

**LONG BEACH COMMUNITY COLLEGE  
DISTRICT  
NOTICE OF PREPARATION/  
INITIAL STUDY  
FOR THE 2041 FACILITIES MASTER PLAN  
LIBERAL ARTS CAMPUS IMPROVEMENTS**

*Prepared for:*

**LONG BEACH COMMUNITY COLLEGE DISTRICT**  
4901 East Carson Street  
Long Beach, California 90808

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## **SECTION 1.0 – INTRODUCTION**

### **1.1. PURPOSE OF THE NOTICE OF PREPARATION AND INITIAL STUDY**

The Long Beach Community College District (LBCCD or District) proposes to update the 2020 Unified Master Plan Liberal Arts Campus (LAC) Master Plan as described in the 2041 Facilities Master Plan, Liberal Arts Campus Improvements.

All “projects” within the State of California are required to undergo environmental review to determine the environmental impacts associated with implementation of the project in accordance with the California Environmental Quality Act (CEQA). CEQA was enacted in 1970 by the California Legislature to disclose to decision makers and the public the significant environmental effects of a Proposed Project and identify possible ways to avoid or minimize significant environmental effects of a project by requiring implementation of mitigation measures or recommending feasible alternatives. CEQA applies to all California governmental agencies at all levels, including local, regional and state, as well as boards, commissions, and special districts (such as LBCCD). As such, LBCCD is required to conduct an environmental review to analyze the potential environmental effects associated with the Proposed Project.

The findings in this Initial Study have determined that a Supplemental Environmental Impact Report (SEIR) is the appropriate level of environmental documentation. The Proposed Project could result in potential impacts in aesthetics, air quality, greenhouse gas emissions, noise, and transportation issue areas. These issues areas shall be further addressed in the SEIR.

LBCCD will be the Lead Agency for the CEQA process related to this Proposed Project and for the SEIR that is recommended in this Notice of Preparation (NOP) / Initial Study (IS). The attached IS analyzes the potential for environmental impacts resulting from updates to the 2020 Unified Master Plan, LAC Improvements as described in the 2041 Facilities Master Plan, LAC Improvements.

LBCCD needs to know the views of your agency regarding the scope and content of the environmental information that should be included in the SEIR. The document will be prepared by LBCCD and will include any information necessary for your agency to meet any statutory responsibilities related to the Proposed Project. Your agency will need to use the SEIR when considering any permit or other approvals necessary to implement the project. A preliminary list of the environmental topics identified for study in this SEIR is provided in the IS checklist (Section 4). If the topics of concern to your agency have already been identified for analysis in the IS, your agency need not provide a response to this notice.

The project description, location, and the environmental issues to be addressed in the SEIR are contained in the attached materials.

**Due to the time limits mandated by state law, your comments must be sent to LBCCD at the earliest possible date but not later than 30 days after receipt of this notice. Please send your response to:**

Farzam Fathi  
Long Beach Community College District – Bond Management Team  
4901 E. Carson Street – G21  
Long Beach, CA 90808

Your comments may also be sent via facsimile to (562) 938-5065 or by email to CEQA@lbcc.edu and include "2041 Facilities Master Plan LAC Improvements" in the subject line. Agency responses to the NOP should include the name of a contact person within the commenting agency.

## **1.2. USE OF MASTER PLAN PROGRAM EIR**

LBCCD prepared a Program Environmental Impact Report (PEIR) which provided environmental review for the Long Beach City College (LBCC) LAC Master Plan in accordance with the requirements of CEQA. The objective of the Master Plan is to meet increasing enrollment needs, evolving demands for post-secondary educational institutions, and the needs of the Long Beach community. LBCCD Board of Trustees certified the Program EIR on January 25, 2005. The PEIR provides general analysis and guidance on the Master Plan; project specific analysis is provided in later CEQA documents through a process known as "tiering." LBCCD has utilized the PEIR in the preparation of this IS to determine the appropriate CEQA document needed to evaluate the environmental effects of the project. The PEIR is available for review at the LBCCD Bond Management Team office, Building O1 – First Floor, and LAC Library, Building L, both at the LBCC LAC, located at 4901 E. Carson Street, Long Beach, California 90808.

## **1.3. AVAILABILITY OF THE NOP/IS**

The NOP/IS for the 2041 Facilities Master Plan LAC Improvements project is being distributed through the State Clearinghouse and directly to numerous agencies, organizations, and interested groups and persons for comment during the scoping period. The NOP/IS is also available for review at the following locations:

- LBCCD Bond Management Team office, Building O1 – First Floor, LBCC LAC, 4901 E. Carson Street, Long Beach, California 90808
- LAC Library, Building L, LBCC LAC, 4901 E. Carson Street, Long Beach, California 90808
- Ruth Bach Library located at 4055 N. Bellflower Boulevard, Long Beach, California 90808.

In addition, the NOP/IS is available online at the LBCCD website (<https://www.lbcc.edu/pod/facilities-master-plans>).

## **SECTION 2.0 – PROJECT DESCRIPTION AND ENVIRONMENTAL SETTING**

### **2.1 PROJECT BACKGROUND AND OBJECTIVES**

The LBCCD, founded in 1927, is one of the largest of the 114 California community college districts. The District is comprised of two campuses: the Pacific Coast Campus (PCC) located at 1305 East Pacific Coast Highway, and the Liberal Arts Campus (LAC), the subject of this Supplemental EIR. Together, the campuses currently serve a student population of more than 24,000.

The District's goal as part of the California Community College system is to offer academic and vocational education to students at the lower college division level. In addition, the District's goal is to advance California's economic growth and global competitiveness through education, training, and services that contribute to continuous workforce improvement. Long Beach City College is committed to providing equitable student learning and achievement, academic excellence, and workforce development by delivering high quality educational programs and support services to their diverse communities.

The objective of the 2041 Facilities Master Plan is to provide plans to implement proposed necessary construction, renovation, and general capital improvements at the campus in order to meet the District's goals and to support the District's Strategic Plan. The improvements are intended to create and improve building space to support the LBCCD Strategic Plan and Student Learning Outcomes in all areas.

#### **Location**

The LBCC LAC is located at 4901 East Carson Street in the City of Long Beach (City), California. The City of Long Beach is in the southwestern portion of the Los Angeles County, adjacent to the northern border of Orange County. The LAC is bounded by Harvey Way on the north; Clark Avenue on the east; Skylinks Golf Course on the south; and Faculty Avenue on the west. Figure 2-1 illustrates the City in its regional and local contexts. Figure 2-2 depicts the site on the USGS Long Beach Quadrangle topographic map.

The Proposed Project Site is approximately 3.0 miles west of the Interstate 605 San Gabriel River Freeway, 3.0 miles east of the Interstate 710 Long Beach Freeway, 1.5 miles north of the Interstate 405 San Diego Freeway, and less than one-half mile east of Lakewood Boulevard, State Highway 19. In addition, the Proposed Project Site is located approximately one-third mile northeast of the Long Beach Municipal Airport.

#### **Adjacent Land Uses**

The Proposed Project Site is located along Carson Street between Bellflower and Lakewood Boulevards in the City of Long Beach, California. The campus is within the City of Long Beach General Plan Land Use District No. 10 – Institutions/Schools, and is zoned Institutional (I).

As shown in Figure 2-3, existing land uses surrounding the LAC are single-family residences to the north, single-family residences and parkland to the east; parkland, Long Beach Fire Department Station No. 19, and the Skylinks Golf Course to the south; and large aerospace industrial, automotive and storage facilities to the west.

