive Office ("**CEO**") shall be authorized to sign such agreements amending Exhibit X. At such time as Exhibit X is so amended, the agreed upon revised version of Exhibit X will replace the previous version of the exhibit, without the need to otherwise amend this Amended Lease, provided that County shall memorialize the new exhibit by providing written confirmation to the Operator of its replacement of the Exhibit X in the Amended Lease. No later than September 30 of each year of the term hereof, Operator shall deliver a written report to the County on its achievement of the Benefits in the past fiscal year. If the Operator fails to achieve any (or any portion) of the Benefits, the written report must also include an explanation of why each Benefit or portion thereof has not been achieved and a corrective action plan for achieving each such Benefit in the next fiscal year. At the County's sole discretion, the Operator may be required to make an oral presentation of such report at a regularly scheduled meeting of the County Board of Supervisors.

(j) **Operator CEO.** Operator shall obtain the approval of the County Board of Supervisors, in the sole and absolute discretion of the County Board of Supervisors, prior to hiring any new chief executive officer of Operator. Once Operator has selected a final candidate for such position, Operator shall make such candidate available to the County Board of Supervisors for an interview to assist in the County Board of Supervisors' consideration of the same.

Section 7. **Controls to be Exercised by County.**

Unless otherwise set forth in this section, the following separate, distinct and cumulative covenants and obligations of Operator shall continue throughout the term of this Amended Lease.

(a) **Long Term Subleases.** Any contract (including, without limitation, subleases, licenses or other agreements) for the staging of events at The Music Center which is for a term of three (3) years or more (including renewals and extensions), or

which contemplates the staging of an event or events three (3) years or more from the date of execution thereof, is hereinafter referred to as a “**Long Term Sublease**”. Each such Long Term Sublease shall not exceed seven (7) years and shall be submitted to County in advance for County’s approval. No such Long Term Sublease shall be valid unless approved in writing by County in advance, and in all cases, no Long Term Sublease shall extend beyond the term of this Amended Lease. Each Long Term Sublease shall include a provision that the sublessee shall not be permitted to further sublease without County’s approval; provided, however, that County acknowledges that the Long Term Subleases listed on **Exhibit J** attached hereto (which were entered into prior to the Effective Date and previously approved by County) permit further subleasing without County’s consent, and that nothing in this Amended Lease is intended to modify or otherwise affect such provisions of such Long Term Subleases.

(b) **Long Term Subleases with Other Non-Profit Corporations.** Any Long Term Sublease with another non-profit corporation or association shall comply with Section 7(a), above, and, in addition, may provide for successive options to renew for one or more additional terms (not to exceed a total maximum term of 7 years); provided, however, that said options shall not extend beyond the term of this Amended Lease. Price and other controls in any such Long Term Sublease may be changed on any such renewal; provided, however, that if Operator or County desire to change any provision of any such Long Term Sublease in any way which would adversely affect the non-profit long term sublessee in negotiating for events to be staged, written notice thereof must be given to the non-profit long term sublessee at least twenty-six (26) months prior to the date the option to renew may be exercised.

(c) **Short Term Subleases.** All contracts (including, without limitation thereto, subleases, licenses or other agreements) for the staging of events at The Music Center or for using the facilities thereof that are not Long Term Subleases are “**Short Term Subleases**”. No Short Term Sublease shall extend beyond the term of this Amended Lease, and each Short Term Sublease shall include a provision that the sublessee shall not be permitted to further sublease without County’s approval. In connection with Short Term Subleases, Operator shall compile and maintain:

(1) **Events.** A list of the classes and types of events which may be staged in The Music Center at times not committed under Long Term Subleases. Such list and subsequent changes shall be submitted to County in advance for approval. Operator shall not enter into a Short Term Sublease for or otherwise permit the staging of any class or type of event not included in said list as approved by County. County hereby approves the list of the classes and types of events set forth in **Exhibit I**.

(2) **Short Term Sublease Terms.** Standard provisions to be included in short term sublease forms for various types of tenants, other than Long Term Subleases, expected to occupy The Music Center for the staging of events or otherwise, which provisions shall be submitted to County in advance for approval, and after receiving such approval, any material change in such provisions in any Short Term Sublease shall in each instance be submitted to County for its

approval as necessary. Such list of required provisions approved by County is set forth in **Exhibit K**.

(3) **Rental Rates.** A list of standard rental rates to be charged persons and organizations staging Short Term Sublease events at or using the facilities of The Music Center, provided, however, that Operator may deviate from such standard rental rates in its discretion, taking into account (i) the nature of the applicable events, persons and organizations and (ii) Operator's obligations under Section 4. Such list shall be submitted to County with the Annual Budget for informational purposes.

(d) **Concession Approval.** Any contract (including, without limitation, subleases, licenses or other agreements) (i) for a term of more than 3 years (including renewals and extensions), or (ii) of any duration for any concession for any food or beverage operation, shall be submitted to County in advance for approval. No such contract shall be valid unless such contract is approved in writing by County. A list of all concession and restaurant contracts in effect at The Music Center as of the date of this Amended Lease is attached hereto as **Exhibit F**.

(e) **Rules and Regulations.** Operator shall compile a list of reasonable rules and regulations governing the operation and use of The Music Center, which, after receiving the written approval of County, shall be in effect and Operator shall use reasonable efforts to enforce. Any material change shall be submitted to County for its approval from time to time as necessary. County hereby approves the rules and regulations set forth in **Exhibit E**.

(f) **Entry by County.** County and its duly authorized representatives or agents may enter upon The Music Center at any and all reasonable times during the term of this Amended Lease for the purpose of determining whether or not the Operator is complying with the terms and conditions hereof, or to carry out any of the rights or obligations imposed on County hereby, or for any other purpose incidental to the rights of County.

(g) **Operations Revenue and Programming.** Operator shall utilize all Operations Revenue solely for the funding of Operations. For the avoidance of doubt, no Operations Revenue shall be used to fund Programming.

Section 8. Records and Accounts; Audit Rights.

Operator shall keep proper books of records and accounts in accordance with generally accepted principles of accounting in which complete and correct entries shall be made of all expenditures incurred and revenues received in the Operations of the facilities comprising The Music Center, whether or not such Operations are funded 100% by the County. Said books of records and accounts shall be available at reasonable times for inspection by County and County shall have the right at any reasonable times and on reasonable prior notice to examine and audit said books of records and accounts, without restrictions; provided, that County shall not have the right to inspect or audit Operator's books of records and accounts of Programming.

Notwithstanding the foregoing, Operator shall be responsible to have at least an annual audit performed by a certified public accounting firm at its cost and expense (which audit shall cover both Operations and Programming), and Operator shall provide copies of such annual audit to County's CEO no later than October 31 of each year during the term hereof. Operator shall demonstrate to County's satisfaction that the expenses and revenues in such annual audited financial statements reconcile with the Operations costs and Operations Revenue for each applicable Department (as defined below). Operator shall maintain all books of records and accounts for a period of seven (7) years in a location within Los Angeles County. In the event that any audit (whether performed by Operator or County) discloses a discrepancy whereby the County was underpaid more than two percent (2%) of the revenue that was due County for the period audited, then Operator shall pay for County's audit contract costs, plus the amount of any identified deficiency, with interest thereon from sources other than the Operations Revenue within ten (10) days after Operator's receipt of such audit results from County. The audit rights of County and recordkeeping obligations of Operator in this Section 8 shall survive the expiration of the term hereof or other termination of this Amended Lease for seven (7) years after such expiration or termination.

