



DRAFT

ENVIRONMENTAL IMPACT REPORT

District NoHo Project

Environmental Case: ENV-2019-7241-EIR
State Clearinghouse No. 2020060573

Project Location: 11100, 11264–11280, 11320, 11163–11277, 11331–11347, and 11440 Chandler Boulevard; 11204–11270 Cumpston Street; 5300–5320 Bakman Avenue; and 5311–5373 and 5340–5356 Lankershim Boulevard, Los Angeles, California 91601

Community Plan Area: North Hollywood–Valley Village

Council District: 2—Krekorian

Project Description: The Project proposes a transit-oriented development on approximately 15.9 acres of land owned by the Los Angeles County Metropolitan Transportation Authority (Metro) at and including the terminus of Metro's B (Red) Line and G (Orange) Line (Project Site) as part of a joint development effort with Metro. The Project would include improvements to transit facilities and include approximately 1,523,528 square feet of residential uses comprised of 1,216 market rate units and 311 affordable residential units, up to 105,125 new square feet of retail/restaurant uses, and up to 580,374 new square feet of office space. The proposed uses would be located within several buildings on multiple “Blocks” ranging in height from one to 28 stories. The proposed uses would be supported by up to 3,313 vehicle parking spaces and up to 1,158 bicycle parking spaces. Up to 750 vehicle parking spaces for Metro uses, which may be located on-site, in off-site Metro lots, or some combination of on-site and off-site, as well as up to 166 Metro Bike Hub bicycle parking spaces, would also be included. The Project would include three publicly accessible plazas totaling approximately two acres, with access to the Metro B (Red) Line. Additionally, as part of the Project, certain surplus City rights-of-way are proposed to be merged into the Project Site which, if approved, would bring the total lot area to 16.07 acres. Overall, at buildout, the Project would remove 49,111 square feet of existing industrial/warehouses uses and construct 2,209,027 square feet of new floor area, resulting in a net increase of 2,158,191 square feet of floor area within the Project Site, with a Floor Area Ratio (FAR) of 3.16:1.

PREPARED FOR:
The City of Los Angeles
Department of City Planning

PREPARED BY:
Eyestone Environmental

APPLICANT:
NoHo Development Associates, 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. Geology and Soils | IV.D-1 |
| E. Greenhouse Gas Emissions..... | IV.E-1 |
| F. Hazards and Hazardous Materials | IV.F-1 |
| G. Land Use..... | IV.G-1 |
| H. Noise..... | IV.H-1 |
| I. Population and Housing | IV.I-1 |
| J.1 Public Services—Fire Protection..... | IV.J.1-1 |
| J.2 Public Services—Police Protection | IV.J.2-1 |
| J.3 Public Services—Schools | IV.J.3-1 |
| J.4 Public Services—Parks and Recreation..... | IV.J.4-1 |
| J.5 Public Services—Libraries | IV.J.5-1 |
| K. Transportation | IV.K-1 |
| L. Tribal Cultural Resources..... | IV.L-1 |
| M.1 Utilities and Service Systems—Water Supply and Infrastructure | IV.M.1-1 |
| M.2 Utilities and Service Systems—Wastewater..... | IV.M.2-1 |
| M.3 Utilities and Service Systems—Energy Infrastructure | IV.M.3-1 |

| | <u>Page</u> |
|--|---------------|
| V. ALTERNATIVES..... | V-1 |
| A. Alternative 1: No Project/No Build..... | V-22 |
| B. Alternative 2: No Project/Development Alternative | V-31 |
| C. Alternative 3: Development in Accordance with Existing Zoning Alternative | V-46 |
| D. Alternative 4: Reduced Density Alternative | V-73 |
| E. Alternative 5: Historic Preservation Alternative | V-99 |
| F. Alternative 6: Alternative Land Use Mix Alternative | V-126 |
| G. Environmentally Superior Alternative | V-153 |
| VI. OTHER CEQA CONSIDERATIONS | VI-1 |
| VII. REFERENCES..... | VII-1 |
| 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 and Scoping Meeting Comments