Figure 2-1 Regional and Local Settings

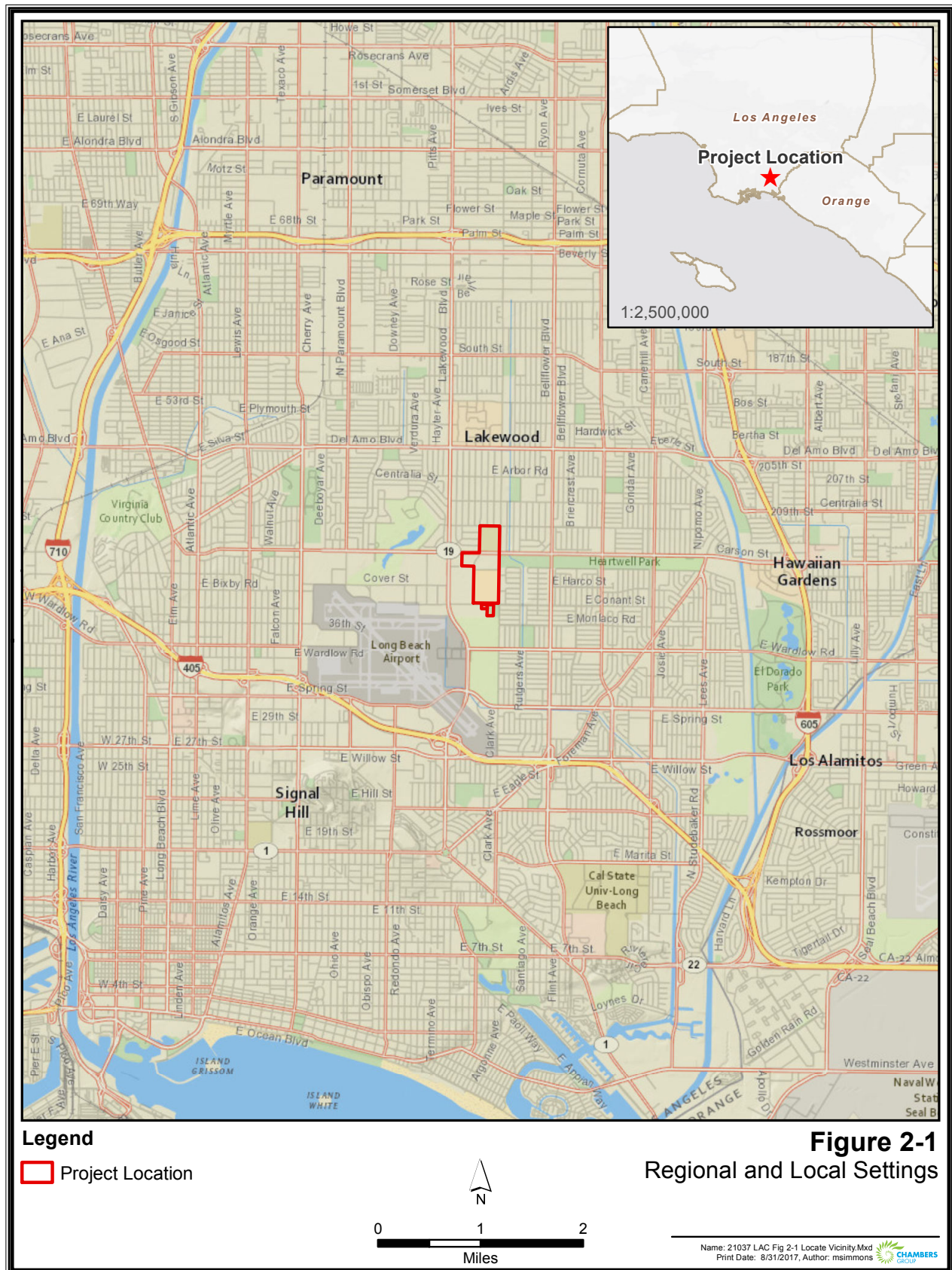




Figure 2-2 USGS Topographic Map

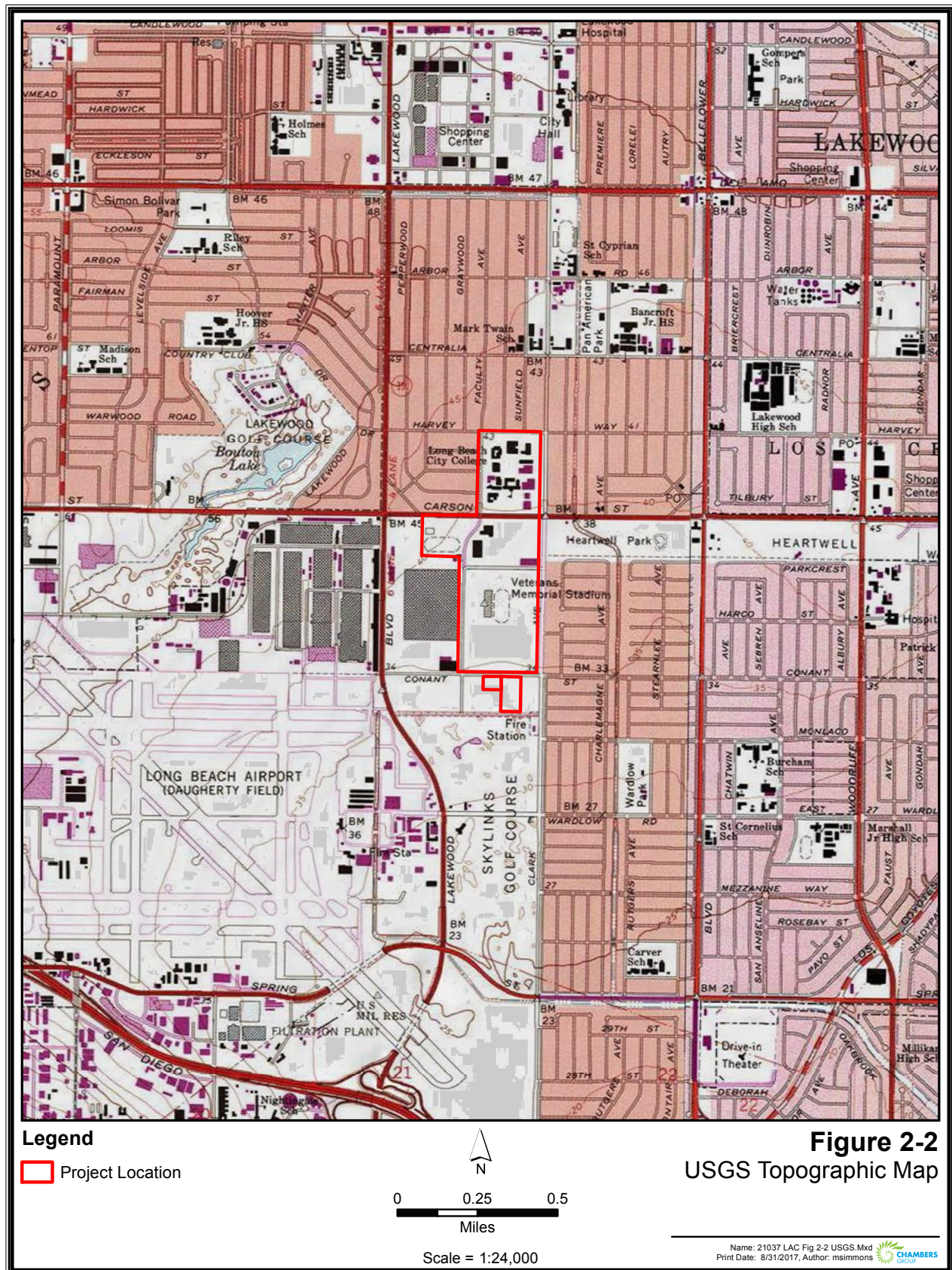
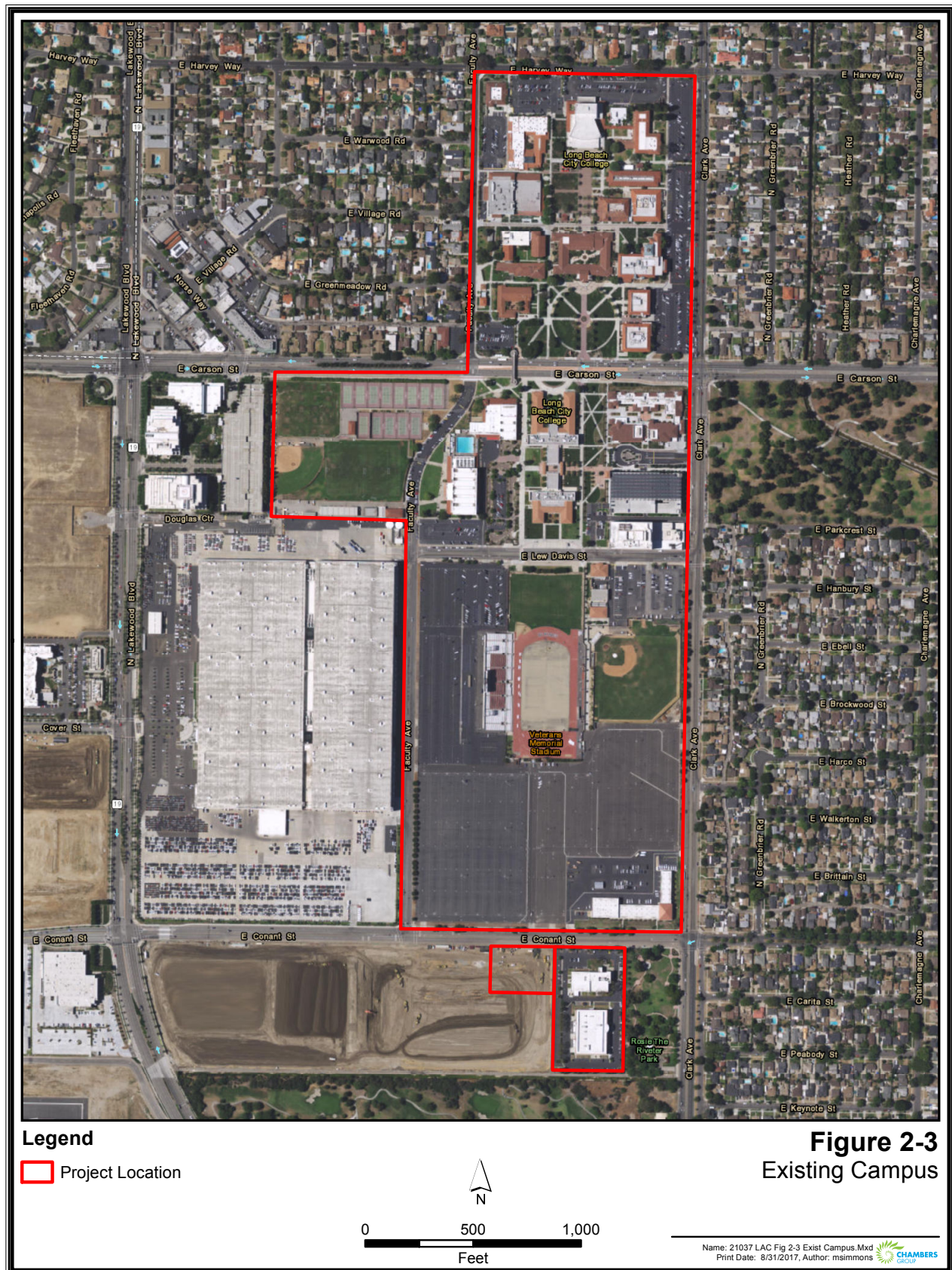




Figure 2-3 Existing Campus and Adjacent Land



## LAC Land Uses

The approximately 112-acre LAC site is improved with 33 buildings constructed between 1935 and 2017 that contain approximately 1,285,337 square feet of gross area. The LAC is transected by Carson Street, and is organized into three general areas: the North Campus, which contains administrative and classroom buildings; the Central Campus, which contains administrative buildings, classroom buildings, and physical education facilities, and the South Campus, which includes the Veterans Memorial Stadium complex, facilities buildings and information technology/bond management team offices. The LAC also includes ancillary structures such as athletic fields, landscaped areas, parking lots, and pedestrian walkways. Table 2-1 provides a building inventory including age of construction, use, and square footage.

**Table 2-1 LAC Existing Building Inventory**

Building Letter	Building Name	Gross Square Footage	Year Built	Last Addition
A	ADMINISTRATION	33,967	1940	2013
B	TECHNICAL	44,357	1971	
C	NURSING HEALTH-TECHNOLOGY	23,250	1969	2016
D	SCIENCE BUILDING	81,132	1973	2000
E	COLLEGE CENTER	50,276	1968	1991
F	FAMILY- CONSUMER STUDIES	15,387	1952	1974
G	MUSIC	20,530	1952	1993
H	THEATER ARTS BLDG	7,262	1980	
I	CAMPUS BOOKSTORE	8,544	1992	2012
J	AUDITORIUM	37,878	1956	
K	ART	29,479	1952	1995
L	LIBRARY LEARNING CENTER	79,053	1958	2009
M	BUSINESS-SOCIAL SCIENCE-FOREIGN LANGUAGE	36,476	1935	1975
N	ENGLISH-JOURNALISM-LANGUAGE ARTS	12,292	1935	1975
O1	INSTRUCTIONAL & INFORMATIONAL TECHNOLOGY SERVICES	26,560	2001	2009
O2	COLLEGE ADVANCEMENT AND ECONOMIC DEVELOPMENT	51,302	2001	2009
P	LANGUAGE ARTS	16,016	1935	1984
PS	PARKING STRUCTURE	295,485	2011	
Q	GYMNASIUM WOMEN	30,270	1952	
R	GYMNASIUM MEN	78,024	1952	1963
S	VETERANS' STADIUM	57,694	1950	1991
	STADIUM PRESS BOX	1,920	1949	

Building Letter	Building Name	Gross Square Footage	Year Built	Last Addition
T	ACADEMIC SERVICES	108,312	2009	
TS	TENNIS STORAGE	200	1960	
	FACILITIES STORAGE	988	1980	
RR	ATHLETIC FIELD HOUSE	1,656	1960	
TW	TW MODULAR	960	2007	
U	GROUND'S SHOP	4,800	1975	
V	MATH-TECHNOLOGY-CULINARY ARTS	73,650	2015	
X	CAMPUS SAFETY/CENTRAL PLANT	9,000	2009	
XT	PHYSICAL EDUCATION OFFICE	2,160	1989	
Y	MAINTENANCE SHOP	7,000	1989	
Z	MAINTENANCE/WAREHOUSE	39,457	2005	

Source: FUSION database 2017

### **2.1.1 LBCC and LAC History**

Long Beach City College, formerly known as Long Beach Junior College (LBJC), celebrated its 90<sup>th</sup> Anniversary in 2017. LBJC opened at Woodrow Wilson High School in September 1927. LBJC was the second two-year college established in the metropolitan area of Los Angeles. LBJC served students not only from Long Beach, but also as far away as Redondo Beach to the north and Laguna Beach to the south. LBJC was offered 25 acres on Carson Street for a new campus in 1933 from the Montana Land Company. The area was then known as “Lakewood Village.” The Montana Land Company donated additional land parcels in 1934. The new campus with a total of 29.844 acres, now referred to as the Liberal Arts Campus, opened in 1935 with Mission architecture with tile roofs, white exterior walls, and patios. Bean, alfalfa, and carrot fields surrounded the new campus on Carson. The first mailing address of the Carson campus was Route No. 1, Clark and Carson Streets. The enrollment in 1935-36 was 1,603 students with 51 full-time faculty members. By 1942-43, the middle of the war years (1941-45), enrollment had climbed to 2,966 students with 56 full-time faculty members. In the postwar expansion period from 1945-52, the College acquired an additional 38.379 acres south of Carson Street.

In response to the postwar increase in enrollment, LBJC also acquired the former Hamilton Junior High School site at Pacific Coast Highway and Alamitos Avenue in 1949 for the newly formed Business and Technology Division of Long Beach City College. This site is now the Pacific Coast Campus of LBCC.

### **2.1.2 2004 Master Plan Elements**

A general obligation bond election (Measure “E”/Proposition 39) was approved in March 2002 for both general and specific improvements at the LBCC at both the PCC and the LAC. The District is undertaking an extensive improvement and building program at the two campuses to meet increasing enrollment needs, evolving demands for post-secondary educational institutions, and the needs of the Long Beach community. Additionally, the District will be using capital improvement funds from the State of California for renovation and new construction projects.



In 2004, the District prepared the LBCC LAC Master Plan to reflect LBCC's projected instructional and programmatic needs for the Liberal Arts Campus. The 2004 LBCC LAC Master Plan outlined capital improvements through 2015 and proposed construction of new buildings, renovation, modernization and additions to existing facilities, demolition of existing buildings, and landscaping enhancements. Improvements are intended to update existing technological and program services to meet increasing needs of students and faculty.

The District prepared a Program Environmental Impact Report (PEIR) to address implementation of the 2004 LBCC LAC Master Plan. The Board of Trustees of the LBCCD certified the Final PEIR for the 2004 LBCC LAC Master Plan, State Clearinghouse No. 2004051060, on January 25, 2005. Since the adoption of the PEIR, two Addendums to the PEIR were completed to address updates to the original project description. The September 2008 Addendum addressed a revision to the location of the parking structure proposed in the PEIR to one of three alternative locations on the LAC campus. This Addendum was approved by the Board of Trustees of the LBCCD on September 23, 2008. The May 2009 Addendum addressed a revision to the renovation/retrofit of Buildings M & N proposed in the PEIR to their replacement with an approximately 49,000 gross square foot building. This Addendum was approved by the Board of Trustees of the LBCCD on May 19, 2009. In addition, an Initial Study/Negative Declaration (IS/ND) was prepared for the acquisition of the property and buildings at 4900 & 4910 E. Conant Street for use by LBCCD as classroom and administrative space. This IS/ND was approved by the Board of Trustees of the LBCCD on November 11, 2008. Table 2-2 presents LAC Master Plan Improvements previously approved under the PEIR, its Addendums, and/or the Final IS/MND for the Conant Street Project.

**Table 2-2 2004 LAC Master Plan Improvements**

<b>Project</b>	<b>Function/Support</b>	<b>Scope (GSF)</b>
Building A Administration/ Student Services	Reuse for Student Services	Retrofit/Renovation – 37,058
Building B Tech Studies	Technical Education Program	Retrofit/Renovation – 44,536
Building C Nursing/Health Technology	Nursing/Health Technology	Retrofit/Renovation – 22,260
Building E College Center	Campus-wide Student Support	Retrofit/Renovation – 50,276
Building F	Replace existing Building F with new Multi-Disciplinary building	New Construction – 15,968
Building G Music Building	Music	Retrofit/Renovation – 27,591
Building H Theater Arts	Drama, Dance	Retrofit/Renovation – 7,262
Building J Auditorium	Performing Arts	Retrofit/Renovation – 28,214
Library/ Learning Resource Center (LRC)	Library/ LRC Functions	Renovation – 73,521 Expansion – 13,384
Liberal Arts Building	Replace existing Buildings M & N with building. Language Arts, Speech	New Construction - 67,948

Project	Function/Support	Scope (GSF)
	Communication, CIS, Construction Education	
Trailers O	Speech relocated to SQC	Demolition/Removal – 5,760
Building O1	ACIT, Bond Management Team, Warehouse	Retrofit/Renovation – 40,892
Building O2	LBCCD Foundation Organization, Economic Resource Development	Retrofit/Renovation – 70,972
Building P Language Arts	Language Arts	Retrofit/Renovation - 16,016
Building Q Secondary Gymnasium	Physical Education	Retrofit/Renovation – 30,270
Building R Primary Gymnasium	Physical Education	Retrofit/Renovation – 77,916
Trailers T	Relocate uses to Liberal Arts Building	Remove – 6,240
Building U	Relocate Grounds Shop to Building Z	Remove – 4,800
Building V	Relocate Human Resources/Purchasing to SQC	Remove – 8,160
Trailers W	Relocate uses to SQC	Remove – 23,167
Building X Campus Police Facility	Campus Safety/ Central Plant/ Physical Education	New Construction – 18,859
Building Y	Relocate Maintenance Shop to Building Z	Remove – 7,000
Building Z Maintenance/ Warehouse	Maintenance Operations/ Warehousing	New Construction - 36,606
South Quad Complex (SQC)	Business, Social Sciences, Child Development, Administration	New Construction – 121,722
Child Development Center	Child Development	New Construction - 15,102
Outdoor Performance Area	Outdoor performance area and seating in Building 3 courtyard	New Construction - 31,250
Pedestrian Promenade	Renovate, widen, and extend Pedestrian Promenade	Retrofit/Renovation - 5,970 linear ft.
Entry Plazas	Pedestrian entry plazas between parking lots and buildings	New Construction - 90,000
Swim Pool Facility	Infrastructure Support	Retrofit/Upgrades – 12,080
Sculpture Garden	Sculpture Garden between Buildings J and K	New Construction 13,727
Landscape Improvements	Campus-wide	Retrofit/Renovation
Circulation Improvements	Campus-wide including closure of Faculty Drive at Carson Street	Retrofit/Renovation
Infrastructure Improvements	Campus-wide	Retrofit/Renovation
Office/ Classroom Buildings (3 Buildings)	Office/ Classroom/ Lab	New Construction – 271,791
Parking Structure	Replace Surface Parking N with 4-story Parking Structure	New Construction – 175,000

(Note: These square footage numbers have been changed from assignable square footage (ASF) to gross square footage (GSF) for purposes of analysis within this Supplemental EIR. Only conversions from ASF to GSF or clarifications in numbers were made here.)

### **2.1.3 2020 Unified Master Plan Elements**

The Measure E Bond Program approved in March 2002 provided a jump start to the District's capital facilities program; however, it was never intended to address all building/facilities needs for the campus. The age of the existing facilities coupled with the need to meet both current and future growth of the academic program of instruction required improvements that go beyond Measure E.