Section 9. Budget, Yearly Payments, Facility User's Fee.

(a) Annually and concurrently with the preparation of the County budget, Operator shall prepare and submit to County for County's written approval a budget of proposed expenditures of County Funds for Operator's obligations under this Amended Lease and the WDCH Lease during the ensuing fiscal year (as so approved, the "**Annual Budget**").

(b) Operator shall provide the services described in this Amended Lease through the departments of Operator set forth on **Exhibit B** and such other departments of Operator as Operator and County shall agree in writing (each, a "**Department**" and collectively, the "**Departments**"). The County shall fund the costs of such Departments as documented in the Annual Budget, which costs shall be the costs of each Department set forth on **Exhibit C**; provided, that such costs shall not include any expenditures prohibited by Section 9(g); and further provided that in the event of any conflict between an approved Annual Budget and an item listed in Section 9(g), the terms of Section 9(g) shall control.

(c) County shall fund the cost of maintaining and operating The Music Center as, and to the extent, set forth in the Annual Budget. County shall have no obligation to fund any costs or expenses in excess of the Annual Budget. Any additional funding provided by County (over and above that provided for in the Annual Budget) relating to this Amended Lease and/or the WDCH Lease shall be subject to County's approval.

(d) County shall pay to Operator fifty percent (50%) of the amount of the Annual Budget on or before July 31 of the applicable fiscal year and the remaining fifty percent (50%) of the amount of the Annual Budget on or before December 31 of the applicable fiscal year. Operator shall deliver an appropriate invoice to County for each such payment a reasonable period of time prior to the date such payment is payable by County.

(e) Operator shall not in any fiscal year expend County Funds provided pursuant to this Section 9 in excess of the total expenditures provided for in the Annual Budget with respect to such fiscal year. In the event that Operator exceeds the Annual Budget, Operator shall be solely responsible for the payment of such excess costs and expenses from sources other than County Funds. In the event that Operator expends less than the amounts set forth in the Annual Budget under this Amended Lease, Operator shall either (i) repay the amount of such excess to County concurrently with Operator's submission of the annual audit to County's CEO for such fiscal year pursuant to Section 8 above, or (ii) apply such excess to the shortfall, if any, towards Operations-related items for the same fiscal year under the WDCH Lease as provided below in Section 9(f). In the event that the actual costs of any line item in the Annual Budget are less than the applicable amount set forth in the Annual Budget, Operator may apply the excess funds from such line item's budget to another line item in the Annual Budget; provided, however, in no event shall the total Annual Budget increase from moving funds from one line item to another line item.

(f) If Operator expends more to carry-out Operator's Operations obligations under this Amended Lease than budgeted under the Annual Budget, and less than budgeted under the same Annual Budget for Operations-related items under the WDCH Lease, then Operator may apply the excess funds from such Annual Budget relating to the WDCH Lease to the excess Operations-related expenditures under this Amended Lease in such fiscal year, and vice versa. Notwithstanding the foregoing, in no event shall (i) the Annual Budget increase as a result of the foregoing, or (ii) any Operations Revenue be used or applied (whether under this Amended Lease or the WDCH Lease) for anything other than as permitted under this Amended Lease. Operator will show the application of funds under this Amended Lease and the WDCH Lease in the Annual Budget for the fiscal year following the fiscal year in which such application occurred.

(g) Notwithstanding anything to the contrary in any approved Annual Budget, and for the avoidance of doubt, County shall have no obligation to fund, and Operator shall not use any:

(1) Operations Revenue to pay for: (i) the costs of any gift card, business gifts or other gifts of any kind to any recipient, (ii) the costs of any business entertainment, including, without limitation, any events held exclusively for the benefit of Operator's employees and directors (such as a holiday party or retreat for Operator's employees or board of directors), (iii) catering service for any meeting or occasion of any kind, (iv) Programming, (v) costs, expenses or fees (including, without limitation, attorneys' fees) incurred by Operator in connection with any dispute arising between Operator and County in connection with this Amended Lease, or (vi) any cost or expense that violates any County policy that is applicable to County's contractors and/or tenants generally.

(2) County Funds to pay for any administrative overhead expenses not set forth on Exhibit C.

(h) It is recognized that Operator is undertaking this Amended Lease and the duties hereunder and that all calculations have been made upon the assumption that no taxes will be payable by Operator; provided, however, that Operator's possessory interest (as defined in California Revenue and Taxation Code Section 107) in The Music Center created by this Amended Lease may be subject to property taxation, and in such case the Operator may be subject to the payment of the property taxes levied on the interest. With the exception of such possessory interest taxes, the County agrees to pay for and on behalf of Operator all other state taxes and local taxes, but not any federal taxes, for which Operator shall become liable by virtue of its possession and operation of The Music Center in accordance with this Amended Lease. If requested by County, Operator will cooperate in any lawful means of resisting or contesting such taxes which County is agreeing to pay hereunder or of recovering the same after payment thereof by County. As used above "local taxes" shall mean taxes and assessments of every kind and nature, if any, levied and collected by the City of Los Angeles or the County of Los Angeles or by any authority, district or other local agency, and "state taxes" shall mean taxes and assessments of every kind and nature, if any, levied and/or collected by the State of California or any department or agency thereof, and "federal taxes" shall mean taxes and assessments of every kind and nature, if any, levied and/or collected by the United States of America or any department or agency thereof.

(i) On an annual basis, on or before September 30 of each fiscal year, Operator will deliver to County a summary of expenditures for the prior fiscal year of (a) Operations Revenue, generally, and (b) specifically, County Funds by department (Departmental Report), together with a certificate of compliance in the form of **Exhibit D** attached hereto duly executed by the Chief Financial Officer or an officer of substantially similar authority of Operator.

(j) **Facility User's Fee.**

(1) County and Operator agree that a facility user's fee ("**Facility User's Fee**") of no more than five percent (5%) shall be imposed on all tickets sold for performances in The Music Center and that Operator will collect such Facility User's Fee. The Facility User's Fee is a charge against any person purchasing a ticket to The Music Center for the privilege of using, and the right to use, the facilities thereof during their presence therein, and shall be collected by the Resident Companies and paid to Operator. Facility User's Fees shall be used by Operator from time to time to make purchases of, or repairs or improvements to, furniture, fixtures, equipment, facilities, information and performance technology systems, and, subject to County prior approval, Capital Improvements, or the financing thereof, which enhance, or are otherwise reasonably appropriate for use in connection with, performances, rehearsals and audience services in, on or about The Music Center and the Walt Disney Concert Hall (the "**Expenditure Standard**"). All Facility User's Fees collected pursuant to this section shall be deposited into a separate, interest-bearing account, and Operator shall make arrangements to provide that such account may be viewed by the County at any time (subject to outages and maintenance which may occur at the financial institution at which such account is held) for informational and audit purposes.

On or before April 1 of each fiscal year, Operator shall submit to County for County's written approval a plan detailing Operator's anticipated use of the Facility User's Fees that are expected to be collected in the upcoming fiscal year (the "**Facility User's Fee Plan**"). If County has not approved or disapproved the Facility User's Fee Plan within sixty (60) days following the date of its submission, it shall be deemed approved by County. On or prior to September 30 of each fiscal year, Operator shall submit a reconciliation of actual uses of Facility User's Fees for the prior fiscal year against the Facility User's Fee Plan for such prior fiscal year.

