7 March 2025

EXPOSITION PARK
LOS ANGELES, CALIFORNIA

SITE FACILITY ASSESSMENT

Prepared for:

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
Project Management & Development Branch (PMDB)
707 Third Street, Fourth Floor
West Sacramento, California 96505

Prepared by:

JCCA
Architects · Engineers
385 Van Ness Avenue, Suite 208
Torrance, California 90501
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JCCA #24300-6

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INFORMATION SHEET

Project Title: Site Facility Assessment

Location: Exposition Park
700 Exposition Park Drive
Los Angeles, California 90037

State of California Team:

Department of General Services (DGS):
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Consultant:

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SECTION 1.0

EXECUTIVE SUMMARY

1.1 Site Accessibility

A. Site accessibility, in particular the exterior path of travels, were surveyed by a qualified, Architect with CASp certification. The site was found to have many deficiencies related to accessibility and path of travel, as detailed in Appendix A.

B. This assessment proposed various improvements, including improvements to accessible parking spaces, accessible walkways, accessible and electrical vehicle parking signage, surface conditions related to accessibility.

1.2 Civil

A. Site Pavings

1. The vehicular site paving throughout Exposition Park consists of both concrete and asphalt concrete roadways, many of which are in deteriorated condition and require replacement. The roadways identified for reconstruction include Exposition Park Drive, S Hoover St, and S Coliseum Dr, along with associated curbs and gutters. The park also contains multiple parking facilities, including Parking Lots 4, 5, 6, the VIP Parking Lot, and a visitor parking structure. Condition assessments indicate that Parking Lots 4 and 6 have reached the end of their service life and require full replacement, while Parking Lot 5 and the VIP Parking Lot are in satisfactory condition but need a seal coat application and restriping to extend their lifespan. Please refer to the Civil Site Assessment (Appendix B) for more details.

B. Storm Drain Piping

1. Due to aging infrastructure, many storm drain lines have reached the end of their service life and require rehabilitation or replacement. Proposed improvements include the excavation, removal, and replacement of deteriorated storm drain piping to restore functionality and meet current drainage standards. Additionally, manholes, catch basins, and curb drain inlets have also deteriorated and are recommended for concurrent replacement to maintain system integrity and performance. Please refer to the Civil Site Assessment (Appendix B) for more details.

C. Sanitary Sewer Piping

1. Due to aging infrastructure, many sewer lines have reached or exceeded their service life and require rehabilitation or replacement. Proposed improvements include the excavation, removal, and replacement of deteriorated sewer piping to restore functionality and ensure compliance with current standards. Additionally, manholes and cleanouts have also deteriorated and are recommended for concurrent replacement to maintain system reliability and performance. Please refer to the Civil Site Assessment (Appendix B) for more details.

D. Water Distribution System

1. Due to ageing infrastructure, much of the system has aged and likely reached the end of its service life, requiring rehabilitation or replacement. Proposed upgrades include the excavation, removal, and replacement of deteriorated piping to ensure reliability and compliance with current standards. Additionally, valves, backflow preventers, and other components have also deteriorated and are recommended for concurrent replacement to maintain system functionality and regulatory compliance. Please refer to the Civil Site Assessment (Appendix B) for more details.

E. Gas Distribution System

1. Due to ageing infrastructure, much of the system has likely reached the end of their service life and require rehabilitation or replacement. Proposed upgrades include the excavation, removal, and replacement of deteriorated gas piping to restore system integrity and comply with current standards. Additionally, valves and other components have also aged and are recommended for concurrent replacement to ensure the safe and reliable operation of the system. Please refer to the Civil Site Assessment (Appendix B) for more details.

F. Miscellaneous Items

1. The concrete retaining wall north of the Rose Garden along Exposition Blvd is severely leaning and has failed in some areas, posing a safety risk. It is recommended for removal and replacement, with consideration for its historical significance. To improve vehicular access within Exposition Park, additional fencing and gates, including chain-link and ornamental steel fencing, as well as manual and motorized vehicle gates, are proposed at key locations. For enhanced security, additional bollards along S Figueroa St are recommended to prevent unauthorized vehicle entry and protect pedestrians from potential hazards. Please refer to the Civil Site Assessment

(Appendix B) for more details.

1.3 Electrical

A. The electrical assessment examined various aspects of the site electrical systems, including, power, lighting, telecommunications, and security electronics. The proposed recommendations are summarized in the items below, even though other systems and items were examined. Please refer to the Electrical Site Assessment (Appendix C) for more details.

B. Lighting

1. Significant portions of existing exterior lighting, including lighting poles, fixtures, and wiring, are in poor conditions.

2. This assessment proposes to replace these lighting systems with new, energy-efficient LED lighting fixtures. Major portions of the wiring will also be replaced.

3. Replacement of lighting and wiring will improve pedestrian and vehicular visibility, as well as site security.

C. Telecommunications, Security Electronics, and Wayfinding Signage

1. The existing site is not equipped with an overall system serving low-voltage systems, including security electronics. Existing signage and wayfinding is aging or past age of useful life.

2. This assessment proposes to install (2) two 4″ and (2) two 2″ conduits to be utilized. Possible uses include digital connections for digital wayfinding and signage, expansion of camera system, and creating a fire alarm network.

3. The site accessibility and civil site work includes considerable earthwork. Installing these conduits while underground work is being performed on other systems results in a more efficient and cost-effective installation.

SECTION 2.0

COST ESTIMATE

7 March 2025

SITE FACILITY ASSESSMENT
700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

COST ESTIMATE

Prepared for:

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
Project Management & Development Branch (PMDB)
707 Third Street, Fourth Floor
West Sacramento, California 96505

Prepared by:

JCCA
Architects · Engineers
385 Van Ness Avenue, Suite 208
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Phone: (310) 212-7644
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JCCA #24300-6

DEPARTMENT OF GENERAL SERVICES

REAL ESTATE SERVICES DIVISION - PROJECT MANAGEMENT AND DEVELOPMENT BRANCH

PROJECT COST SUMMARY

STUDY ESTIMATE

Project	Exposition Park - Utility Replacement & Site Improvements	STUDY ESTIMATE	24OEPM000 v 001
Location	Los Angeles, CA	Current / Estimate CCCI	9994 / 9866
Customer	Office of Exposition Park Management	Date Estimated	03/18/2025
Designed By	JCCA	Project Number	000000000014156
Project Mgr	Shawn Goldsberry	Three Page Prepared By	Oksana Shtanko
Template	Design Build	DOF Project ID Number	

Description

Demolition of the existing paving & landscaping at select common areas. Demolition of the existing utility infrastructure at select locations sitewide. Installation of new utility infrastructure to serve the existing site facilities as required. New paving and landscaping in select common areas.

Estimate Summary

Construction Cost	$156,093,100.00
Estimated Total Current Costs	**$156,093,100.00**
Adjust Original CCCI of 9866 on 12/2024 / Current CCCI of 9994 on 03/2025	$2,025,100.00
Estimated Total Current Costs on 03/2025	**$158,118,200.00**
Escalation to Start of Construction 16 Months at 0.42% / Month	$10,625,500.00
Escalation to Mid Point 10.00 Months at 0.42% / Month	$6,641,000.00
Estimated Total Contracts	**$175,384,700.00**
Indirect Costs	
Utility Permits and Connection Fees	$110,000.00
DSA Fees	$107,000.00
Architectural & Engineering Fees at 8.00%	$14,031,000.00
Estimated Total Indirect Costs	**$14,248,000.00**
Estimated Total Design Build Contract	**$189,632,700.00**

SUMMARY OF COSTS BY PHASE

STUDY ESTIMATE

Project	Exposition Park - Utility Replacement & Site Improvements	STUDY ESTIMATE	24OEPM000 v 001
Location	Los Angeles, CA	Date Estimated	03/18/2025
Project Number	000000000014156		

Design / Permitting Duration	12 Months
Design / Construction Duration	20 Months
Estimated Contract	$189,632,700.00
State Project Contingency at 7%	$13,274,000.00
Total	**$202,906,700.00**

Category	ACQUISITION / STUDY	RFP/Perform Criteria	DB PHASE	TOTAL
A&E SERVICES				
A&E Design	$0.00	$472,100.00	$2,950,200.00	$3,422,300.00
Construction Inspection	$0.00	$0.00	$1,873,200.00	$1,873,200.00
Construction Inspection Travel	$0.00	$0.00	$0.00	$0.00
Contracts 1% Admin Fee	$0.00	$0.00	$0.00	$0.00
Advertising, Printing, Mailing	$0.00	$12,900.00	$30,000.00	$42,900.00
Estimating	$0.00	$0.00	$84,000.00	$84,000.00
Construction Guarantee Inspection	$0.00	$0.00	$60,000.00	$60,000.00
Subtotal A&E Services	**$0.00**	**$485,000.00**	**$4,997,400.00**	**$5,482,400.00**
OTHER PROJECT COSTS				
Special Consultants	$0.00	$0.00	$780,500.00	$780,500.00
Materials Testing	$0.00	$0.00	$2,250,000.00	$2,250,000.00
Project/Construction Management	$0.00	$150,000.00	$2,500,000.00	$2,650,000.00
Contract Construction Management	$0.00	$500,000.00	$4,000,000.00	$4,500,000.00
Accessibility Checking	$0.00	$0.00	$0.00	$0.00
State Fire Marshal	$0.00	$0.00	$250,000.00	$250,000.00
Environmental Document	$0.00	$100,000.00	$0.00	$100,000.00
State Builders Risk Insurance	$0.00	$0.00	$700,000.00	$700,000.00
Due Dilligence	$0.00	$41,300.00	$0.00	$41,300.00
Subtotal Other Project Costs	**$0.00**	**$791,300.00**	**$10,480,500.00**	**$11,271,800.00**
TOTAL ESTIMATED PROJECT COST	**$0.00**	**$1,276,300.00**	**$218,384,600.00**	**$219,660,900.00**
LESS FUNDS TRANSFERRED	$0.00	$500,000.00	$0.00	$500,000.00
LESS FUNDS AVAILABLE NOT TRANSFERRED	$0.00	$0.00	$0.00	$0.00
CARRY OVER	$0.00	$0.00	$776,300.00	
BALANCE OF FUNDS REQUIRED	**$0.00**	**$776,300.00**	**$219,160,900.00**	**$219,160,900.00**

FUNDING DATA AND ESTIMATE NOTES

STUDY ESTIMATE

Project	Exposition Park - Utility Replacement & Site Improvements	STUDY ESTIMATE	24OEPM000 v 001
Location	Los Angeles, CA	Date Estimated	03/18/2025
Project Number	000000000014156		

FUNDING DATA

Chapter/Item	Phase	Amount	Totals
FUND TRANSFERS			
2023-12-3100-001-0267	RFP/PERFORM CRITERIA	$500,000.00	
		Total Funds Transferred	**$500,000.00**
FUNDS AVAILABLE NOT TRANSFERRED			
		Total Funds Available Not Transferred	**$0.00**
		TOTAL FUNDS	**$500,000.00**

ESTIMATE NOTES

1 The construction costs in this estimate are indexed from the CCCI Index as of the date of estimate preparation to the CCCI index that is current as of 03/2025. The project estimate is then escalated for a 10.00 month period to an assumed construction midpoint. Additionally, the project has been escalated to the assumed start of construction.

2 DGS labor (A&E design, Estimating, Construction Inspection, Project/ Construction Management, and Environmental) is included in this estimate and is billed to the client agency via an annual labor assessment.

3 Special Consultants include Traffic Study, Security consultant, CASP compliance review

4 Enviromental document is an amendment to the Master EIR.

5 The Estimate is based on Progressive Design-Build project delivery.

STONE CREEK ENGINEERING

CONSTRUCTION PROJECT CONTROLS

Project:

Division of General Services

Exposition Park - Utility Replacement & Site Improvements

Budget
Cost Estimate

Revision 5

Estimate Date:

December 5, 2024

Prepared for:

JCCA
385 Van Ness Ave, Suite 208
Torrance, CA 90501

Prepared by:

Stone Creek Engineering, Inc.
1244 Dupont Court
Manteca, CA 95336

408-489-8853
jeff.threet@stonecreekengineering.com

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Location: Los Angeles, CA
Designed by: JCCA
Estimate Notes
Date: December 5, 2024

Notes & Clarifications

1 Basis of Estimate

This statement has been prepared with the following documentation received on: 10/8/2024

A As Builts of Utility Systems & Paving

Various allowances were included in the estimate to cover some items that are not yet designed or inspected.

2 Consultant Team

Architect: JCCA
Cost Consultant: Stone Creek Engineering, Inc.

3 Scope of Estimate

This statement of probable costs includes the work called out in the drawings provided by: JCCA
Included in Scope:

- Demolition of the existing paving & landscaping at select common areas
- Demolition of the existing utility infrastructure at select locations sitewide
- Installation of new utility infrastructure to serve the existing site facilities as required
- New paving and landscaping in select common areas.

4 Items Effecting the Estimate

Inclusions:

- Costs for Design-Build, Design-Bid-Build, or Progressive-Design-Build procurement.
- Trade costs associated with the construction of the project described above
- All equipment costs associated with the project described above
- All work to be done during regular working hours
- Contingencies are listed in the estimate
- Preconstruction costs
- Testing and inspection fees
- Furnishing, fixtures, and equipment (FF&E); unless noted
- IT devices such as computers, phones, servers, switches, and routers

Exclusions:

- Temporary Utility services for change overs at existing facilities on site.
- Overtime or compression of the construction schedule

Owner furnished equipment not typically installed by the general contractor

Notes:

The attached statement of probable costs is based on Stone Creek Engineering, Inc.'s best judgement in accordance with the industry's best practices. Stone Creek Engineering, Inc. cannot guarantee that the proposals, bids, or construction costs will not vary from the opinions in this statement.
This statement is based on the assumption that the owner will receive four qualified bids in each trade. Fewer than four bids may result in higher bid day costs.
All labor rates include associated supervision and general conditions costs associated with each subcontractor. General Contractor's general conditions are included.
All equipment costs include operator where a specialty operator is required. If a specialty operator is not required, the operation of the equipment has been entered as Labor Hours.

Other Assumptions:

Adequate space will be provided for the contractors' use for parking and storage near the site.
Work will be permitted from 7:00am to 6:00pm everyday.
Labor rates for this project are subject to Prevailing Wage legislation.
The project is subject to DSA plan check review & inspection.

5 Contingencies

Design Contingency: 20% based on Budget Level effort.

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Construction Cost Summary
Date: December 5, 2024