Appendix B Project Site Addresses

Appendix C Air Quality and Greenhouse Gas Emissions

 Appendix C.1 Air Quality and Greenhouse Gas Emissions Methodology

 Appendix C.2 Air Quality Worksheet and Modeling Output Files

 Appendix C.3 Greenhouse Gas Worksheets and Modeling Output Files

Appendix D Historic Report

Appendix E Archaeological Report

Appendix F Energy Calculations

Appendix G Utility Report

Appendix H Geotechnical Evaluation

Appendix I Paleontological Records Search

Appendix J Hazards and Hazardous Materials

 Appendix J.1 NoHo Phase I

 Appendix J.2 Metro Phase I

 Appendix J.3 NoHo Phase II

 Appendix J.4 Mitigation Memo

- Appendix K Land Use Tables
- Appendix L Noise and Vibration Calculation Worksheets
- Appendix M Los Angeles Fire Department Letter
- Appendix N Los Angeles Police Department Letter
- Appendix O Los Angeles Unified School District Letter
- Appendix P Department of Recreation and Parks Letter
- Appendix Q Los Angeles Public Libraries Letter
- Appendix R Transportation
 - Appendix R.1 Transportation Study
 - Appendix R.2 LADOT Approval Letter
- Appendix S Tribal Cultural Resources Report
- Appendix T Water Supply Assessment
- Appendix U WWSI
- Appendix V Alternatives
 - Appendix V.1 Alternatives Noise Calculations
 - Appendix V.2 Alternatives VMT Calculations
 - Appendix V.3 Alternative 6 Energy Modeling

List of Figures

| <u>Figure</u> | | <u>Page</u> |
|---------------|---|-------------|
| Figure II-1 | Project Location Map..... | II-3 |
| Figure II-2 | Aerial Photograph of the Project Vicinity | II-6 |
| Figure II-3 | Conceptual Site Plan—Ground Level..... | II-14 |
| Figure II-4 | Conceptual Site Plan—Podium Level..... | II-15 |
| Figure II-5 | Conceptual Rendering..... | II-16 |
| Figure II-6 | Conceptual Rendering..... | II-17 |
| Figure II-7 | Aerial Rendering..... | II-18 |
| Figure II-8 | Blocks 2 and 4 Alternate Use | II-22 |
| Figure II-9 | Public Plazas..... | II-27 |
| Figure II-10 | Landscaping Overview | II-29 |
| Figure III-1 | Location of Related Projects..... | III-10 |
| Figure IV.A-1 | Ozone Trends..... | IV.A-22 |
| Figure IV.A-2 | SCAQMD SRAs | IV.A-25 |
| Figure IV.A-3 | MATES IV Total Cancer Risk for Project Area | IV.A-28 |
| Figure IV.A-4 | Air Quality Sensitive Receptors Locations..... | IV.A-29 |
| Figure IV.D-1 | Regional Fault Map | IV.D-10 |
| Figure IV.F-1 | Database Listings Locations..... | IV.F-30 |
| Figure IV.F-2 | PCE Results Summary..... | IV.F-38 |
| Figure IV.G-1 | Land Use Designations on the Project Site | IV.G-10 |
| Figure IV.G-2 | Zoning Designations on the Project Site | IV.G-12 |
| Figure IV.H-1 | Decibel Scale and Common Noise Sources..... | IV.H-3 |
| Figure IV.H-2 | Guidelines for Noise Compatible Land Use..... | IV.H-14 |
| Figure IV.H-3 | Noise Measurement Locations | IV.H-21 |
| Figure IV.H-4 | Vibration Receptor Locations | IV.H-23 |

| <u>Figure</u> | | <u>Page</u> |
|-----------------|---|-------------|
| Figure IV.H-5 | Temporary Construction Noise Barrier Locations | IV.H-80 |
| Figure IV.J.1-1 | Fire Stations in the Vicinity of the Project Site | IV.J.1-15 |
| Figure IV.J.2-1 | Police Station Serving the Project Site | IV.J.2-9 |
| Figure IV.J.3-1 | Schools Serving the Project Vicinity | IV.J.3-8 |
| Figure IV.J.4-1 | Parks and Recreational Facilities within a 2-Mile Radius of the Project Site | IV.J.4-12 |
| Figure IV.J.5-1 | Libraries Serving the Project Vicinity | IV.J.5-6 |
| Figure IV.K-1 | Existing Street System and Transit Network | IV.K-13 |