(2) Any use of the Facility User's Fee by Operator that: (a) does not comply with the Expenditure Standard and/or the Facility User's Fee Plan that was approved by the County for that year and is not an expenditure for Emergency Maintenance as permitted in Section 5(f)(2) hereof; or (b) constitutes a Capital Improvement as defined in Section 5(f)(2) hereof, shall require the prior written consent of the County CEO.

(k) This Section 9 shall apply beginning with the Annual Budget for fiscal year beginning July 1, 2018. Prior to such time, the terms of Section 9 of the Original Sublease (as amended by the Prior Amendments) shall apply.

Section 10. **Financial Interest.**

(a) No County employee whose position with County enables such employee to influence the award of this Amended Lease, and no spouse or economic dependent of such employee, shall be employed in any capacity by Operator or have any other direct or indirect financial interest in this Amended Lease. No officer or employee of Operator who may financially benefit from the performance of work hereunder shall in any way participate in County's approval, or ongoing evaluation, of such work, or in any way attempt to unlawfully influence County's approval or ongoing evaluation of such work.

(b) Operator shall comply with all conflict of interest laws, ordinances, and regulations now in effect or hereafter to be enacted during the term of this Amended Lease (collectively, "**Conflict of Interest Laws**"). Operator warrants that it is not now aware of any facts that would violate the Conflict of Interest Laws. If Operator hereafter becomes aware of any facts that might reasonably be expected to violate Conflict of Interest Laws, it shall immediately make full written disclosure of such facts to the County. Full written disclosure shall include, but is not limited to, identification of all persons implicated and a complete description of all relevant circumstances.

(c) The prohibitions in Section 10(a) and Section 10(b) shall not prevent any officer, director or employee of Operator from serving as an officer, director or employee of any non-profit corporation or association entering into a Long Term Sublease with Operator pursuant to Section 7(b) hereof. However, at no time shall more than one-half of the members of the Board of Directors of Operator be officers, directors or employees of any such non-profit corporations or associations.

Section 11. Assignment.

Operator shall not assign its interest under this Amended Lease (or any portion thereof) without the County's written consent, which consent shall not be unreasonably withheld; provided, however, that any assignee of Operator's interest must be a qualified 501(c)(3) Organization.

Section 12. Notices, County Approval.

(a) Any notice, request, consent, or approval which either party hereto is required or permitted to give or cause to be given to the other shall be in writing and shall be delivered or addressed to such other party at the address set forth below or to such other address as that party may from time to time direct by notice given in the manner herein prescribed, and such notice, request, consent or approval shall be deemed to have been given or made which was communicated by personal delivery or by independent courier service; or if by mail then the earlier to occur of when actually received or on the third (3rd) business day after the deposit thereof in the United State Mail in Los Angeles County, California, postage prepaid, registered or certified, addressed as hereinafter provided; or, for notice of Emergency Maintenance only, when an email message is sent to the applicable address below. All notices, requests, consents and approvals shall be addressed as follows:

If to County:

County of Los Angeles
713 Hall of Administration
500 West Temple Street
Los Angeles, California 90012
Attention: Chief Executive Officer
Emergency Maintenance Notice Only: to the email address of the County operations budget analyst then assigned to The Music Center, with copy to contractsunit@ceo.lacounty.gov

with a copy to:

County of Los Angeles
648 Hall of Administration
500 West Temple Street
Los Angeles, California 90012
Attention: County Counsel
Emergency Maintenance Notice Only: to the email address of the County Counsel then serving, with a copy to the attorney within the Office of the County Counsel then assigned to The Music Center, if known

If to Operator:

Performing Arts Center of Los Angeles County
135 North Grand Avenue
Los Angeles, California 90012
Attention: Executive Vice President/Chief Operating Officer

(b) All approvals, waivers, consents and actions of County required pursuant to this Amended Lease may be given or taken by the County CEO on behalf of County, and shall be deemed binding upon County except that said County CEO shall have no authority to amend, modify or terminate this Amended Lease without the approval of the Board of Supervisors of County, except as otherwise expressly provided in Section 6(i) hereof.

Section 13. Operating Memoranda.

It is recognized that the operation and maintenance of The Music Center will require a close degree of cooperation between Operator and County. It is further realized that experience will demonstrate changes that will be required in the methods of accomplishing these purposes and a certain degree of flexibility will be required; and that it is to preserve such flexibility that certain items have been covered in this Amended Lease in general terms only with the understanding that details may be set forth in operating memoranda to be entered into from time to time between Operator and County to supplement this Amended Lease. Each operating memorandum shall be approved in writing by the authorized representatives of Operator and County and may be changed and amended from time to time. County's CEO is hereby authorized to approve and execute such memoranda on behalf of the County Board of Supervisors.

Section 14. Miscellaneous.

(a) The paragraph or section headings contained herein are inserted herein only for convenience and are in no way to be construed as part of this Amended Lease, or as indicative of the meaning of the provisions of this Amended Lease or the intention of the parties, or as a limitation in the scope of the particular Articles or Sections to which they refer.

(b) The parties acknowledge that this Amended Lease supersedes, amends and restates the Original Sublease (together with all Prior Amendments thereto) in its entirety, and such Original Sublease (together with all Prior Amendments thereto) is no longer in force or effect, except as and to the extent set forth in Section 9(k) above; provided, that this Amended Lease shall not act as a release or waiver of liability (including indemnification obligations) of any party arising under the Original Sublease (together with all Prior Amendments thereto) prior to the Effective Date.

(c) If any section, subsection, sentence, clause or phrase of this Amended Lease, or the application thereof, to either party, or any other person or circumstance is for any reason held invalid, it shall be deemed severable and the validity of the remainder

of the this Amended Lease or the application of such provision to the other party, or to any person or circumstance shall not be affected thereby.

(d) County covenants and agrees that upon Operator's timely performing and observing all of the covenants and provisions of this Amended Lease on Operator's part to be performed and observed, Operator shall peaceably and quietly enjoy The Music Center without disturbance by anyone (subject to the terms and conditions of this Amended Lease and all requirements of law and all matters of record). Subject to the preceding sentence, County makes no warranty whatsoever with respect to title to The Music Center.

(e) Subject to the conditions set forth in this Amended Lease, the performance of either party's non-monetary obligations hereunder shall not be deemed to be in default where delays are due to Force Majeure Events. The party claiming any such Force Majeure Event shall promptly notify the other party of the occurrence of such delay. Any extension of time for any Force Majeure Event shall be given only for the period of time commencing upon the date that such Force Majeure Event actually prevents the obligated party from performing its obligations hereunder, and ending when such Force Majeure Event ceases to prevent the obligated party from performing its obligations hereunder. Each party agrees to use reasonable efforts to minimize any such period of Force Majeure Event.

(f) This Amended Lease shall be governed exclusively by the provisions hereof and by the internal laws of the State of California. All rights, powers and remedies provided herein may be exercised only to the extent that the exercise thereof does not violate any applicable law, and are intended to be limited to the extent necessary so that they will not render this Amended Lease invalid, unenforceable or unrecoverable under any applicable law.