Design Level: Budget

CSI	Description	Tab Name:	Site Demolition	Hardscaping	Landscaping	Enhancements	Domestic & Fire Water	Storm Drain	Sanitary Sewer	Natural Gas	Site Electrical	Site Comm-Data	Total
		New Construction:	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*0 sf*
		Renovation:	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*0 sf*
		Total GSF:	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*0 sf*
2	Existing Conditions (Demolition)		$7,516,997	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,516,997
3	Building Concrete		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
4	Masonry		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
5	Metals		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
6	Wood, Plastics & Composites		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
7	Thermal & Moisture Protection		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
8	Openings		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Finishes		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Specialties		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
11	Equipment		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	Furnishings		$0	$0	$0	$1,847,500	$0	$0	$0	$0	$0	$0	$1,847,500
13	Special Construction		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
14	Conveying Systems		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
21	Fire Suppression		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
22	Plumbing		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
23	HVAC		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
26	Electrical		$0	$0	$0	$0	$0	$0	$0	$0	$2,450,000	$0	$2,450,000
27	Communications		$0	$0	$0	$0	$0	$0	$0	$0	$0	$625,000	$625,000
28	Electronic Safety and Security		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
31	Substructure and Earthwork		$1,836,884	$8,063,014	$0	$0	$0	$0	$0	$0	$0	$0	$9,899,898
32	Exterior Improvements		$0	$41,401,375	$8,122,500	$10,835,000	$0	$0	$0	$0	$0	$0	$60,358,875
33	Infrastructure		$0	$0	$0	$0	$7,815,950	$7,108,500	$3,410,000	$3,137,500	$0	$0	$21,471,950
	Subtotal		**$9,353,881**	**$49,464,390**	**$8,122,500**	**$12,682,500**	**$7,815,950**	**$7,108,500**	**$3,410,000**	**$3,137,500**	**$2,450,000**	**$625,000**	**$104,170,221**
Mark-ups	General Conditions	14.00%	$1,309,543	$6,925,015	$1,137,150	$1,775,550	$1,094,233	$995,190	$477,400	$439,250	$343,000	$87,500	$14,583,831
	General Contractor Markup	6.50%	$693,123	$3,665,311	$601,877	$939,773	$579,162	$526,740	$252,681	$232,489	$181,545	$46,313	$7,719,014
	General Contractor Bond & Insurance	2.85%	$323,662	$1,711,559	$281,054	$438,838	$270,446	$245,967	$117,992	$108,563	$84,775	$21,626	$3,604,482
	Design Contingency	20.00%	$2,336,042	$12,353,255	$2,028,516	$3,167,332	$1,951,958	$1,775,279	$851,615	$783,560	$611,864	$156,088	$26,015,509
	Construction Cost -- December 2024		**$14,016,251**	**$74,119,530**	**$12,171,097**	**$19,003,993**	**$11,711,749**	**$10,651,676**	**$5,109,688**	**$4,701,362**	**$3,671,184**	**$936,527**	**$156,093,057**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Site Demolition
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
02 41 00	**SITE DEMOLITION**				
02 41 00	Demo (E) AC Paving - Parking Lots	127,478	sf	$2.75	$350,565
02 41 00	Demo (E) AC Paving - Roadways	187,662	sf	$2.75	$516,071
02 41 00	Demo (E) Concrete Paving - Walkways	501,300	sf	$3.00	$1,503,900
02 41 00	Demo (E) Concrete Paving - Roadways	214,543	sf	$4.00	$858,172
02 41 00	Demo (E) Concrete Paving - Parking Lots	80,523	sf	$4.00	$322,092
02 41 00	Demo (E) Concrete Curbs/Gutters	6,873	lf	$20.00	$137,464
02 41 00	Demo (E) Landscaping & Irrigation	81,542	lf	$1.75	$142,699
02 41 00	Demo (E) Site Structures	25	ea	$5,000.00	$125,000
02 41 00	Demo (E) Site Furnishings	100	ea	$250.00	$25,000
02 41 00	Demo (E) Water Line (Domestic & Fire)	27,698	lf	$15.00	$415,470
02 41 00	Demo (E) Water Valves/Boxes/Backflow Preventers	30	ea	$250.00	$7,500
02 41 00	Demo (E) Storm Drain Lines	14,048	lf	$30.00	$421,440
02 41 00	Demo (E) Storm Drain Catch Basins & Area Drains	327	ea	$750.00	$245,250
02 41 00	Demo (E) Storm Drain Manholes	21	ea	$2,500.00	$52,500
02 41 00	Demo (E) Sanitary Sewer Lines & Cleanouts	30,755	lf	$25.00	$768,875
02 41 00	Demo (E) Sanitary Sewer Manholes	30	ea	$2,500.00	$75,000
02 41 00	Cap (E) Natural Gas Lines and Abandon in Place	1	ls	$20,000.00	$20,000
02 41 00	Demo (E) Site Light Fixtures (Parking Lot Pole Lights)	80	ea	$2,500.00	$200,000
02 41 00	Demo (E) Site Light Fixtures (Walkway Pole Lights)	100	ea	$800.00	$80,000
02 41 00	Demo (E) Site Electrical Gear	50	ea	$2,500.00	$125,000
02 41 00	Demo (E) Site Electrical Substations (includes LADWP Transformers)	15	ea	$25,000.00	$375,000
02 41 00	Miscellaneous Site Demolition	1	ls	$750,000	$750,000
02 41 00					
02 41 00	**SITE DEMOLITION**				**$7,516,997**
31 00 00	**EARTHWORK**				
31 00 00	**Erosion Control**				
31 00 00	Construction Entrances	10	ea	$7,500.00	$75,000
31 00 00	Fiber Rolls	25,000	lf	$12.00	$300,000
31 00 00	Silt Fencing	25,000	lf	$15.00	$375,000
31 00 00	Storm Drain Inlet Filters	150	ea	$500.00	$75,000
31 00 00	SWPPP Management	24	mo	$15,000.00	$360,000
31 00 00					
31 00 00	**Layout/Setup**				
31 00 00	Surveying (3-worker crew) - Includes all Surveying for Site Utilities	30	days	$6,250.00	$187,500
31 00 00					
31 00 00	**Grading**				
31 00 00	Clear and Grub at (E) Landscaping Areas	1,000	cy	$75.00	$75,000
31 00 00	Rough Grade Site	1,112,525	sf	$0.35	$389,384
31 00 00					
31 00 00	**EARTHWORK**				**$1,836,884**
Total	**Subtotal subcontractor cost**				**$9,353,881**
	General Conditions	14.00%			$1,309,543
	General Contractor Markup	6.50%			$693,123
	General Contractor Bond & Insurance	2.85%			$323,662
	Design Contingency	20.00%			$2,336,042
	Current Construction Cost				**$14,016,251**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Hardscaping
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
31 00 00	**EARTHWORK**				
31 00 00	**Layout/Setup**				
31 00 00	Surveying (3-worker crew) - Includes all Surveying Apron Construction	20	days	$6,250.00	$125,000
31 00 00					
31 00 00	**Excavation**				
31 00 00	Excavate for Paving - 12" Average - Offhaul Spoils	56,700	cy	$50.00	$2,835,005
31 00 00					
31 00 00	**Grading for Hardscaping**				
31 00 00	Compact Native Subgrade	1,530,903	sf	$1.25	$1,913,628
31 00 00	Aggregate Base & Compaction - 8" Average	42,525	cy	$75.00	$3,189,381
31 00 00					
31 00 00	**EARTHWORK**				**$8,063,014**
32 12 00	**SITE PAVING**				
32 12 00	**Asphalt Concrete Paving**				
32 12 00	AC Paving at Parking Lot & Roadways	987,241	sf	$18.00	$17,770,338
32 12 00	Parking Lot & Roadway Striping	987,241	sf	$1.50	$1,480,862
32 12 00	Parking Lot Striping - ADA/Signage	100	ea	$4,500.00	$450,000
32 12 00					
32 12 00	**Concrete Paving**				
32 12 00	Concrete Driveways & ADA Parking Stalls	31,250	sf	$45.00	$1,406,250
32 12 00	Concrete Walkways	508,345	sf	$35.00	$17,792,075
32 12 00	Concrete Ramps	4,067	sf	$45.00	$183,004
32 12 00	Tactile Warning Mats	1,017	sf	$85.00	$86,419
32 12 00					
32 12 00	**SITE PAVING**				**$39,168,947**
32 16 00	**CONCRETE CURBS AND GUTTERS**				
32 16 00	Concrete Curbs	4,468	lf	$34.00	$151,898
32 16 00	Concrete Curb/Gutter	3,351	lf	$52.00	$174,236
32 16 00					
32 16 00	**CONCRETE CURBS AND GUTTERS**				**$326,134**
32 20 00	**MISC. SITE PAVING SYSTEMS**				
32 20 00	Paving Enhancements at Concrete Walkways - Premium on 25% of Total Concrete Walkways	127,086	sf	$15.00	$1,906,294
32 20 00					
32 20 00	**MISC. SITE PAVING SYSTEMS**				**$1,906,294**
Total	**Subtotal subcontractor cost**				**$49,464,390**
	General Conditions	14.00%			$6,925,015
	General Contractor Markup	6.50%			$3,665,311
	General Contractor Bond & Insurance	2.85%			$1,711,559
	Design Contingency	20.00%			$12,353,255
	Current Construction Cost				**$74,119,530**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Landscaping
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
32 30 00	**RETAINING WALLS**				
32 30 00	Site Retailing Walls & Seat Walls	750	lf	$950.00	$712,500
32 30 00	Repair (E) Site Retaining Walls at Rose Garden	1,200	lf	$250.00	$300,000
32 30 00					
32 30 00	**RETAINING WALLS**				**$712,500**
32 80 00	**LANDSCAPE AND IRRIGATION**				
32 80 00	**Irrigation**				
32 80 00	Irrigation for Planters	250,000	sf	$10.00	$2,500,000
32 80 00	Irrigation for Trees	500	ea	$100.00	$50,000
32 80 00	Irrigation Controller	4	ea	$15,000.00	$60,000
32 80 00	Valves and Boxes	100	ea	$1,650.00	$165,000
32 80 00					
32 80 00	**Landscaping**				
32 80 00	Hydroseed at Native Grass Areas	50,000	sf	$0.70	$35,000
32 80 00	Planters	250,000	sf	$15.00	$3,750,000
32 80 00	Trees	500	ea	$600.00	$300,000
32 80 00	Planting Maintenance (6 Months)	1	ls	$250,000.00	$250,000
32 80 00					
32 80 00	**LANDSCAPE AND IRRIGATION**				**$7,110,000**
Total	**Subtotal subcontractor cost**				**$8,122,500**
	General Conditions	14.00%			$1,137,150
	General Contractor Markup	6.50%			$601,877
	General Contractor Bond & Insurance	2.85%			$281,054
	Design Contingency	20.00%			$2,028,516
	Current Construction Cost				**$12,171,097**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Enhancements
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
32 31 00	**FENCES & GATES**				
32 31 00	Chainlink Fencing & Gates - 6'	1,000	lf	$160.00	$160,000
32 31 00	Ornamental Fencing & Gates	2,500	lf	$400.00	$1,000,000
32 31 00	Vehicle Gates - Manual	10	ea	$7,500.00	$75,000
32 31 00	Vehicle Gates - Motorized w/ Access Control System	10	ea	$35,000.00	$350,000
32 31 00					
32 31 00	**FENCES & GATES**				**$1,585,000**
12 93 00	**SITE FURNISHINGS**				
12 93 00	Bollards	100	ea	$1,400.00	$140,000
12 93 00	Picnic Tables/Benches	40	ea	$2,500.00	$100,000
12 93 00	Trash Receptacles	50	ea	$1,250.00	$62,500
12 93 00	Bike Racks	20	ea	$2,250.00	$45,000
12 93 00	Commissioned Art Features	10	ea	$150,000.00	$1,500,000
12 93 00					
12 93 00	**SITE FURNISHINGS**				**$1,847,500**
32 00 00	**SITE IMPROVEMENTS**				
32 00 00	Security Barriers - Allowance (Retaining Walls/Bollards/Heavy Duty Fencing & Gates)	2,500	lf	$1,500.00	$3,750,000
32 00 00	Shade Structures (Steel & Fabric)	20,000	sf	$200.00	$4,000,000
32 00 00	Wayfinding Signage (throughout site)	1	ls	$1,000,000	$1,000,000
32 00 00	Miscellaneous Site Improvements	1	ls	$500,000	$500,000
32 00 00					
32 00 00	**SITE IMPROVEMENTS**				**$9,250,000**
Total	**Subtotal subcontractor cost**				**$12,682,500**
	General Conditions	14.00%			$1,775,550
	General Contractor Markup	6.50%			$939,773
	General Contractor Bond & Insurance	2.85%			$438,838
	Design Contingency	20.00%			$3,167,332
	Current Construction Cost				**$19,003,993**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Domestic & Fire Water
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
33 10 00	**DOMESTIC & FIRE WATER**				
33 10 00	**Domestic Water**				
33 10 00	Connect to (E) System in Public Street	8	ea	$12,000.00	$96,000
33 10 00	4" Water Line - Includes Fittings/Valves	5,656	lf	$125.00	$707,000
33 10 00	6" Water Line - Includes Fittings/Valves	6,446	lf	$135.00	$870,210
33 10 00	12" Water Line - Includes Fittings/Valves	12,800	lf	$165.00	$2,112,000
33 10 00	16" Water Line - Includes Fittings/Valves	2,796	lf	$190.00	$531,240
33 10 00	Double Check Detector Assemblies	15	ea	$12,500.00	$187,500
33 10 00					
33 10 00	**Fire Water**				
33 10 00	Connect to (E) System in Public Street	8	ea	$14,000.00	$112,000
33 10 00	6" Fire Water Line - Includes Fittings/Valves	7,500	lf	$140.00	$1,050,000
33 10 00	8" Fire Water Line - Includes Fittings/Valves	7,500	lf	$160.00	$1,200,000
33 10 00	12" Fire Water Line - Includes Fittings/Valves	3,000	lf	$175.00	$525,000
33 10 00	Fire Hydrants	20	ea	$10,000.00	$200,000
33 10 00	Double Check Detector Assemblies	15	ea	$15,000.00	$225,000
33 10 00					
33 10 00	**DOMESTIC & FIRE WATER**				**$7,815,950**
Total	**Subtotal subcontractor cost**				**$7,815,950**
	General Conditions	14.00%			$1,094,233
	General Contractor Markup	6.50%			$579,162
	General Contractor Bond & Insurance	2.85%			$270,446
	Design Contingency	20.00%			$1,951,958
	Current Construction Cost				**$11,711,749**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Storm Drain
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
33 40 00	**STORM SEWER**				
33 40 00	Connect to (E) System in Public Street	10	ea	$15,000.00	$150,000
33 40 00	6" Drain Lines	1,500	lf	$135.00	$202,500
33 40 00	8" Drain Lines	2,500	lf	$145.00	$362,500
33 40 00	10" Drain Lines	3,000	lf	$155.00	$465,000
33 40 00	12" Drain Lines	3,500	lf	$165.00	$577,500
33 40 00	16" Drain Lines	2,500	lf	$180.00	$450,000
33 40 00	18" Drain Lines	1,750	lf	$200.00	$350,000
33 40 00	24" Drain Lines	1,500	lf	$240.00	$360,000
33 40 00	Catch Basins & Area Drains	327	ea	$3,000.00	$981,000
33 40 00	Manholes	21	ea	$10,000.00	$210,000
33 40 00	Storm Drain Retention Basin w/ Outfalls and Connections to System	75,000	sf	$40.00	$3,000,000
33 40 00					
33 40 00	**STORM SEWER**				**$7,108,500**
Total	**Subtotal subcontractor cost**				**$7,108,500**
	General Conditions	14.00%			$995,190
	General Contractor Markup	6.50%			$526,740
	General Contractor Bond & Insurance	2.85%			$245,967
	Design Contingency	20.00%			$1,775,279
	Current Construction Cost				**$10,651,676**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Sanitary Sewer
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
33 30 00	**SANITARY SEWER**				
33 30 00	Connect to (E) System in Public Street	10	ea	$12,500.00	$125,000
33 30 00	6" Line - Includes Fittings	2,500	lf	$135.00	$337,500
33 30 00	8" Line - Includes Fittings	3,000	lf	$145.00	$435,000
33 30 00	10" Line - Includes Fittings	3,500	lf	$155.00	$542,500
33 30 00	12" Line - Includes Fittings	4,000	lf	$165.00	$660,000
33 30 00	16" Line - Includes Fittings	3,500	lf	$180.00	$630,000
33 30 00	18" Line - Includes Fittings	2,500	lf	$200.00	$500,000
33 30 00	Clean Outs	200	ea	$400.00	$80,000
33 30 00	Lift Stations	2	ea	$50,000.00	$100,000
33 30 00					
33 30 00	**SANITARY SEWER**				**$3,410,000**
Total	**Subtotal subcontractor cost**				**$3,410,000**
	General Conditions	14.00%			$477,400
	General Contractor Markup	6.50%			$252,681
	General Contractor Bond & Insurance	2.85%			$117,992
	Design Contingency	20.00%			$851,615
	Current Construction Cost				**$5,109,688**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Natural Gas
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
33 51 00	**NATURAL GAS DISTRIBUTION**				
33 51 00	Connect to (E) System in Public Street	10	ea	$15,000.00	$150,000
33 51 00	4" Line w/ Fittings and Valves	4,000	lf	$135.00	$540,000
33 51 00	6" Line w/ Fittings and Valves	8,000	lf	$145.00	$1,160,000
33 51 00	8" Line w/ Fittings and Valves	7,500	lf	$155.00	$1,162,500
33 51 00	Manifold/Meters	10	ea	$12,500.00	$125,000
33 51 00					
33 51 00	**NATURAL GAS DISTRIBUTION**				**$3,137,500**
Total	**Subtotal subcontractor cost**				**$3,137,500**
	General Conditions	14.00%			$439,250
	General Contractor Markup	6.50%			$232,489
	General Contractor Bond & Insurance	2.85%			$108,563
	Design Contingency	20.00%			$783,560
	Current Construction Cost				**$4,701,362**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Site Electrical
Date: December 5, 2024

Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
26 56 00	**SITE LIGHTING**				
26 56 00	Site Lighting - Distribution	10,000	lf	$120.00	$1,200,000
26 56 00	Site Lighting - Parking Lot Pole Lights	80	ea	$10,000.00	$800,000
26 56 00	Site Lighting - Walkway Pole Lights	100	ea	$4,500.00	$450,000
26 56 00					
26 56 00	**SITE LIGHTING**				**$2,450,000**
Total	**Subtotal subcontractor cost**				**$2,450,000**
	General Conditions	14.00%			$343,000
	General Contractor Markup	6.50%			$181,545
	General Contractor Bond & Insurance	2.85%			$84,775
	Design Contingency	20.00%			$611,864
	Current Construction Cost				**$3,671,184**

Stone Creek Engineering, Inc.
Prepared for: JCCA
Project Owner: Division of General Services
Project: Exposition Park - Utility Replacement & Site Improvements
Designed by: JCCA
Tab Name: Site Comm-Data
Date: December 5, 2024

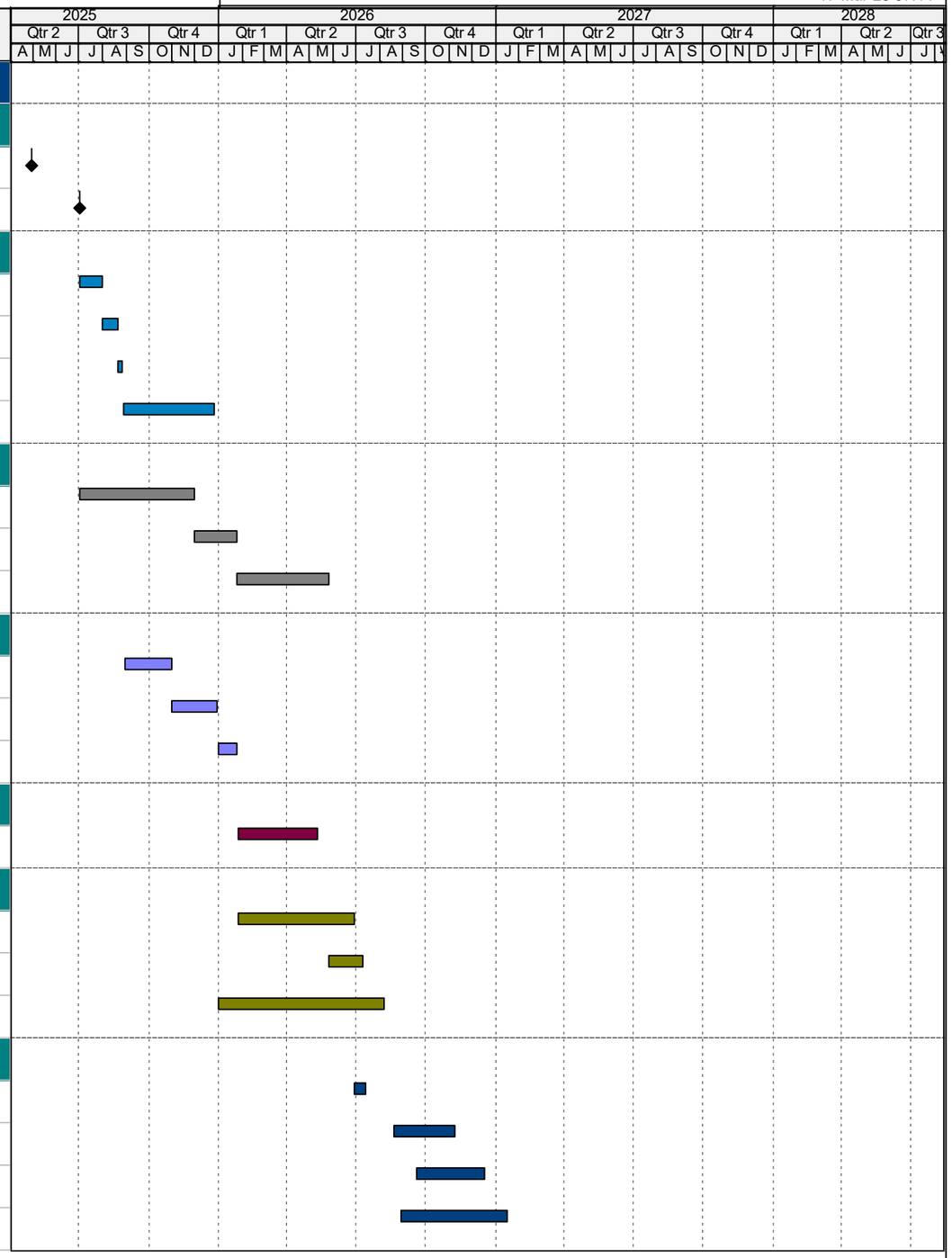
Design Level: Budget

TRADE	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST - SUB
27 00 00	**SITE COMMUNICATIONS**				
27 00 00	Spare Conduits: (2) 4" & (2) 2" Conduits	5,000	lf	$90.00	$450,000
27 00 00	Pull Boxes	50	ea	$3,500.00	$175,000
27 00 00					
27 00 00	**SITE COMMUNICATIONS**				**$625,000**
Total	**Subtotal subcontractor cost**				**$625,000**
	General Conditions	14.00%			$87,500
	General Contractor Markup	6.50%			$46,313
	General Contractor Bond & Insurance	2.85%			$21,626
	Design Contingency	20.00%			$156,088
	Current Construction Cost				**$936,527**

SECTION 3.0

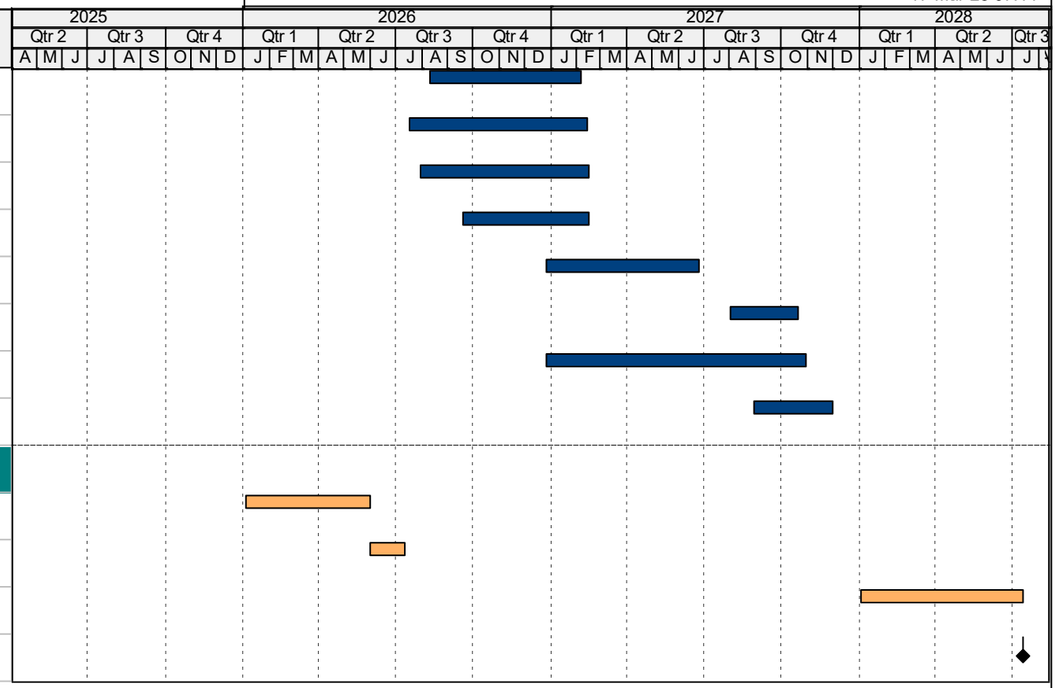
PRELIMINARY SCHEDULE

Activity ID	Activity Name	ORG DUR	Start	Finish
LA Exposition Park Infrastructure				
Finance				
F100	FINANCE PACKAGE	0		30-Apr-25*
F900	FUNDING	0		01-Jul-25
State CM Selection				
CM100	Creation of RFQ for CM firms and Interviews	30	02-Jul-25	31-Jul-25
CM120	CM Interviews and Selection	21	31-Jul-25	20-Aug-25
CM130	CM Selection	7	21-Aug-25	27-Aug-25
CM900	CM Contract	120	28-Aug-25	25-Dec-25
PDB Selection				
PDB100	Creation of RFQ for PDB firms and Interviews	152	02-Jul-25	30-Nov-25
PDB120	PDB Interviews and Selection	57	30-Nov-25	25-Jan-26
PDB900	PMDN Contracts	121	25-Jan-26	25-May-26
Design				
DSGN30	SD (30% Design)	62	30-Aug-25	30-Oct-25
DSGN60	DD (60% Design)	61	31-Oct-25	30-Dec-25
DSGN100	CD (100% Design)	26	31-Dec-25	25-Jan-26
Regulatory Reviews				
RVW900	Regulatory Reviews, Backchecks & Approval	105	26-Jan-26	10-May-26
Permitting and Procurement				
P100	Traffic Control Permit Development, Review and Approval	155	26-Jan-26	29-Jun-26
P200	Utility Permits (Shop Drawings, Regulatory Review / Approval)	45	26-May-26	09-Jul-26
P300	Procurement Long Lead	220	31-Dec-25	07-Aug-26
Construction Work Packages				
C100	Traffic Control Set Up and Implementation	10	29-Jun-26	14-Jul-26
C105	Domestic Water Supply Lines	80	20-Aug-26	07-Nov-26
C110	Site Communications and Communication Conduits	90	19-Sep-26	17-Dec-26
C115	Site Electrical Systems and Additional Conduits	140	30-Aug-26	16-Jan-27



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Activity ID	Activity Name	ORG DUR	Start	Finish
C120	Sanitary Sewer Systems	180	10-Aug-26	05-Feb-27
C125	Demo of Existing Paving and Landscaping	210	18-Jul-26	12-Feb-27
C130	Storm Water Systems	200	31-Jul-26	15-Feb-27
C135	Natural Gas and Set Meters	150	19-Sep-26	15-Feb-27
C140	Demo, Excavation, and Replacement of Utility Infrastructure -- Cc	181	27-Dec-26	25-Jun-27
C145	Landscaping Repairs	80	02-Aug-27	20-Oct-27
C150	New Paving, CASp Sidewalks, Ramps, ADA Renovations and Stri	308	27-Dec-26	30-Oct-27
C155	Install Wayfinding	93	30-Aug-27	30-Nov-27
Events				
E2026A	Preparation and Security for World Cup 2026	147	05-Jan-26*	31-May-26
E2026B	World Cup 2026 games	42	01-Jun-26	12-Jul-26
E2028A	Preparation and Security for LA Olympics 2028	193	03-Jan-28*	13-Jul-28
E2028B	LA Olympics 2028 Start	0		13-Jul-28