List of Tables

| <u>Table</u> | | <u>Page</u> |
|---------------|---|-------------|
| Table I-1 | Summary of Impacts Under the Project..... | I-18 |
| Table II-1 | Summary of Existing and Proposed Floor Area by Block | II-11 |
| Table III-1 | Related Projects | III-8 |
| Table IV.A-1 | Ambient Air Quality Standards | IV.A-3 |
| Table IV.A-2 | Summary of Ambient Air Quality in the Project Vicinity | IV.A-26 |
| Table IV.A-3 | Estimated Existing Daily Regional Operational Criteria Pollutant Emissions | IV.A-31 |
| Table IV.A-4 | SCAQMD Air Quality Significance Thresholds | IV.A-35 |
| Table IV.A-5 | Project Consistency with City of Los Angeles General Plan (Air Quality Element) | IV.A-55 |
| Table IV.A-6 | Potential Construction Schedule for Project | IV.A-59 |
| Table IV.A-7 | Estimate of Maximum Regional Project Daily Construction Emissions (pounds per day) | IV.A-61 |
| Table IV.A-8 | Estimate of Maximum Regional Project Daily Operational Emissions—At Project Buildout (2035)..... | IV.A-63 |
| Table IV.A-9 | Estimate of Maximum Regional Project Daily Concurrent Operation and Construction Emissions (pounds per day) | IV.A-64 |
| Table IV.A-10 | Estimate of Maximum Regional Project Daily Construction (Mitigated) Emissions (pounds per day) | IV.A-66 |
| Table IV.A-11 | Estimate of Maximum Regional Project Daily Concurrent Operation and Construction (Mitigated) Emissions (pounds per day) | IV.A-68 |
| Table IV.A-12 | Estimate of Maximum Localized Daily Project Construction Emissions (pounds per day) | IV.A-70 |
| Table IV.A-13 | Estimate of Maximum Localized Project Daily Operational Emissions—At Project Buildout (2035) (pounds per day)..... | IV.A-72 |

| <u>Table</u> | | <u>Page</u> |
|---------------|---|-------------|
| Table IV.A-14 | Estimate of Maximum Localized Project Daily Concurrent Operation and Construction Emissions(pounds per day) | IV.A-75 |
| Table IV.A-15 | Estimate of Maximum Localized Daily Project Construction (Mitigated) Emissions (pounds per day) | IV.A-76 |
| Table IV.C-1 | Summary of Energy Use During Project Construction..... | IV.C-21 |
| Table IV.C-2 | Summary of Annual Net New Energy Use During Project Operation..... | IV.C-24 |
| Table IV.E-1 | Description of Identified GHGs | IV.E-5 |
| Table IV.E-2 | Atmospheric Lifetimes and Global Warming Potentials | IV.E-6 |
| Table IV.E-3 | Estimated Statewide Greenhouse Gas Emissions Reductions Required by HSC Division 25.5 | IV.E-20 |
| Table IV.E-4 | California GHG Inventory (million metric tons CO ₂ e)..... | IV.E-36 |
| Table IV.E-5 | Existing Project Site Annual GHG Emissions Summary..... | IV.E-38 |
| Table IV.E-6 | Mandatory Regulatory Compliance Measures within the Climate Change Scoping Plan..... | IV.E-53 |
| Table IV.E-7 | Consistency Analysis—2008 Climate Change Scoping Plan and Subsequent Updates..... | IV.E-55 |
| Table IV.E-8 | Consistency with Applicable GHG Emissions Goals and Actions of the City's Green New Deal | IV.E-66 |
| Table IV.E-9 | Project Consistency with 2045 Carbon Neutrality Goals | IV.E-71 |
| Table IV.E-10 | Construction-Related Emissions (MTCO ₂ e) | IV.E-74 |
| Table IV.E-11 | Annual GHG Emissions Summary (Buildout) (metric tons of carbon dioxide equivalent [MTCO ₂ e])..... | IV.E-75 |
| Table IV.F-1 | Conservation Element—Resource Management (Fossil Library): Petroleum (Oil and Gas)..... | IV.F-21 |
| Table IV.F-2 | Summary of Database Listings..... | IV.F-26 |
| Table IV.H-1 | Construction Vibration Damage Criteria | IV.H-12 |
| Table IV.H-2 | FTA Vibration Impact Criteria for Human Annoyance..... | IV.H-13 |
| Table IV.H-3 | Guideline Vibration Damage Potential Threshold Criteria | IV.H-16 |
| Table IV.H-4 | City of Los Angeles Presumed Ambient Noise Levels..... | IV.H-17 |