The District addressed this need in 2006 when it requisitioned the Long Beach Community College Resource and Facilities Plan. The Resource and Facilities Plan identified the growth rates vis-à-vis the academic programs of instruction at LAC and PCC. Enrollment and the production of weekly student contact hours (WSCH) were used as the basis for quantifying growth as well as for determining the space needs of the future. The year 2020 was selected as the "target year." Based on the growth rates, the vectors for enrollment and WSCH were determined to intersect with the physical capacity of the two campuses at or about year 2020. Physical capacity was defined as achieving student enrollment of 27,500 and 238,000 WSCH at LAC. At this point in time, the campus will have effectively reached its physical limit for available land area, for parking, and the ability to effectively serve students.

While the 2020 target year is somewhat relative, the enrollment and WSCH benchmarks are not. Enrollment and WSCH projections may be reached prior to the year 2020 or after that point in time. However, when 238,000 WSCH are reached at LAC, the campus will effectively be operating at maximum capacity.

While looking to 2020, LAC's priorities focused on addressing the key areas for academic growth. These included the Life Sciences (Biology), Mathematics, Language Arts, Performing Arts, and Child Development. From the Student Services side of the equation, a comprehensive student center for educational support was a high priority. LAC also addressed its Physical Education facilities. With the exception of cosmetic treatment, these facilities had remained unchanged since the 1940s and 1950s. Additionally, the physical capacity of the outdoor laboratories was understated for the enrollment served, the expansion of the athletics program, and the impacts of the Title IX program. LAC also focused on the renovation of its buildings north of Carson Street. While the structural integrity of the selected buildings to be retained were in good condition, the teaching/learning environments and the technology support offered are outdated for today's methods of instructional delivery. Additionally, these buildings have utility and mechanical systems that have been extended well beyond their intended life span. The provision of parking that is close and usable to the primary academic areas will also be a high priority at LAC.

The District prepared a Supplemental Environmental Impact Report (SEIR) to address implementation of the 2020 Unified Master Plan. The Board of Trustees of the LBCCD certified the Final SEIR for the 2020 Unified Master Plan, State Clearinghouse No. 2004051060, on December 8, 2009. Table 2-3 presents the updates to the Master Plan through eliminated projects. Table 2-4 and Figure 2-4 presents LAC Master Plan Improvements previously approved under the SEIR.

**Table 2-3 Eliminated Master Plan Improvements**

<b>Project</b>	<b>Function/Support</b>	<b>Scope (GSF)</b>
Building E	Campus-wide Student Support	Retrofit/Renovation - 50,276
Building F	Replace existing Building F with	New Construction – 15,968

	new building	
Building G Music Building	Music	Retrofit/Renovation – 27,591
Building H Theater Arts	Drama, Dance	Retrofit/Renovation – 7,262
Office/ Classroom Building	Office/ Classroom/ Lab	New Construction – 271,791
Parking Structure	Replace Surface Parking N with 4-story Parking Structure	New Construction – 175,000

(Note: These square footage numbers have been changed from ASF to GSF for purposes of analysis within this Supplemental EIR. Only conversions from ASF to GSF or clarifications in numbers were made here.)

**Table 2-4 2020 LAC Master Plan Improvements**

<b>Project</b>	<b>Function/Support</b>	<b>Scope (GSF)</b>
Building A	Reuse for Student Services	New Construction – 9,279
Building D Science Building	Renovate bottom floor for Biology	Retrofit/Renovation - 9,326
Building E College Center	Campus-wide Student Support	Renovation – 50,276
Building F	Multi-Disciplinary	Retrofit/Renovation – 15,968
Building I Foundations Building	Conversion to Bookstore. LBCC Foundations Organization moves to Building O2	Retrofit/Renovation – 4,994 Expansion – 4,994
Building K Art Building	Fine Arts	Retrofit/Renovation – 29,479
Building S Stadium Building	Health/ Safety & Fitness/ Wellness	Retrofit/Renovation – 57,455 Expansion – 57,455
Building 1 Math Tech	Math, Culinary Arts, Health, Instructional Support	New Construction - 83,202
Building 3 Performing Arts	Replace existing Buildings G & H. Drama, Dance, Music	New Construction – 46,671 Remove – 27,792
Parking Structure 7	Replace Surface Parking J with 950 space Parking Structure	New Construction - 310,000
MPOE Building	Telecommunications	New Construction – 450
Outdoor Physical Education Labs	Physical Education	Relocation/Reconstruction
Olympic-sized Pool	Physical Education	New Construction – 37,062
Signage Improvements	Campus-wide improvement of directional signage; new electronic informational sign adjacent to Carson Street	New Construction/Renovation
Circulation Improvements	Closure of Faculty Avenue at Lew Davis Drive	Reconstruction
Photovoltaic Projects	LAC buildings will be studied for possible Solar Photovoltaic systems.	New Construction

(Note: These square footage numbers have been changed from ASF to GSF for purposes of analysis within this Supplemental EIR. Only conversions from ASF to GSF or clarifications in numbers were made here.)

The following descriptions identify specific improvements recommended for the 2020 Unified Master Plan LAC Improvements, that were not part of the 2004 LAC Master Plan.

- The bottom floor of Building D will be renovated for Biology.
- Building E, the College Center (Student Center) will be renovated.
- Building F will be renovated for Multi-Disciplinary uses.
- Building I will be renovated and expanded by 4,994 square feet for use as the new Bookstore. The LBCCD Foundation organization will be moved to Building O2, located south of Conant Street.
- Building K, the Fine Arts Building will be renovated.
- A new Math Tech Building (Building 1) will be built on the northwest portion of the existing surface Parking Lot J. This building will support Math, Culinary Arts, Health, and Instructional Support. It would consist of two stories and approximately 83,202 square feet in size.
- A new Performing Arts Building (Building 3) will replace the existing Buildings G and H, consisting of approximately 46,671 square feet.
- The proposed Parking Structure 7 will be built on a portion of surface Parking Lot J, immediately southeast of the proposed Building 1. It would consist of five stories and approximately 310,000 square feet. It would contain approximately 900 parking spaces with a maximum 950 parking spaces. The proposed structure would be accessed from two locations off Clark Street and one location off Lew Davis Street. These entrances would provide vehicle queuing space for eight cars entering and exiting the garage to reduce congestion on Clark Avenue. A solar photovoltaic system will be installed on the roof of the Proposed parking structure to supply electricity to the structure. The Proposed Project will also include secure bicycle parking at ground level for 100 bicycles.
- A new telecommunications building will be built adjacent to Building P. This 400 square feet building will consolidate the telecommunications network, most of which is currently housed in Building N. This will include one or two parking spaces for electronic vehicles.
- An Olympic-sized swimming pool will be constructed between Buildings R and Q. It will include grandstands to accommodate 3,000 people.
- Improvements to directional signage will take place campus-wide. This will include monument, directional, and an electronic information sign adjacent to the north side of Carson Street, midway between Faculty Avenue and Clark Avenue. The electronic information sign will be approximately 22 feet tall and 16 feet wide.
- Closure of Faculty Drive between Lew Davis Street and Carson Street. Convert closed area to athletic field. Possible drop-off zone at Faculty Drive and Lew Davis Street.
- LAC buildings will be studied for possible Solar Photovoltaic systems. The first system will be placed on the roof of the new Parking Structure 7, and others may be added if appropriate

rooftops are identified. Potential candidates include the new Math Tech Building (Building 1) and the new Performing Arts Building (Building 3).



## **2.2 PROJECT DESCRIPTION**

### **2.2.1 2041 Facilities Master Plan LAC Improvements**

Since the 2020 Unified Master Plan, the District prepared the LBCCD 2041 Facilities Master Plan to provide an understanding of the projects envisioned to be constructed in the near future. This Facilities Master Plan breaks down the type and size of each project for both campuses, as well as estimating the probable cost of each project. The 2041 Facilities Master Plan allowed the District to re-evaluate available funds and expanded details of priority projects that the District is working to complete. Enrollment and the production of weekly student contact hours (WSCH) were used as the basis for quantifying growth as well as for determining the space needs of the future. Physical capacity was defined as achieving student enrollment of 28,100 and 349,844 WSCH at LAC. At this point in time, the campus will have effectively reached its physical limit for available land area, for parking, and the ability to effectively serve students.

Looking to the year of 2041, LAC's priorities will lie with addressing the key areas for academic growth. These include the Life Sciences (Biology), Mathematics, Language Arts, Performing Arts, and Construction Trade facilities. From the Student Services side of the equation, an economic and workforce development center is a high priority. LAC will also need to address its Physical Education facilities including a new Aquatic Center, renovation of the stadium and gymnasiums, and outdoor kinesiology labs. Lastly, the provision of parking that is close and usable to the primary academic areas will also be a high priority at LAC.

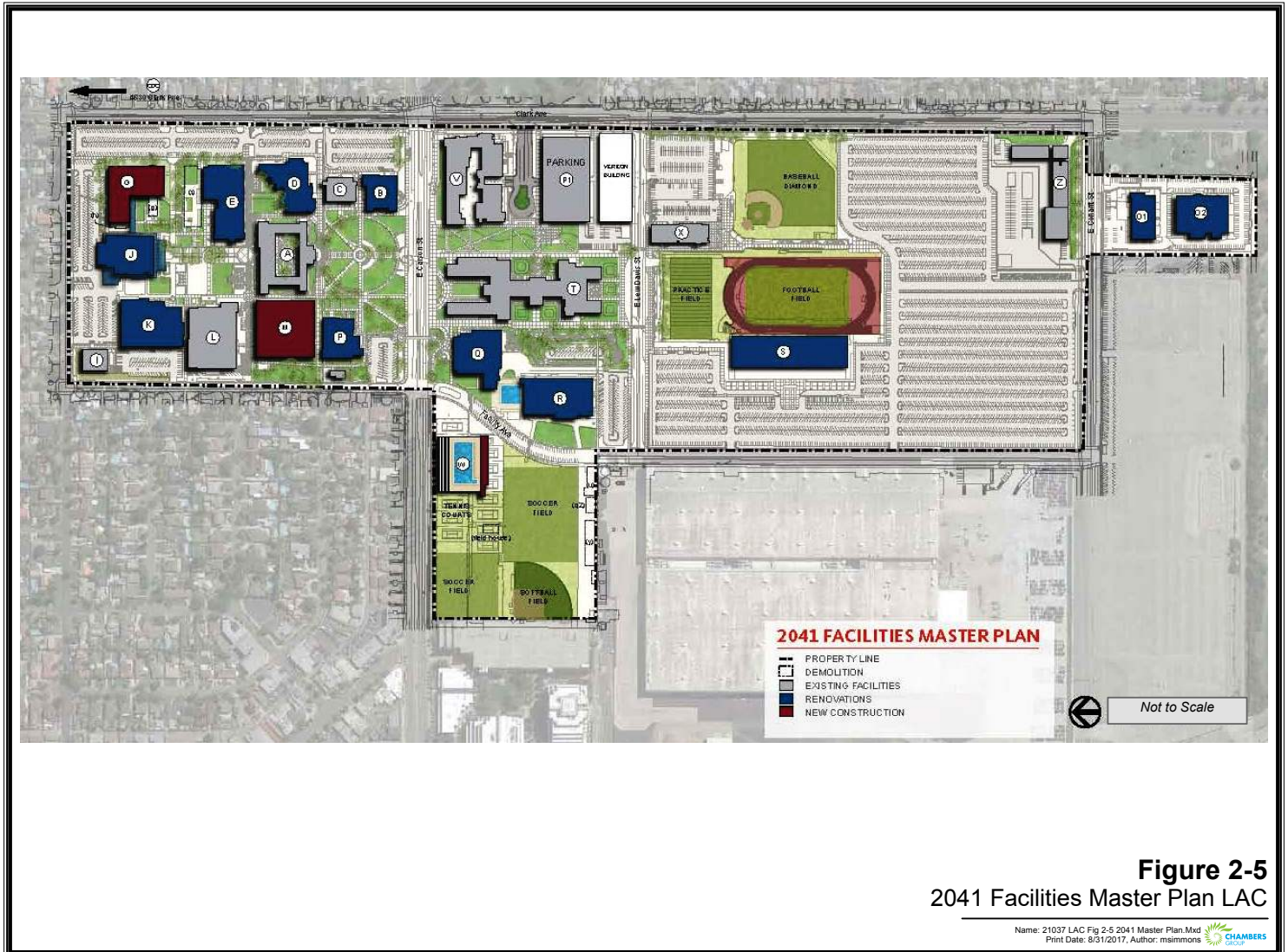
## **2.3 PROJECT DESIGN FEATURES**

### **Master Plan Updates**

The 2041 Facilities Master Plan provides updates to the 2020 Unified Master Plan and provides updated construction dates and budgets for the facilities projects. The projects incorporate the space and building needs identified to the year 2041. Figure 2-5 presents the LBCC 2041 Facilities Master Plan LAC improvements. Table 2-5 presents the updates to the Master Plan through new project details determined since the previous SEIR.



Figure 2-5 LBCC 2041 Facilities Master Plan LAC Improvements



**Table 2-5 Updated 2041 Facilities Master Plan Improvements**

<b>Project</b>	<b>Scope/Usage</b>	<b>Square Feet (GSF)/ Features</b>
Building B Classroom	Renovate Building with electrical upgrades, data and communication, larger lecture halls, better lighting, and additional lab functions	Renovation – 44,357
Building D Science Building	Renovate Science Building for improved classroom learning environments, new fiber data backbone, and enhanced signage	Renovation – 16,000
Building E College Center	Campus-wide Student Support	New Construction – 50,276
Building F Family/Consumer Education	Outdated building that will be replaced	Demolition – 15,968
Building G Performing Arts	New Performing Arts Building replaces the existing and outmoded Music Building.	New Construction – 42,857
Building J Auditorium	Complete renovation of Auditorium building with expansion of the building as well as general refurbishment and updates	Renovation – 37,878 Expansion – 14,119
Building K Art Building	Fine Arts building needs complete renovation and modernization	Retrofit/Renovation – 29,479
Building M Liberal Arts	Replace Buildings M&N with new building for classrooms, laboratory facilities, and technology center	New Construction – 81,970
Building O1 IITS/Warehouse	Structural enhancements to obtain certification by Division of State Architect	Renovation – 26,560
Building O2 Economic & Workforce Development/Foundation	Structural enhancements to obtain certification by Division of State Architect	Renovation – 51,302
Building P Language Arts	Upgrade building's functional systems with upgraded power systems, HVAC, plumbing, storm drainage, fire alarm, and telecommunication systems	Renovation – 16,016
Building Q Secondary Gymnasium	Renovation and upgrading to address issues related to instructional space, training needs, seismic upgrades, AHA compliance, and other upgrades	Renovation – 30,270
Building R Primary Gymnasium	Comprehensive structural and seismic renovation, ADA access, HVAC upgrades	Renovation – 78,024 New Construction – 10,000

Project	Scope/Usage	Square Feet (GSF)/ Features
Building S Stadium	Renovation including ADA access, structural upgrades	Renovation – 57,455
Building W Aquatic Center	Construction of a new 50 meter by 25-yard pool, with a new support building	New Construction – 50,881 and pool area
Outdoor Kinesiology Labs	New construction of physical education outdoor playing fields to include softball relocation, two soccer fields, 6 tennis courts, 5 sand volleyball courts, and supporting facilities, restrooms, field house, storage. .	New Construction Supporting Facilities – 13,915
Walkways and Wayfinding	New and revised walkways, installation of uniform signage program	New construction/renovation

The LBCCD 2041 Facilities Master Plan LAC improvements would result in an estimated increase over the 2020 Unified Master Plan of 15,877 square feet of renovation, and 69,564 square feet removed, and estimated increase of 30,035 square feet of new construction.