(g) This Amended Lease sets forth all of the agreements, conditions and understandings between County and Operator relating to the leasing of The Music Center by Operator, and the maintenance and operation of The Music Center, and there are no promises, agreements, conditions, understandings, warranties or representations, oral or written, expressed or implied, between the parties regarding the subject matter of this Amended Lease other than as set forth or referred to herein.

(h) No statement, action or agreement hereafter made shall be effective to amend, waive, modify, discharge, terminate or effect an abandonment of this Amended Lease in whole or in part unless such agreement is in writing and signed by the party against whom such amendment, waiver, modification, discharge, termination or abandonment is sought to be enforced.

(i) Except as specifically set forth herein, the covenants and agreements herein contained shall be binding upon and inure to the benefit of the parties and their respective successors and permitted assigns.

(j) The parties agree that each party and its counsel have reviewed and revised this Amended Lease and that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in the interpretation of this Amended Lease or any amendments or exhibits hereto.

(k) Nothing in this Amended Lease shall be deemed to create a partnership or joint venture between the parties or to render either party liable in any manner for the debts or obligations of the other.

(l) No member, official or employee of either party shall be personally liable to any other party, or any successor in interest, in the event of any default or breach by Operator or County or for the performance of any obligation or payment which shall become due or owing hereunder.

(m) No failure by either party to insist upon the strict performance of any term hereof or to exercise any right, power or remedy consequent upon a breach thereof, shall constitute a waiver of any such breach or of any such term. No waiver of any breach shall affect or alter this Amended Lease, which shall continue in full force and effect, or the respective rights of either party with respect to any other then existing or subsequent breach.

Section 15. **Defaults and Remedies.**

(a) **Operator Defaults.** The following shall constitute events of default hereunder by Operator and a breach of this Amended Lease (each of which is referred to herein as an “**Operator Event of Default**”):

(1) Operator’s assignment of its interest under this Amended Lease (or any portion thereof) in contravention of Section 11 above;

(2) Operator’s failure to obtain or maintain any of the insurance coverage required to be maintained pursuant to Section 5(i)(2), and shall fail to obtain such insurance within fifteen (15) business days after Operator’s receipt of written notice from County, which notice must specifically state that if Operator shall not procure such insurance coverage within fifteen (15) business days after Operator’s receipt of such notice, then County may procure such insurance coverage on Operator’s behalf;

(3) Operator’s failure to perform or comply with any of the agreements, terms, covenants or conditions hereof on Operator’s part to be performed or complied with hereunder and such non-performance or noncompliance shall continue for a period of sixty (60) days after Operator’s receipt of written notice from County or, if such performance cannot reasonably be completed within such sixty (60) day period, then, subject to Force Majeure Events, Operator shall not have commenced such performance in good faith within such sixty (60) day period or shall not diligently and continuously proceed therewith to completion of such performance within a reasonable period after its receipt of the aforementioned written notice.

(b) **County's Remedies.**

(1) **Termination.** Upon the occurrence of an Operator Event of Default, and at any time thereafter until Operator shall have cured such Operator Event of Default, then County shall have the right to terminate this Amended Lease and Operator's right to possession of The Music Center by giving written notice of such termination to Operator, which notice shall specify the Operator Event of Default claimed and the date for termination, and upon such date this Amended Lease and Operator's leasehold estate and right to possession of The Music Center under this Amended Lease shall terminate, as if the date of termination were the expiration date of the term of this Amended Lease. After such termination of this Amended Lease, County may remove in accordance with applicable law any or all persons in possession of The Music Center, and take possession thereof.

(2) **Passage of Title to County.** If this Amended Lease shall be terminated as provided above, all of the right, title, estate and interest of Operator in and to (a) The Music Center, including, without limitation, the Improvements and any alterations thereto, (b) all insurance policies (except blanket policies) with respect to the Improvements, and all proceeds thereof, and (c) subject to Section 3(a), all personal property located at and/or used in connection with The Music Center, except for Operator's Equipment, shall automatically pass to, vest in and belong to County without further action on the part of either party, free of any claim thereto by Operator. Nothing in clause (a) of the previous sentence is intended to in any way modify or limit Section 3(a) above.

(3) **Right to Cure.** Subject to any applicable conditions and limitations set forth elsewhere in this Amended Lease, at any time that an Operator Event of Default shall have occurred and be continuing, County may, if it so desires in County's sole and absolute discretion and without any obligation whatsoever to do so, perform or cause to be performed any of Operator's unperformed obligations hereunder. County may enter The Music Center for the purpose of correcting or remedying any default and remain therein until such Operator Event of Default has been corrected or remedied, but such performance by County shall not be deemed either to waive or release any Operator Event of Default or the right of County to take any action provided herein in the case of such Operator Event of Default. The amount of any cost, expense or expenditure incurred by County in connection therewith together with interest thereon from the date paid by County shall be payable by Operator to County on demand from funds other than County Funds. No such action by County shall terminate this Amended Lease or Operator's right to possession.

(4) **Suit for Damages.** At any time that an Operator Event of Default shall have occurred and be continuing, or at any time after termination of this Amended Lease pursuant to Section 15(b)(1) above, County may sue to recover from Operator any and all damages necessary to compensate County for the detriment proximately caused by Operator's failure to perform its obligations

under this Amended Lease, including, but not limited to, (a) all amounts payable hereunder which are due, owing and unpaid by Operator to County at the time any such suit is brought, and (b) in the case of termination, such costs and expenses as County may incur in recovering possession of The Music Center, removing persons or property therefrom, and in connection with the appointment of and the performance by a receiver to protect The Music Center. Suit or suits for the recovery of any deficiency or damages may be brought by County from time to time at County's election.

(5) **Remedies Cumulative.** In the event of a breach of this Amended Lease by Operator, County shall have the right of injunction to restrain the same and the right to invoke any remedy allowed by law or in equity, as if specific remedies, indemnity or reimbursement were not herein provided. The provision in this Amended Lease for any remedy shall not preclude County from any other remedy at law or in equity, and the rights and remedies given to County in this Amended Lease are distinct, separate and cumulative, and no one of them, whether or not exercised by County, shall be deemed to be in exclusion of any other right or remedy provided herein, by law or equity, or pursuant to any other agreement between County and Operator.

(c) **County Defaults.** It shall constitute an event of default hereunder by County and a breach of this Amended Lease (a "**County Event of Default**") if County shall fail to perform or comply with any of the agreements, terms, covenants or conditions hereof on County's part to be performed or complied with hereunder and such non-performance or noncompliance shall continue for a period of sixty (60) days after County's receipt of written notice from Operator or, if such performance cannot reasonably be completed within such sixty (60) day period, then, subject to Force Majeure Events, County shall not have commenced such performance in good faith within such sixty (60) day period or shall not diligently and continuously proceed therewith to completion of such performance within a reasonable period after its receipt of the aforementioned written notice.

(d) **Operator's Remedies.**

(1) **Termination.** At any time that a County Event of Default shall have occurred and be continuing, Operator shall have the right to terminate this Amended Lease by giving written notice of such termination to County, which notice shall specify the County Event of Default claimed and the date for termination, and upon such date this Amended Lease and Operator's leasehold estate and right to possession of The Music Center under this Amended Lease shall terminate, as if the date of termination were the expiration date of the term of this Amended Lease.