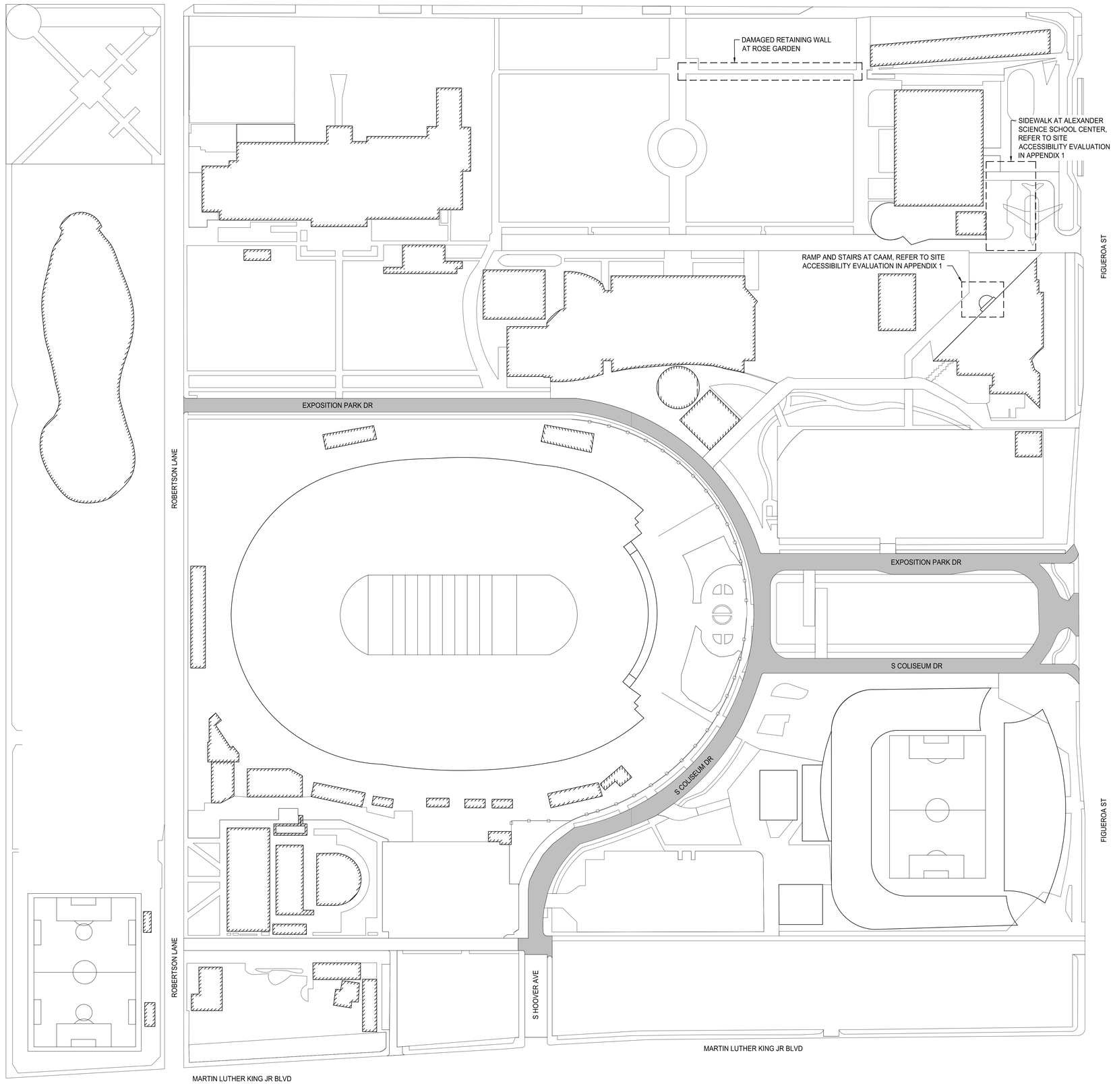


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SECTION 4.0

CONCEPTUAL DRAWINGS

S-1	OVERALL SITE PLAN	G-1	OVERALL GAS PLAN
S-1A	SITE PLAN – AREA A	G-1A	GAS PLAN – AREA A
S-1B	SITE PLAN – AREA B	G-1B	GAS PLAN – AREA B
S-1C	SITE PLAN – AREA C	G-1C	GAS PLAN – AREA C
S-1D	SITE PLAN – AREA D	G-1D	GAS PLAN – AREA D
SD-A	OVERALL STORM DRAIN PLAN	P-1	OVERALL POWER PLAN
SD-1A	STORM DRAIN PLAN – AREA A	P-1A	POWER PLAN – AREA A
SD-1B	STORM DRAIN PLAN – AREA B	P-1B	POWER PLAN – AREA B
SD-1C	STORM DRAIN PLAN – AREA C	P-1C	POWER PLAN – AREA C
SD-1D	STORM DRAIN PLAN – AREA D	P-1D	POWER PLAN – AREA D
SS-1	SANITARY SEWER OVERALL PLAN	C-1	OVERALL COMMUNICATION PLAN
SS-1A	SANITARY SEWER PLAN – AREA A	C-1A	COMMUNICATION PLAN – AREA A
SS-1B	SANITARY SEWER PLAN – AREA B	C-1B	COMMUNICATION PLAN – AREA B
SS-1C	SANITARY SEWER PLAN – AREA C	C-1C	COMMUNICATION PLAN – AREA C
SS-1D	SANITARY SEWER PLAN – AREA D	C-1D	COMMUNICATION PLAN – AREA D
W-1	OVERALL WATER PLAN		
W-1A	WATER PLAN – AREA A		
W-1B	WATER PLAN – AREA B		
W-1C	WATER PLAN – AREA C		
W-1D	WATER PLAN – AREA D		



LEGEND:

CONCRETE VEHICULAR ROADWAYS TO BE REMOVED AND REPLACED

GENERAL NOTES:

1. FOR CONCRETE PEDESTRIAN WALKWAYS TO BE REMOVED AND REPLACED, REFER TO EXTERIOR PATH OF TRAVEL SURVEY, SITE ACCESSIBILITY EVALUATION

OVERALL SITE PLAN

SCALE: 0 10 50 100 FEET 200

1" = 100'

N

DSA STAMP

DGS GENERAL SERVICES

Department of General Services

State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project

EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
OVERALL SITE PLAN

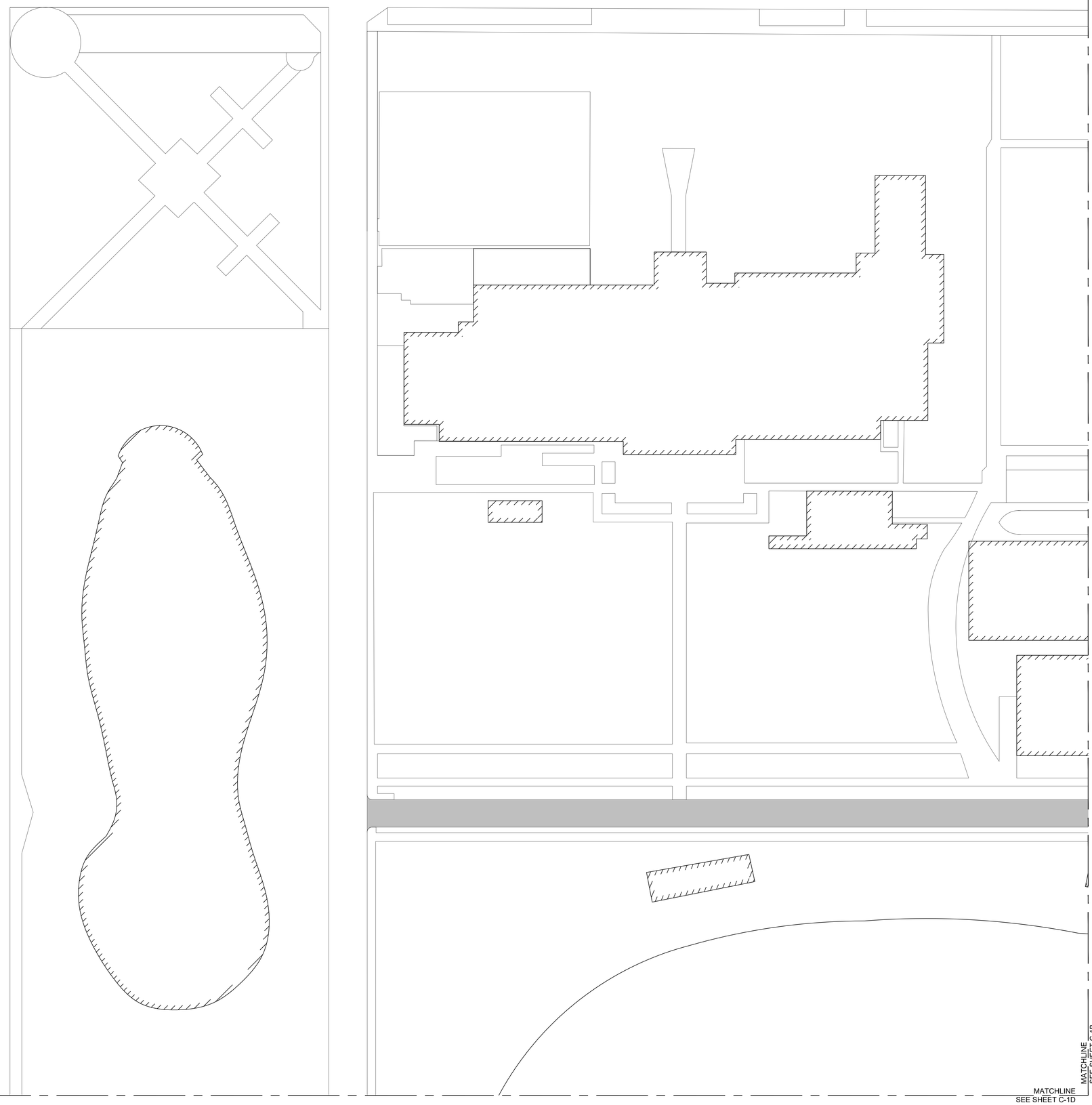
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Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number: C-1

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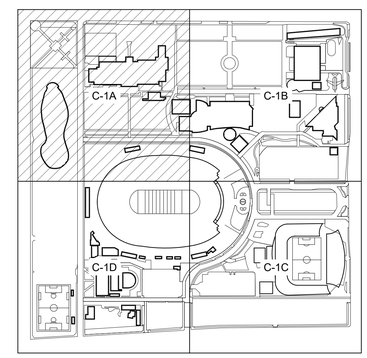


LEGEND:

CONCRETE VEHICULAR ROADWAYS TO BE REMOVED AND REPLACED

GENERAL NOTES:

1. FOR CONCRETE PEDESTRIAN WALKWAYS TO BE REMOVED AND REPLACED, REFER TO EXTERIOR PATH OF TRAVEL SURVEY, SITE ACCESSIBILITY EVALUATION



KEY PLAN

SITE PLAN - AREA A

SCALE: 0 5 25 50 FEET 100

1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
SITE PLAN - AREA A

DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number: C-1A

DATE/TIME: 07 Mar 2025, 03:37PM
FILE: L:\DWG\ACAD\24-300-6 Park Facility Assessment, EXPO\CAD\24309[6_51X_SITE ENLARGED PLANS.dwg

MATCHLINE
SEE SHEET C-1A

MATCHLINE
SEE SHEET C-1A

MATCHLINE
SEE SHEET C-1C

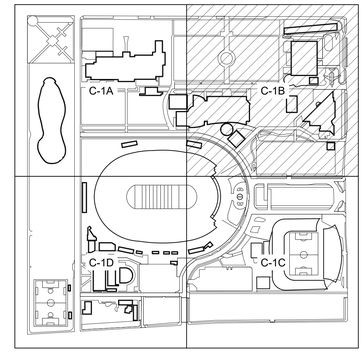
MATCHLINE
SEE SHEET C-1C

LEGEND:

CONCRETE VEHICULAR ROADWAYS TO BE REMOVED AND REPLACED

GENERAL NOTES:

1. FOR CONCRETE PEDESTRIAN WALKWAYS TO BE REMOVED AND REPLACED, REFER TO EXTERIOR PATH OF TRAVEL SURVEY, SITE ACCESSIBILITY EVALUATION



KEY PLAN

SITE PLAN - AREA B

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
SITE PLAN - AREA B

DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number: C-1B

DATE/TIME: 07 Mar 2025, 03:37PM
FILE: I:\2024\24300-6 Site Facility Assessment_EXPO\CAD\24300_51X_SITE ENLARGED PLANS.dwg
JCCA

MATCHLINE
SEE SHEET C-1B

MATCHLINE
SEE SHEET C-1B

MATCHLINE
SEE SHEET C-1D

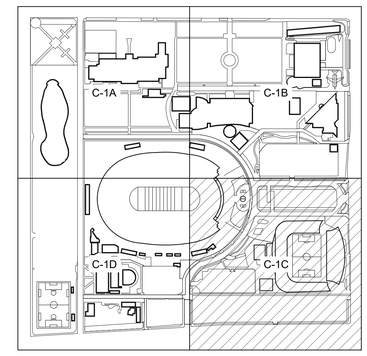
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SEE SHEET C-1D

LEGEND:

CONCRETE VEHICULAR ROADWAYS TO BE REMOVED AND REPLACED

GENERAL NOTES:

1. FOR CONCRETE PEDESTRIAN WALKWAYS TO BE REMOVED AND REPLACED, REFER TO EXTERIOR PATH OF TRAVEL SURVEY, SITE ACCESSIBILITY EVALUATION



KEY PLAN

SITE PLAN - AREA C

SCALE: 0.5 25 50 FEET 100
1" = 50'

DSA STAMP

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Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

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Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

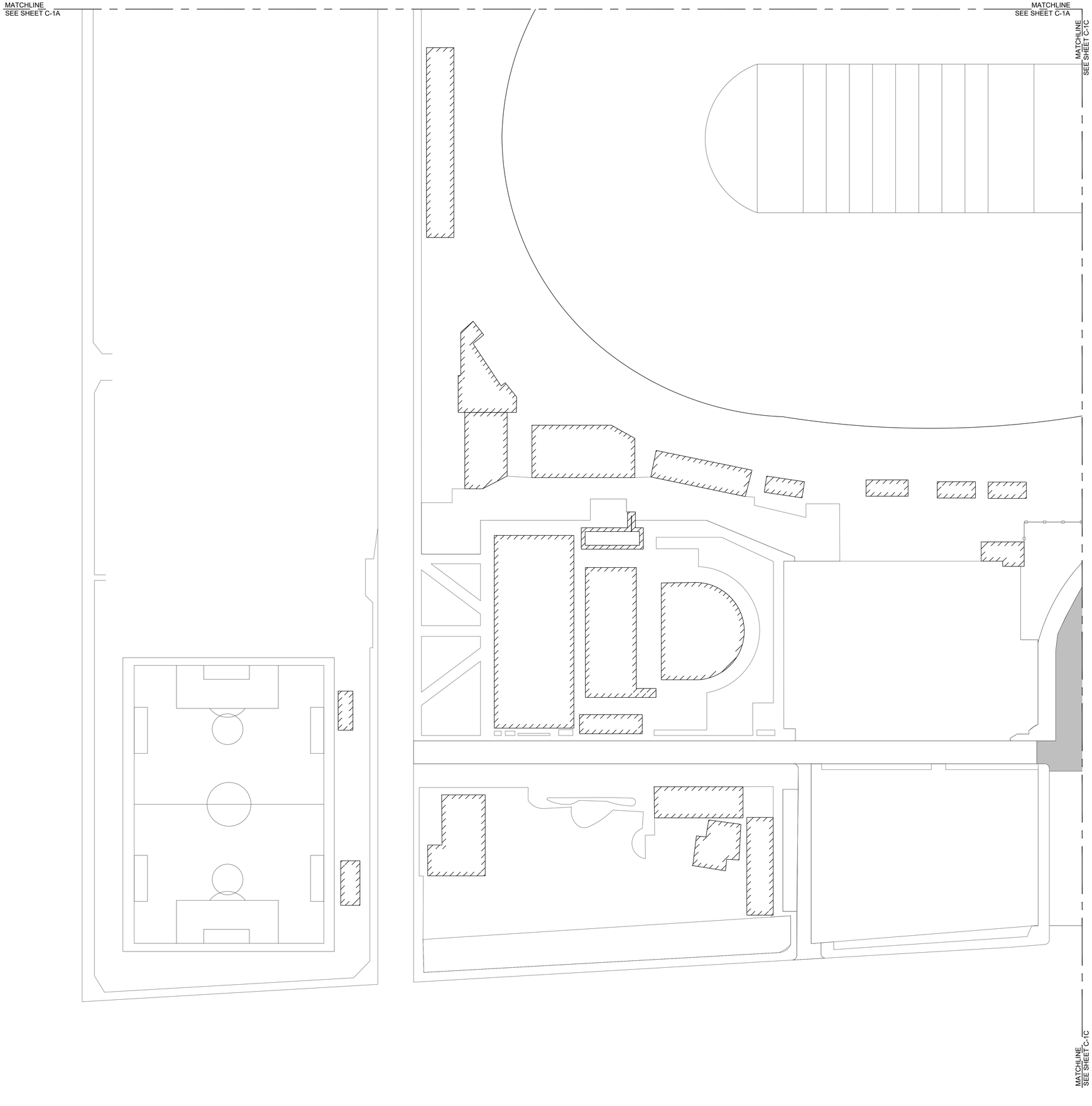
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Vault File Number: -

Sheet Title
SITE PLAN - AREA C

DSA Building Number: ---
Work Order: -

Reference North
Sheet Scale: AS SHOWN
Sheet Number: C-1C

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JCCA

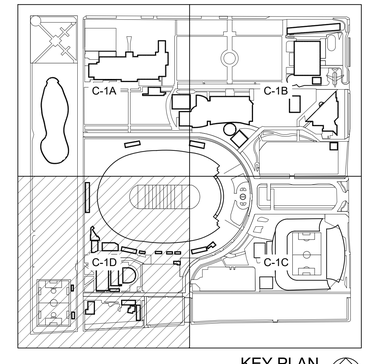


LEGEND:

CONCRETE VEHICULAR ROADWAYS TO BE REMOVED AND REPLACED

GENERAL NOTES:

1. FOR CONCRETE PEDESTRIAN WALKWAYS TO BE REMOVED AND REPLACED, REFER TO EXTERIOR PATH OF TRAVEL SURVEY, SITE ACCESSIBILITY EVALUATION



KEY PLAN

SITE PLAN - AREA D

SCALE: 0 5 25 50 FEET 100

1" = 50'

DSA STAMP

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P: 310.212.7644 F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
SITE PLAN - AREA D

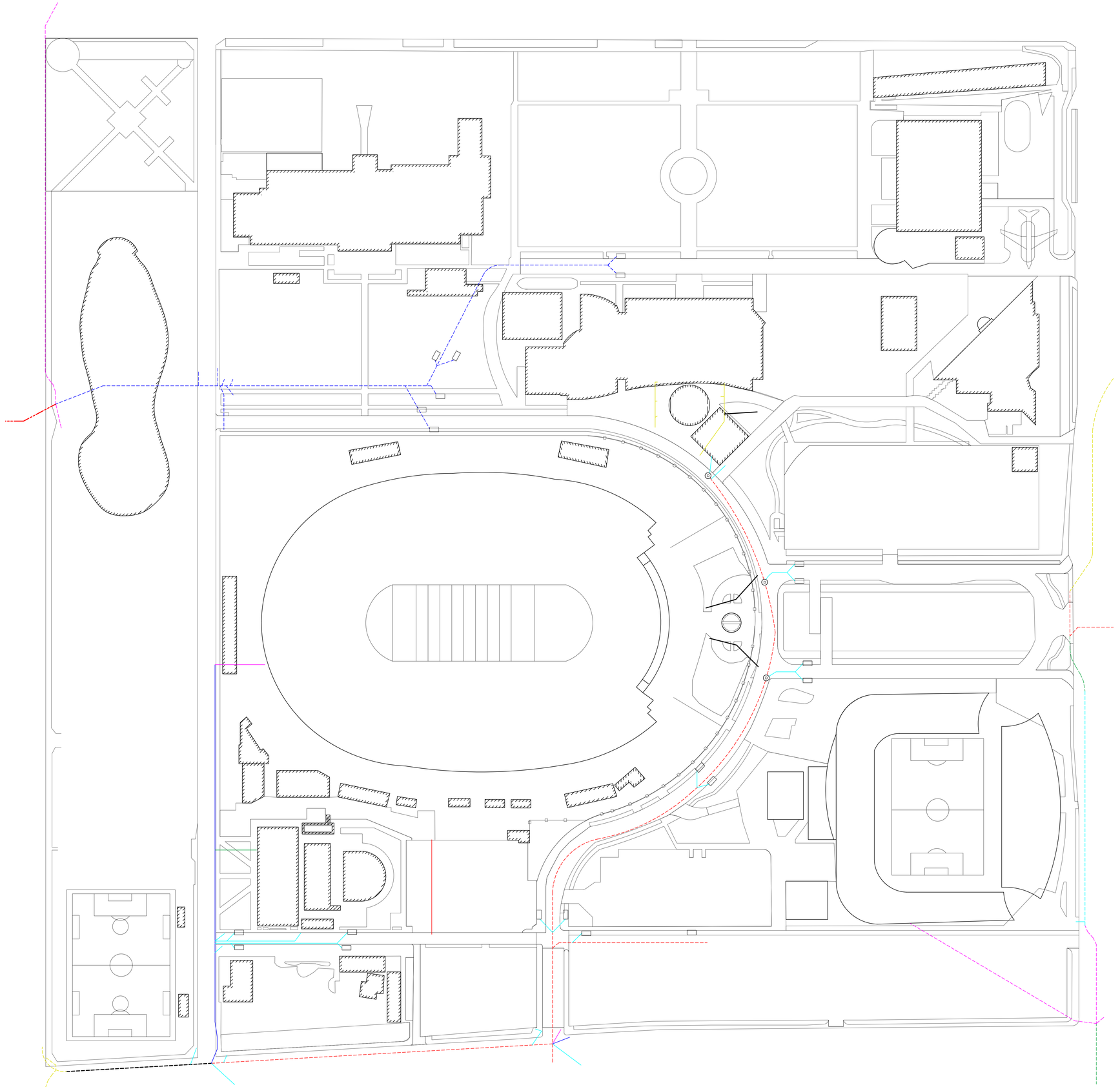
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Reference North

Sheet Scale: AS SHOWN

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C:\FILE: L:\DWG\JOBS\24 Park Assessment, EXPO\CAD\24309_51X_SITE ENLARGED PLANS.dwg



LEGEND:

- 3" STORM DRAIN
- 4" STORM DRAIN
- 6" STORM DRAIN
- 8" STORM DRAIN
- 12" STORM DRAIN
- 15" STORM DRAIN
- 18" STORM DRAIN
- 24" STORM DRAIN
- 27" STORM DRAIN
- 30" STORM DRAIN
- 36" STORM DRAIN
- 39" STORM DRAIN
- 45" STORM DRAIN
- 48" STORM DRAIN
- 54" STORM DRAIN