The following descriptions identify specific improvements recommended for the 2041 Facilities Master Plan LAC Improvements, that were not part of the 2020 Unified Master Plan or the original 2004 LAC Master Plan Program EIR.

- Building D, Science Building renovation will be expanded from 9,326 square feet to 16,000 square feet
- Building E, the Existing College Center will be demolished (50,276 GSF) and a new building will be constructed with approximately the same GSF of 50,276. The new construction will be in lieu of major renovation of building E that was previously shown on 2020 Master Plan.
- Building F will be demolished and replaced with new landscape and hardscape.
- The Performing Arts Building (Building G previously shown as Building 3 on 2020 Master Plan) will replace the existing G and H, consisting of approximately 42,857 square feet instead of 46,671 square feet which was shown on 2020 Master Plan.
- Building O1 will undergo structural enhancements to the 26,560-square foot building to obtain Division of State Architect certification.
- Building O2 will undergo structural enhancements to the 51,302-square foot building to obtain Division of State Architect certification.
- Building R, Primary Gymnasium is anticipated to have an expansion with new construction to the south of 10,000 gross square feet to accommodate program needs.

- In order to meet programmatic needs a new 10,000 gross square foot structure may be built between Buildings Q and R to accommodate swing space and title IX needs while the buildings are being renovated.
- Building W, aquatics center, will be approximately 20,000 GSF of building structure for restrooms, locker rooms, team rooms, classroom and offices and will have approximately 800 spectator seat capacity. (An Olympic sized swimming pool with grandstands to accommodate a 3,000-spectator seat capacity was shown in the 2020 Master Plan.)
- Outdoor Kinesiology Labs, Renovation and New construction of physical education outdoor playing fields to include softball relocation, two soccer fields, 6 tennis courts, and 5 sand volleyball courts, and supporting facilities, such as restrooms, field house, and storage facilities. Approximately 9,821 SF of the building W will be allocated to The Outdoor Kinesiology Labs as supporting facilities. Also, the existing field house for Softball Field will be removed and replaced with approximately 4,098 SF of new supporting facilities. (Outdoor Physical Education Labs, including softball field relocation, were previously shown in the 2020 Master Plan.)
- In order for the District to meet the state requirements and Executive Order B-18-12 for Zero-Net-Energy, LAC campus will be studied for possible Solar Photovoltaic systems at various locations. Parking Lot M as well as other parking lots may have two thirds of the lot covered with photovoltaic carport structures to meet the statewide requirements for energy production and achieve a Zero Net Energy District.

## **Master Plan Schedule**

The 2041 Facilities Master Plan provides an approximate schedule sequence that identifies timelines for construction and project scope. Table 2-5 summarizes the 2041 Facilities Master Plan Improvements building renovation, expansion, and/or new construction. To determine the projects and sequencing in the 2041 Facilities Master Plan, the Board of Trustees of the Long Beach Community College District evaluated the District's urgent and critical capital needs, including school and student safety issues, enrollment trends, class size reduction, overcrowding, energy efficiency and computer technology, seismic safety requirements, and aging, outdated or deteriorating school buildings in developing the scope of projects to be funded. In developing the scope of projects, the District has prioritized the key health and safety and sustainability needs so that the most critical school site needs are addressed.

The timing of certain projects will be dependent on the completion of other projects and will ultimately occur over the different phases. For example, improvements to utilities will occur across the LAC. However, these improvements will be completed in portions following building construction or renovation. Other projects like this include the Photovoltaic Projects, Landscape Master Plan Projects, and Wayfinding/Walkway Projects.

The Master Plan projects called out the projects identified with the 2041 Facilities Master Plan and the timeframe that is most likely to occur during these time periods. However, the timeframe in which a project is planned may change if the priority characteristics change for an individual project due to program needs or state funding allocation. The general building scope by phase is shown in Table 2-6 for the 2041 Facilities Master Plan Updates.

**Table 2-6 2041 Facilities Master Plan Construction by Planned Construction Years**

Construction Start Year	Projects Planned
Ongoing	Building P – Language Arts (Renovation), Building D – Science (Renovation), Minor Campus Improvements, Energy/Water Conservation Projects, Infrastructure Projects, Campus Landscaping
To be Determined	Walkways & Wayfinding, Surface Parking Improvement
2017/2018	Building J – Auditorium (Renovation)
2017/2018	Building J - Auditorium
2018/2019	Kinesiology Lab & Aquatic Center (Renovation)
2019/2020	Building M – Liberal Arts Classroom Building
2022/2023	Building E – College Center
2022/2023	Building E – College Center (new construction)
2024/2025	Building O2 – Economic & Workforce Development/Foundation (Renovation)
2026/2027	Building G – Performing Arts (New Construction)
2029/2030	Building K – Art (Renovation)
2030/2031	Building R – Primary Gymnasium (Renovation)
2033/2034	Building Q – Secondary Gymnasium (Renovation)
2034/2035	Building B – Classroom (Renovation)
2037/2038	Building F – Family/Consumer Education (Demolition), Building S – Stadium (Renovation), Building O1 – IITS/Warehouse

## Design Guidelines

The Design Guidelines of the 2004 LAC Master Plan are incorporated by reference into the 2041 Facilities Master Plan. The Design Guidelines include “Guiding Principles” that govern the design of the proposed campus improvements, including the buildings, parking area, planting scheme, pavement and courtyards, traffic/circulation, signage, lighting, site furnishings, and screening (LBCCD 2004). The Long Beach City College Liberal Arts Campus has outstanding examples of Spanish Colonial Revival architecture that serve as the physical and emotional core of its campus. Additions to the campus should build on this strength and extend the underlying values of this historical core. According to the Design Guidelines:

- The design objectives and guidelines used for the improvement of the architectural character at the Liberal Arts Campus are based on new construction, rehabilitation of existing buildings, and demolition or removal of obsolete or deteriorated facilities.
- New facility design should contribute to a unified campus appearance with a consistent architectural character. All future construction shall employ a single, unifying architectural vernacular based on a contemporary interpretation of the original Spanish Colonial Revival Style.
- All new buildings shall be sited in groups or clusters to define interior public courtyards protected from public ways and parking areas. All new construction shall be sited to relate to existing or future buildings so that strongly defined edges to outdoor rooms are formed. These outdoor rooms should be simple and comprehensible in shape, and pedestrian connections between the clustered buildings should be carefully articulated.



## **Best Management Practices**

All Best Management Practices (BMPs) from the PEIR will be incorporated by reference in this NOP/IS, as well as the proposed SEIR for the 2041 Facilities Master Plan.

## **STATEMENT OF PROJECT GOALS AND OBJECTIVES**

The District's goal as part of the California Community College system is to offer academic and vocational education to students at the lower college division level. In addition, the District's goal is to advance California's economic growth and global competitiveness through education, training, and services that contribute to continuous workforce improvement.

The objective of the 2041 Facilities Master Plan is to provide plans to implement proposed necessary construction, renovation, and general capital improvements at the campus in order to meet the District's goals. The improvements are intended to update and improve existing technological and program services in order to meet the increasing needs of students and faculty.

## **2.4 REQUIRED PERMITS AND APPROVALS**

As required by the *CEQA Guidelines*, this section provides, to the extent the information is known to LBCCD, the CEQA Lead Agency, a list of the agencies that are expected to use this SEIR in their decision making and a list of permits and other approvals required to implement the project.

### **2.4.1 Lead Agency Approval**

The Final SEIR must be certified by the LBCCD Board of Trustees (Board) as to its adequacy in complying with the requirements of CEQA before taking any action on the Proposed Project. The Board will consider the information contained in the SEIR in making a decision to approve or deny the 2041 Facilities Master Plan LAC Improvements that were not previously addressed under the 2020 Unified Master Plan SEIR or the 2004 PEIR (Proposed Project). The analysis in the SEIR is intended to provide environmental review for the whole of the Proposed Project, including the project planning, site acquisition, demolition of existing structures, site clearance, site excavation, and construction of school buildings and appurtenant facilities in accordance with CEQA requirements.

### **2.4.2 Required Permits and Approvals**

A Responsible Agency is a public agency, other than the lead agency, that has discretionary approval power over a project. The Responsible Agencies, and their corresponding approvals, for this project include the following:

#### **California Department of General Services**

- Division of the State Architect (Approval of architectural plans)

#### **City of Long Beach**

- Department of Public Works (Approval of on- and off-site drainage infrastructure and roadway improvements)

### **2.4.3 Reviewing Agencies**

Reviewing Agencies include those agencies that do not have discretionary powers, but that may review the SEIR for adequacy and accuracy. Potential Reviewing Agencies include the following:

#### **State Agencies**

- Department of Transportation (Caltrans)
- Environmental Protection Agency (Cal EPA)
- Department of Fish and Wildlife (CDFW)

#### **Regional Agencies**

- Southern California Association of Governments
- South Coast Air Quality Management District

## **2.5 CUMULATIVE SCENARIO**

Cumulative impacts refer to the combined effect of Proposed Project impacts with the impacts of other past, present and reasonably foreseeable future projects. Both CEQA and the CEQA Guidelines require that cumulative impacts be analyzed in an EIR. As set forth in the CEQA Guidelines, the discussion of cumulative impacts must reflect the severity of the impacts, as well as the likelihood of their occurrence; however, the discussion need not be as detailed as the discussion of environmental impacts attributable to the project alone. As stated in CEQA, “a project may have a significant effect on the environment if the possible effects of a project are individually limited but cumulatively considerable.”

According to the CEQA Guidelines:

“Cumulative impacts” refer to two or more individual effects which, when considered together, are considerable and which compound or increase other environmental impacts.

- The individual effects may be changes resulting from a single project or a number of separate projects.
- The cumulative impact from several projects is the change in the environment, which results from the incremental impact of the Proposed Project when added to other closely related past, present, and reasonable foreseeable probable future projects. Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time.”

In addition, as stated in the CEQA Guidelines, it should be noted that:

“The mere existence of significant cumulative impacts caused by other projects alone shall not constitute substantial evidence that the Proposed Project’s incremental effects are cumulatively considerable.”

Cumulative impact discussions for each issue area are provided in the technical analyses contained within Section 4.0 – Environmental Impacts.

As previously stated, and as set forth in the CEQA Guidelines, related projects consist of, “closely related, past, present, and reasonable foreseeable probable future projects that would likely result in similar impacts and are located in the same geographic area.” An area of influence, defined by an approximate 1.5-mile radius from the Proposed Project site, was utilized in order to capture specific locations of other approved and pending projects. Based on coordination with the City of Long Beach, an area projects list was created. Responses that were received from the city were incorporated in the analysis. A majority of the study area is located in a highly urbanized area. The ability to develop new major projects within or adjacent to the study area is limited. Twenty-six pending/approved developments were identified by the City of Lakewood and City of Long Beach within the study area:

- Staybridge Suites Hotel – 2640 North Lakewood Boulevard
- Retail/Carwash Project – 4201 E. Willow Street
- New Coffee Shop – 5861-5865 Spring Street
- Northgate Market Expansion – 4700 Cherry Avenue
- Law Office of Jeff Lung – 4909 Lakewood Boulevard #302
- Sparx Logistics – 4909 Lakewood Boulevard #303
- Thrivent – 4909 Lakewood Boulevard #305
- Image 2000 – 4909 Lakewood Boulevard #540
- McDonalds – 4910 Lakewood Boulevard
- Petco – 5215 Lakewood Boulevard
- Kinecta Federal Credit Union – 4055 Hardwick Street
- Raising Cane’s Chicken Fingers – 4624 Candlewood Street
- Dickey’s Barbeque Pit – 5125 Candlewood Street
- Outback Steakhouse – 5305 Clark Avenue
- Journey’s – 500 Lakewood Center Mall #20
- Miniso – 500 Lakewood Center Mall #39
- Play Live Nation – 500 Lakewood Center Mall #127
- Box Lunch – 500 Lakewood Center Mall #307
- Burgerim – 4131 Woodruff Avenue



- Morey's Music Store – 4834 Woodruff Avenue
- Piggie's Adobo Taco Bar – 2700 Carson Street
- Carwood Carwash – 2729-35 Carson Street
- Stone Yoga Studio – 3219 Carson Street
- Bubble Express Car Wash – 2711 Del Amo Boulevard
- Starbucks – 5906 Del Amo Boulevard
- Laborers Local 1309 – 3971 Pixie Avenue

### SECTION 3.0 – ENVIRONMENTAL DETERMINATION

#### 3.1. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a “Potentially Significant Impact” as indicated by the checklist on the following pages.

<input checked="" type="checkbox"/> Aesthetics	<input type="checkbox"/> Agriculture & Forestry Resources	<input checked="" type="checkbox"/> Air Quality
<input type="checkbox"/> Biological Resources	<input type="checkbox"/> Cultural Resources	<input type="checkbox"/> Energy
<input type="checkbox"/> Geology & Soils	<input checked="" type="checkbox"/> Greenhouse Gas Emissions	<input type="checkbox"/> Hazards & Hazardous Materials
<input type="checkbox"/> Hydrology & Water Quality	<input type="checkbox"/> Land Use & Planning	<input type="checkbox"/> Mineral Resources
<input checked="" type="checkbox"/> Noise	<input type="checkbox"/> Population & Housing	<input type="checkbox"/> Public Services
<input type="checkbox"/> Recreation	<input checked="" type="checkbox"/> Transportation	<input type="checkbox"/> Tribal Cultural Resources
<input type="checkbox"/> Utilities & Service Systems	<input type="checkbox"/> Wildfire	<input checked="" type="checkbox"/> Mandatory Findings of Significance

#### 3.2. DETERMINATION

On the basis of this initial evaluation:

I find that the Proposed Project COULD NOT have a significant effect on the environment, and a ☐ NEGATIVE DECLARATION will be prepared.