(2) **Right to Cure.** Subject to any applicable conditions and limitations set forth elsewhere in this Amended Lease, at any time that a County Event of Default shall have occurred and be continuing, Operator may, if it so desires in Operator's sole and absolute discretion and without any obligations

whatsoever to do so, perform or cause to be performed any of County's unperformed obligations hereunder. Such performance by Operator shall not be deemed either to waive or release or excuse any County Event of Default or the right of Operator to take any action provided herein or permitted by law in the case of such County Event of Default. The amount of any cost, expense or expenditure incurred by Operator in connection therewith together with interest thereon from the date paid by Operator shall be payable by County to Operator on demand. No such action by Operator shall terminate this Amended Lease or Operator's right to possession hereunder.

(3) **Suit for Damages.** At any time that any County Event of Default shall have occurred and be continuing, or at any time after termination of this Amended Lease pursuant to Section 15(d)(1) above, Operator may sue to recover from County any and all damages necessary to compensate Operator for the detriment proximately caused by County's failure to perform its obligations under this Amended Lease, including, without limitation, all amounts payable hereunder which are due, owing and unpaid by County to Operator at the time any such suit is brought, including, without limitation, recovering the cost incurred by Operator of performing County's obligations in default hereunder. Suit or suits for the recovery of any deficiency or damages may be brought by Operator from time to time at Operator's election.

(4) **Remedies Cumulative.** At any time that a County Event of Default shall have occurred and be continuing, Operator shall have the right of injunction to restrain the same and the right to invoke any remedy allowed by law or in equity, as if specific remedies, indemnity or reimbursement were not herein provided. The provision in this Amended Lease for any remedy shall not preclude Operator from exercising any other remedy at law or in equity upon the occurrence of a County Event of Default hereunder, and the rights and remedies given to Operator in this Amended Lease are distinct, separate and cumulative, and no one of them, whether or not exercised by Operator, shall be deemed to be in exclusion of any other right or remedy provided herein, by law or equity, or pursuant to any other agreement between Operator and County.

Section 16. **Dispute Resolution.**

(a) **Delegates.** In the event any dispute arises between Operator and County in connection with their respective obligations hereunder, the notifying party shall provide written notice to the other party of its intent to invoke this Section 16(a) to resolve the dispute and containing a brief statement of the issues concerning the dispute, a brief statement of that party's factual and legal contentions relating to the dispute and any amount claimed. Within ten (10) days after receipt of such written notice, each of County's CEO and Operator shall appoint two designated representatives (the "**Delegates**") knowledgeable in the area of the dispute to meet for the purpose of resolving the dispute. The Delegates will meet as soon as reasonably practicable after their appointment as Delegates and negotiations shall continue until the earliest of the date that (i) the dispute is resolved, (ii) either party notifies the other party that

negotiations will not result in a mutually acceptable resolution and the dispute shall be submitted to mediation in accordance with clause (b) below, or (iii) is forty-five (45) days after the date on which the Delegates first meet, or such time as the parties may otherwise agree.

(b) **Mediation.** In the event the dispute is not resolved under Section 16(a), the parties agree that the dispute shall be submitted to the Los Angeles, California Resolution Center of JAMS or other similar alternative dispute resolution organization mutually agreed upon by the parties (the “**Mediator**”) for mediation by no later than fifteen (15) days after the parties fail to reach a mutually acceptable resolution described in clause (ii) of Section 16(a) above or the end of the forty-five (45) day period described in clause (iii) of Section 16(a) above. The parties will cooperate with the Mediator and one another in selecting a mediator from the Mediator’s panel of neutrals within fifteen (15) days after submission of the dispute to the Mediator. If the parties are unable to reach a mutual agreement with respect to such mediator, then the Mediator shall appoint a mediator who shall be a retired or former California Superior Court or Federal court judge residing in the Los Angeles, California area. The parties covenant that they will participate in the mediation in good faith, and that they will share equally in its costs. The parties further agree that each party will bear its own attorneys’ fees and costs for the mediation.

(c) **Litigation.** If the parties fail to resolve such dispute by mediation within forty-five (45) days, or as otherwise agreed by the parties, after appointment of the mediator, either party may commence a civil action in the Los Angeles County Superior Court and if there is such an action, the prevailing party is entitled to its reasonable attorneys’ fees and costs, unless the parties agree otherwise.

(d) **Courts.** Notwithstanding any term or provision to the contrary contained in this Section 16, the parties have recourse at any time to the federal and state courts of California solely for the purpose of obtaining any interim equitable relief (including a preliminary injunction or temporary restraining order) as permitted by the laws of the State of California.

Section 17. **Non-Profit Covenant.** At all times during the term of this Amended Lease, Operator shall be and remain qualified as a 501(c)(3) Organization. Operator’s breach of the foregoing covenant shall constitute a material default under this Amended Lease.

Section 18. **Interest Rate.** In each case where a provision of this Amended Lease requires the payment of interest from one party to the other, such interest shall accrue at a rate equal to the rate announced by Citibank, N.A. from time to time as its prime rate or, in the event that Citibank, N.A. shall cease to announce a prime rate, then the average prime rate of the three largest domestic United States banks (measured by total assets) then announcing a prime rate.

Section 19. **Accessibility Disclosures.** In compliance with its disclosure obligations under Section 1938 of the California Civil Code, County hereby notifies Operator that, as of the Effective Date, The Music Center has not been inspected by a Certified Access Specialist (“**CASp**”). As such, County hereby advises Operator as follows:

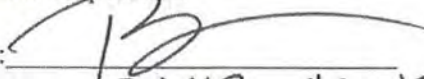
“A Certified Access Specialist (CASP) can inspect the subject premises and determine whether the subject premises comply with all of the applicable construction-related accessibility standards under state law. Although state law does not require a CASp inspection of the subject premises, the commercial property owner or lessor may not prohibit the lessee or tenant from obtaining a CASp inspection of the subject premises for the occupancy or potential occupancy of the lessee or tenant, if requested by the lessee or tenant. The parties shall mutually agree on the arrangements for the time and manner of the CASp inspection, the payment of the fee for the CASp inspection, and the cost of making any repairs necessary to correct violations of construction-related accessibility standards within the premises.”

* * * *

IN WITNESS WHEREOF, the parties hereto have executed this Amended and Restated Music Center Operating Lease as of the date first written above.

OPERATOR:

**PERFORMING ARTS CENTER
OF LOS ANGELES COUNTY,**
a California non-profit public
benefit corporation

By: 
Name: RACHEL MOUKE
Title: President & CEO

COUNTY:

COUNTY OF LOS ANGELES,
a body corporate and politic
of the State of California

By: _____
Sachi A. Hamai,
Chief Execution Officer

ATTEST:

LORI GLASGOW
Executive Officer

By: _____

APPROVED AS TO FORM:

MARY C. WICKHAM
County Counsel

By: _____
Principal Deputy

APPENDIX I

DEFINITIONS

"501(c)(3) Organization" means an organization that (a) meets the requirements of Section 145 of the Internal Revenue Code of 1986, as amended, and (b) is operating in reliance on a determination letter from the Internal Revenue Service (which has not been revoked or withdrawn) recognizing such organization's tax exempt status under Section 501(c)(3) of the Internal Revenue Code.

"County CEO" means the Chief Executive Officer of County or a designee.

"County Funds" means funds received by Operator from County pursuant to Section 9 or other direct payments made by County to Operator in connection with this Amended Lease.