STORM DRAIN PLAN

SCALE: 0 10 50 100 FEET 200

1" = 100'

N

DSA STAMP

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Facilities Management Division

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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project

EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025

Vault File Number: -

Sheet Title

STORM DRAIN PLAN

DSA Building Number: ---

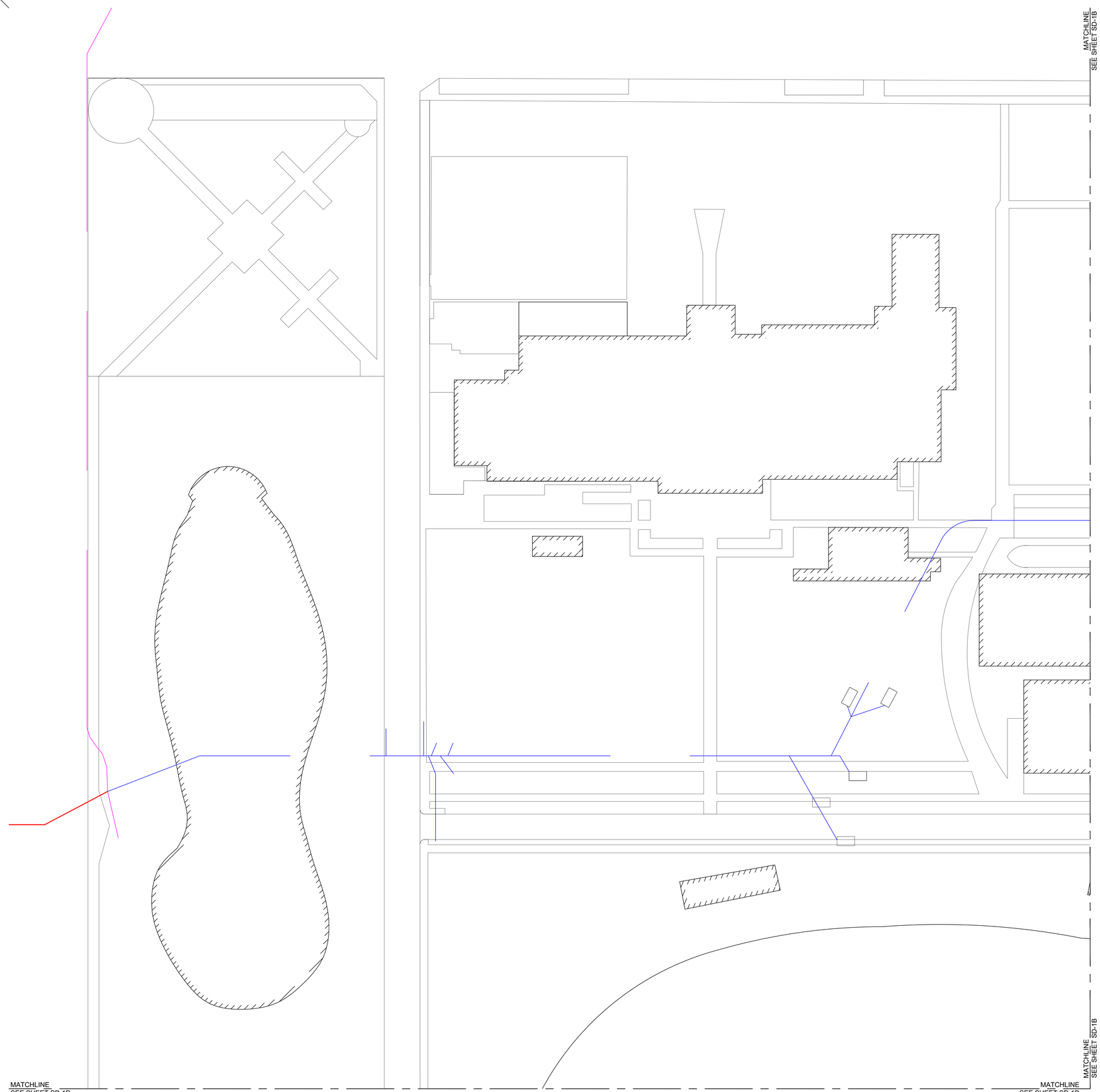
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Reference North

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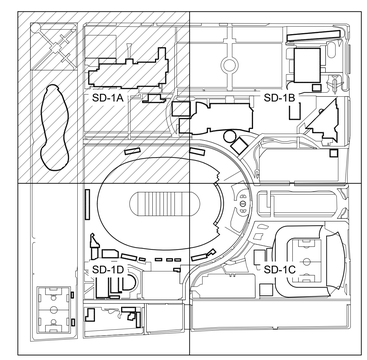
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LEGEND:

- 3" STORM DRAIN
- 4" STORM DRAIN
- 6" STORM DRAIN
- 8" STORM DRAIN
- 12" STORM DRAIN
- 15" STORM DRAIN
- 18" STORM DRAIN
- 24" STORM DRAIN
- 27" STORM DRAIN
- 30" STORM DRAIN
- 36" STORM DRAIN
- 39" STORM DRAIN
- 45" STORM DRAIN
- 48" STORM DRAIN
- 54" STORM DRAIN



KEY PLAN

STORM DRAIN PLAN - AREA A

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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Facilities Management Division
707 Third Street
West Sacramento, California 95605

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Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
STORM DRAIN PLAN
AREA A

DSA Building Number: ---
Work Order: -

Reference North
Sheet Scale: AS SHOWN
Sheet Number: SD-1A

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LEGEND:

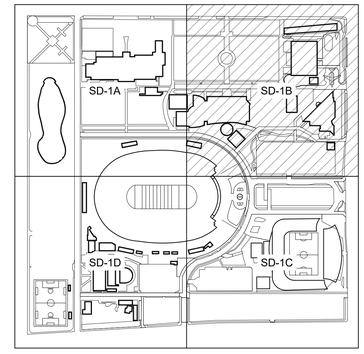
- 3" STORM DRAIN
- 4" STORM DRAIN
- 6" STORM DRAIN
- 8" STORM DRAIN
- 12" STORM DRAIN
- 15" STORM DRAIN
- 18" STORM DRAIN
- 24" STORM DRAIN
- 27" STORM DRAIN
- 30" STORM DRAIN
- 36" STORM DRAIN
- 39" STORM DRAIN
- 45" STORM DRAIN
- 48" STORM DRAIN
- 54" STORM DRAIN

D

MATCHLINE
SEE SHEET SD-1A

MATCHLINE
SEE SHEET SD-1C

MATCHLINE
SEE SHEET SD-1C



KEY PLAN

STORM DRAIN PLAN - AREA B

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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Facilities Management Division
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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
STORM DRAIN PLAN
AREA B

DSA Building Number: ---
Work Order: -

Reference North
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Sheet Number: SD-1B

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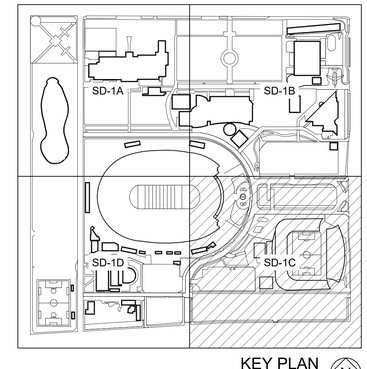
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SEE SHEET SD-1D

MATCHLINE
SEE SHEET SD-1B

MATCHLINE
SEE SHEET SD-1D

LEGEND:

- 3" STORM DRAIN
- 4" STORM DRAIN
- 6" STORM DRAIN
- 8" STORM DRAIN
- 12" STORM DRAIN
- 15" STORM DRAIN
- 18" STORM DRAIN
- 24" STORM DRAIN
- 27" STORM DRAIN
- 30" STORM DRAIN
- 36" STORM DRAIN
- 39" STORM DRAIN
- 45" STORM DRAIN
- 48" STORM DRAIN
- 54" STORM DRAIN



KEY PLAN

STORM DRAIN PLAN - AREA C

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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State of California
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707 Third Street
West Sacramento, California 95605

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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
STORM DRAIN PLAN
AREA C

DSA Building Number: ---
Work Order: -

Reference North
Sheet Scale: AS SHOWN

Sheet Number
SD-1C

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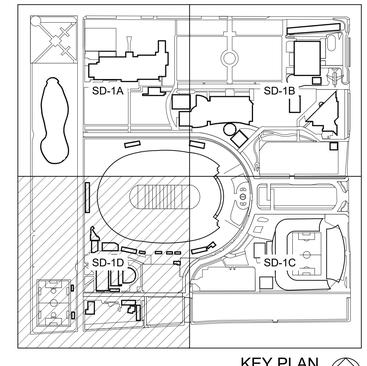
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SEE SHEET SD-1A

MATCHLINE
SEE SHEET SD-1C

MATCHLINE
SEE SHEET SD-1C

LEGEND:

- 3" STORM DRAIN
- 4" STORM DRAIN
- 6" STORM DRAIN
- 8" STORM DRAIN
- 12" STORM DRAIN
- 15" STORM DRAIN
- 18" STORM DRAIN
- 24" STORM DRAIN
- 27" STORM DRAIN
- 30" STORM DRAIN
- 36" STORM DRAIN
- 39" STORM DRAIN
- 45" STORM DRAIN
- 48" STORM DRAIN
- 54" STORM DRAIN



KEY PLAN

STORM DRAIN PLAN - AREA A

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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Facilities Management Division
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West Sacramento, California 95605

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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

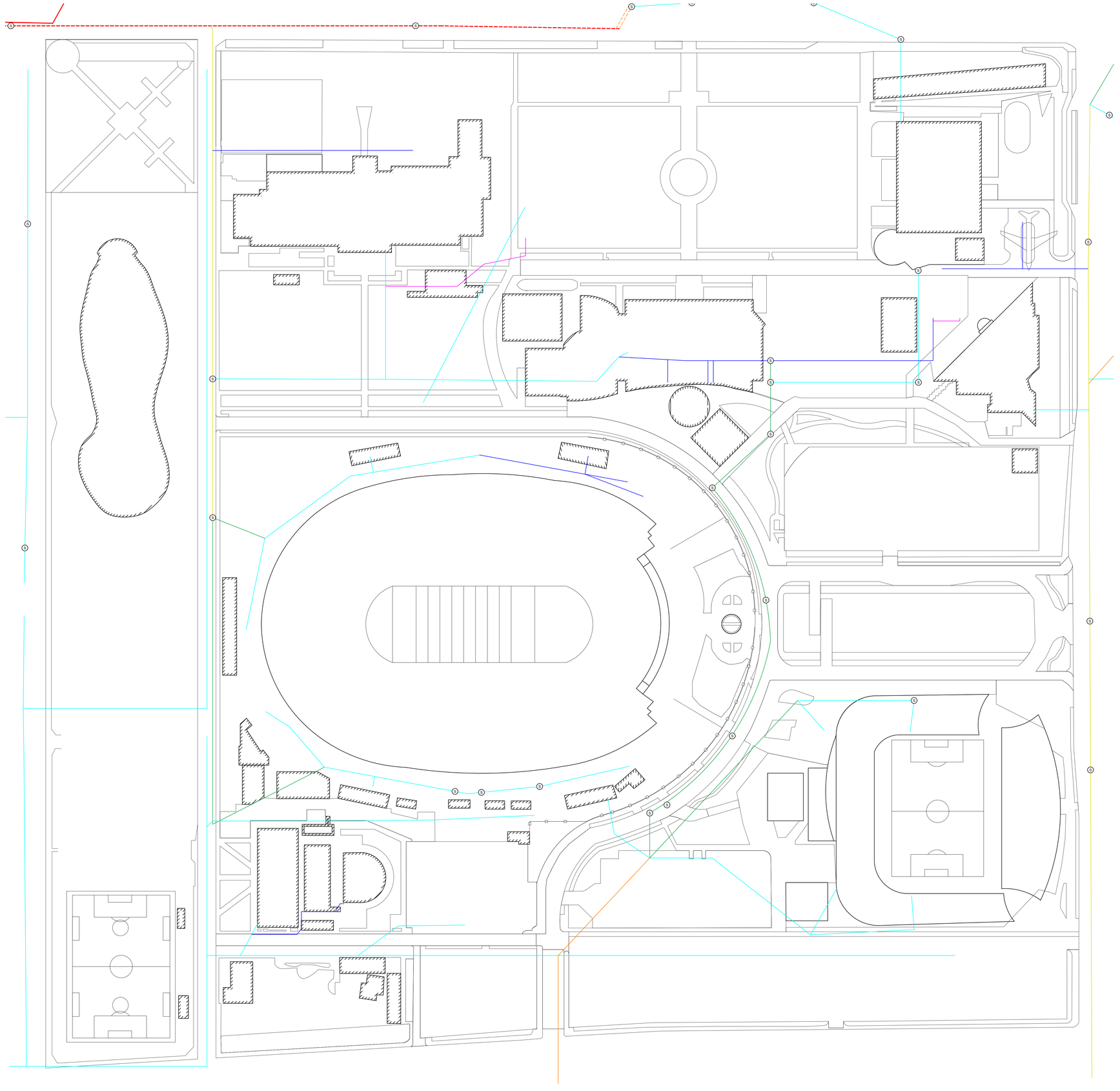
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Sheet Title
STORM DRAIN PLAN
AREA D

DSA Building Number: ---
Work Order: -

Reference North
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SANITARY SEWER PLAN

SCALE: 0 10 50 100 FEET 200
1" = 100'

N

DSA STAMP

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West Sacramento, California 95605

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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
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File Date: 03/07/2025
Vault File Number: -

Sheet Title
SANITARY SEWER
PLAN

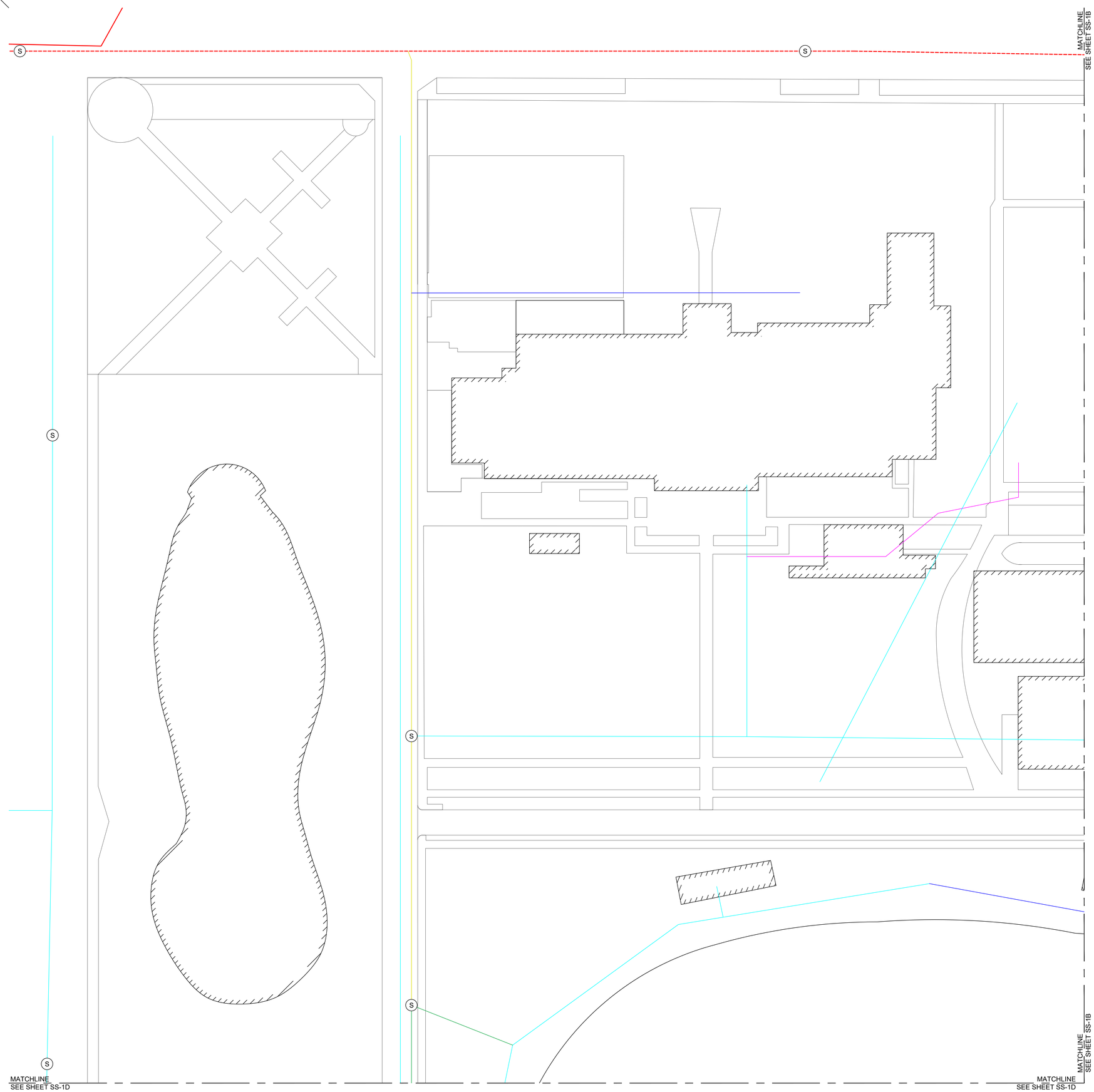
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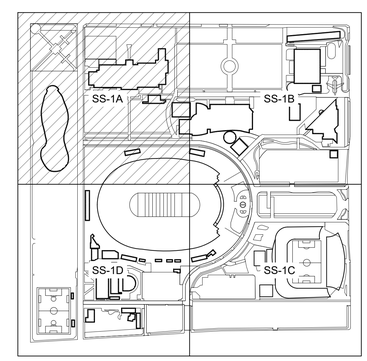
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LEGEND:

- 4" SANITARY SEWER
- 6" SANITARY SEWER
- 8" SANITARY SEWER
- 10" SANITARY SEWER
- 12" SANITARY SEWER
- 18" SANITARY SEWER
- 21" SANITARY SEWER
- 40" SANITARY SEWER
- 44" SANITARY SEWER



KEY PLAN

SANITARY SEWER PLAN - AREA A

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
SANITARY SEWER
PLAN - AREA A

DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

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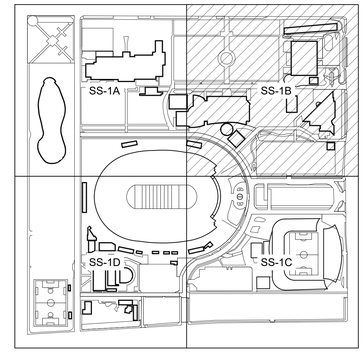
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MATCHLINE
SEE SHEET SS-1C

MATCHLINE
SEE SHEET SS-1C

LEGEND:

- 4" SANITARY SEWER
- 6" SANITARY SEWER
- 8" SANITARY SEWER
- 10" SANITARY SEWER
- 12" SANITARY SEWER
- 18" SANITARY SEWER
- 21" SANITARY SEWER
- 40" SANITARY SEWER
- 44" SANITARY SEWER



KEY PLAN

SANITARY SEWER PLAN - AREA B

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES

Department of General Services

State of California
Facilities Management Division
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JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
SANITARY SEWER
PLAN - AREA B

DSA Building Number: ---
Work Order: -

Reference North
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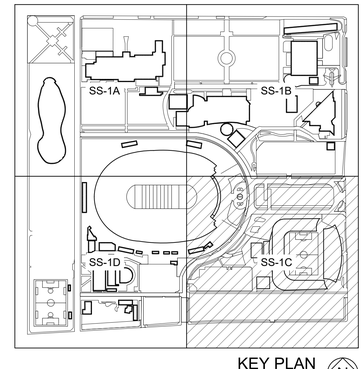
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MATCHLINE
SEE SHEET SS-1B

MATCHLINE
SEE SHEET SS-1D

LEGEND:

- 4" SANITARY SEWER
- 6" SANITARY SEWER
- 8" SANITARY SEWER
- 10" SANITARY SEWER
- 12" SANITARY SEWER
- 18" SANITARY SEWER
- 21" SANITARY SEWER
- 40" SANITARY SEWER
- 44" SANITARY SEWER



KEY PLAN

SANITARY SEWER PLAN - AREA C

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
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West Sacramento, California 95605

JCCA
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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
SANITARY SEWER
PLAN - AREA C