I find that although the Proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared. ☐

I find that the Proposed Project MAY have a significant effect on the environment, and an ☐ ENVIRONMENTAL IMPACT REPORT is required.

I find that the Proposed Project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed. ☒

Signature



Date

2-7-18

## SECTION 4.0 – ENVIRONMENTAL IMPACTS

### 4.1. Organization of Environmental Analysis

Sections 4.4 through 4.24 provide a discussion of the potential environmental impacts of the Proposed Project. The evaluation of environmental impacts follows the questions provided in the Checklist provided in the CEQA Guidelines and annotated to meet requirements of Title 5 of the California Code of Regulations for school facilities.

### 4.2. Terminology Used in this Analysis

For each question listed in the IS checklist, a determination of the level of significance of the impact is provided. Impacts are categorized in the following categories:

- **No Impact.** A designation of *no impact* is given when no adverse changes in the environment are expected.
- **Less Than Significant Impact.** A *less than significant impact* would cause no substantial adverse change in the environment.
- **Less than Significant Impact with Mitigation.** A *potentially significant (but mitigable) impact* would have a substantial adverse impact on the environment but could be reduced to a less-than-significant level with incorporation of mitigation measure(s).
- **Potentially Significant Impact.** A *significant and unavoidable impact* would cause a substantial adverse effect on the environment and no feasible mitigation measures would be available to reduce the impact to a less-than-significant level.

### 4.3. Evaluation of Environmental Impacts

A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to the project (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

Once the Lead Agency has determined that a particular physical impact may occur the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant.

“Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.

“Less than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant

Impact.” Mitigation measures are identified and explain how they reduce the effect to a less than significant level (mitigation measures may be cross-referenced).

Earlier analyses may be used where, pursuant to the Program EIR or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. (Section 15063[c] [3][D]). In this case, a brief discussion should identify the following:

- a) Earlier analyses used where they are available for review
- b) Which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and whether such effects were addressed by mitigation measures based on the earlier analysis
- c) The mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project, for effects that are “Less than Significant with Mitigation Measures Incorporated.

References and citations have been incorporated into the checklist references to identify information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document, where appropriate, includes a reference to the page or pages where the statement is substantiated. Source listings and other sources used or individuals contacted are cited in the discussion.

The explanation of each issue identifies:

- a) The significance criteria or threshold, if any, used to evaluate each question.
- b) The mitigation measure identified, if any, to reduce the impact to less than significant.

#### 4.4. AESTHETICS

a) Would the Project have a substantial adverse effect on a scenic vista?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LBCCD LAC is located in an urbanized residential area and is a developed site. There are no designated scenic resources on the campus, nor is the campus part of a state, county, or municipally designated scenic vista (City 1975). The opportunities for long distance views are limited. From most directions, the visual horizon is limited by existing manmade features. Primary views of the site are in the immediate area from adjacent streets and land uses. Figure 4.4-1 shows the location and orientation of photographs of the Proposed Project site. Figures 4.4-2 through 4.4-5 show views of the Proposed Project site from surrounding locations. Overall views from surrounding areas would not be significantly impacted due to the existing surrounding development which currently obscures or limits views to and from the LAC. With the implementation of the Proposed Project, some immediate views of the LAC would be of increased building density, however, the new structures would be consistent visually with the surrounding structures. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Would the Project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project site is not a scenic resource within State scenic highway corridors. Pacific Coast Highway, the closest local state highway, is not a designated scenic highway in this area (Caltrans 2017). Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.



Figure 4.4-1: Site Photograph Locations







**Figure 4.4-2a**  
**View of LAC looking north across E. Conant Street**



**Figure 4.4-2b**  
**View of LAC from corner looking south across E. Conant Street**



**Figure 4.4-2c**  
**View of LAC from corner of Clark Avenue and E. Conant Street**



**Figure 4.4-3a**  
**View of LAC from Faculty Avenue east**





**Figure 4.4-3b**  
**View of New Parking Structure on LAC**



**Figure 4.4-3c**  
**View of LAC looking across Carson Street**



**Figure 4.4-4a**  
**View of LAC from corner of Clark Avenue and Carson Street looking north**



**Figure 4.4-5a**  
**View of LAC from corner of Clark Avenue and E. Harvey Way looking south**

c) Would the Project substantially degrade the existing visual character or quality of public views of the site and its surroundings? If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The visual character of the LAC and surrounding area is that of a fully developed urban corridor, developed with a mix of institutional, commercial, residential, and park uses. Implementation of the Proposed Project would involve redevelopment, renovation, demolition, and new construction on the LAC. The 2041 Facilities Master Plan LAC Improvements incorporate the design features of the 2004 LBCC LAC Master Plan and the 2020 Unified Master Plan LAC Improvements. The LBCC LAC Master Plan

has been developed to support the Long Beach Community College District vision, mission, and values. New design will contribute to a unified campus appearance with a consistent architectural character. Future construction will employ a unifying architectural vernacular, based on contemporary interpretation of the original Spanish Colonial Revival architectural style. The Proposed Project will be designed per the guidelines of the Master Plan to be compatible with the existing LAC structures and to contribute to a unified campus appearance with a consistent architectural character. The construction of buildings consistent with existing architectural style would avoid impacts associated with regulations governing scenic quality.

Development of the Proposed Project would result in the redevelopment, renovation, or replacement of existing LAC structures and the addition of new structures. The new or replacement structure would be similar in size and mass to the adjacent buildings. The design of the new or replacement structures would incorporate many of the architectural elements of the existing LAC structures and would appear as a continuation of existing background features. The new development would help unify the visual character of the LAC and would be consistent with the existing style and image of the area. Implementation of the Proposed Project will also improve the visual character of the LAC by removing features which are not consistent with the original architectural style. In addition, implementation of landscape and signage improvements will complement existing buildings and integrate future projects. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) Would the Project create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** LBCCD LAC is an existing source of light in an urbanized area of the City of Long Beach. Sources of illumination on the LAC include street lighting, interior building lighting, lighting in parking lots, and security lighting.

The Proposed Project would provide additional sources of nighttime illumination. Lighting associated with renovated or new buildings would be similar to that of the existing surrounding buildings. Pedestrian lighting will be coordinated with other elements such as signage, security, paving materials, and street furniture. In addition, lighting would be added to soccer fields at the northern portion of the campus, and new lights would be installed as part of the new Aquatic Center. All lighting will be shielded and directed onto the Proposed Project site. However, with the addition of field and stadium lighting, potential impacts may result. Lighting impacts will be further analyzed in the SEIR.

**Further Study Required:** Light and glare impacts will be further analyzed in the SEIR.

#### 4.5. AGRICULTURE AND FORESTRY RESOURCES

a) Would the Project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC is classified as “Urban and Built Up Land” by the California Department of Conservation Farmland Mapping (California Department of Conservation 2016). Since the Proposed Project site is currently developed, no farmland activities or resources will be converted to non-agricultural uses. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Would the Project conflict with existing zoning for agricultural use, or a Williamson Act contract?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LBCCD LAC has a zoning designation of Institutional and School District. Surrounding properties are zoned Residential, Park, or Planned Development (City 1998). The LAC is not zoned for agricultural use and Williamson Act contracts do not occur on or near the Proposed Project site. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

c) Would the Project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** No forest land exists on or around the LBCCD LAC. Implementation of the Proposed Project will have no direct or indirect impact related to timberland conversion. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) Would the Project result in the loss of forest land or conversion of forest land to non-forest use?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** No forest land exists on or around the LBCCD LAC. Implementation of the Proposed Project will have no direct or indirect impact related to forest land conversion. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

e) Would the Project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** No agricultural or forest land exists on or around the LBCCD LAC. Implementation of the Proposed Project will have no direct or indirect impact related to Farmland or forest land conversion. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** Further evaluation of the potential agriculture and forestry impacts is not required.

#### 4.6. AIR QUALITY

a) Would the Project result in conflict with or obstruct implementation of the applicable air quality plan?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** A project is deemed inconsistent with air quality plans if it results in population and/or employment growth that exceed growth estimates in the applicable air quality plan. The Proposed Project will not induce growth but will accommodate projected growth in student population. Long-term operational emissions resulting from the Proposed Project may potentially result in exceedance of air quality standards related to the applicable air quality plan. Two types of air pollutant sources are considered in respect to the Proposed Project; stationary and mobile sources. Operational emissions would primarily be generated by mobile sources in the form of vehicle trips. An increase in emissions from stationary sources associated with natural gas and electrical consumption

may also result due to the Proposed Project. An air quality study is being prepared and this issue will be analyzed and discussed in the SEIR.

b) Would the Project violate any air quality standard or result in a cumulatively considerable net increase in an existing or projected air quality violation?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** The Proposed Project may have a potentially significant impact on air quality standards or contribute substantially to an existing or projected air quality violation. The Proposed Project site is located in the South Coast Air Basin (SCAB), within the SCAQMD. The SCAQMD has established standards for air quality constituents generated by construction and by operational activities for such pollutants as ozone (O<sub>3</sub>), carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), and particulate matter smaller than or equal to 10 microns in diameter (PM<sub>10</sub>). The SCAQMD maintains an extensive air quality-monitoring network to measure criteria pollutant concentrations throughout the SCAB. The SCAB is designated a non-attainment area for O<sub>3</sub>, PM<sub>10</sub>, and particulate matter smaller than or equal to 2.5 microns in diameter (PM<sub>2.5</sub>). The construction and operation of the Proposed Project would contribute to an increase in air pollutant emissions for which the region is non-attainment.

Construction emissions would be generated by the demolition of existing structures, grading/excavation, construction workers traveling to and from the Proposed Project site, delivery and hauling of construction supplies and debris, fuel combustion by on-site construction equipment, or the application of architectural coatings and other building materials that release emissions. Construction emissions would be short-term in nature and would be limited only to the time period when construction activity is taking place. However, construction related emissions might exceed SCAQMD daily emissions thresholds. Therefore, these temporary construction emissions will be analyzed in the SEIR.

Long-term operational emissions resulting from the Proposed Project may potentially result in exceedance of air quality standards. Two types of air pollutant sources are considered in respect to the Proposed Project; stationary and mobile sources. Operational emissions would primarily be generated by mobile sources in the form of vehicle trips. An increase in emissions from stationary sources associated with natural gas and electrical consumption may also result due to the Proposed Project. An air quality study is being prepared and this issue will be analyzed and discussed in the SEIR.

c) Would the Project expose sensitive receptors to substantial pollutant concentrations?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** The Proposed Project could potentially create or contribute to a non-stationary source CO “hotspot.” A CO hotspot, or areas of high CO concentration, can occur at traffic congested roadway intersections as a result of accumulating vehicle emissions. The SCAQMD has established concentration thresholds to assess Proposed Project impacts associated with CO hotspots that would be created by vehicle trips. This impact will be analyzed in the SEIR.

d) Would the Project result in substantial emissions (such as odors or dust) adversely affecting a substantial number of people?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Potential sources that may emit odors are from the application of asphalt and paint and diesel-fueled equipment during the construction period and from diesel-fueled trucks during the operation of the facility. Odors generated during construction would be short-term and would not result in long-term impacts to the surrounding area. Therefore, no significant impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Issues Requiring Further Study.** The SEIR will include further study related to conflicts with applicable air quality management plans, short-term construction emissions, long-term operational emissions, a cumulatively considerable net increase of any criteria pollutant, non-stationary source CO hotspot, and exposure of sensitive receptors to substantial pollutant concentrations. Cumulative impacts to global climate change will be further discussed in the SEIR.

#### 4.7. BIOLOGICAL RESOURCES

a) Would the Project have a substantial adverse effect, either directly or through habitat modification, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The LBCCD LAC campus is a developed site and is located in an urbanized area in the City of Long Beach. Campus vegetation is limited to introduced landscaping. There are no known candidates, sensitive or special status species on or around the LAC. Additionally, the Open Space and Recreation Element of the City of Long Beach General Plan does not identify LAC as open space for the preservation of natural resources (City 2002). Therefore, a less than significant impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.



b) Would the Project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LBCCD LAC is an existing campus in an urbanized area with introduced landscaping. There are no known riparian habitats or other sensitive natural community on the Proposed Project site. Since no wetlands exist on or around the LAC, no adverse effects on any riparian habitat identified in local or regional plans, policies, and regulations or by the CDFW or the USFWS will occur. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

c) Would the Project have a substantially adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filing, hydrological interruption, or other means?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LBCCD LAC is an existing campus in an urbanized area with introduced landscaping. There are no known wetlands on the site. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) Would the Project 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?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The LBCCD LAC is an existing campus in an urbanized area. There are no known native resident or migratory fish or wildlife species, established wildlife corridors, or native wildlife nursery sites on the site. As discussed previously in the SEIR and PEIR, LBCCD intends to avoid the removal of mature ornamental trees; implementation of the Master Plan may require the removal of large trees that could support raptor nesting. As stated previously in the SEIR and PEIR, LBCCD shall attempt to limit removal of mature trees. As part of the Master Plan Best Managements Practices (BMPs), if removal is to occur between March 1 through July 30, a survey to identify active raptor nests shall be conducted by a qualified biologist no more than two weeks before the start of construction. Removal of any mature trees with active raptor nests will be delayed until a qualified biologist

determines that the subject raptor(s) are no longer nesting or until juveniles have fledged. No significant impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

e) Would the Project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The Proposed Project will incorporate landscaping improvements. As discussed previously in the SEIR and PEIR, LBCCD intends to avoid the removal of mature ornamental trees; implementation of the Master Plan may require the removal of large trees that could support raptor nesting. As stated previously in the SEIR and PEIR, LBCCD shall attempt to limit removal of mature trees. The City of Long Beach has a Tree Maintenance Policy that applies to planting, maintenance, and removal of street trees located in the public rights-of-way (City 2006). The LBCCD will comply with this Tree Maintenance Policy. The Proposed Project will not conflict with any local policies or ordinances protecting biological resources. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

f) Would the Project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** No habitat conservation, natural community conservation, or other approved local, regional, or state habitat conservation plans apply to the LBCCD LAC. The Proposed Project will not conflict with any habitat conservation plans. Therefore, no impact would result, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** Further evaluation of the potential biological resource impacts is not required.

#### 4.8. CULTURAL RESOURCES

a) Would the Project cause a substantial adverse change in significance of a historical resource pursuant to State CEQA Section 15064.5?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** A cultural resources memo report was prepared for the LAC and is included in Appendix A of this document (Chambers Group 2017). The memo was prepared to assess potential changes to the Cultural Resources Inventory Report prepared by Chambers Group in 2009

(Chambers Group 2009) and included an updated cultural resources records search/literature review. The memo found the previous survey data to be correct.