"Force Majeure Events" means war; insurrection; strikes; lock-outs; riots; floods; earthquakes; fires; casualties; acts of God; terrorist acts or other acts of the public enemy; epidemics; quarantine restrictions; freight embargoes; unusually severe weather; unforeseeable periods of civil unrest; periods of national mourning; unforeseeable or unusual inability to secure necessary labor, materials or tools; acts or omissions of the other party in breach of its obligations under this Amended Lease; acts or failure to act of County or any other public or governmental agency or entity (other than County acting in its capacity as landlord) or any other causes beyond the control or without the fault of the party claiming an extension of time to perform or excuse from performance.

"Operations Revenue" means (i) County Funds, (ii) gross revenue generated by Operations, (iii) gross revenue generated by any contract for any food or beverage concession, (iv) gross revenue generated from rent or other fees for the use or occupancy of facilities or space constituting The Music Center or Walt Disney Concert Hall, and (v) the Facility User's Fee.

"Operations" means, collectively, Operator's various obligations under Sections 5 and 6 of this Amended Lease as carried-out by the Departments set forth in **Exhibit B**, as well as Operator's production, booking and scheduling and catering operations, but specifically excludes any Programming.

"Programming" means Operator's presentation of artistic performances and other events and Operator's provision of arts educational programs, and administration, development and marketing for such performances, events and programs.

"Resident Companies" means the entities which have entered into subleases or licensee agreements with Operator having a term of one year or more for the purpose of presenting performances at the Premises or at one or more of the other venues at The Music Center. As of the Effective Date, the Resident Companies consist of Center Theater Group, Los Angeles Opera Company, Los Angeles Master Chorale, and Los Angeles Philharmonic Association.

EXHIBIT A

PRIOR AMENDMENTS

1. Operating Sublease Amendment No. 1 to Operating Agreement dated as of November 14, 1967 by and between County and Operator, as successor by merger to Music Center Operating Company.
2. Operating Memorandum Re Maintenance, Repair and Replacement dated as of August 24, 1972 by and between County and Operator, as successor by merger to Music Center Operating Company.
3. LA County Chief Administrative Office Executive Summary dated November 16, 1992 Re Agreement to Assign Provision of Custodial and Usher Services to The Music Center Operating Company; and LA County Chief Administrative Office Approval Letter dated November 16, 1992.
4. Agreement dated November 24, 1992 by and between County and Operator, as successor by merger to Music Center Operating Company.
5. Agreement dated May 12, 1992 by and between County and Operator, as successor by merger to Music Center Operating Company, regarding security services at The Music Center.
6. Amendment No. 1 to Agreement dated November 24, 1992 by and between County and Operator, as successor by merger to Music Center Operating Company.
7. LA County Chief Administrative Office Executive Summary dated September 7, 1993 Re Amendments to Agreements with The Music Center Operating Company – Lease Expiration Date and Facility Maintenance Services; LA County Chief Administrative Office Approval Letter dated September 7, 1993.
8. Amendment No. 1 to Agreement, dated as of September 21, 1993, by and between County and Operator, as successor by merger to Music Center Operating Company.
9. Letter agreement dated May 2, 1994 by and between County and Operator, as successor by merger to Music Center Operating Company.
10. Operating Services Agreement as of December 23, 1996 by and by and between County and Operator, as successor by merger to Music Center Operating Company.
11. Amendment No. 3 to the Operating Sublease for The Music Center of Los Angeles County, dated as of February 18, 2014, by and between County and Operator.

EXHIBIT B
DEPARTMENTS

1. Building Maintenance
2. Custodial
3. Grounds Maintenance
4. Usher Services
5. Security Services and Safety
6. First Aid
7. Operations Management
8. Insurance

EXHIBIT C
PERMITTED EXPENDITURES

Expenditure	Example Description²
Audio Tour Fees	Fees paid for audio devices for WDCH tours
Auto Leasing & Maintenance	Maintenance on security and engineering carts and vans
Capital Equipment Purchase	For any purchase of equipment over \$1,000, which is The Music Center's threshold for capitalization
Computer Software	Software for desktop computers
Computer Supplies	Toner, monitors, keyboards, etc.
Conference & Registration Fees	Training conference fees for security, safety, and engineering employees
Consultants & Contract Labor	Professional fees and expenses for consultants & contract labor
Depreciation	Depreciation of copy machines and computers used in operations departments
Employee Parking	Company-paid portion of employee parking
Employee Training	Training expense for employees
Equipment Rental	Rental of office or other equipment
Insurance	Property and liability insurance
Interest expense	Interest expense on capital leases of copy machines used in operations departments
Leasing	Lease expense for pagers
Maintenance	Maintenance and repair of buildings and equipment
Memberships & Dues	Dues paid to organizations such as Disaster Recovery Institute, for example
Office Stationery and Supplies	Office stationery, pencils, folders, etc.
Operational Employee Matters	Legal fees and settlement costs for operations employee matters
Other Office Expense	Fees paid to ABI for timekeeping system for Security and Ushers, for example
Outside Print and Graphic Services	Outside printing of blueprints, forms, etc.
Outside Vendor Supplies	Supplies other than office supplies and small equipment purchases less than \$1,000
Permits, Inspections & Licenses	Examples include fees paid to Fire Prevention Bureau, Department of Toxic Substances, etc.

² All descriptions are provided by way of example only and will not be construed to limit the scope of any expenditure category.

Expenditure	Example Description²
Postage & Shipping	Postage, UPS, FedEx, etc.
Safety Expense	First aid kits, defibrillators, safety glasses, etc.
Salaries and Benefits	Full- and part-time salaries and benefits
Subscriptions & Periodicals	Online subscription to MSDS to monitor listed chemicals, for example
Taxes	Tax on copier leases
Telephone	Long distance/toll calls, line and equipment charges, telephone purchases
Temporary Help	Fees paid for temporary employees
Textbooks & Other Materials	Mandatory DOL posters, for example
Travel	Travel expenses to training conferences for security, safety, and engineering departments
Uniforms	Uniforms for ushers, security, building engineering

EXHIBIT D
FORM OF COMPLIANCE CERTIFICATE

[Music Center Letterhead]

[County of Los Angeles Address]

Capitalized terms not defined in this Certificate have the meanings set forth in that certain Amended and Restated Music Center Operating Lease, dated as of December __, 2017.

The undersigned hereby certifies that:

(1) He/She is the duly elected [Chief Financial Officer] of Performing Arts Center of Los Angeles County, a California non-profit public benefit corporation ("PACLAC");

(2) He/She has made, or has caused to be made under his/her supervision, a review of the expenditures by PACLAC of Operations Revenue during fiscal year 20[];

(3) Based on the review described in Paragraph (2) above, to his/her knowledge, Operations Revenue were, in all material respects, used only for expenditures permitted under PACLAC's agreements with the County of Los Angeles relating to the use of such Operations Revenue during fiscal year 20[]; and

(4) **Schedule 1** attached hereto sets forth the detail of expenditures of (a) Operations Revenue, generally, and (b) specifically, County Funds by department (Departmental Report), for fiscal year 20[] based on the review described in Paragraph (2) above.

This Certificate, together with the summary set forth in Schedule 1 hereto, are made and delivered this ____ day of _____, 20[].