DSA Building Number: ---
Work Order: -

Reference North
Sheet Scale: AS SHOWN

Sheet Number
SS-1C

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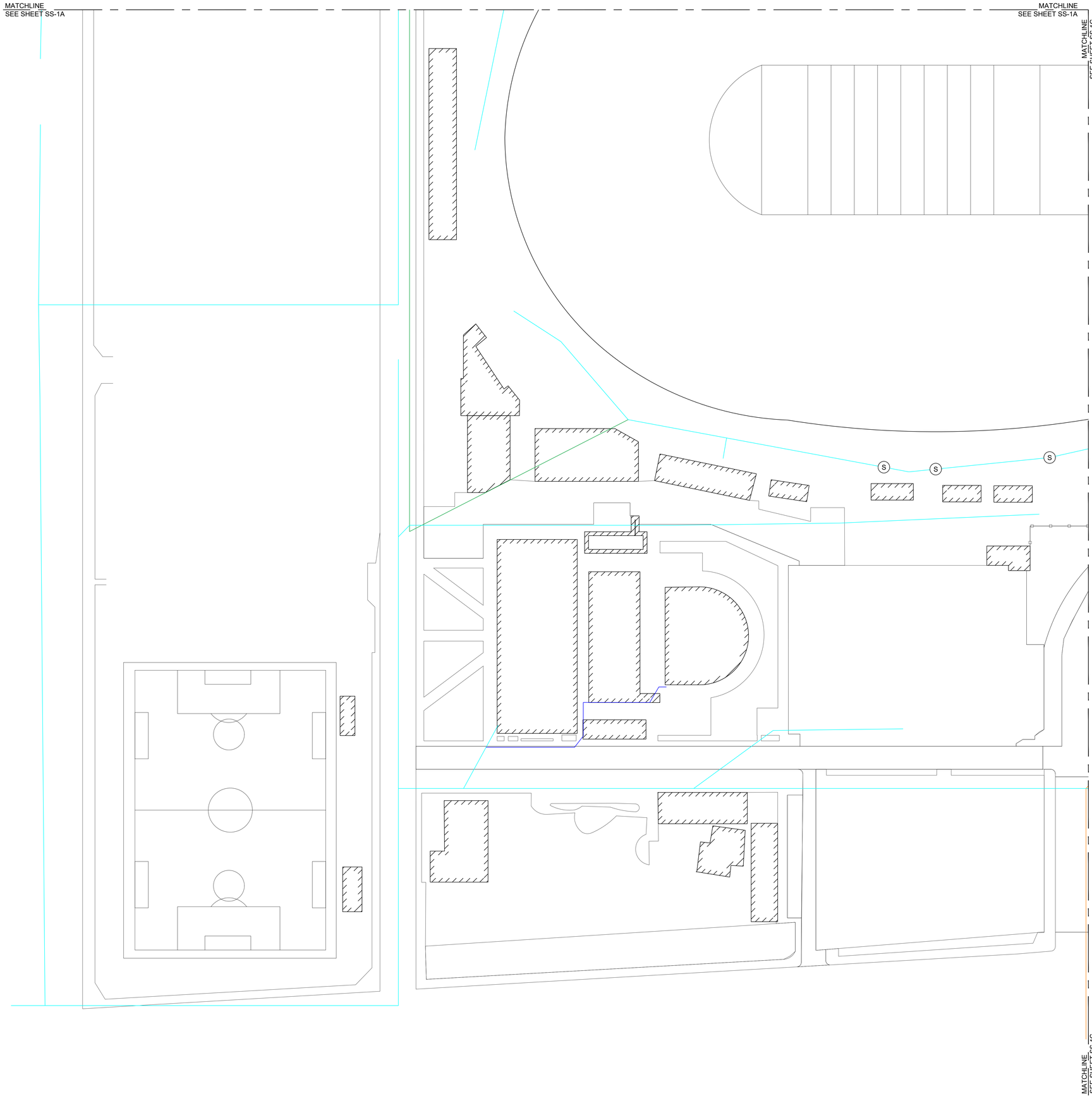
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MATCHLINE
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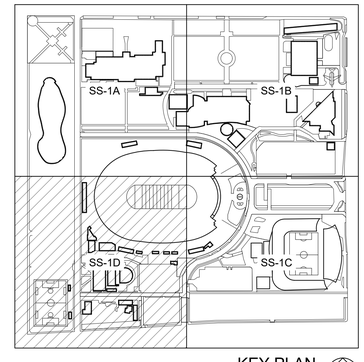
MATCHLINE
SEE SHEET SS-1C

LEGEND:

- 4" SANITARY SEWER
- 6" SANITARY SEWER
- 8" SANITARY SEWER
- 10" SANITARY SEWER
- 12" SANITARY SEWER
- 18" SANITARY SEWER
- 21" SANITARY SEWER
- 40" SANITARY SEWER
- 44" SANITARY SEWER



MATCHLINE
SEE SHEET SS-1C



KEY PLAN

SANITARY SEWER PLAN - AREA D

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
SANITARY SEWER
PLAN - AREA D

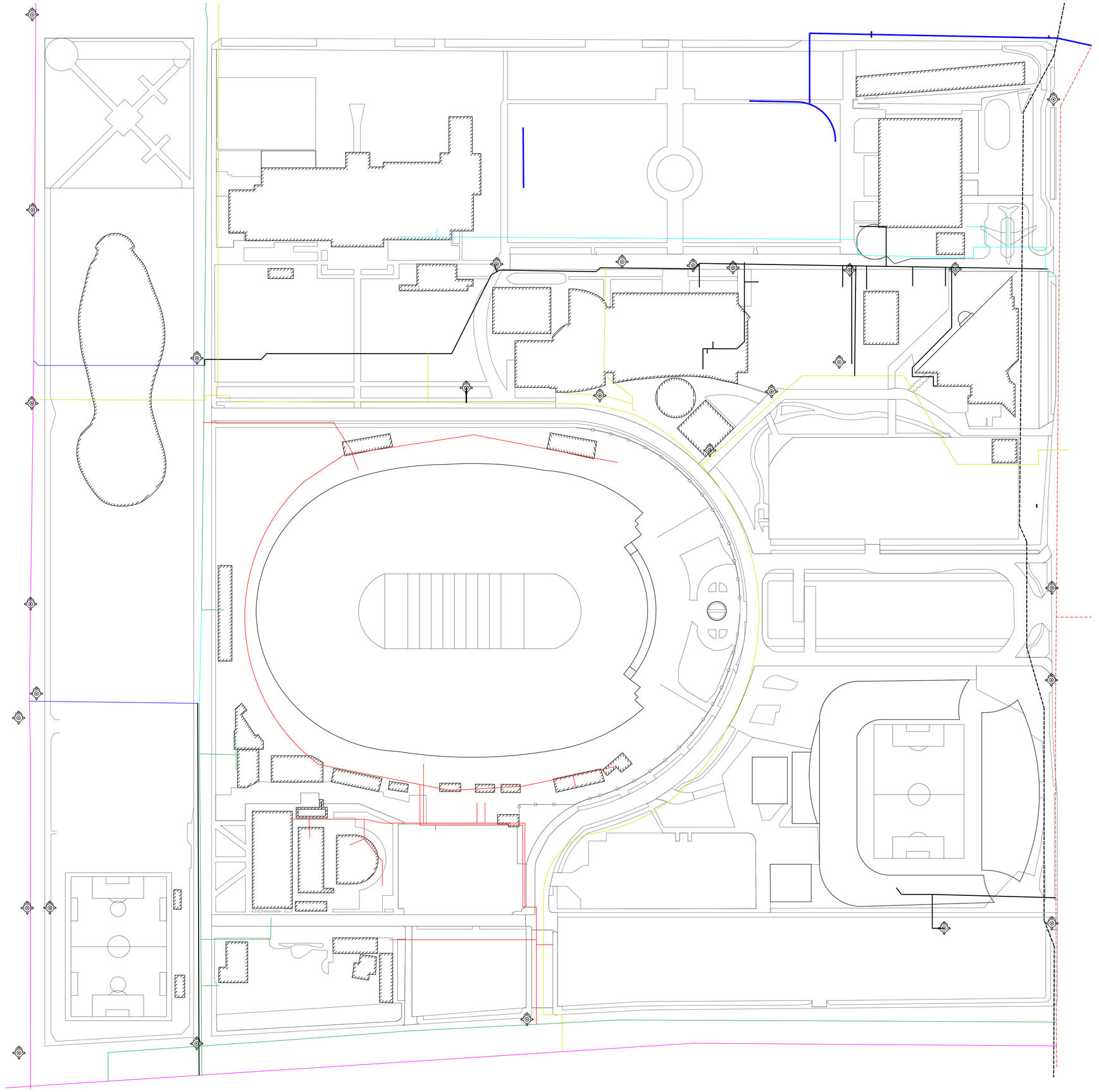
DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number: SS-1D

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XREF: E:\DWG\SS\SS-1 Site Plan\Assessment, EXPO\CAD\24309_SS1X_SANITARY SEWER ENLARGED PLAN.dwg



WATER DISTRIBUTION PLAN

SCALE: 0 10 50 100 FEET 200

1" = 100'

N

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West Sacramento, California 95605

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Architects · Engineers
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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date	Vault File Number
03/07/2025	-

Sheet Title
WATER DISTRIBUTION PLAN

DSA Building Number	Work Order
---	-

Reference North

Sheet Scale
AS SHOWN

Sheet Number
W-1

DATE/TIME: 07 Mar 2025, 03:37PM
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JCCA

MATCHLINE
SEE SHEET W-1B

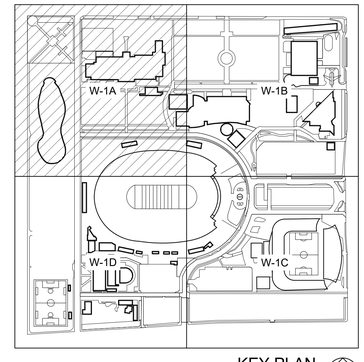
MATCHLINE
SEE SHEET W-1D

MATCHLINE
SEE SHEET W-1B

MATCHLINE
SEE SHEET W-1D

LEGEND:

- 6" WATER LINE
- 8" WATER LINE
- 12" WATER LINE
- 4" DPW WATER LINE
- 6" DPW WATER LINE
- 8" DPW WATER LINE
- 12" DPW WATER LINE
- 16" DPW WATER LINE
- 61" DPW WATER LINE



KEY PLAN

WATER DISTRIBUTION PLAN - AREA A

SCALE: 0 5 25 50 FEET 100
1" = 50'

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Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
WATER DISTRIBUTION
PLAN - AREA A

DSA Building Number: ---
Work Order: -
Reference North
Sheet Scale: AS SHOWN
Sheet Number: W-1A

D:\DATE/TIME: 07 Mar 2025, 03:37PM
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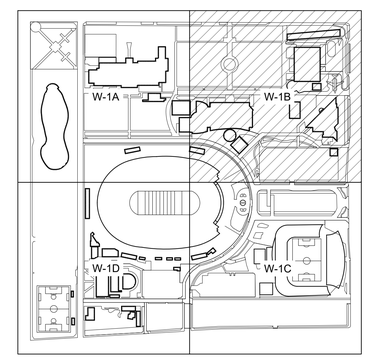
MATCHLINE
SEE SHEET W-1C

MATCHLINE
SEE SHEET W-1A

MATCHLINE
SEE SHEET W-1C

LEGEND:

- 6" WATER LINE
- 8" WATER LINE
- 12" WATER LINE
- 4" DPW WATER LINE
- 6" DPW WATER LINE
- 8" DPW WATER LINE
- 12" DPW WATER LINE
- 16" DPW WATER LINE
- 61" DPW WATER LINE



KEY PLAN

WATER DISTRIBUTION PLAN - AREA B

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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Facilities Management Division
707 Third Street
West Sacramento, California 95605

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385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
WATER DISTRIBUTION
PLAN - AREA B

DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number: W-1B

DATE/TIME: 07 Mar 2025, 03:37PM
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JCCA

MATCHLINE
SEE SHEET W-1B

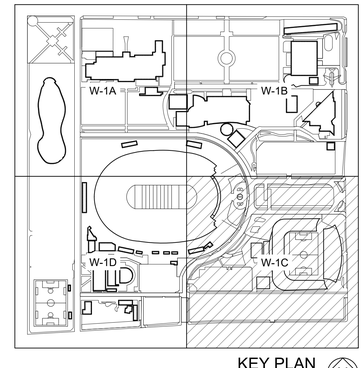
MATCHLINE
SEE SHEET W-1D

MATCHLINE
SEE SHEET W-1B

MATCHLINE
SEE SHEET W-1D

LEGEND:

- 6" WATER LINE
- 8" WATER LINE
- 12" WATER LINE
- 4" DPW WATER LINE
- 6" DPW WATER LINE
- 8" DPW WATER LINE
- 12" DPW WATER LINE
- 16" DPW WATER LINE
- 61" DPW WATER LINE



KEY PLAN

WATER DISTRIBUTION PLAN - AREA C

SCALE: 0 5 25 50 FEET 100
1" = 50'

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Facilities Management Division
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West Sacramento, California 95605

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Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
WATER DISTRIBUTION
PLAN - AREA C

DSA Building Number: ---
Work Order: -
Reference North
Sheet Scale: AS SHOWN
Sheet Number: W-1C

DATE/TIME: 07 Mar 2025, 03:37PM
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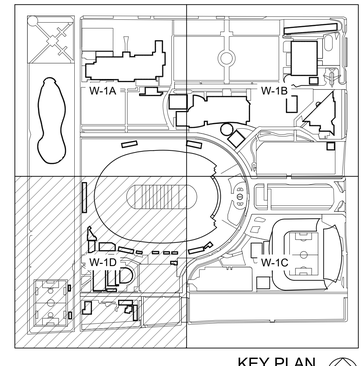
MATCHLINE
SEE SHEET W-1A

MATCHLINE
SEE SHEET W-1C

MATCHLINE
SEE SHEET W-1C

LEGEND:

- 6" WATER LINE
- 8" WATER LINE
- 12" WATER LINE
- 4" DPW WATER LINE
- 6" DPW WATER LINE
- 8" DPW WATER LINE
- 12" DPW WATER LINE
- 16" DPW WATER LINE
- 61" DPW WATER LINE



KEY PLAN

WATER DISTRIBUTION PLAN - AREA D

SCALE: 0 5 25 50 FEET 100
1" = 50'

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Facilities Management Division
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Architects · Engineers
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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
WATER DISTRIBUTION
PLAN - AREA D

DSA Building Number: ---
Work Order: -

Reference North

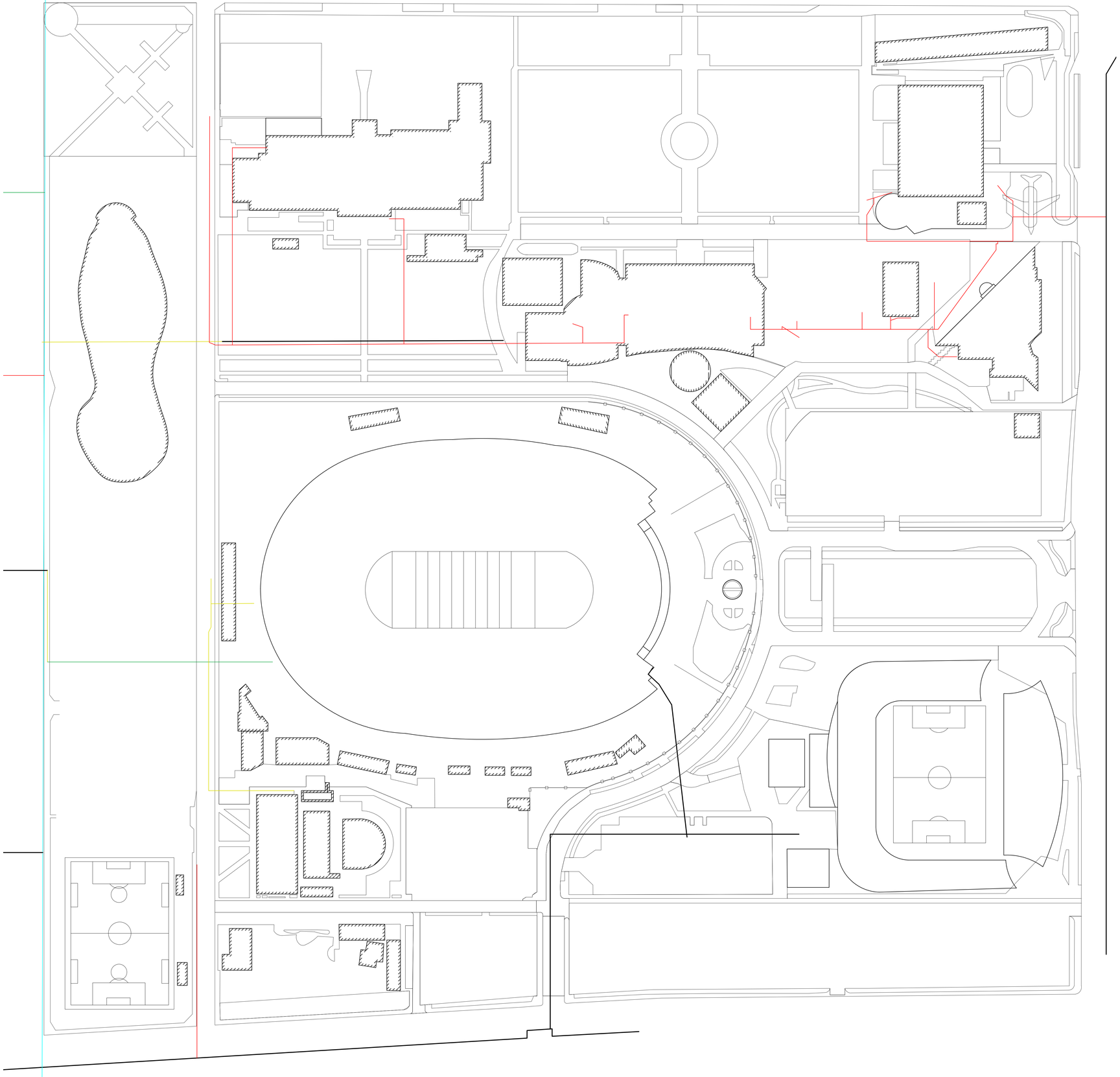
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Sheet Number: W-1D

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LEGEND:

- 2" GAS LINE
- 3" GAS LINE
- 4" GAS LINE
- 6" GAS LINE
- 8" GAS LINE



GAS DISTRIBUTION PLAN

SCALE: 0 10 50 100 FEET 200

1" = 100'

N

DSA STAMP

DGS GENERAL SERVICES

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Facilities Management Division

707 Third Street
West Sacramento, California 95605

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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project

EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025

Vault File Number: -

Sheet Title

GAS DISTRIBUTION PLAN

DSA Building Number: ---

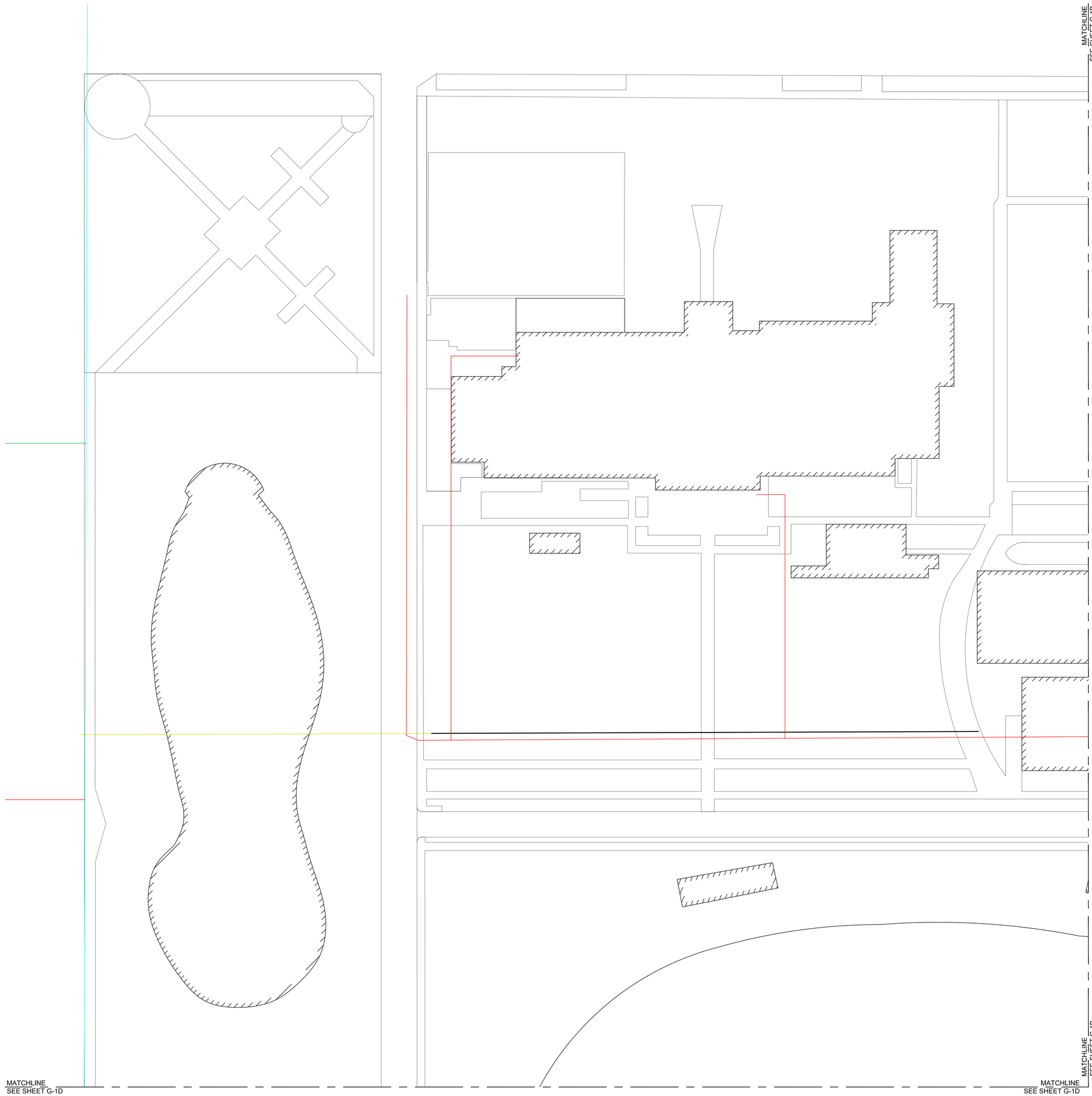
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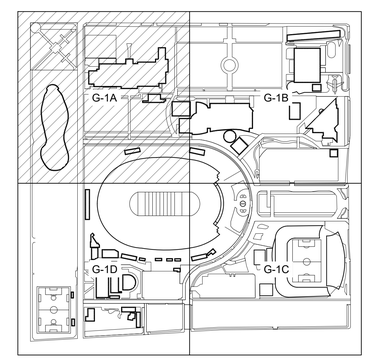
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LEGEND:

- 2" GAS LINE
- 3" GAS LINE
- 4" GAS LINE
- 6" GAS LINE
- 8" GAS LINE



KEY PLAN

GAS DISTRIBUTION PLAN - AREA A

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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Facilities Management Division
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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
GAS DISTRIBUTION
PLAN - AREA A