On the 2009 study, buildings were surveyed based on a 45-year age threshold by calendar year 2020. Using these criteria, buildings built in or before 1975 were considered as part of this survey. Nine buildings were determined as eligible for survey on Long Beach City College District's LAC According to the cultural resources inventory report, Buildings A, F, G, J, K, L, P, Q, and R were constructed between 1935 and 1956, with subsequent additions and alterations made to most of the original structures. The surveyed buildings do not provide for architectural stylistic or artistic integrity and do not appear to be associated with significant events, themes or persons in history and the properties are unlikely to yield future information about the past. None of the structures are known to have been directly associated with any persons or events significant to the broad patterns of local, state, or national history. The buildings therefore failed to meet any requirement for eligibility as a historical resource for either California Register of Historical Resources (CRHR) or local register listing.

On November 11, 2017, Chambers Group, Inc. received the results of the updated records search from the South Central Coastal Information Center (SCCIC) housed at the California State University, Fullerton. These results found no historical resources listed or eligible for listing on the CRHR or local register within the Project area.

Based the 2004 and 2017 findings there are no historical resources present within the Project area, and therefore the Proposed Project as planned with have no impact on Historical Resources.

b) Would the Project cause a substantial adverse change in significance of an archaeological resource pursuant to State CEQA Section 15064.5?	Potentially Significant Impact <input type="checkbox"/>	Less than Significant With Mitigation Incorporation <input checked="" type="checkbox"/>	Less than Significant Impact <input type="checkbox"/>	No Impact <input type="checkbox"/>
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**Less than Significant Impact with Mitigation.** The LBCC LAC is located in an urbanized area that has been previously disturbed by past activities. A Chambers Group archaeologist visited the subject property in 2004 and determined that no open ground was present for a viable archaeological survey due to the presence of buildings, hardscape, and landscaped areas that cover the project area. Results of the 2004 records search and field visit found no archaeological resources present on the LAC campus (Chambers Group 2004). Additionally, the previous results found the area to be heavily disturbed with a considerable amount of fill present due to past development in the area, and therefore found there to be very low potential for buried archaeological materials in the Project area (Chambers Group 2004).

On November 11, 2017, Chambers Group, Inc. received the results of the updated records search from the SCCIC housed at the California State University, Fullerton. These results found no archaeological resources within the Project area have been identified since the previous assessment in 2004.

Based the 2004 and 2017 findings there are no archaeological resources present within the Project area, and little to no potential for buried archaeological deposits based on the past disturbance and development of the campus. However, in the event archaeological resources are uncovered during earth moving construction activities the following measure has been provided to ensure less than significant impacts to archaeological resources.

**CUL-1** In the event that a concentration of artifacts or culturally modified soil deposits (including trash pits older than 50 years) should be encountered at any time during ground disturbing activities, all work must stop until a qualified archaeologist views the finds and makes a preliminary evaluation. If warranted, further archaeological work in the discovery area should be performed.

c) Would the Project disturb any human remains, including those interred outside of dedicated cemeteries?	Potentially Significant Impact <input type="checkbox"/>	Less than Significant With Mitigation Incorporation <input checked="" type="checkbox"/>	Less than Significant Impact <input type="checkbox"/>	No Impact <input type="checkbox"/>
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**Less than Significant Impact with Mitigation.** No known human remains are located on the LAC. The LAC is located in an urbanized area previously disturbed by past activities. In addition to the updated records search completed for the 2017 cultural resources memo report, Chambers Group contacted the Native American Heritage Commission (NAHC) to conduct a Sacred Lands File (SLF) search of the Project area to determine if resources significant to Native American groups are located within the Project area. The NAHC responded that the review of the SLF returned negative results for the Project area (Chambers Group 2017). Based on the results of the updated records search, review of historic maps, and the NAHC SLF search conducted for the 2017 cultural resources memo report, there has been no change to the potential for human remains within the project area from the 2009 report. However, in the event human remains are uncovered during earth moving construction activities the following measure has been provided to ensure less than significant impacts to such resources.

**CUL-2** Although unlikely, if human remains are encountered, all work must stop in the immediate vicinity of the discovery until the County Coroner and a qualified archaeologist evaluate the remains in accordance with California Public Resource Code 5097.98 and Health and Safety code 7050.5.

**Further Study Required:** Further evaluation of the potential cultural resource impacts is not required.

#### 4.9. ENERGY

a) Would the Project result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy, or wasteful use of energy resources, during project construction or operation?	Potentially Significant Impact <input type="checkbox"/>	Less than Significant With Mitigation Incorporation <input type="checkbox"/>	Less than Significant Impact <input checked="" type="checkbox"/>	No Impact <input type="checkbox"/>
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**Less Than Significant Impact.** The Proposed Project includes the demolition, construction, and/or renovation of buildings located on the LBCC LAC. Construction associated with the Proposed Project would result in a temporary increase in energy consumption due to the energy requirements associated with operating construction equipment. All construction activities would implement BMPs to reduce

construction related emissions, which would minimize the energy needed to implement the Proposed Project. Additionally, many of the buildings identified in Table 2-4 have inefficient utility and mechanical systems that have been extended well beyond their intended life span. The Proposed Project would implement California Code of Regulations Title 24 Part 6: California's Energy Efficiency Standards for Residential and Nonresidential Buildings. Compliance with this regulation would result in LAC buildings that require less electricity, natural gas, and other fuels for operational purposes. Additionally, LBCCD has adopted strategies to reduce energy consumption. These strategies include, but are not limited to, maximizing energy efficiencies to reduce both electrical consumption and peak demand, and promoting renewable power sources for offsetting peak demand. Therefore, the Proposed Project would result in less than significant impacts associated with wasteful or inefficient energy consumption during construction or operation.

b) Would the Project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	Potentially Significant Impact <input type="checkbox"/>	Less than Significant With Mitigation Incorporation <input type="checkbox"/>	Less than Significant Impact <input checked="" type="checkbox"/>	No Impact <input type="checkbox"/>
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**Less Than Significant Impact.** The Proposed Project would comply with California Code of Regulations Title 24, which regulates the amount of energy consumed by new development for heating, cooling, ventilation, and lighting. Additionally, the Proposed Project would implement the District wide strategy of promoting renewable energy sources. Therefore, the Proposed Project would result in less than significant impacts associated with renewable energy or energy efficiency plans.

**Further Study Required:** Further evaluation of the potential energy impacts is not required.

#### 4.10. GEOLOGY AND SOILS

a) Would the Project directly or indirectly cause 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? Refer to Division of Mines and Geology Special Publication 42.	Potentially Significant Impact <input type="checkbox"/>	Less than Significant With Mitigation Incorporation <input type="checkbox"/>	Less than Significant Impact <input checked="" type="checkbox"/>	No Impact <input type="checkbox"/>

**Less than Significant Impact.** Although the LAC is located within a seismically active region of southern California, the LAC is not located within a state-designated Alquist-Priolo Special Study Zone (City 1988,

Figure 2). The Alquist-Priolo Special Study Zone prevents construction of buildings used for human occupancy on the surface trace of active faults. The nearest designated Alquist-Priolo Earthquake Fault Zone is the Newport-Inglewood Fault Zone located approximately 2.5 miles southwest of the Proposed Project site. Construction activities for the Proposed Project will be conducted in accordance with California and City of Long Beach regulations and ordinances pertaining to the mitigation of potential geologic and seismic impacts. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

ii) Strong seismic ground shaking?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The four main fault systems most likely to cause potentially significant seismic damage in the Proposed Project area are the San Andreas Fault, the Santa Monica-Hollywood/Malibu Coast Fault, the Newport-Inglewood Fault, and the Palos Verdes Fault (City 1988, Figure 6).

The Proposed Project design will conform to the standards and requirements of the California Building Code, the Long Beach Municipal Code, and recommendations from Structural Engineers Association of California, including strict compliance with procedures for development in areas of ground shaking and engineered fill. In addition, the Division of State Architect (DSA) will review the Proposed Project site engineering geology and geotechnical reports and approve plans prior to issuing building permits. Conformance with applicable building and seismic codes will reduce impacts associated with seismic ground shaking to a less than significant level. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

iii) Seismic-related ground failure, including liquefaction?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Building-specific geotechnical studies have indicated that the potential for ground failure, specifically liquefaction and seismically-induced settlement, is possible onsite (Amec Foster Wheeler 2015a, 2015b). These geotechnical studies include construction recommendations for site-specific geological conditions. Conformance with these recommendations and all applicable building and seismic codes will reduce impacts associated with seismic-related ground failure, including liquefaction, to a level of less than significant. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

iv) Landslides?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact



<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**No Impact.** The LAC is not shown on the City of Long Beach Slope Stability Study Areas map (City 1988, pp 46). The LAC is relatively flat and is not adjacent to a hillside. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Would the Project result in substantial soil erosion or the loss of topsoil?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The LAC has been previously graded, developed, and paved. Construction activities will involve minimal soil disruption. Conformance with applicable erosion control regulations during construction activities will reduce impacts to a level of less than significant. The Proposed Project would also include BMPs outlined in the PEIR including compliance with SWPPP and SUSMP. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

c) Would the Project 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 onsite or offsite landslide, lateral spreading, subsidence, liquefaction or collapse?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The LAC has been previously graded and developed. Conformance with applicable building and seismic codes and implementation of geotechnical recommendations, will reduce impacts associated with unstable geologic units or soils to a level of less than significant (LBCC 2015a, 2015b). Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) Would the Project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The LAC has been previously graded and developed. Conformance with applicable building and seismic codes and implementation of geotechnical recommendations, will reduce impacts associated with expansive soils to a level of less than significant (Amec Foster Wheeler

2015a, 2015b). Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

e) Would the Project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of waste water?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC relies on sewers for waste water disposal and would not involve the use of alternative wastewater disposal systems. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact with Mitigation.** No known paleontological resources are located on the LAC. The LAC is located in an urbanized area previously disturbed by past activities. Furthermore, the 2004 Master Plan PEIR defines mitigation measures to reduce any impacts to paleontological resources discovered during construction to less than significant. Additionally, the LAC does not contain any unique geologic features. Therefore, no significant impacts will result from construction activities, no significant change is anticipated from previous analyses, and no further study of the issue is required. The mitigation included in the PEIR for the 2004 Master Plan includes the following:

**MM PALEO 1 (MM 4.8-1a in PEIR):** Prior to earthmoving that will reach depths of more than 10 feet bgs, a Project paleontologist will be retained by LBCC and will develop a mitigation plan and a discovery clause/treatment plan to be implemented during earthmoving on the Project Site. At a minimum, the treatment plan will require the recovery and subsequent treatment of any fossil remains and associated data uncovered by earthmoving activities. As part of the plan, the Project paleontologist will develop a storage agreement with the Natural History Museum of Los Angeles County, Vertebrate Paleontology Section, San Bernardino County Museum, or another acceptable museum repository to allow for the permanent storage and maintenance of any fossil remains recovered as a result of the mitigation program, and for the archiving of associated specimen data and corresponding geologic and geographic site data at the museum repository.

**MM PALEO-2: (MM 4.8-1b)** The paleontologist and a paleontologic construction monitor shall attend a pre-grade meeting to explain the mitigation program to grading contractor staff and to develop procedures and lines of communication to be implemented if fossil remains are uncovered by earthmoving.

**MM PALEO-3: (MM 4.8-1c)** Paleontologic monitoring of earthmoving will be conducted by the monitor in areas of the Project Site underlain by previously undisturbed strata that will be disturbed by earthmoving extending 10 feet bgs.

**MM PALEO-4: (MM 4.8-1d)** If fossil remains are found by the monitor, earthmoving will be diverted temporarily around the fossil site until the remains have been recovered and the monitor agrees to allow earthmoving to proceed.

**MM PALEO-5: (MM 4.8-1e)** If Pliocene-Pleistocene marine sediments are encountered, up to 6,000 pounds of fossiliferous rock will be recovered from each fossil-bearing site and processed to allow for the recovery of smaller fossil remains.

**MM PALEO-5: (MM 4.8-1f)** Any recovered fossil remains will be prepared to the point of identification and identified to the lowest taxonomic level possible by knowledgeable paleontologists. The remains then will be curated and catalogued, and associated specimen data and corresponding geologic and geographic site data will be archived at the museum repository by a laboratory technician. The remains then will be accessioned into the museum repository fossil collection, where they will be permanently stored, maintained, and, along with associated specimen and site data, made available for future study by qualified investigators.

**MM PALEO-6: (MM 4.8-1g)** A final report of findings will be prepared by the paleontologist for submission to LBCC and the museum repository following accessioning of the specimens into the museum repository fossil collection. The report will describe geology/stratigraphy; summarize field and laboratory methods used; include a faunal list and an inventory of curated/catalogued fossil specimens; evaluate the scientific importance of the specimens; and discuss the relationship of any newly recorded fossil site in the parcel to relevant fossil sites previously recorded from other areas.

**Further Study Required:** Further evaluation of the potential geology and soils impacts is not required.

#### 4.11. Greenhouse Gas Emissions

a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** The Proposed Project will generate emissions of greenhouse gases (GHGs) from mobile sources mostly related to the operation of machinery on site associated with demolition, renovation, and construction of new buildings on site. Additionally, the Proposed Project has the potential to generate emission of GHGs from stationary sources related to the operation of buildings and facilities at the LBCC LAC campus. The California Air Resources Board (CARB) has statutory responsibility to maintain a statewide inventory of GHG emissions. The California GHG inventory compiles statewide anthropogenic GHG emissions and sinks. An analysis of GHG emissions from the

Proposed Project is being prepared as part of the EIR. The EIR will further analyze impacts related to the generation of GHG emissions.

b) Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** An analysis of the Proposed Project's impacts on applicable plans, policies, and regulations adopted for the purpose of reducing the emissions of GHGs will be included in the EIR.

**Issues Requiring Further Study.** The SEIR will include further study related to short-term construction emissions, long-term operational emissions, and GHG emissions, including compliance with plans or policies related to GHG emissions.

#### 4.12. HAZARDS AND HAZARDOUS MATERIALS

a) Would the Project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** As previously discussed in the PEIR, asbestos inspections conducted by CF Environmental, Inc., in April 2002 identified the presence and quantity of asbestos containing materials (ACM) in all permanent buildings at LBCC LAC. Compliance with federal and state law ensures that, prior to demolition, alteration, or renovation, (1) proper notification is given to the SCAQMD, (regulates airborne pollutants), and the local California OSHA office; and (2) the LBCCD will certify that ACM's have been removed or mitigated by a licensed asbestos abatement contractor certified by the State of California Contractors Licensing Board. Because these permitting requirements automatically apply to Project development, they are considered standard conditions for Project approval that will reduce potential effects to a less than significant level during construction and operation. In addition, the Proposed Project would include the mitigation measures as outlined in the 2004 Master Plan PEIR and included below.