By: _____

Name:

Title:

Exhibit D-1

SCHEDULE 1
Summary of Expenditures of County Funds

Exhibit D-2

EXHIBIT E
RULES AND REGULATIONS

1. No cameras are allowed in the theatres.
2. Food and/or drinks can be enjoyed in the lobby areas of the theaters. We kindly ask that patrons not bring these items into theater auditoriums.
3. There is no standard dress code, however, shirts and shoes are required. We recommend dress attire anywhere from business casual to formal, depending on the performance or event that you are attending.
4. One ticket per entry is allowed at The Music Center's garages. Entering and exiting parking garages with one parking ticket is not allowed.
5. Photography at The Music Center is limited to the exteriors of the theaters. Only hand-held still and video cameras are allowed. Please, no tripods.
6. The following are strictly prohibited at The Music Center:
 - a. Alcoholic Beverages outside the lobby, restaurant and plaza areas, narcotics, or illegal drugs
 - b. Damage to property
 - c. Firearms or weapons
 - d. Littering
 - e. Public intoxication
 - f. Rollerblading
 - g. Skateboarding
 - h. Smoking, other than in designated smoking areas
 - i. Unauthorized driving or parking
 - j. Unauthorized vending
 - k. Animals outside the plaza area, other than service animals

EXHIBIT F

CONCESSIONS AND RESTAURANT CONTRACTS

Restaurant, Food and Beverage Service and Catering License Agreement, dated as of September 16, 2002, by and between Operator and RA Music, Inc., as amended by First Amendment to Restaurant, Food and Beverage Service and Catering License Agreement, dated as of November 1, 2003, by and between Operator and RA Music, LLC as assignee of RA Music, Inc.

EXHIBIT G

[INTENTIONALLY OMITTED]

Exhibit G-1

EXHIBIT H

EXISTING NAMING RIGHTS

Donor	Architectural Element	Location
Ahmanson Foundation	Ahmanson Theatre	Ahmanson Theatre
Judy and Tom Beckmen	Founders Room	Ahmanson Theatre
Steve and Anne Hinchliffe	Founders Room	Ahmanson Theatre
John and Joan Hotchkis	Founders Room	Ahmanson Theatre
Merle and Peter Mullin	Founders Room	Ahmanson Theatre
Larry and Lee Ramer	Founders Room	Ahmanson Theatre
Various Donors	Theatre seats	Ahmanson Theatre
Ahmanson Foundation	Rehearsal Room	DeLisa Building
Brindell Gottlieb	Music Center Annex	DeLisa Building
Vicki King	Staff Lounge	DeLisa Building
Bill and Elyn Lindsay	Staff Offices	DeLisa Building
Meyer Luskin	Artistic Director's Office	DeLisa Building
Tom Safran	Managing Director's Office	DeLisa Building
Friars Club/Marilyn Stambler	Director of Education's office	DeLisa Building
Bonnie Vitti	Staff Offices	DeLisa Building
Various Donors in honor of Gordon Davidson	Rehearsal Room	DeLisa Building
Mahlon Arnett	Conference Room	Dorothy Chandler Pavilion
Asa Call	Conference Room	Dorothy Chandler Pavilion
Harriet and Norman Beck	Green Room	Dorothy Chandler Pavilion
Dorothy Chandler	Dorothy Chandler Pavilion	Dorothy Chandler Pavilion
Contessa Cohn	Dressing Room	Dorothy Chandler Pavilion
Lloyd Rigler and Lawrence Deutsch	Conference Room	Dorothy Chandler Pavilion
John Green	Dressing Room	Dorothy Chandler Pavilion
Dona and Dwight Kendall	Kendall's Brasserie	Dorothy Chandler Pavilion
Dona and Dwight Kendall	Kendall's Brasserie Board Room	Dorothy Chandler Pavilion
Henry and Grace Salvatori	Banquet Room	Dorothy Chandler Pavilion
Mildred and Sherwood Schwartz	Rehearsal Room #4	Dorothy Chandler Pavilion
Edwin Lester	The Lester Door	Dorothy Chandler Pavilion
Marc and Eva Stern	Grand Hall	Dorothy Chandler Pavilion
Andrea Van de Kamp	Artists Entrance	Dorothy Chandler Pavilion
Various Donors	Theatre seats	Dorothy Chandler Pavilion
Various Donors	Benches	Dorothy Chandler Pavilion
Various Donors	Gold Leaf Pillars	Dorothy Chandler Pavilion

Donor	Architectural Element	Location
AnneMerie Donoghue and Leigh Crawford	Dressing Room #7	Mark Taper Forum
Edgerton Foundation	Box Office	Mark Taper Forum
Kiki and David Gindler	Dressing Room #5	Mark Taper Forum
Patty Glaser and Sam Mudie	Dressing Room #6	Mark Taper Forum
Brindell and Milton Gottlieb	Lobby	Mark Taper Forum
Brindell Gottlieb - In honor of Richard Owens	Stage Door	Mark Taper Forum
Marcia Israel Foundation	Lower Lounge	Mark Taper Forum
Jon and Lillian Lovelace	Stage	Mark Taper Forum
The Kenneth T. and Eileen L. Norris Foundation	Staircase from lobby to second floor	Mark Taper Forum
Marianna Elliott and Alan Oppenheimer	Wardrobe Room	Mark Taper Forum
Joyce Reed Rosenberg	Dressing Room #3	Mark Taper Forum
Thomas L. Safran	Staircase from lobby to lower level lounge	Mark Taper Forum
Branka, Harry and Ellen Sondheim	Elevator	Mark Taper Forum
Eugene and Marilyn Stein	Star Dressing Room #2	Mark Taper Forum
Louise and Barry Taper Family Foundation	Dressing Room #3	Mark Taper Forum
S. Mark Taper Foundation	Mark Taper Forum	Mark Taper Forum
S. Mark Taper Foundation	Auditorium	Mark Taper Forum
Sue Tsao	Dressing Room #9	Mark Taper Forum
Various Donors	Theatre seats	Mark Taper Forum
Robert Abernethy	Restaurant	Plaza
The Blue Ribbon	Garden	Plaza
Merle and Peter Mullin	Wine Bar	Plaza
Ralph M. Parsons Fdn.	Café	Plaza
Lisa Specht	Welcome Center	Plaza
Various Donors	Benches	Plaza
Various Donors	Paving Stones around the Fountain	Plaza
Various Donors	Tree Wells	Plaza

EXHIBIT I

EVENTS

Art installations and exhibits
Award ceremonies
Book readings and signings
Catered events and receptions
Comedy shows
Community outreach programs
Corporate meetings
Concerts
Conferences
Educational activities
Theatrical festivals
Film and photo shoots
Film and television premiers
Fundraisers
Graduations
Inaugurations
Job fairs
Lectures
Memorial services
Movie screenings
Press conferences
Product launches and placement
Religious services
Speaking engagements
Theatrical performances
Trade shows
Live broadcasts of the foregoing events

EXHIBIT J

EXISTING LONG TERM SUBLEASES

1. Amended and Restated Walt Disney Concert Hall Philharmonic Sublease dated January 3, 2007 between Operator and Los Angeles Philharmonic Association.
2. Los Angeles Master Chorale Sublease and License Agreement dated January 3, 2007 between Operator and Los Angeles Master Chorale.
3. Los Angeles Opera Sublease and License Agreement dated July 1, 2006 between Operator and Los Angeles Opera.
4. CTG Sublease and License Agreement dated July 1, 2006 between Operator and Center Theatre Group.