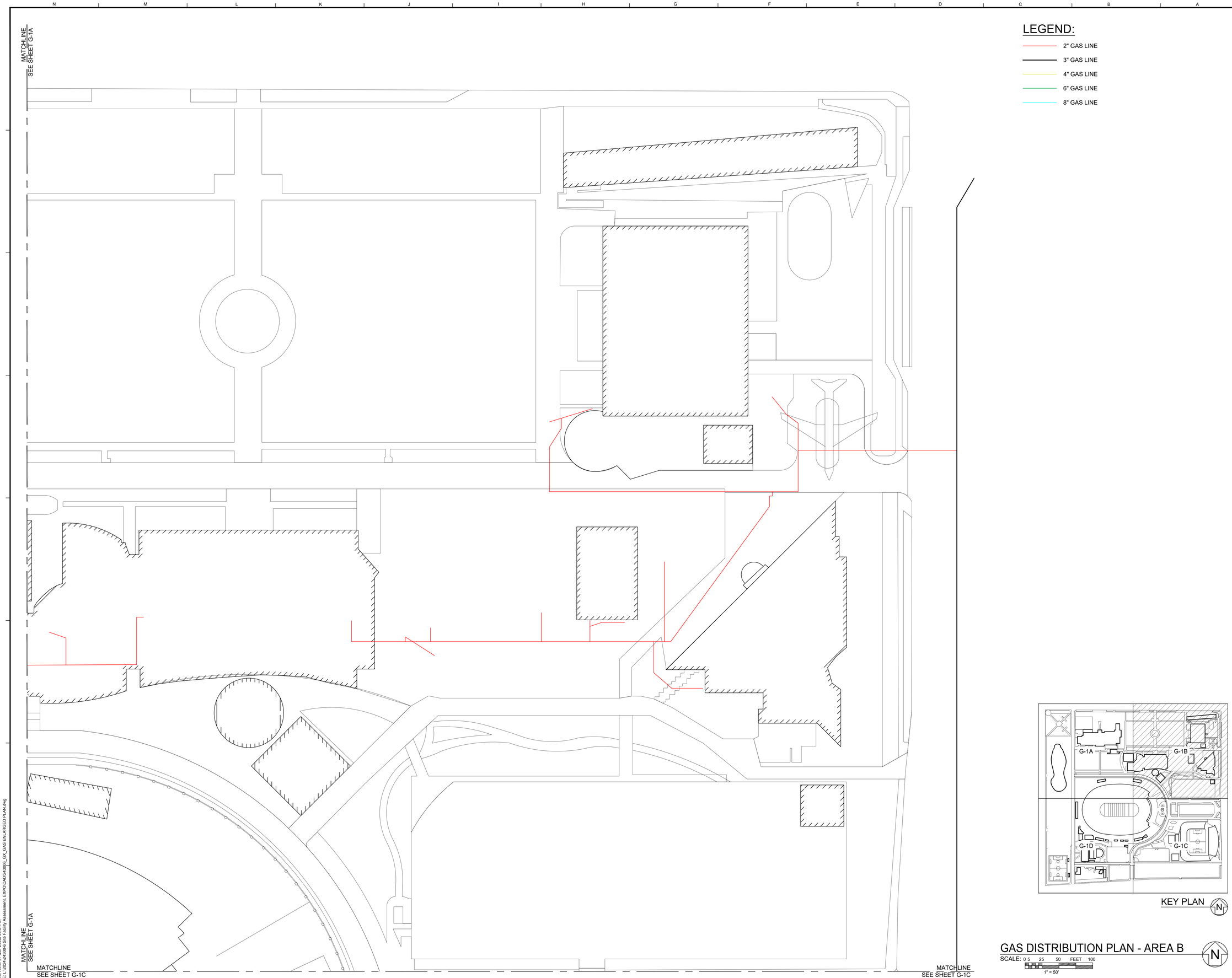
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Work Order: -

Reference North

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Sheet Number: G-1A

DATE/TIME: 07 Mar 2025, 03:37PM
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LEGEND:

- 2" GAS LINE
- 3" GAS LINE
- 4" GAS LINE
- 6" GAS LINE
- 8" GAS LINE

KEY PLAN

GAS DISTRIBUTION PLAN - AREA B

SCALE: 0 .5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

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385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
GAS DISTRIBUTION
PLAN - AREA B

DSA Building Number: ---
Work Order: -

Reference North
Sheet Scale: AS SHOWN
Sheet Number: G-1B

DATE/TIME: 07 Mar 2025, 03:37PM
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JCCA

MATCHLINE
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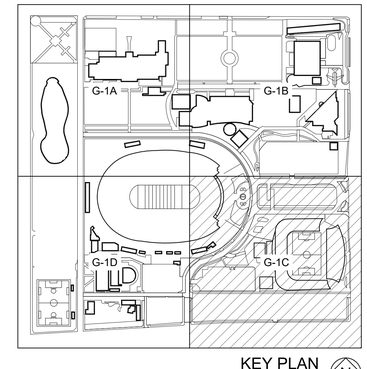
MATCHLINE
SEE SHEET G-1D

MATCHLINE
SEE SHEET G-1B

MATCHLINE
SEE SHEET G-1D

LEGEND:

- 2" GAS LINE
- 3" GAS LINE
- 4" GAS LINE
- 6" GAS LINE
- 8" GAS LINE



KEY PLAN

GAS DISTRIBUTION PLAN - AREA C

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

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Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
GAS DISTRIBUTION
PLAN - AREA C

DSA Building Number: ---
Work Order: -

Reference North
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Sheet Number: G-1C

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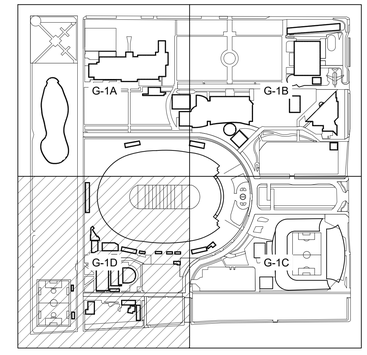
MATCHLINE
SEE SHEET G-1A

MATCHLINE
SEE SHEET G-1C

MATCHLINE
SEE SHEET G-1C

LEGEND:

- 2" GAS LINE
- 3" GAS LINE
- 4" GAS LINE
- 6" GAS LINE
- 8" GAS LINE



KEY PLAN

GAS DISTRIBUTION PLAN - AREA D

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
GAS DISTRIBUTION
PLAN - AREA D

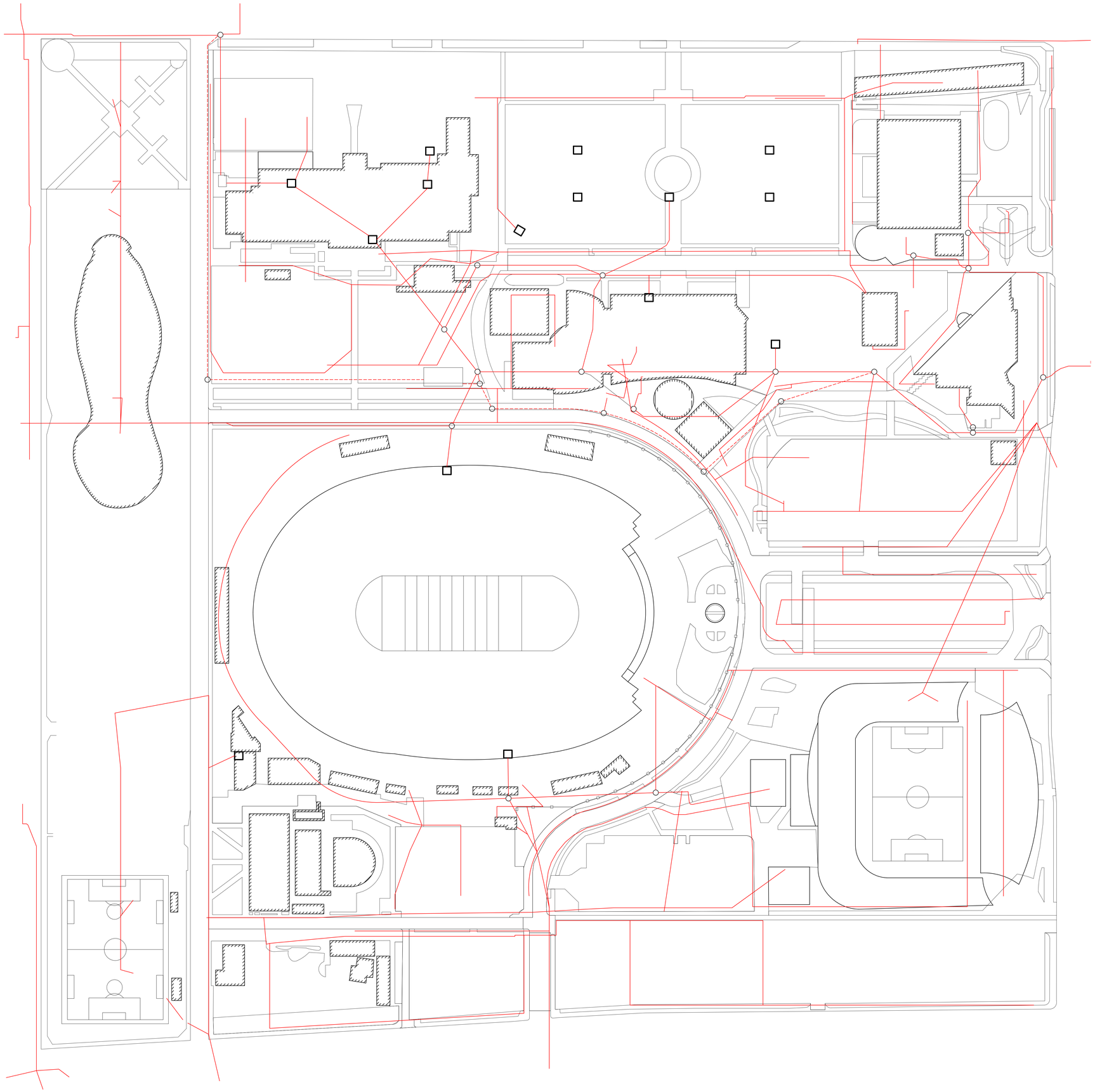
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Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number: G-1D

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OVERALL POWER PLAN

SCALE: 0 10 50 100 FEET 200
1" = 100'

DSA STAMP

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West Sacramento, California 95605

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Architects · Engineers
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P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
OVERALL POWER PLAN

DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number: P-1

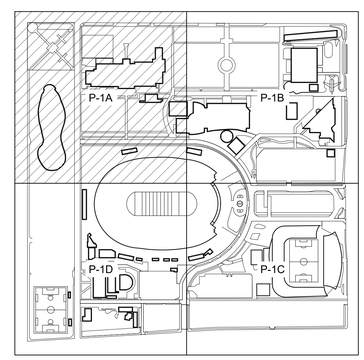
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MATCHLINE
SEE SHEET P-1B

MATCHLINE
SEE SHEET P-1D

MATCHLINE
SEE SHEET P-1B

MATCHLINE
SEE SHEET P-1D



KEY PLAN

POWER PLAN - AREA A

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

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State of California
Facilities Management Division
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West Sacramento, California 95605

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Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

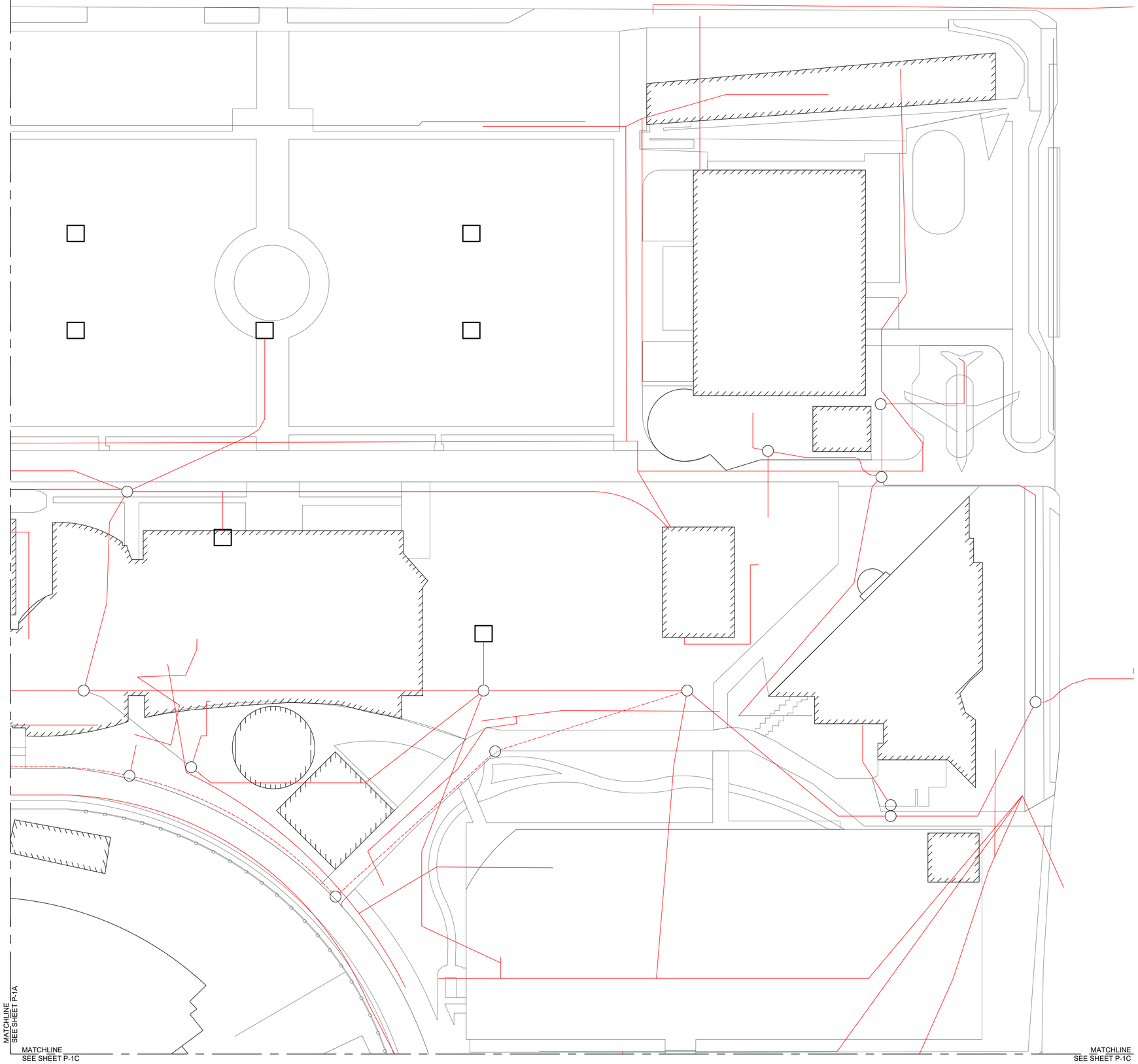
Sheet Title
POWER PLAN - AREA A

DSA Building Number: ---
Work Order: -

Reference North
Sheet Scale: AS SHOWN
Sheet Number: P-1A

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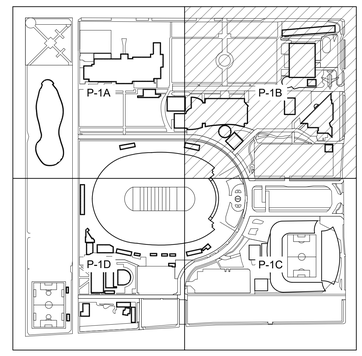
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MATCHLINE
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MATCHLINE
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MATCHLINE
SEE SHEET P-1C



KEY PLAN

POWER PLAN - AREA B

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
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DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number
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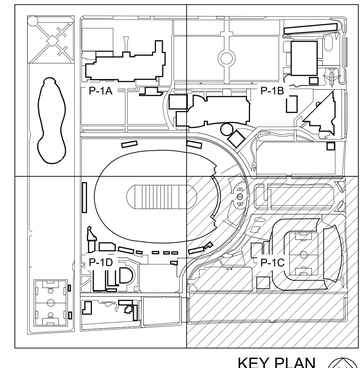
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MATCHLINE
SEE SHEET P-1B

MATCHLINE
SEE SHEET P-1D

MATCHLINE
SEE SHEET P-1D



KEY PLAN

POWER PLAN - AREA C

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
POWER PLAN - AREA C

DSA Building Number: ---
Work Order: -

Reference North
Sheet Scale: AS SHOWN

Sheet Number
P-1C

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MATCHLINE
SEE SHEET P-1A

MATCHLINE
SEE SHEET P-1A

MATCHLINE
SEE SHEET P-1C

MATCHLINE
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KEY PLAN

POWER PLAN - AREA D

SCALE: 0.5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS
GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

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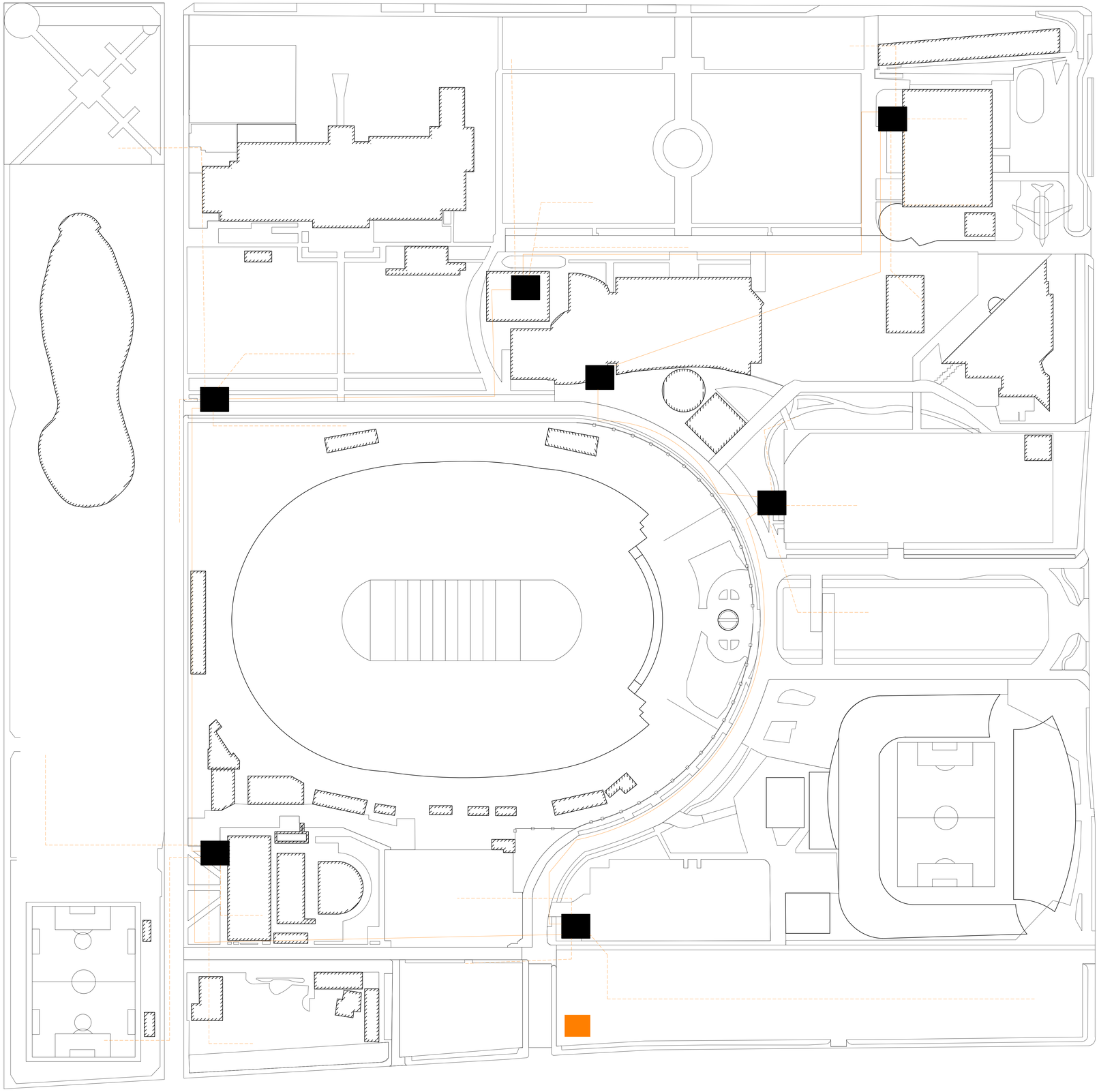
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P-1D

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JCCA



OVERALL COMMUNICATION PLAN

SCALE: 0 10 50 100 FEET 200
1" = 100'

N

DSA STAMP

DGS GENERAL SERVICES

Department of General Services

State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
OVERALL
COMMUNICATION
PLAN

DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

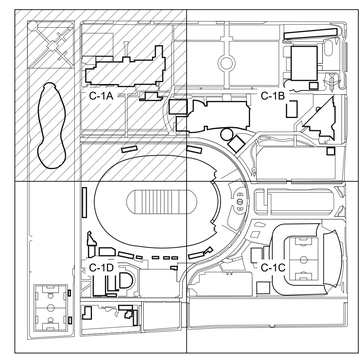
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MATCHLINE
SEE SHEET C-1D



KEY PLAN

COMMUNICATION PLAN - AREA A

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
COMMUNICATION PLAN
AREA A

DSA Building Number: ---
Work Order: -
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MATCHLINE
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MATCHLINE
SEE SHEET C-1C

MATCHLINE
SEE SHEET C-1C

KEY PLAN

COMMUNICATION PLAN - AREA B

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES

Department of General Services

State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
COMMUNICATION PLAN
AREA B

DSA Building Number: ---
Work Order: -

Reference North

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Sheet Number
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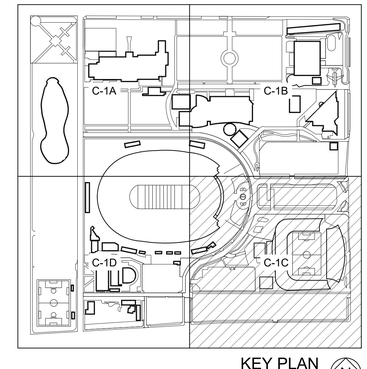
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JCCA

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MATCHLINE
SEE SHEET C-1B

MATCHLINE
SEE SHEET C-1D

MATCHLINE
SEE SHEET C-1D



KEY PLAN

COMMUNICATION PLAN - AREA C

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
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AREA C