The use of hazardous materials (i.e., fuel, cleaning solvents, paint, etc.) during construction activities will be minimal and in compliance with applicable City, State, and Federal regulations. The use of hazardous materials post-construction will include minimal amounts of cleaning solvents and fuel for janitorial purposes and landscaping maintenance. Limited amounts of these types of hazardous materials will be transported or disposed of during routine day-to-day operations. Therefore, no significant impacts are expected and no further study of the issue is required. The mitigation measure included in the 2004 Master Plan PEIR includes the following:

**MM HAZ-1: (MM 4.10-1 and 2 in the PEIR)** Prior to demolition, alteration, or renovation of structures at LAC, a LBP sampling and analysis survey of buildings and appurtenances will be conducted to assess the presence of LBP. If found, prior to demolition, alteration, or renovation, the LBP will be removed and disposed of by a licensed LBP abatement contractor certified by the State of California Contractors Licensing Board in compliance with state and federal policy.

b) Would the Project 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?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Hazardous or flammable substances that may be used during the construction phase of the Proposed Project would include vehicle fuels and oils for the operation of heavy equipment. Diesel and/or other construction equipment and vehicle fuels would be used; however, the transport, storage, and usage of hazardous materials such as fuels are regulated by the State. The Proposed Project would comply with all State regulations during construction reducing any impacts to be less than significant. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

c) Would the Project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Twain Elementary School is located approximately 0.25-mile north of the LBCCD LAC. Construction of the Proposed Project will result in the storage and use of minimal amounts of hazardous materials for routine cleaning and landscaping on LAC. The use of hazardous materials (i.e., fuel, cleaning solvents, paint, etc.) during construction activities will be minimal. The Proposed Project would comply with applicable City, State, and Federal regulations reducing any impacts to less than significant. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) Would the Project 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?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



**No Impact.** The Proposed Project site is not included on the list of hazardous material sites compiled by the government (California Department of Toxic Substances Control 2017, California State Water Resources Control Board 2017). Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

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 or excessive noise for people residing or working in the Project area?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LBCCD LAC is located approximately 0.3-mile northeast of the Long Beach Municipal Airport; however, the LAC is located well outside the 65 dB CNEL contour for the airport (Chambers Group 2009). Additionally, the LBCC LAC is not located within any of the nine Runway Protection Zones (RPZ) identified in the Airport Land Use Compatibility Plan (ALUCP) of the Long Beach Municipal Airport. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

f) Would the Project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project will be designed to provide unobstructed access at all times. Permitting requirements require the Long Beach Fire Department and the Division of State Architect (DSA) to perform an Access Compliance review and a Fire and Life Safety review, respectively, prior to approval of the Proposed Project drawings and specification documents. Emergency access will be ensured and the Proposed Project will not interfere with adopted emergency response or evacuation plans. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

g) Would the Project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC is located in an urbanized area of the City of Long Beach that does not include wildlands or high fire hazard terrain or vegetation. The Proposed Project will not expose persons or structures to the risk of wildland fires during construction or operation. Therefore, no impacts are

expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** Further evaluation of the potential hazards and hazardous materials impacts is not required.

#### 4.13. HYDROLOGY AND WATER QUALITY

a) Would the Project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Surface water runoff from LBCCD LAC is regulated under the City of Long Beach National Pollutant Discharge Elimination System (NPDES) permit (NPDES Permit No. 99-060, CAS004003/CI 8052) for municipal stormwater discharges. Surface water runoff from LAC for construction activities is regulated under the statewide NPDES General Permit for Stormwater Discharges Associated with Construction Activity (General Construction Permit, Order No. 99-08-DWQ; Permit No. CAS000002). Pollutants from construction activities have the potential to enter the LAC storm drain system. To reduce potential impacts to water quality and to comply with the requirements of the NPDES General Construction Permit, a Stormwater Pollution Prevention Plan (SWPPP) will be prepared. The SWPPP outlines BMPs that prevent such impacts. BMPs would be implemented prior to initiation of construction activities and throughout the duration of construction reducing any impacts to less than significant. Additionally, the LAC is developed and not identified as a groundwater recharge basin. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Would the Project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The Proposed Project is located on a developed site and will not 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. Construction of the Proposed Project will not significantly alter existing groundwater recharge patterns. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

c) Would the Project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i. Result in substantial erosion or siltation on- or off-site?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The LAC is an existing campus in an urbanized location. The drainage pattern of the LAC and surrounding area is established and there are no streams or rivers on the LAC. The drainage system for LAC and the City of Long Beach is also established. Construction activities will conform to regulatory requirements and will not result in substantial erosion or siltation on or off site. Additionally, the Proposed Project would not result in a significant increase in impervious surface on the LAC. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The drainage pattern of the LAC and surrounding area is established and there are no streams or rivers on the LAC. The drainage system for LAC and the City of Long Beach is also established. The Proposed Project would not substantially increase the amount of impervious surface on the LAC. The amount of surface runoff resulting from implementation of the Proposed Project would be similar to the existing condition. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Implementation of the Proposed Project will not exceed the capacity of the existing stormwater drainage system or result in additional sources of polluted runoff. As part of implementation of the Proposed Project, improvements will be made to the existing campus drainage system. The District will also prepare a Standard Urban Stormwater Mitigation Plan (SUSMP) for LAC. SUSMP requirements require “treatment” of 85 percent of the total annual runoff. The BMPs identified

in the SUSMP will reduce impacts to water quality to less than significant level. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

iv. Impede or redirect flood flows?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC is a developed site and is not located in a Flood Hazard Zone or 100-year or 500-year flood plain (FEMA 2008). Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) In flood hazard, tsunami or seiche zones, risk release of pollutants due to project inundation?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** Seiche is not an assumed hazard in the Proposed Project area. Tsunamis have the potential to impact the coastal area; however, LAC is located five miles inland and is not located in an inundation or tsunami hazard area (City 1988). Additionally, the LAC is not located in a Flood Hazard Zone. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less Than Significant Impact.** The Regional Water Board's Basin Plan is the applicable water quality control plan for the Proposed Project area. The Basin Plan is designed to preserve and enhance water quality and protect the beneficial uses of all regional waters. As mentioned above, the Proposed Project would comply with the NPDES General Construction Permit, which required the preparation of a SWPPP. The SWPPP outlines BMPs that prevent impacts to water quality. BMPs would be implemented prior to initiation of construction activities and throughout the duration of construction reducing any impacts to less than significant. Additionally, the operation use of the Proposed Project area will remain the same as the existing use and rate and amount of runoff would be substantially similar to existing conditions. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** Further evaluation of the potential hydrology and water quality impacts is not required.

#### 4.14. LAND USE AND PLANNING

a) Would the Project physically divide an established community?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project is located within an established institutional setting and is a continuation of existing educational uses. The Proposed Project will not physically divide an established community. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Would the Project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project is in conformance with the Land Use Element of the City of Long Beach General Plan's land use designation of "Institutions/Schools." Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** Further evaluation of the potential land use impacts is not required.

#### 4.15. MINERAL RESOURCES

a) Would the Project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** LBCC LAC is located northeast of the Wilmington Oil Field (LBCCD 2004). There is no extraction of oil on the LAC, and there will be no loss of availability of oil to the region or state. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.



b) Would the Project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC is not designated as an important mineral resource recovery site in the City of Long Beach General Plan or any other land use plan (City 1973). There is no extraction of mineral resources on the LAC. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** Further evaluation of the mineral resource impacts is not required.

#### 4.16. NOISE

a) Would the Project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** Construction and operation of the Proposed Project could potentially expose nearby sensitive uses (such as the adjacent residences) to noise levels above established noise standards. The Proposed Project would create noise on a temporary basis during construction due to the use of construction equipment. Permanent operational impacts associated with the redistribution of traffic in the area, and mechanical equipment associated with heating, ventilation, air conditioning, and building operations could also be significant sources of noise. Noise impacts associated with the exposure to or generation of noise levels in excess of standards established by the City of Long Beach are considered potentially significant. Analysis of the Proposed Project's consistency with local noise standards and guidelines based on existing and proposed land uses within and surrounding the sites will be completed. Therefore, this impact will be analyzed in the SEIR.

b) Would the Project result in generation of excessive groundborne vibration or groundborne noise levels?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** The Proposed Project may result in generation of groundborne vibration or noise levels. Construction activities typically create an increase in groundborne vibrations and noise levels. Groundborne vibrations and noise generated by construction activities associated with the Proposed Project would increase noise levels intermittently at nearby sensitive receptors. The California Department of Transportation (Caltrans) has established groundborne vibration thresholds expressed in Peak Particle Velocity (PPV) for residences and buildings. Therefore, sensitive uses may be subjected to vibration attributable to construction activities in excess of these standards. As such, this impact would be evaluated further in the SEIR.

**Issues Requiring Further Study.** Issues requiring further study in the SEIR include construction and operation noise impacts, vibration impacts, and potential to expose sensitive receptors to noise above ambient noise levels.

#### 4.17. POPULATION AND HOUSING

a) Would the Project induce unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The 2041 Facilities Master Plan identifies capital improvement strategies to accommodate future program needs based on enrollment growth through 2041 and is designed to respond to projected increases in population in the LBCCD through 2041. The Proposed Project will facilitate the Master Plan capital improvements. The LAC Facilities Master Plan does not induce population growth, employment growth, or housing growth. The enrollment growth is expected to come from local residences and is not expected to draw significantly from out of town students who would require additional housing. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Would the Project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** There is no removal or addition of housing related to the Proposed Project. The Proposed Project will not result in the displacement of housing or people. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** No further study of population and housing is required.

#### 4.18. PUBLIC SERVICES

a) Would the Project 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, construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
Fire Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Long Beach Fire Department serves the LBCC LAC. The closest fire station to the LAC is Fire Station 19, located one-half mile south. The Proposed Project will be implemented in compliance with applicable state and municipal code requirements that regulate construction, emergency access, water main capacity, fire flows, and fire hydrant capacity and location. The Proposed Project will be designed to provide unobstructed access to the Proposed Project Site at all times. Emergency access will be ensured through an Access Compliance review by the appropriate fire department and a Fire and Life Safety review by the Division of State Architect (DSA). Existing fire safety compliance will be enforced through established state and municipal project review and permitting procedures. The Proposed Project's compliance with these procedures will ensure that it does not exceed a fire department's ability to provide adequate fire protection and emergency services to the LAC during construction and operation. Therefore, the Proposed Project will not result in short-term or long-term impacts to a fire department's ability to provide fire protection and emergency services to the LAC. No impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Police Protection?

	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** Campus security is provided by the Long Beach Police Department (LBPD) City College Section, comprised of a Lieutenant, police officers, and security officers assigned to both LBCC LAC and PCC. Security is provided 24 hours a day, seven days a week. The City College Section is responsible for campus law enforcement, security, safety escorts, and emergency response. Proposed Project construction will comply with campus security emergency access, site lighting, and crime prevention requirements and procedures. Compliance with these procedures will ensure that the Proposed Project will not increase the need for police protection services. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

c) Schools?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LBCC LAC Facilities Master Plan identifies capital improvement strategies to accommodate future program needs based on enrollment growth through 2041 and is designed to respond to projected increases in population in the LBCCD through 2041. The Proposed Project will facilitate the Facilities Master Plan capital improvements and will not induce population growth that would result in long-term impacts to public schools. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) Parks?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**No Impact.** The Proposed Project includes new construction of a new swimming pool along with physical education outdoor playing fields to include a relocated softball field, two soccer fields, six tennis courts, five sand volleyball courts, and supporting facilities, restrooms, field house, and storage. During relocation of the softball field, a temporary lack of public access to the softball field would occur. Demands for access to these fields can be satisfied at other recreation facilities located in the City of Long Beach with little, if any, impact to those facilities. After construction, the new swimming pool facility and outdoor playing fields would better serve the college and the public. This and the other improvements to recreational facilities would result in a beneficial long-term impact to parks and recreation facilities in the Project Area. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

e) Other public facilities?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project would not result in any impacts to other public facilities. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** No further study of public services is required.

#### 4.19. Recreation

a) Would the Project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The Proposed Project includes new construction of a new swimming pool along with physical education outdoor playing fields to include a relocated softball field, two soccer fields, six tennis courts, five sand volleyball courts, and supporting facilities, restrooms, field house, storage. During relocation of the softball field, a temporary lack of public access to the softball field would occur. Demands for access to these fields can be satisfied at other recreation facilities located in the City of Long Beach with little, if any, impact to those facilities. After construction, the new swimming pool facility and outdoor playing fields would better serve the college and the public. This and the other improvements to recreational facilities would result in a beneficial long-term impact to parks and recreation facilities in the Project Area. Therefore, less than significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Does the Project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less-than-Significant Impact.** See discussion regarding recreational facilities in Section 4.19 Impact a), above. The Proposed Project would not require the construction or expansion of off-site recreational facilities. The Proposed Project would include upgrades to existing recreational facilities. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** No further study of recreation is required.

#### 4.20. TRANSPORTATION

a) Would the Project conflict with a plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle lanes, and pedestrian paths?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** The Proposed Project has no components that will cause conflict or alter adopted policies, plans, or programs supporting alternative transportation. The Proposed Project includes upgrades to the LAC pedestrian and bicycle circulation system. However, implementation of the Proposed Project has the potential to cause an increase in traffic that is substantial in relation to the existing traffic load and capacity of the street system. This could result in a corresponding increase in the volume to capacity ratio on these roadways or increased congestion at intersections and, therefore, represents a potentially significant impact. The SEIR will document the results of a detailed traffic study, including the analysis of traffic impacts at local intersections and roadway segments and access to the LAC.

b) For a land use project, would the project conflict or be consistent with CEQA Guidelines section 15064.3, subdivision (b)(1)?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less Than Significant Impact.** The Proposed Project area is located within one-half mile of numerous transit stops. Although the Proposed Project would not likely reduce vehicle miles travelled in the project area compared to existing conditions, the proximity to multiple transit stops would result in a less than significant impact associated with transportation. Therefore, no significant impacts are expected, and no further analysis is required.

c) For a transportation project, would the project conflict or be consistent with CEQA Guidelines section 15064.3, subdivision (b)(2)?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project is not a transportation project. Therefore, no impacts are expected, and no further study of the issue is required.

d) Would the Project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact



<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**No Impact.** The LAC is located in a developed urban area characterized by moderate traffic levels. The Proposed Project will involve upgrades and improvements to vehicular and pedestrian access and circulation. The Proposed Project will not pose traffic hazards to motor vehicles, bicyclists, or pedestrians. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

e) Would the Project result in inadequate emergency access?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** Implementation of the Proposed Project will be designed to provide unobstructed access at all times. Permitting requirements require the Long Beach Fire Department and the DSA to perform an Access Compliance review and a Fire and Life Safety review prior to approval of Proposed Project drawings and specification documents. Therefore, emergency access will be ensured and the Proposed Project will not interfere with adopted emergency response or evacuation plans. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** Further study of transportation especially related to policies or plans related to the circulation system is required and will be addressed in the SEIR.