| <u>Table</u> | | <u>Page</u> |
|---------------|---|-------------|
| Table IV.H-5 | City of Los Angeles Guidelines for Noise Compatible Land Use | IV.H-18 |
| Table IV.H-6 | Description of Noise Measurement Locations | IV.H-22 |
| Table IV.H-7 | Existing Ambient Noise Levels | IV.H-25 |
| Table IV.H-8 | Vehicle Mix for Traffic Noise Model | IV.H-26 |
| Table IV.H-9 | Existing Roadway Traffic Noise Levels | IV.H-27 |
| Table IV.H-10 | Existing Vibration Levels | IV.H-29 |
| Table IV.H-11 | Construction Equipment Noise Levels..... | IV.H-37 |
| Table IV.H-12 | Construction Noise Impacts..... | IV.H-38 |
| Table IV.H-13 | Construction Noise Impacts—Concrete Mat Foundation Pour..... | IV.H-45 |
| Table IV.H-14 | Construction Noise Impacts—Overlapping Construction..... | IV.H-46 |
| Table IV.H-15 | Off-Site Construction Traffic Noise Levels—Haul Route Option A | IV.H-48 |
| Table IV.H-16 | Off-Site Construction Truck Noise Levels—Haul Route Option B | IV.H-53 |
| Table IV.H-17 | Estimated Noise Levels from Mechanical Equipment..... | IV.H-60 |
| Table IV.H-18 | Outdoor Use Analysis Assumptions | IV.H-62 |
| Table IV.H-19 | Estimated Noise Levels from Outdoor Uses..... | IV.H-63 |
| Table IV.H-20 | Estimated Noise Levels from Special Events | IV.H-64 |
| Table IV.H-21 | Estimated Noise Levels from At-grade and Above-grade Parking Facilities | IV.H-65 |
| Table IV.H-22 | Estimated Noise Levels from Loading Dock and Trash Compactor..... | IV.H-66 |
| Table IV.H-23 | Estimated Noise Levels from Transit Center | IV.H-68 |
| Table IV.H-24 | Roadway Traffic Noise Impacts—Future Plus Project..... | IV.H-69 |
| Table IV.H-25 | Roadway Traffic Noise Impacts—Existing Plus Project..... | IV.H-73 |
| Table IV.H-26 | Composite Noise Impacts..... | IV.H-76 |
| Table IV.H-27 | On-Site Concurrent Construction and Operation Noise Levels | IV.H-78 |

| <u>Table</u> | | <u>Page</u> |
|----------------|--|-------------|
| Table IV.H-28 | Off-Site Concurrent Construction and Operation Noise Levels | IV.H-79 |
| Table IV.H-29 | Construction Noise Impacts With Mitigation Measures | IV.H-87 |
| Table IV.H-30 | Construction Noise Impacts—Overlapping Construction With Mitigation Measures | IV.H-95 |
| Table IV.H-31 | Construction Vibration Impacts—Building Damage..... | IV.H-97 |
| Table IV.H-32 | Construction Vibration Impacts—Human Annoyance..... | IV.H-100 |
| Table IV.H-33 | Cumulative Roadway Traffic Noise Impacts | IV.H-112 |
| Table IV.I-1 | SCAG 2020–2045 RTP/SCS Forecast..... | IV.I-13 |
| Table IV.I-2 | Project Percentage Share of 2020–2037 Growth | IV.I-20 |
| Table IV.I-3 | Population, Housing, and Employment Estimates | IV.I-24 |
| Table IV.I-4 | Cumulative Population and Housing Impacts | IV.I-27 |
| Table IV.J.1-1 | Relevant General Plan Fire Protection Goals, Objectives, and Policies—Framework Element: Chapter 9, Infrastructure and Public Services | IV.J.1-8 |
| Table IV.J.1-2 | Relevant Emergency Response (Multi-Hazard) Goals, Objectives, and Policies—Safety Element | IV.J.1-9 |
| Table IV.J.1-3 | LAFD Fire Stations Located in the Project Vicinity | IV.J.1-16 |
| Table IV.J.1-4 | Average EMS and Non-EMS Response Times (2021)..... | IV.J.1-18 |
| Table IV.H.2-1 | Relevant General Plan Police Protection Goals, Objectives, and Policies—Framework Element: Chapter 9, Infrastructure and Public Services | IV.J.2-4 |
| Table IV.J.2-1 | 2021 Part I Crimes—North Hollywood Area and Citywide | IV.J.2-11 |
| Table IV.J.2-2 | Estimated Project Service Population | IV.J.2-16 |
| Table IV.J.2-3 | Estimated Service Population from Related Projects within North Hollywood Division..... | IV.J.2-21 |
| Table IV.J.3-1 | Relevant General Plan School Goals, Objectives, and Policies: Framework Element—Chapter 9 Infrastructure and Public Services | IV.J.3-5 |
| Table IV.J.3-2 | Existing (2019–2020) Enrollment and Capacity of LAUSD Schools that Serve the Project Site | IV.J.3-9 |