EXHIBIT K

REQUIRED PROVISIONS

For purposes of this Exhibit K, "Licensee" refers to the applicable licensee under the applicable Short Term Sublease and "License" refers to the applicable Short Term Sublease. Any of such required provisions may be made more favorable to County and/or Operator without further consent of County.

- Licensee agrees that no use shall be made of the [applicable premises] (i) which shall be (A) obscene or contrary to that certain Amended and Restated Operating Sublease by and between County and [Operator], dated [____], 2017, as amended from time to time (the "Amended Lease"), or (B) contrary to any law of the United States of America or the State of California, or to any ordinance or regulation of the County, City of Los Angeles, or to any regulation, rule or order of any board or department of these two governmental bodies which shall claim jurisdiction, (ii) for any purpose which is (A) calculated to injure the reputation of the Premises, or of the neighborhood, or (B) of any nature likely to promote or incite civil disturbance, commotion or unrest.
- This License is subject to the terms and restrictions of license agreements, permits, consents and other approvals issued by the City of Los Angeles and County and other government entities.
- This License is subject to and subordinate to the Amended Lease, including any amendments thereto.
- Licensee represents and warrants that Licensee, and any of its officers, directors, employees, performers, volunteers and agents, is fully insured under a policy or policies (cumulative) meeting the "Required Insurance" standards, as set forth on Schedule 1 attached hereto, with an insurer or insurers having an A.M. Best rating of not less than A:VII (and in the event of multiple insurers, each of whom shall meet such standard). Any insurance maintained by the County or [Operator] shall not contribute to any Licensee coverage. Each of Licensee's insurance policies shall include a waiver of subrogation against the County. All liability policies shall name the County as additional insured with respect to any claim or cause of action that may arise out of [the applicable Short Term Sublease].
- Licensee certifies and agrees that all persons employed by it, its affiliates, subsidiaries, or holding companies are and will be treated equally by it without regard to or because of race, religion, ancestry, national origin, disability or sex and in compliance with all anti-discrimination laws of the United States of America and the State of California. Licensee further certifies and agrees that it will deal with its subcontractors, bidders or vendors without regard to or because of race, religion, ancestry, national origin, disability or sex. Licensee shall allow [Operator] access to its records during regular business hours to verify compliance with these provisions when so requested by [Operator].

- Licensee shall indemnify, save and hold harmless County and its agents, employees and officers against any liabilities, losses, damages, claims or expenses, including reasonable attorney's fees (collectively, "Losses") that County and its agents, employees and officers may suffer or incur as a result of (x) any act or omission of Licensee or its representatives, agents, contractors, subcontractors, licensees, lessees, guests, invitees, successors and assigns (collectively, the "Licensee Parties") at, on or about the [applicable premises], or (y) any breach or violation of this License on the part of Licensee or any Licensee Party.
- It is expressly understood and agreed by Licensee, on its behalf and on behalf of the Licensee Parties, that none of Licensor's covenants, undertaking or agreements contained in this License are made or intended as personal covenants, undertaking or agreements by Licensor or any entity which is affiliated with Licensor, its parent or subsidiaries, and/or the County. It is agreed that neither Licensor, nor any entity which is affiliated with Licensor and/or the County (nor any of their respective agents, representatives, employees, contractors, subcontractors, licensees, invitees, successors and assigns) shall be liable for any loss, cost, damage, liability or expense (including, without limitation attorneys' fees) suffered or incurred by Licensee or any Licensee Party in connection with any entry onto the Licensed Premises pursuant to this License or otherwise in connection with the License Purpose.
- This License is personal to Licensee, and Licensee shall not, directly or indirectly, assign, mortgage, pledge, encumber, or otherwise transfer this License (or any interest of Licensee herein), whether by operation of law or otherwise, and shall not permit or suffer the [applicable premises] or any part thereof to be used or occupied by others, without County's prior written consent in each instance, which consent may be granted or denied by County in its sole and absolute discretion. Any assignment, mortgage, pledge, encumbrance or transfer by Licensee in contravention of the provisions of this Section [] shall be void.
- Licensee hereby covenants and agrees that it will not cause or permit any lien (including, without limitation, any mechanic's lien or like liens) or claim for lien to be asserted against the [applicable premises] or any interest therein, whether such lien or claim for lien results from or arises out of any act or omission of Licensee or any Licensee Party or any of their materialmen, or otherwise.
- Licensee acknowledges and agrees that its sole recourse in the event of any breach of this License by Licensor shall be to Licensor, and County shall not be responsible for any act or omission of Licensor.
- Licensee acknowledges and agrees that County is an intended third party beneficiary of [the foregoing provisions in this Exhibit K] and is entitled to enforce such provisions against the Licensee.

EXHIBIT X

BENEFITS

The Operator/sublease/subcontractors shall achieve the following social benefits:

- 1) Maintain ongoing efforts to achieve 30% local hire and 10% targeted worker hire in all construction involving the Music Center. Operator will provide annual reports on meeting these goals.
- 2) Work with the County's Workforce Development, Aging, and Community Services (WDACS)/America's Job Center of California (AJCCs) or designee to create career pathways from WDACS/AJCC's programs for employment at PACLAC or other similar organizations.
- 3) Work with Department of Consumer Affairs and Business (DCBA) and WDACS to identify and connect potential Social Enterprises (SEs) with DCBA to obtain certification and WDACS to obtain services available to support their programs.
- 4) Achieve the County established goals and maintain ongoing efforts to achieve 25% Local Small Business Enterprise (LSBE) participation and 3% Disabled Veteran Business Enterprise (DVBE) participation contracting, procuring, and subleasing. Qualifying contractors, vendors, and lessees must be certified by the County. The County will certify eligible LSBEs and DVBEs through DCBA. Operator will provide annual reports on meeting these goals. It is appropriate for the contractor to exclude contracts to large enterprises in which LSBEs are unlikely to compete, payments to governments, capital expenditures, and benefits payments when calculating overall expenditures that will be used to determine the 25%/3% utilization goals.
- 5) Work with DCBA to help identify potential LSBEs and DVBEs within the contractors/vendors/lessees that meet the qualifications for certification and connect them with DCBA to provide certification services and additional business support as needed.
- 6) Implement Labor agreements for vendors/contractors/lessees for occupation categories where an industry-appropriate union exists (e.g. UNITE HERE for restaurants, SEIU USWW for janitors, IATSE as appropriate, LA/OC Building Trades Council/PLA for construction).
- 7) Provide a semi-annual report to County on the attendance, participation in public events, including demographic profile and residence (e.g. LA County, distance traveled, etc.), in a mutually agreeable format as demonstration of good faith best efforts for community outreach. Community outreach will be supported by outside funds from sources such as private donations and fundraising.

- 8) Participate in the District Task Force, if it is formed, and encourage key tenants to participate as well. County may form or support the formation of a District Task Force for Grand Avenue and Civic Center area to coordinate programming, promote diversity of programs, access, public safety, maintenance, homeless outreach services in the area. Membership of District Taskforce will include key stakeholders, property owners, and cultural institutions in the area.
- 9) Participate in the Jobs Task Force, if it is formed, and encourage key tenants to participate as well. County may form or support the formation of a Hospitality and Tourism Jobs Taskforce to promote Los Angeles's hotel, retail, food and beverage, creative economy and lifestyle sectors. Membership may include Los Angeles Tourism & Convention Board, Los Angeles Fashion Week, Los Angeles Food Policy Council, and Metro or Social Enterprise association.