DSA Building Number: ---
Work Order: -

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MATCHLINE
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MATCHLINE
SEE SHEET C-1C

KEY PLAN

MATCHLINE
SEE SHEET C-1C

COMMUNICATION PLAN - AREA D

SCALE: 0 5 25 50 FEET 100
1" = 50'

DSA STAMP

DGS GENERAL SERVICES
Department of General Services
State of California
Facilities Management Division
707 Third Street
West Sacramento, California 95605

JCCA
Architects · Engineers
385 VAN NESS AVE., SUITE 208, TORRANCE, CA 90501
P: 310.212.7644 I F:310.212.5272

JCCA#: 24300-6

Issue: XX-X-XXXX-X-XX

No.	Date	Description
-	-	-

Project
EXPOSITION PARK
PARK WIDE
ASSESSMENT

700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

DGS PROJECT # DGS00000014156
SFM FAC #XX-XX-X-XXXX

Supervisor	Designed	Drawn	Checked
-	AC	AC	-

File Date: 03/07/2025
Vault File Number: -

Sheet Title
COMMUNICATION PLAN
AREA D

DSA Building Number: ---
Work Order: -

Reference North

Sheet Scale: AS SHOWN

Sheet Number: C-1D

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APPENDIX A

SITE ACCESSIBILITY EVALUATION

5 February 2025

EXTERIOR PATH OF TRAVEL SURVEY
700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

SITE ACCESSIBILITY EVALUATION

Prepared for:

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
Project Management & Development Branch (PMDB)
707 Third Street, Fourth Floor
West Sacramento, California 96505

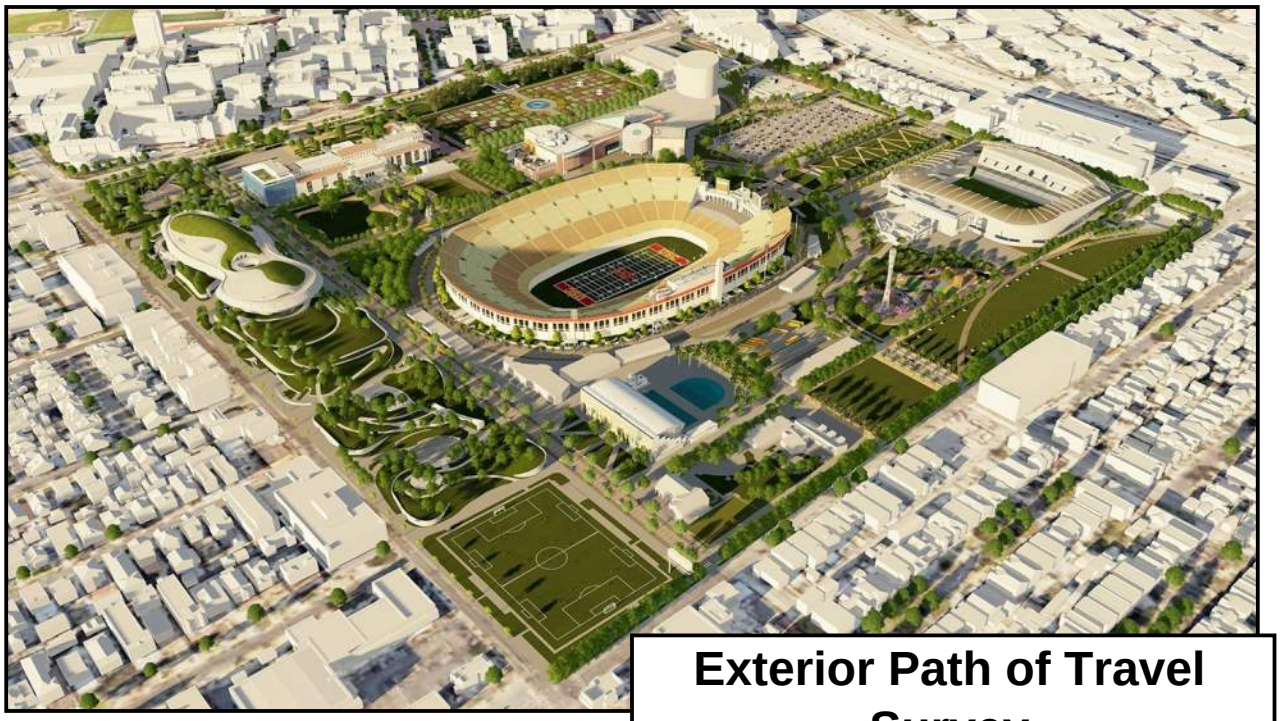
Prepared by:

JCCA
Architects · Engineers
385 Van Ness Avenue, Suite 208
Torrance, California 90501
Phone: (310) 212-7644
www.jccainc.com

JCCA #24300-6

Site Accessibility Evaluation

Americans with Disabilities Act
Title II (Public Services: State and Local Government)



Exterior Path of Travel Survey

700 Exposition Park Dr
Los Angeles, CA 90037

Exterior Only

Inspection Date: 11/11/2024
Inspector: Eduardo SantaCruz

Prepared By
SCDS Consulting Design
(310) 612 - 4574
www.scdsconsulting.com

Powered by BlueDAG

Table of Contents

Findings 3

Parking Garage/ Science Center/ Rose Garden/ CAAM 3

Coliseum Main Drive MLK to Science Center and NHS 211

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum 356

Natural History Museum South 412

Jesse Brewer Park 456

Annenberg Bldg Street/ State Street/ State Street Airplane 472

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098115 - North Accessible Parking at Bridge to CAAM

The identified accessible parking space contains several non-compliant features.
The accessible parking stall access aisle must be a minimum of 8 feet wide, (blue painted borderline around the perimeter) and a minimum 18 feet long. Alternatively, the stall can be 12 feet wide and the access aisle may be 5 feet wide. Access aisles serving van accessible parking stalls must be located on the passenger side of the vehicle. The access aisle must contain the words "No Parking" with a minimum of 12 inch letters with hatched lines a maximum of 36 inches on center in a color contrasting with that of the aisle surface, preferably blue or white. The slope in an accessible parking stall and the access aisle must not exceed 2 percent in any direction. Signs stating "Van Accessible" and "Minimum Fine $250.00" are missing or deteriorated. Required signage must be located 60 inches above the finished floor or 80 inches if the sign is in the circulation path. ISA is faded and location needs to be at end of stall

2010 CBC 11B Section 1129B.1
Each lot or parking structure where parking is provided for the public as clients, guests or employees, shall provide accessible parking as required by this section. Accessible parking spaces serving a particular building shall be located on the shortest accessible route of travel (complying with Section 1114B.1.2 (Accessible route of travel)) from adjacent parking to an accessible entrance. In parking facilities that do not serve a particular building, accessible parking shall be located on the shortest accessible route of travel to an accessible pedestrian entrance of the parking facility. In buildings with multiple accessible entrances with adjacent parking, accessible parking spaces shall be dispersed and located closest to the accessible entrances. Table 11B-6 establishes the number of accessible parking spaces required.

2022 CBC 11B (7/1/2024) Section 11B-502.1
Car and van parking spaces shall comply with Section 11B-502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.

Citation:	As Built:
2010 CBC 11B Section: 1129B.1	**N/A**
2022 CBC 11B (7/1/2024) Section: 11B-502.1	

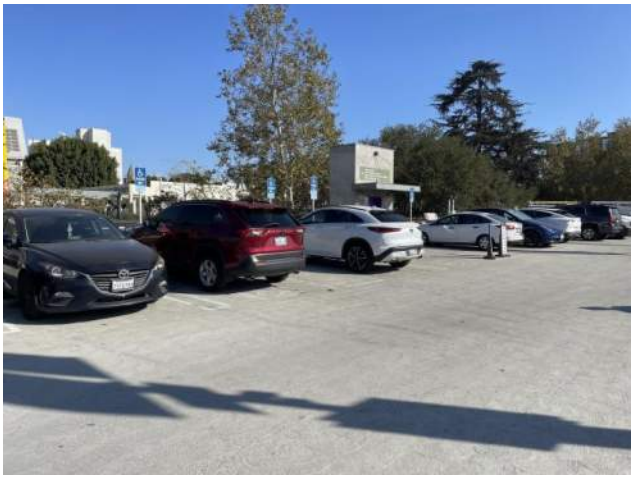
Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

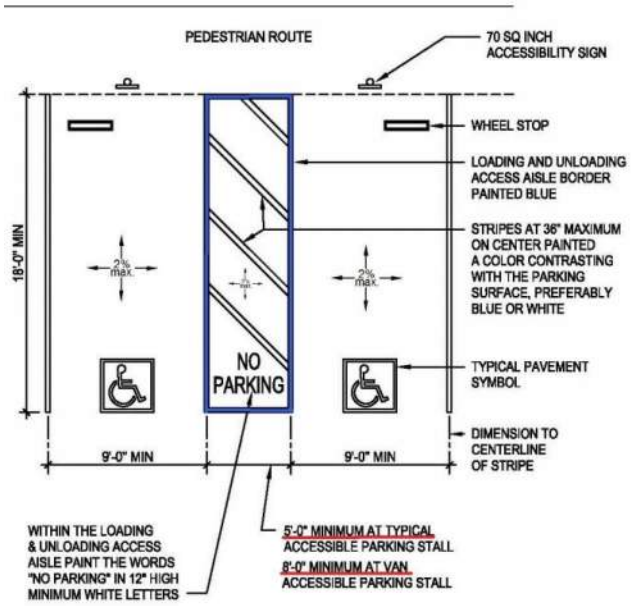
Estimated Remediation Date:
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Notes:

N/A



Finding 1098115 Main Photo



Finding: 1098115 Additional Finding Photos



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo

Finding: 1098115 Additional Finding Photos



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



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Finding 1098115 Additional Photo



Finding 1098115 Additional Photo

Finding: 1098115 Additional Finding Photos



Finding 1098115 Additional Photo



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Finding 1098115 Additional Photo



Finding 1098115 Additional Photo



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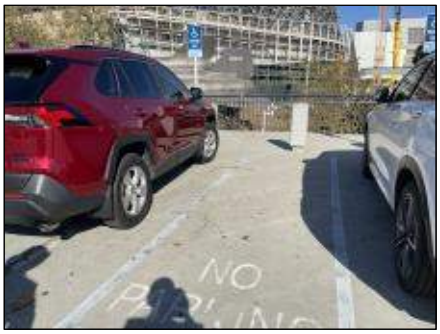


Finding 1098115 Additional Photo



Finding 1098115 Additional Photo

Finding: 1098115 Additional Finding Photos



Finding 1098115 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098116 - North EV Parking at Bridge to CAAM

The "EV CHARGING ONLY" stall marking is missing.

EVCS vehicle spaces shall provide surface marking stating “EV CHARGING ONLY” in letters 12 inches high minimum. The centerline of the text shall be a maximum of 6 inches from the centerline of the vehicle space and its lower corner at, or lower side aligned with, the end of the parking space length. In addition the Van Accessible space is not marked

2022 CBC 11B (7/1/2024) Section 11B-812.9
EVCS vehicle spaces shall provide surface marking stating "EV CHARGING ONLY" in letters 12 inches (305 mm) high minimum. The centerline of the text shall be a maximum of 6 inches (152 mm) from the centerline of the vehicle space and its lower comer at, or lower side aligned with, the end of the parking space length.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-812.9	**N/A**

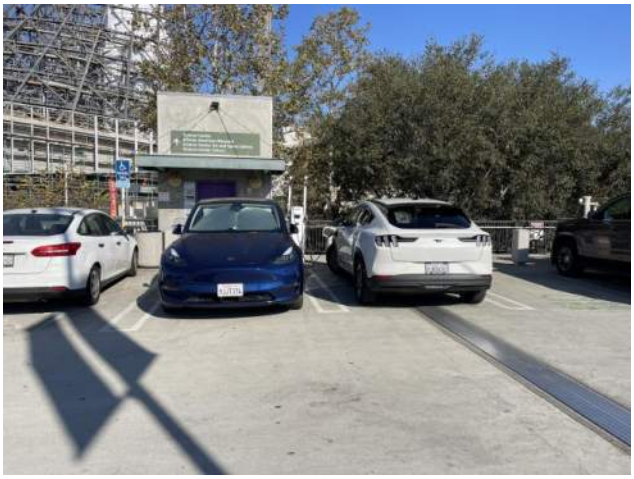
Recommendation:
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Barrier Priority:
Important (2): Should be completed as soon as possible. (Includes; Findings that would remove barriers to the greatest number of people to your goods and services)

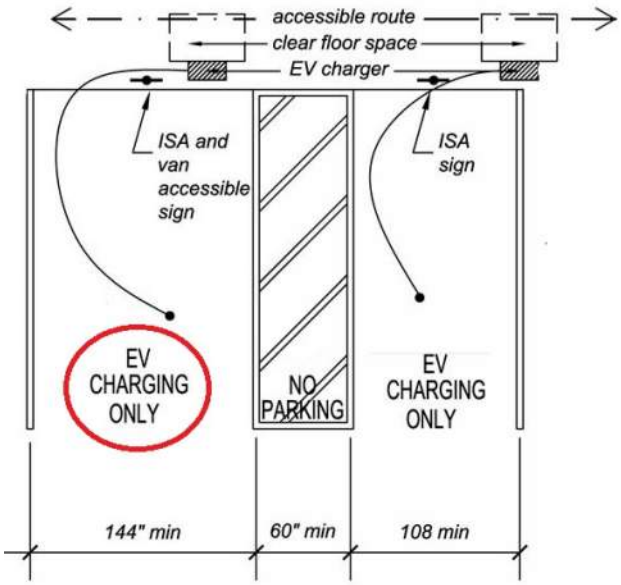
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098116 *(Continued)*



Finding 1098116 Main Photo



Finding: 1098116 Additional Finding Photos



Finding 1098116 Additional Photo



Finding 1098116 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098117 - North EV Parking at Bridge to CAAM

The space is not wide enough.

Vehicle spaces serving van accessible EVCS shall be 144 inches (12 feet) wide minimum.

60 inch (5 feet) access aisle missing and not marked

2022 CBC 11B (7/1/2024) Section 11B-812.6.1
Vehicle spaces serving van accessible EVCS shall be 144 inches (3658 mm) wide minimum and shall have an adjacent access aisle complying with Section 11 B-812. 7.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-812.6.1	**N/A**

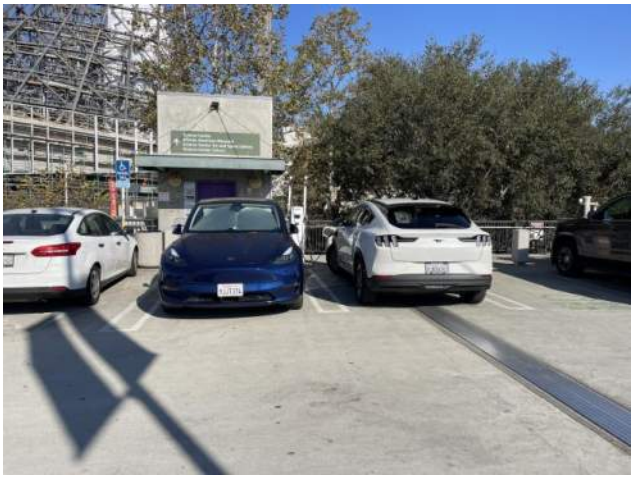
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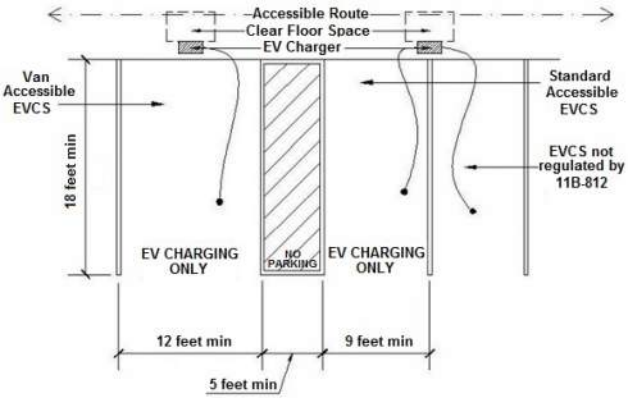
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Notes:
N/A

Finding: 1098117 *(Continued)*



Finding 1098117 Main Photo



Finding: 1098117 Additional Finding Photos



Finding 1098117 Additional Photo



Finding 1098117 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098118 - Accessible Walkway Expansion Joint on North end of Blue Parking Structure

The concrete expansion joint is spaced greater than 1/2 inch.

Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

2022 CBC 11B (7/1/2024) Section 11B-302.3
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (12.7 mm) diameter except as allowed in Sections 11B-407.4.3, 11 B-409.4.3, 11B-410.4, 11B-810.5.3 and 11B-810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-302.3	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098118 *(Continued)*



Finding 1098118 Main Photo

Finding: 1098118 Additional Finding Photos



Finding 1098118 Additional Photo



Finding 1098118 Additional Photo



Finding 1098118 Additional Photo



Finding 1098118 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098119 - North West EV Parking to Science Center

The "EV CHARGING ONLY" stall marking is missing.

EVCS vehicle spaces shall provide surface marking stating “EV CHARGING ONLY” in letters 12 inches high minimum. The centerline of the text shall be a maximum of 6 inches from the centerline of the vehicle space and its lower corner at, or lower side aligned with, the end of the parking space length. In addition the Van Accessible space is not marked. Width of 144 inches (12 feet) and access aisle of 60 inches (5 feet) is missing

2022 CBC 11B (7/1/2024) Section 11B-812.9
EVCS vehicle spaces shall provide surface marking stating "EV CHARGING ONLY" in letters 12 inches (305 mm) high minimum. The centerline of the text shall be a maximum of 6 inches (152 mm) from the centerline of the vehicle space and its lower comer at, or lower side aligned with, the end of the parking space length.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-812.9

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

Important (2): Should be completed as soon as possible. (Includes; Findings that would remove barriers to the greatest number of people to your goods and services)

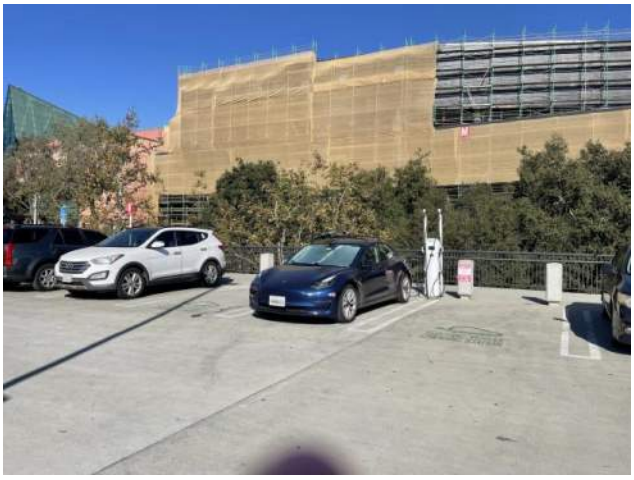
Estimated Remediation Date:

N/A

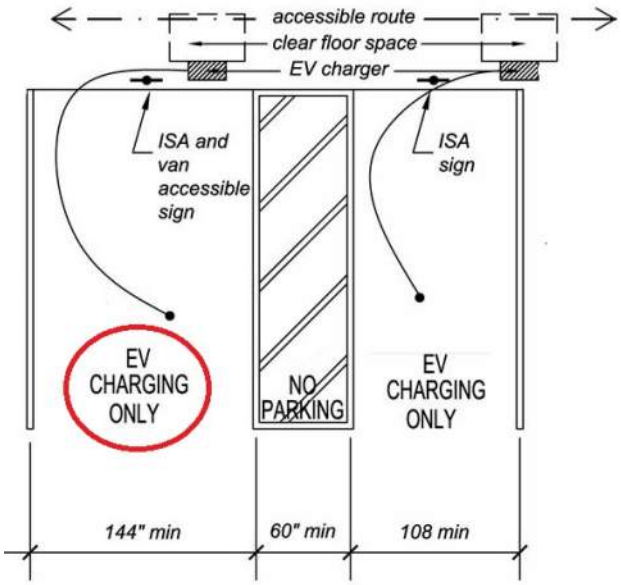
Notes:

N/A

Finding: 1098119 *(Continued)*



Finding 1098119 Main Photo



Finding: 1098119 Additional Finding Photos



Finding 1098119 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098120 - North West Accessible Parking to Science Center

The identified accessible parking space contains several non-compliant features.
The accessible parking stall access aisle must be a minimum of 8 feet wide, (blue painted borderline around the perimeter) and a minimum 18 feet long. Alternatively, the stall can be 12 feet wide and the access aisle may be 5 feet wide. Access aisles serving van accessible parking stalls must be located on the passenger side of the vehicle. The access aisle must contain the words "No Parking" with a minimum of 12 inch letters with hatched lines a maximum of 36 inches on center in a color contrasting with that of the aisle surface, preferably blue or white. The slope in an accessible parking stall and the access aisle must not exceed 2 percent in any direction. Signs stating "Van Accessible" and "Minimum Fine $250.00" are missing or deteriorated. Required signage must be located 60 inches above the finished floor or 80 inches if the sign is in the circulation path. ISA is faded and location needs to be at end of stall

2010 CBC 11B Section 1129B.1
Each lot or parking structure where parking is provided for the public as clients, guests or employees, shall provide accessible parking as required by this section. Accessible parking spaces serving a particular building shall be located on the shortest accessible route of travel (complying with Section 1114B.1.2 (Accessible route of travel)) from adjacent parking to an accessible entrance. In parking facilities that do not serve a particular building, accessible parking shall be located on the shortest accessible route of travel to an accessible pedestrian entrance of the parking facility. In buildings with multiple accessible entrances with adjacent parking, accessible parking spaces shall be dispersed and located closest to the accessible entrances. Table 11B-6 establishes the number of accessible parking spaces required.

2022 CBC 11B (7/1/2024) Section 11B-502.1
Car and van parking spaces shall comply with Section 11B-502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.