## 4.21. TRIBAL CULTURAL RESOURCES

### 4.21.1 Evaluation

a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k),	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact:** The LBCC LAC is in an urbanized area that has been previously disturbed by past activities. A Chambers Group archaeologist visited the subject property in 2004 and determined that no open ground was present for viable for archaeological survey due to the presence of buildings, hardscape, and landscaped areas that cover the project area. Results of the 2004 records search and assessment found no previously recorded historical resources (or local register historical resources) present on the LAC campus (Chambers Group 2004).

On November 11, 2017, Chambers Group, Inc. received the results of the updated records search from the SCCIC housed at the California State University, Fullerton. The results with the SCCIC found no listed or eligible for listing CRHR historical resources or local register resources present within the Project area. Additionally, a search with the NAHC failed to identify any SLF within the Project area.

On December 14, 2017, LBCCD submitted an AB 52 project notification letter to Mr. Anthony Morales (Chief, San Gabriel Band of Mission Indians), which is the only Tribe that has requested notification of projects for this area under AB 52 from LBCCD. The notification letter included project information, location, point of contact for the District, and requested that the Tribe respond within 30 days if they would like to consult on this Project. As of January 30, 2018, no response has been received from the Tribe requesting consultation on the Project. The 30-day request for consultation ended January 13, 2018. As a result, AB 52 tribal consultation efforts are considered closed for this Project.

Based on the 2004 and 2017 findings there are no tribal cultural resources present within the Project area, and little to no potential for buried tribal cultural resources based on the past disturbance and development of the campus. However, in the event tribal cultural resources are uncovered during earth moving construction activities the mitigation measures presented above for cultural resources shall be in effect (CUL-1 and CUL-2).

ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact:** The LBCC LAC is in an urbanized area that has been previously disturbed by past activities. A Chambers Group archaeologist visited the subject property in 2004 and determined that no open ground was present for viable for archaeological survey due to the presence of buildings, hardscape, and landscaped areas that cover the project area. Results of the 2004 records search and assessment found no previously recorded cultural resources present on the LAC campus (Chambers Group 2004).

On November 11, 2017, Chambers Group, Inc. received the results of the updated records search from the SCCIC housed at the California State University, Fullerton. The results with the SCCIC found Native

American cultural resources recorded within the project area. Additionally, a search with the NAHC SLF search, did not identify any SLFs within the Project area.

On December 14, 2017, LBCCD submitted an AB 52 project notification letter to Mr. Anthony Morales (Chief, San Gabriel Band of Mission Indians), which is the only Tribe that has requested notification of projects for this area under AB 52 from LBCCD. The notification letter included Project information, location, point of contact for the District, and requested that the Tribe respond within 30 days if they would like to consult on this Project.

As of January 30, 2018, no response has been received from the Tribe requesting consultation on the Project. The 30-day request for consultation ended January 13, 2018. As a result, AB 52 tribal consultation efforts are considered closed for this Proposed Project.

Therefore, based on the 2004 and 2017 findings there are no tribal cultural resources present within the Project area, and little to no potential for buried tribal cultural resources based on the past disturbance and development of the campus. However, in the event tribal cultural resources are uncovered during earth moving construction activities the mitigation measures presented above for cultural resources shall be in effect (CUL-1 and CUL-2).

**Further Study Required:** No further study of tribal cultural resources is required.

#### 4.22. UTILITIES AND SERVICE SYSTEMS

a) Would the Project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction of which could cause significant environmental effects?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less Than Significant Impact.** The Proposed Project would not be expected to place an undue burden on existing water, wastewater treatment, electric power, natural gas, or telecommunication facilities. The Proposed Project would be developed on a site where the LAC is already established in an urbanized setting. The Proposed Project will not induce growth, but will accommodate a regional growth in population. Such development was taken into account by regional water purveyors and wastewater treatment facilities in their regional planning for upgrading facilities (LBWD 2015, LBWD 2014). Additionally, electric and natural gas utilities are considered on demand utilities and service is provided as needed.

The Proposed Project will involve upgrades to the existing on-site stormwater conveyance system. Short-term impacts to site drainage during construction will be mitigated through the use of BMPs. Long-term impacts will not result to the storm drain system as the Proposed Project will not significantly increase impervious surfaces that would contribute to additional stormwater flow. Therefore, no

impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Would the Project have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project will not induce growth, but will accommodate a regional growth in population for which future water use has been accounted by regional water purveyors (LBWD 2015). Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

c) Would the Project 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?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project will not induce growth, but will accommodate a projected growth in student population for which future demand on regional wastewater facilities has been projected by local and regional planning agencies. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) Would the Project generate solid waste in excess of State or local standards or in excess of the capacity of local infrastructure?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The Sanitation Districts of Los Angeles County (LACSD) and private waste management collectors and disposal facilities manage solid waste in the county. The LACSD operates a comprehensive solid waste management system that includes three active sanitary landfills, three closed landfills, two materials recovery/transfer stations, three gas-to-energy facilities, a clean-fuel facility, two full-service recycle centers, multiple landfill recycling programs, and, in conjunction with the County's Department of Public Works, an extensive program of household hazardous waste and electronic waste collection round-ups.

The active landfills and the materials recovery/transfer stations receive approximately 19,000 tons of nonhazardous solid waste per day, of which approximately 15,500 tons per day is disposed, with the remainder being reused or recycled. This disposal represents approximately 40 percent of the total solid

waste disposed of by the residents and businesses of the county. The remaining 60 percent is disposed of at privately owned landfills. In general, solid waste is hauled directly to Class III landfills, transfer stations, resource recovery centers, and refuse-to-energy facilities.

The Proposed Project will not significantly affect the volume of solid waste. Construction of the Proposed Project would result in the generation of solid waste including scrap lumber, concrete, residual waste, packaging material, plastics, and vegetation. To ensure optimal diversion of solid waste resources by the Proposed Project, the District will require contractors to recycle or salvage nonhazardous waste materials generated during demolition and/or construction, to foster material recovery and reuse, and to minimize disposal in landfills. Furthermore, impacts from construction activities will be short-term and intermittent, and will be mitigated by compliance with existing state solid waste reduction statutes. A less than significant impact to regional landfills is expected to result from the Proposed Project. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

e) Would the Project negatively impact the provision of solid waste services or impair the attainment of solid waste reduction goals?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less Than Significant Impact.** As discussed above, construction of the Proposed Project would result in the generation of solid waste including scrap lumber, concrete, residual waste, packaging material, plastics, and vegetation. To ensure optimal diversion of solid waste resources by the Proposed Project, the District will require contractors to recycle or salvage nonhazardous waste materials generated during demolition and/or construction, to foster material recovery and reuse, and to minimize disposal in landfills. Furthermore, impacts from construction activities will be short-term and intermittent, and will be mitigated by compliance with existing state solid waste reduction statutes. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

f) Would the Project comply with federal, state, and local statutes and regulations related to solid waste?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Proposed Project will comply with all applicable federal, state, and local statutes and regulations relating to solid waste. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** No further study of utilities is required.

#### 4.23. WILDFIRE

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

a) Impair an adopted emergency response plan or emergency evacuation plan?

Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC is not located within a state or locally classified very high fire hazard severity zone (Cal Fire 2007, 2011). Additionally, emergency access will be ensured and the Proposed Project will not interfere with adopted emergency response or evacuation plans. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC is located in an urbanized area of the City of Long Beach that does not include wildlands or high fire hazard terrain or vegetation. Additionally, the Proposed Project area is relatively flat and does not contain perceptible slopes on site. The Proposed Project will not expose occupants to pollutant concentrations from a wildfire during construction or operation. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC is located in an urbanized area of the City of Long Beach that does not include wildlands or high fire hazard terrain or vegetation. Additionally, the Proposed Project does not include the installation or maintenance of structures associated with fire prevention or control. Therefore, no



impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The LAC is located in an urbanized area of the City of Long Beach that does not include wildlands or high fire hazard terrain or vegetation. Additionally, the Proposed Project area is relatively flat. Therefore, no impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

**Further Study Required:** No further study of risk associated with wildfire is required.

#### 4.24. MANDATORY FINDINGS OF SIGNIFICANCE

a) Does the Project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** The Proposed Project site does not contain any sensitive natural resources, which could be disturbed as a result of the Proposed Project. Due to the highly urbanized nature of the Proposed Project area, the Proposed Project would not reduce the habitat of fish and wildlife species; cause a fish or wildlife population to drop below self-sustaining levels; threaten to eliminate a plant or animal community; or reduce the number or restrict the range of a rare or endangered plant or animal. Additionally, the Proposed Project would not significantly impact examples of the major periods of California history or prehistory with the incorporation of mitigation measures mentioned above. Therefore, no significant impacts are expected, no significant change is anticipated from previous analyses, and no further study of the issue is required.

b) Does the Project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a Project are considerable when viewed in connection with the effects of past Projects, the effects of other current Projects, and the effects of probable future Projects)?

Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** Implementation of the Proposed Project would have the potential to have impacts that are individually limited, but cumulatively considerable. Where the Proposed Project would have no impact, specifically with respect to agricultural resources, biological resources, mineral resources, and population and housing, it would not contribute to cumulative impacts. In addition, issues specific to site conditions, such as site geology and soils, do not have cumulative effects. The Proposed Project is not growth inducing; thus, it would not contribute to the cumulative effects of population growth. The incremental effects of the Proposed Project that could contribute to cumulative impacts include air, noise, and traffic impacts associated with vehicle trips generated by the project and construction impacts. These issues will be further analyzed in the SEIR, and, subsequently, their cumulative effects will also be analyzed in the SEIR.

c) Does the Project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?

Potentially Significant Impact	Less than Significant With Mitigation Incorporation	Less than Significant Impact	No Impact
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Potentially Significant Impact.** The Proposed Project could potentially result in environmental effects that may cause adverse effects on human beings with regard to the following environmental areas discussed in this NOP/IS: air quality, noise, and traffic. These issues will be studied further in the SEIR.

## SECTION 5.0 – REFERENCES

### Amec Foster Wheeler

- 2015a Geotechnical Investigation Proposed Auditorium Renovation and Additions. September 2015
- 2015b Report of Geotechnical Investigation Proposed Building P Renovation. August 2015.

### California Department of Conservation

- 2016 Important Farmland in California, Farmland Mapping and Monitoring Program Map  
<http://www.conservation.ca.gov/dlrp/FMMP/Pages/Index.aspx>

### California Department of Forestry and Fire Protection (Cal Fire)

- 2007 Los Angeles County Fire Hazard Severity Zone Map. State Responsibility Area.
- 2011 Los Angeles County Fire Hazard Severity Zone Map. Local Responsibility Area.

### California Department of Transportation (Caltrans).

- 2004 Transportation-and Construction-Induced Vibration Guidance Manual, June 2004.
- 2017 *California Scenic Highway Mapping System*.  
[http://www.dot.ca.gov/hq/LandArch/16\\_livability/scenic\\_highways/](http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/)

### California Department of Toxic Substances Control

- 2017 <http://www.envirostor.dtsc.ca.gov/public/>

### California State Water Resources Control Board

- 2017 <http://geotracker.waterboards.ca.gov>

### Chambers Group Inc.

- 2004 Long Beach City College Draft PEIR for Liberal Arts College Master Plan
- 2009 Draft Supplemental EIR Long Beach City College Unified 2020 Master Plan Liberal Arts Campus
- 2017 Cultural Resources Memo Report

### City of Long Beach General Plan (City)

- 1973 Conservation Element
- 1975 Scenic Highways Element

1988	Seismic Safety Element
1989	Land Use Element
1991	Transportation Element
1996	Air Quality Element
1998	Department of Building and Planning, Zoning Map
2002	Open Space and Recreation Element

City of Long Beach Public Works Department

2006	Tree Maintenance Policy
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Federal Emergency Management Agency (FEMA)

2008	National Flood Insurance Rate Map
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Long Beach Community College District (LBCCD)

2004	Long Beach City College Master Plan Liberal Arts Campus
2007	Long Beach City College 2020 Unified Master Plan
2016	2041 Facilities Master Plan

Long Beach Water Department

2014	Long Beach Sewer System Management Plan (SSMP) Final Report
2015	Long Beach Water 2015 Urban Water Management Plan

## **SECTION 6.0 – REPORT AUTHORS AND CONSULTANTS**

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*Justin Castells*  
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**APPENDIX A – CULTURAL RESOURCES MEMO**



**To:** Long Beach Community College District (LBCCD) and Interested Parties

**From:** Rachael Nixon, MA, RPA

**Date:** February 5, 2018

**RE:** Long Beach Community College District 2041 Facilities Master Plan – Liberal Arts Campus Cultural Resources Records Search Update

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In July 2009, Chambers Group, Inc. (Chambers Group) prepared a Cultural Resources Inventory for Liberal Arts and Pacific Coast campuses of Long Beach City College as part of Long Beach Community College District 2020 Unified Master Plan. As part of the report, a cultural resources records search/literature review was conducted on April 6, 2009 at the South Central Coastal Information Center (SCCIC), located at California State University, Fullerton Campus. The purpose of this review was to examine any existing cultural resources survey reports, archaeological site records, and historic maps to determine whether previously documented prehistoric or historic archaeological sites, architectural resources, cultural landscapes, or ethnic resources exist within or near the property. The records search/literature review was also conducted to determine whether any historic properties listed on or determined eligible for listing on the National Register of Historic Places (NRHP) or California Register of Historical Resources (CRHR) exist within a one-mile radius of property. The following update is for the Liberal Arts campus.

The results of the 2009 records search indicated that seven prior cultural resource studies and one historical resource are located within a 1-mile search radius of the project location. No prior cultural resource surveys or historic or cultural resources were identified within the project area.

An updated records search was conducted on November 11, 2017 at the SCCIC. Based on the results of the updated records search, 16 prior cultural resources reports are located within the 1-mile search radius and five of those reports are located within the project area. Three cultural resources have been identified within the 1-mile search radius, one prehistoric resource and two built environment resources. None of the previously recorded prehistoric or historic resources are located within the project area.

In addition to the updated records search, Chambers Group contacted the Native American Heritage Commission (NAHC) to conduct a Sacred Lands File (SLF) search of the project area to determine if resources significant to Native American groups are located within the project area. In a letter dated November 28, 2017, the NAHC responded that the review of the SLF returned negative results for the project area.

Based on the results of the updated records search and NAHC SLF search, there has been no change to the potential for cultural resources within the project area from the 2009 report. Chambers Group recommends that no further cultural resources work is required for this project.