| <u>Table</u> | | <u>Page</u> |
|----------------|---|-------------|
| Table IV.J.3-3 | Projected 2024–2025 Enrollment and Capacity of LAUSD Schools that Serve the Project Site | IV.J.3-10 |
| Table IV.J.3-4 | Estimated Number of Students Generated by the Project..... | IV.J.3-17 |
| Table IV.J.3-5 | Project Student Capacity..... | IV.J.3-19 |
| Table IV.J.3-6 | Estimated Student Generation from Related Projects | IV.J.3-21 |
| Table IV.J.3-7 | Cumulative Student Capacity | IV.J.3-25 |
| Table IV.J.4-1 | Relevant General Plan Policies—Framework Element | IV.J.4-4 |
| Table IV.J.4-2 | Public Parks and Recreational Facilities Within a Two-Mile Radius of the Project Site | IV.J.4-13 |
| Table IV.J.4-3 | LAMC Section 12.21 G—Open Space Required and Provided by the Project | IV.J.4-18 |
| Table IV.J.5-1 | LAPL Branch Facilities Plan—Library Building Size Standards | IV.J.5-3 |
| Table IV.J.5-2 | Libraries Serving the Project Site | IV.J.5-7 |
| Table IV.J.5-3 | Related Projects with Cumulative Library Impacts | IV.J.5-14 |
| Table IV.K-1 | VMT Analysis | IV.K-40 |
| Table IV.M.1-1 | Relevant General Plan Utilities and Service Systems Goals, Objectives, and Policies—Framework Element: Chapter 9 Infrastructure and Public Services | IV.M.1-17 |
| Table IV.M.1-2 | LADWP Water Supply | IV.M.1-20 |
| Table IV.M.1-3 | Local Groundwater Basin Supply | IV.M.1-22 |
| Table IV.M.1-4 | City of Los Angeles Water Demand Projections (2015 UWMP) (thousand AFY)..... | IV.M.1-29 |
| Table IV.M.1-5 | City of Los Angeles Water Demand Projections (2020 UWMP) (thousand AFY)..... | IV.M.1-30 |
| Table IV.M.1-6 | Project Water Demand | IV.M.1-44 |
| Table IV.M.1-7 | Cumulative Water Demand | IV.M.1-49 |
| Table IV.M.2-1 | Existing Capacity of Hyperion Sanitary Sewer System | IV.M.2-10 |
| Table IV.M.2-2 | Estimated Project Wastewater Generation..... | IV.M.2-15 |
| Table IV.M.2-3 | Cumulative Wastewater Generation | IV.M.2-21 |

| <u>Table</u> | | <u>Page</u> |
|--------------|---|-------------|
| Table V-1 | Net New Floor Area Under the Project and Alternatives | V-3 |
| Table V-2 | Summary of Comparison of Impacts Associated with the Alternatives and Impacts of the Project | V-11 |
| Table VI-1 | Estimated Project Solid Waste Generation | VI-32 |