



DRAFT

ENVIRONMENTAL IMPACT REPORT

The Bloc

Environmental Case: ENV-2021-9959-EIR
State Clearinghouse No. 2022120319

Project Location: 700 South Flower Street, 700 West 7th Street, 711 and 775 South Hope Street, Los Angeles, California 90017

Community Plan Area: Central City

Council District: 14—de León

Project Description: The Project would develop 466 residential units within a new high-rise tower (Residential Tower) on the southern half of the Project Site (Development Area), in conjunction with the enclosure of the rooftop parking level of the existing nine-story podium building and addition of two levels of parking, increasing the podium to 12 stories. The 53-story high-rise tower would be located within and above the expanded parking podium (Residential Tower). The existing hotel, office, and commercial uses on the Project Site would be retained, with the exception of some existing parking uses and 24,342 square feet of existing commercial floor area in the podium building that would be converted to residential uses, including a new residential lobby. Residential uses would comprise a total of 495,016 square feet of floor area, consisting of the conversion of the 24,342 square feet of existing commercial floor area and the addition of 470,674 square feet in the Residential Tower. The basement levels below the podium building would be retained. Upon completion of the Project, the Project Site would include a total of 1,894,988 square feet of floor area on a 186,674-square-foot (4.2-acre) site. A Sign District would be implemented to allow for a comprehensive signage program and would include digital displays, digital kiosks, and off-site advertising.

PREPARED FOR:

The City of Los Angeles
Department of City Planning

PREPARED BY:

Eyestone Environmental, LLC

APPLICANT:

NREA-TRC 700, LLC

Table of Contents

	<u>Page</u>
I. EXECUTIVE SUMMARY	I-1
II. PROJECT DESCRIPTION	II-1
III. ENVIRONMENTAL SETTING	III-1
A. Overview of Environmental Setting	III-1
B. Related Projects	III-5
IV. ENVIRONMENTAL IMPACT ANALYSIS	IV.A-1
A. Air Quality.....	IV.A-1
B. Cultural Resources.....	IV.B-1
C. Energy.....	IV.C-1
D. Greenhouse Gas Emissions.....	IV.D-1
E. Land Use and Planning	IV.E-1
F. Noise	IV.F-1
G.1 Public Services—Fire Protection	IV.G.1-1
G.2 Public Services—Police Protection	IV.G.2-1
H. Transportation	IV.H-1
I. Tribal Cultural Resources	IV.I-1
J.1 Utilities and Service Systems—Water Supply and Infrastructure	IV.J.1-1
J.2 Utilities and Service Systems—Energy Infrastructure	IV.J.2-1
V. ALTERNATIVES.....	V-1
A. Alternative 1: No Project	V-15
B. Alternative 2: Development in Accordance with the Proposed DTLA 2040 Plan Alternative (2 New Parking Levels)	V-25
C. Alternative 3: Development in Accordance with the Proposed DTLA 2040 Plan Alternative (No New Parking Levels)	V-46
D. Environmentally Superior Alternative	V-67
VI. OTHER CEQA CONSIDERATIONS	VI-1
VII. REFERENCES	VII-1

	<u>Page</u>
VIII. ACRONYMS AND ABBREVIATIONS	VIII-1
IX. LIST OF PREPARERS	IX-1

List of Appendices

Appendix A Initial Study, NOP, and NOP Comment Letters

 Appendix A.1 Initial Study

 Appendix A.2 Notice of Preparation

 Appendix A.3 NOP Comment Letters

Appendix B Air Quality and Greenhouse Gas Emissions

 Appendix B.1 Air Quality and Greenhouse Gas Emissions Methodology

 Appendix B.2 Air Quality Worksheet and Modeling Output Files

 Appendix B.3 Greenhouse Gas Worksheets and Modeling Output Files

Appendix C Historical Report

Appendix D Energy Resources Calculations

Appendix E Land Use Tables

Appendix F Lighting Study

Appendix G Noise Calculation Worksheets

Appendix H Public Service Provider Response Letters

 Appendix H.1 Los Angeles Fire Department Letter

 Appendix H.2 Los Angeles Police Department Letter

Appendix I Transportation

 Appendix I.1 Transportation Assessment

 Appendix I.2 Traffic Hazards Review Letter

 Appendix I.3 Los Angeles Department of Transportation Assessment Letter

Appendix J Tribal Cultural Resources

 Appendix J.1 TCR Assessment

 Appendix J.2 AB 52 Notification Letters and Verification of Mailings

 Appendix J.3 AB 52 Pre-conclusion and Closure Letters

Appendix K Utility Report

Appendix L VMT Runs for Alternatives

 Appendix L.1 VMT Calculator Output for Alternative 2

 Appendix L.2 VMT Calculator Output for Alternative

List of Figures

<u>Figure</u>		<u>Page</u>
II-1	Project Location Map	II-3
II-2	Aerial Photograph of the Project Site and Vicinity.....	II-4
II-3	Illustrative Site Plan	II-10
II-4	Existing and Proposed Massing.....	II-12
II-5	Conceptual Rendering—Aerial View.....	II-15
II-6	Conceptual Rendering—Aerial View of Tower Rooftop	II-16
II-7	Conceptual Rendering—View of Entry	II-19
II-8	Conceptual Landscape Plan—Level 12.....	II-21
II-9	Conceptual Landscape Plan—Level 51	II-22
II-10	Conceptual Landscape Plan—Plaza Level	II-24
II-11	Vehicular and Pedestrian Site Access Plan.....	II-26
II-12	Conceptual Sign Plan—North Elevation	II-32
II-13	Conceptual Sign Plan—West Elevation.....	II-33
II-14	Conceptual Sign Plan—South Elevation.....	II-34
II-15	Conceptual Sign Plan—East Elevation.....	II-35
III-1	Related Project Location Map.....	III-12
IV.A-1	2016 AQMP Ozone Trends	IV.A-24
IV.A-2	2022 AQMP Ozone Trends	IV.A-25
IV.A-3	SCAQMD SRAs.....	IV.A-27
IV.A-4	MATES V Total Cancer Risk for Project Area.....	IV.A-31
IV.A-5	Air Quality Sensitive Receptors Locations	IV.A-32
IV.B-1	Historical Resources in the Study Area	IV.B-23
IV.B-2	7th Street Commercial Historic District	IV.B-24

<u>Figure</u>		<u>Page</u>
IV.E-1	Land Use Designations on the Project Site	IV.E-16
IV.E-2	Zoning Designations on the Project Site.....	IV.E-17
IV.F-1	Decibel Scale and Common Noise Sources	IV.F-3
IV.F-2	Guidelines for Noise Compatible Land Use	IV.F-14
IV. F-3	Noise Measurement Locations	IV.F-20
IV.G.1-1	Fire Stations in the Vicinity of the Project Site	IV.G.1-14
IV.G.2-1	Police Station Serving the Project Site	IV.G.2-9
IV.H-1	Existing Street System.....	IV.H-14
IV.H-2	Existing Transit Network	IV.H-15

List of Tables

<u>Table</u>		<u>Page</u>
I-1	Summary of Impacts Under the Project	I-11
II-1	The Bloc—Podium and Tower Building Levels and Uses.....	II-11
II-2	Summary of Existing and Proposed Floor Area	II-14
II-3	Summary of Proposed Open Space	II-20
II-4	Vehicular Code Parking Requirement Summary.....	II-27
II-5	Proposed Digital Display Signs and Identification Signs	II-30
II-6	Proposed Digital Display Kiosks	II-31
III-1	Related Projects	III-8
IV.A-1	Ambient Air Quality Standards.....	IV.A-3
IV.A-2	Summary of Ambient Air Quality in the Project Vicinity.....	IV.A-29
IV.A-3	Estimated Daily Regional Operational Criteria Pollutant Emissions—Baseline.....	IV.A-33
IV.A-4	SCAQMD Air Quality Significance Thresholds.....	IV.A-37
IV.A-5	Project Consistency with City of Los Angeles General Plan—Air Quality Element	IV.A-56
IV.A-6	Estimate of Maximum Regional Project Daily Construction Emissions (pounds per day)	IV.A-62
IV.A-7	Estimate of Net Increase in Maximum Regional Project Daily Operational Emissions—At Project Buildout (2031).....	IV.A-63
IV.A-8	Estimate of Maximum Localized Daily Project Construction Emissions—Unmitigated (pounds per day).....	IV.A-66
IV.A-9	Estimate of Maximum Localized Project Daily Operational Emissions—At Project Buildout (2031) (pounds per day)	IV.A-67
IV.C-1	Summary of Energy Use During Project Construction	IV.C-26
IV.C-2	Summary of Annual Net New Energy Use During Project Operation.....	IV.C-29

<u>Table</u>	<u>Page</u>
IV.D-1 Description of Identified GHGs	IV.D-5
IV.D-2 Atmospheric Lifetimes and Global Warming Potentials	IV.D-6
IV.D-3 Estimated Statewide Greenhouse Gas Emissions Reductions in the 2022 Scoping Plan.....	IV.D-16
IV.D-4 Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan.....	IV.D-17
IV.D-5 California GHG Inventory (million metric tons CO ₂ e)	IV.D-41
IV.D-6 Consistency with Applicable GHG Emissions Goals and Actions of City's Green New Deal	IV.D-69
IV.D-7 Project Consistency with 2045 Carbon Neutrality Goals.....	IV.D-73
IV.D-8 Construction-Related Emissions (MTCO ₂ e).....	IV.D-78
IV.D-9 Annual GHG Emissions Summary (Buildout) (metric tons of carbon dioxide equivalent [MTCO ₂ e])	IV.D-79
IV.F-1 Construction Vibration Damage Criteria	IV.F-12
IV.F-2 Groundborne Vibration and Groundborne Impact Criteria for General Assessment	IV.F-13
IV.F-3 City of Los Angeles Presumed Ambient Noise Levels	IV.F-16
IV.F-4 City of Los Angeles Guidelines for Noise Compatible Land Use	IV.F-18
IV.F-5 Description of Noise Measurement Locations.....	IV.F-21
IV.F-6 Existing Ambient Noise Levels.....	IV.F-23
IV.F-7 Vehicle Mix for Traffic Noise Model	IV.F-23
IV.F-8 Existing Roadway Traffic Noise Levels	IV.F-24
IV.F-9 Construction Equipment Noise Levels	IV.F-33
IV.F-10 Construction Noise Impacts	IV.F-34
IV.F-11 Construction Noise Impacts—Overlapping Construction	IV.F-36
IV.F-12 Off-Site Construction Truck Noise Levels	IV.F-38
IV.F-13 Off-Site Construction Truck Noise Levels—Overlapping Construction	IV.F-39
IV.F-14 Off-Site Construction Noise Levels	IV.F-40
IV.F-15 Estimated Noise Levels from Mechanical Equipment	IV.F-42

<u>Table</u>	<u>Page</u>
IV.F-16 Outdoor Use Analysis Assumptions.....	IV.F-42
IV.F-17 Estimated Noise Levels from Outdoor Spaces	IV.F-43
IV.F-18 Estimated Noise Levels from Parking Operation	IV.F-45
IV.F-19 Roadway Traffic Noise Impacts—Future Plus Project	IV.F-46
IV.F-20 Roadway Traffic Noise Impacts—Existing Plus Project	IV.F-47
IV.F-21 Composite Noise Impacts	IV.F-49
IV.F-22 Construction Noise Impacts—With Mitigation Measures	IV.F-52
IV.F-23 Construction Noise Impacts—Overlapping Construction with Mitigation Measures.....	IV.F-53
IV.F-24 Off-Site Utility Improvements Construction Noise Levels—With Mitigation Measures.....	IV.F-55
IV.F-25 Construction Vibration Impacts—Building Damage	IV.F-56
IV.F-26 Construction Vibration Impacts—Human Annoyance	IV.F-59
IV.F-27 Cumulative Roadway Traffic Noise Impacts	IV.F-68
IV.G.1-1 Relevant General Plan Framework Element Infrastructure and Public Services Goals, Objectives, and Policies	IV.G.1-7
IV.G.1-2 Relevant General Plan Safety Element Goals, Objectives, and Policies	IV.G.1-8
IV.G.1-3 LAFD Stations Located in the Vicinity of the Project Site.....	IV.G.1-15
IV.G.1-4 Average Emergency Medical Service and Structure Fire Response Times.....	IV.G.1-17
IV.G.2-1 Relevant General Plan Framework Element Infrastructure and Public Services Goals, Objectives, and Policies	IV.G.2-5
IV.G.2-2 Estimated Service Population from Related Projects within Central Area	IV.G.2-17
IV.H-1 Existing Transit Service	IV.H-19
IV.H-2 Project Consistency With the Mobility Plan 2035.....	IV.H-36
IV.H-3 Project Consistency with Plan for a Healthy Los Angeles.....	IV.H-42
IV.H-4 Project Consistency with Central City Community Plan	IV.H-43
IV.H-5 Bicycle Parking Spaces Required by City Code	IV.H-46

<u>Table</u>	<u>Page</u>
IV.H-6 VMT Analysis Summary	IV.H-50
IV.H-7 Project Trip Volumes Added to Off-Ramps	IV.H-52
IV.I-1 California Native American Tribes Who Received Project Notifications Pursuant to PRC Section 21080.3.1.....	IV.I-12
IV.J.1-1 Relevant General Plan Utilities and Service Systems Goals, Objectives, and Policies—Framework Element: Chapter 9 Infrastructure and Public Services	IV.J.1-15
IV.J.1-2 LADWP Water Supply	IV.J.1-18
IV.J.1-3 Local Groundwater Basin Supply.....	IV.J.1-21
IV.J.1-4 LADWP Water Demand and Supply Projections	IV.J.1-29
IV.J.1-5 Estimated Project Water Demand.....	IV.J.1-38
IV.J.1-6 Cumulative Water Demand.....	IV.J.1-42
V-1 Summary Comparison of Development Proposed under the Alternatives to the Project.....	V-3
V-2 Comparison of Impacts Associated with the Alternatives	V-10