Citation:	As Built:
2010 CBC 11B Section: 1129B.1	**N/A**
2022 CBC 11B (7/1/2024) Section: 11B-502.1	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

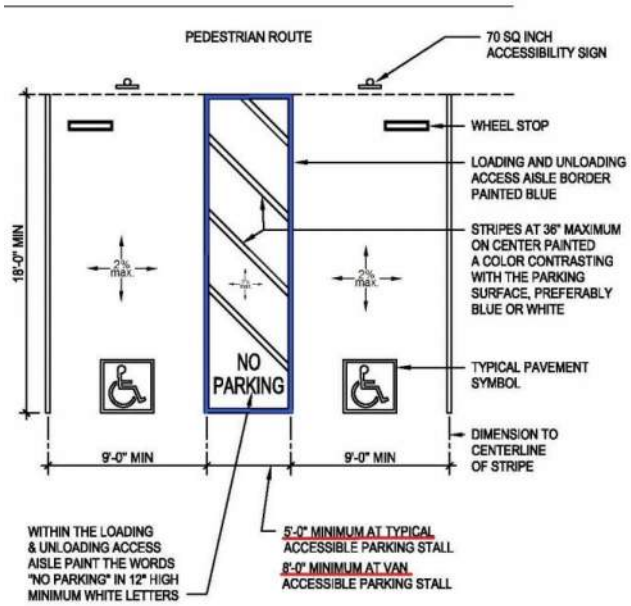
Estimated Remediation Date:
N/A

Notes:

N/A



Finding 1098120 Main Photo



Finding: 1098120 Additional Finding Photos



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo

Finding: 1098120 Additional Finding Photos



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo



Finding 1098120 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098121 - West Accessible Parking At Science Center

The identified accessible parking space contains several non-compliant features.

The accessible parking stall access aisle must be a minimum of 8 feet wide, (blue painted borderline around the perimeter) and a minimum 18 feet long. Alternatively, the stall can be 12 feet wide and the access aisle may be 5 feet wide. Access aisles serving van accessible parking stalls must be located on the passenger side of the vehicle. The access aisle must contain the words "No Parking" with a minimum of 12 inch letters with hatched lines a maximum of 36 inches on center in a color contrasting with that of the aisle surface, preferably blue or white. The slope in an accessible parking stall and the access aisle must not exceed 2 percent in any direction. Signs stating "Van Accessible" and "Minimum Fine $250.00" are missing. Required signage must be located 60 inches above the finished floor or 80 inches if the sign is in the circulation path.

2010 CBC 11B Section 1129B.1
Each lot or parking structure where parking is provided for the public as clients, guests or employees, shall provide accessible parking as required by this section. Accessible parking spaces serving a particular building shall be located on the shortest accessible route of travel (complying with Section 1114B.1.2 (Accessible route of travel)) from adjacent parking to an accessible entrance. In parking facilities that do not serve a particular building, accessible parking shall be located on the shortest accessible route of travel to an accessible pedestrian entrance of the parking facility. In buildings with multiple accessible entrances with adjacent parking, accessible parking spaces shall be dispersed and located closest to the accessible entrances. Table 11B-6 establishes the number of accessible parking spaces required.

2022 CBC 11B (7/1/2024) Section 11B-502.1
Car and van parking spaces shall comply with Section 11B-502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.

Citation:	As Built:
2010 CBC 11B Section: 1129B.1	**N/A**
2022 CBC 11B (7/1/2024) Section: 11B-502.1	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

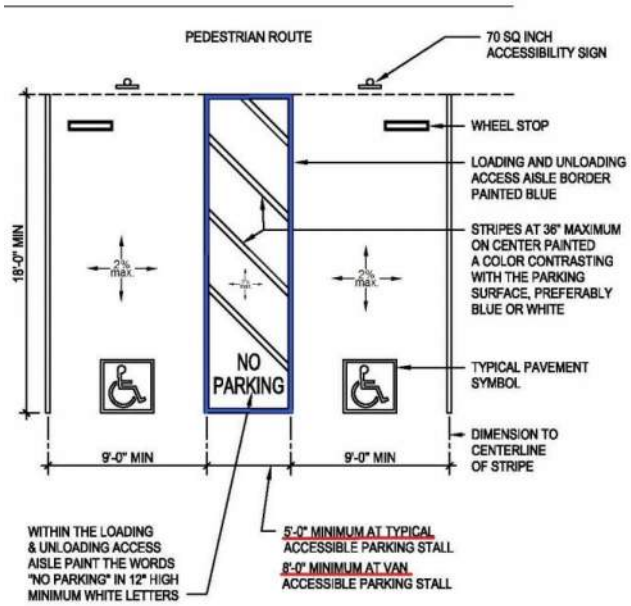
Estimated Remediation Date:
N/A

Notes:

N/A



Finding 1098121 Main Photo



Finding: 1098121 Additional Finding Photos



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



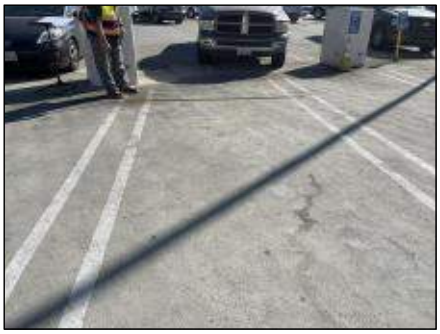
Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo

Finding: 1098121 Additional Finding Photos



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo



Finding 1098121 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098122 - Bridge Expansion Joint at Science Center

The concrete expansion joint is spaced greater than 1/2 inch.

Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

2022 CBC 11B (7/1/2024) Section 11B-302.3
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (12.7 mm) diameter except as allowed in Sections 11B-407.4.3, 11 B-409.4.3, 11B-410.4, 11B-810.5.3 and 11B-810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-302.3	**N/A**

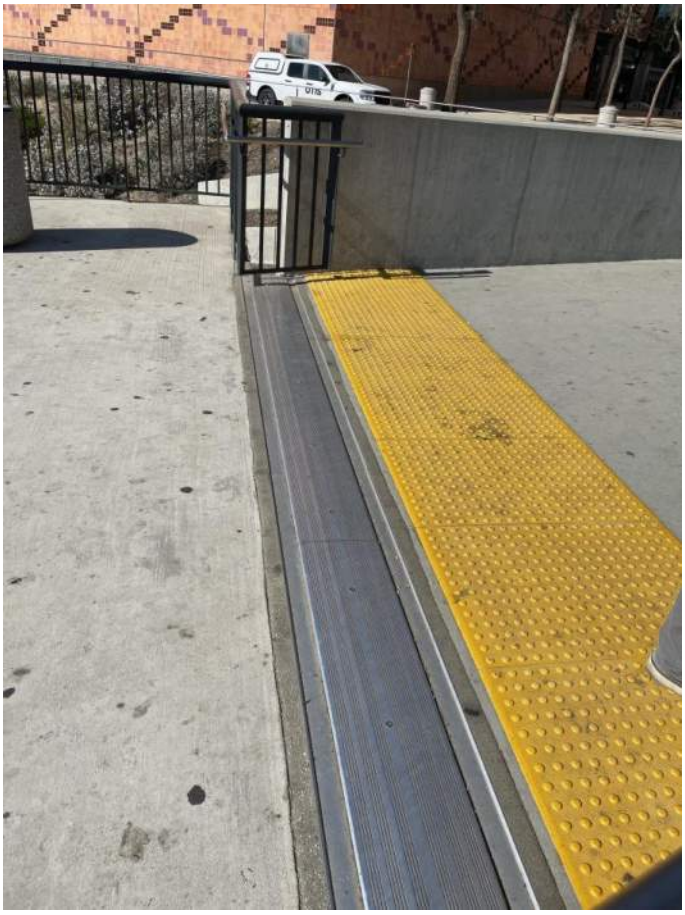
Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098122 *(Continued)*



Finding 1098122 Main Photo

Finding: 1098122 Additional Finding Photos



Finding 1098122 Additional Photo



Finding 1098122 Additional Photo



Finding 1098122 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098877 - Accessible Walkway East of Science Center adjacent to Parking Structure

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-302.3
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (12.7 mm) diameter except as allowed in Sections 11B-407.4.3, 11 B-409.4.3, 11B-410.4, 11B-810.5.3 and 11B-810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

Citation:	As Built:
2022 CBC 11B (7/1/2024) **Section: 11B-302.3**	**Existing Patterned Concrete** **numerous cracks and openings**

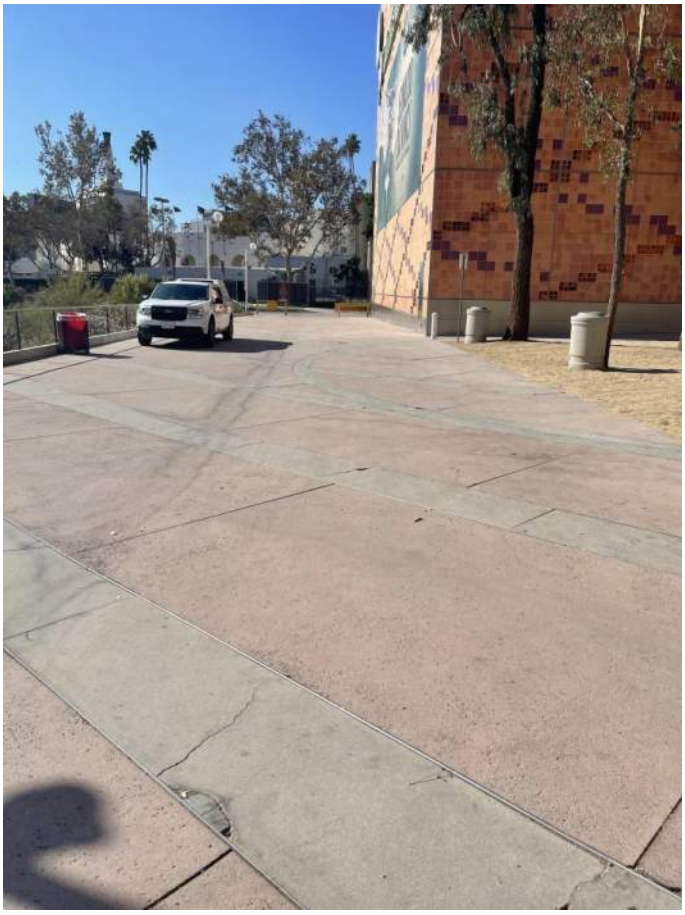
Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098877 *(Continued)*



Finding 1098877 Main Photo

Finding: 1098877 Additional Finding Photos



Finding 1098877 Additional Photo



Finding 1098877 Additional Photo



Finding 1098877 Additional Photo



Finding 1098877 Additional Photo



Finding 1098877 Additional Photo



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Finding: 1098877 Additional Finding Photos



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Finding 1098877 Additional Photo

Finding: 1098877 Additional Finding Photos



Finding 1098877 Additional Photo



Finding 1098877 Additional Photo



Finding 1098877 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098878 - Accessible Walkway North of Blue Parking Structure at Science Center to CAAM

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

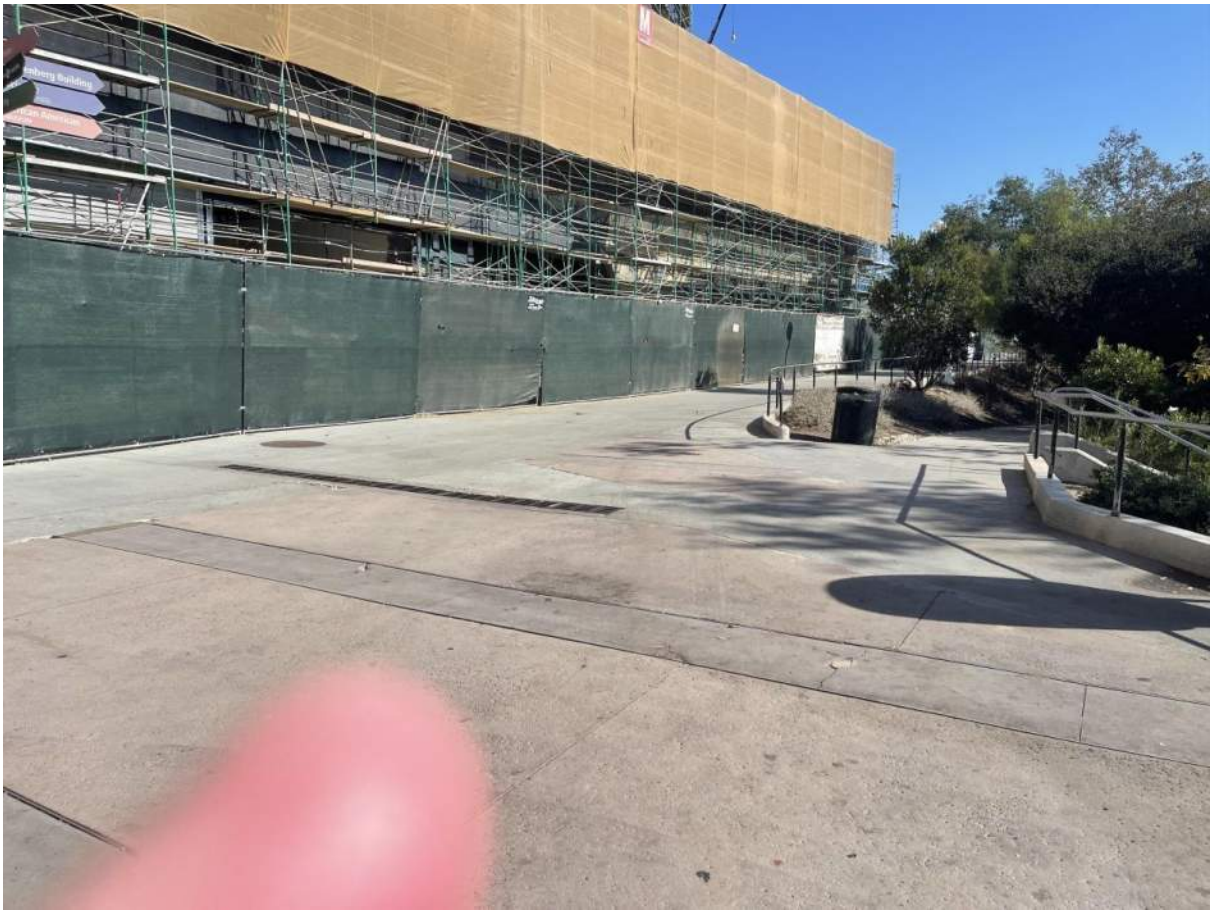
Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098878 *(Continued)*



Finding 1098878 Main Photo

Finding: 1098878 Additional Finding Photos



Finding 1098878 Additional Photo



Finding 1098878 Additional Photo



Finding 1098878 Additional Photo



Finding 1098878 Additional Photo



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Finding 1098878 Additional Photo



Finding 1098878 Additional Photo

Finding: 1098878 Additional Finding Photos



Finding 1098878 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098879 - Accessible Walkway South of CAAM Parking Bridge to Figueroa

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1098879 *(Continued)*



Finding 1098879 Main Photo

Finding: 1098879 Additional Finding Photos



Finding 1098879 Additional Photo



Finding 1098879 Additional Photo



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Finding: 1098879 Additional Finding Photos



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Finding 1098879 Additional Photo



Finding 1098879 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098880 - Pedestrian Accessible Route to Administrative Entrance CAAM South

The Accessible walkway element has been found to be in substantial compliance with accessibility codes, standards, and regulations, however, the condition of the concrete is deteriorated and had numerous cracks and cosmetic issues.

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**N/A**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098880 *(Continued)*



Finding 1098880 Main Photo

Finding: 1098880 Additional Finding Photos



Finding 1098880 Additional Photo



Finding 1098880 Additional Photo



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Finding 1098880 Additional Photo



Finding 1098880 Additional Photo



Finding 1098880 Additional Photo

Finding: 1098880 Additional Finding Photos



Finding 1098880 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098881 - Administrative Entry at CAAM South

The landing at the entrance doors exceeds 2% slope.

Exterior doors with a front approach must have a landing on the pull side that is a minimum of 60 inches in depth perpendicular to the doors in a close position. The entire landing must be free of obstructions and must be flat (2% max. slope is considered flat in any direction).

2010 CBC 11B Section 1133B.2.4.1
Thresholds. The floor or landing shall not be more than 1/2 inch lower than the threshold of the doorway. Change in level between 1/4 inch and 1/2 inch shall be beveled with a slope no greater than one unit vertical in 2 units horizontal (50-percent slope). Change in level greater than 1/2 inch shall be accomplished by means of a ramp. See Section 1133B.5.1 (Ramps, General).

1991 ADAAG Section 4.13.6
Minimum maneuvering clearances at doors that are not automatic or power-assisted shall be as shown in Fig. 25. The floor or ground area within the required clearances shall be level and clear. EXCEPTION: Entry doors to acute care hospital bedrooms for in-patients shall be exempted from the requirement for space at the latch side of the door (see dimension "x" in Fig. 25) if the door is at least 44 in (1120 mm) wide.

2022 CBC 11B (7/1/2024) Section 11B-404.2.4.4 Exceptions: 1
Reserved

Citation:	As Built:
2010 CBC 11B Section: 1133B.2.4.1	**N/A**
1991 ADAAG Section: 4.13.6	
2022 CBC 11B (7/1/2024) Section: 11B-404.2.4.4 Exceptions: 1	

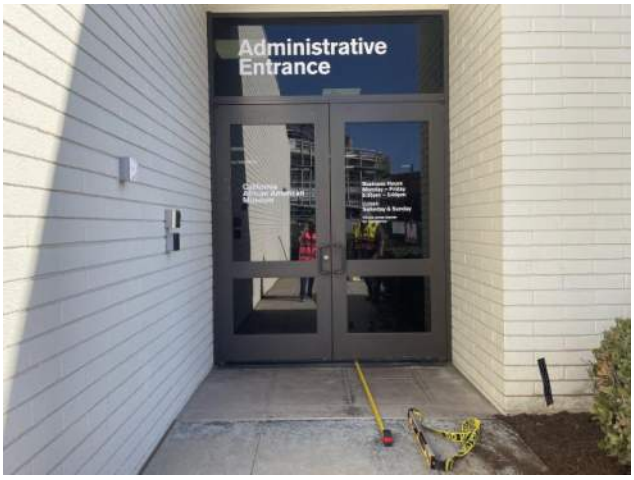
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

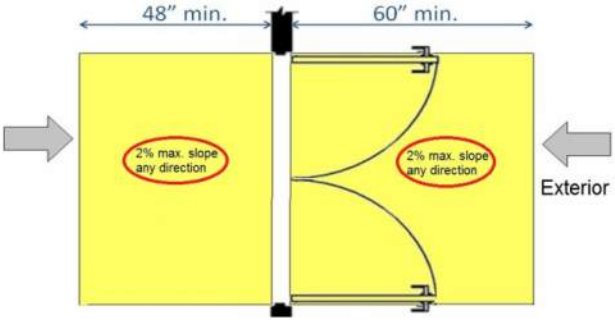
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098881 *(Continued)*



Finding 1098881 Main Photo



Finding: 1098881 Additional Finding Photos



Finding 1098881 Additional Photo



Finding 1098881 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098882 - Accessible Walkway West of CAAM East of Science Center

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down
Slope Exceeds 5% running slope and 2% cross slope at specific location in front of canopy columns

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

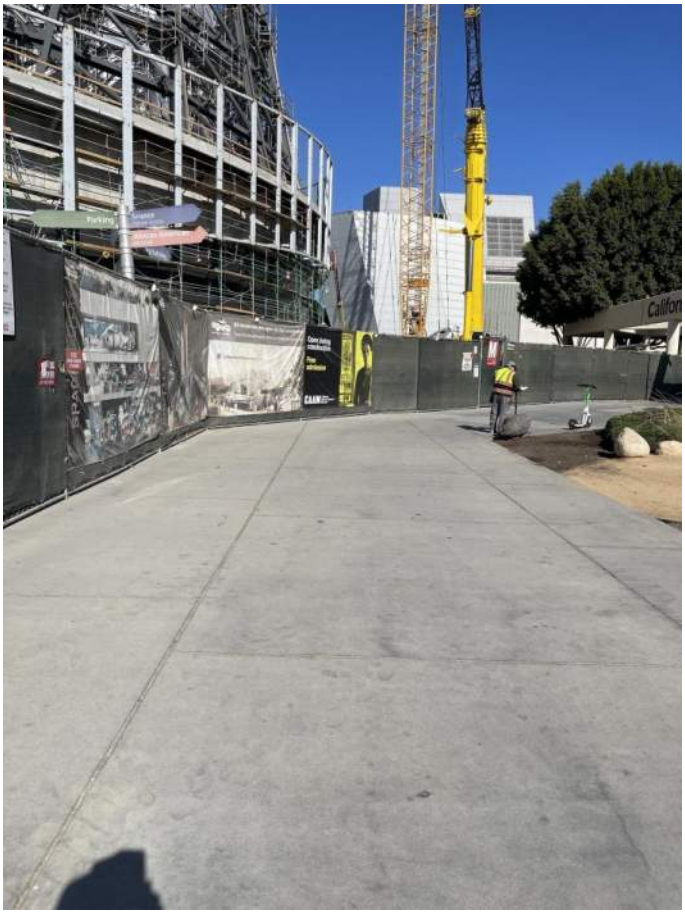
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098882 *(Continued)*



Finding 1098882 Main Photo

Finding: 1098882 Additional Finding Photos



Finding 1098882 Additional Photo



Finding 1098882 Additional Photo



Finding 1098882 Additional Photo



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Finding: 1098882 Additional Finding Photos



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Finding: 1098882 Additional Finding Photos



Finding 1098882 Additional Photo



Finding 1098882 Additional Photo



Finding 1098882 Additional Photo



Finding 1098882 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098883 - Accessible Walkways in front of Main Entrance Doors to CAAM

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings)

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098883 *(Continued)*



Finding 1098883 Main Photo

Finding: 1098883 Additional Finding Photos



Finding 1098883 Additional Photo



Finding 1098883 Additional Photo



Finding 1098883 Additional Photo



Finding 1098883 Additional Photo



Finding 1098883 Additional Photo



Finding 1098883 Additional Photo



Finding 1098883 Additional Photo



Finding 1098883 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098884 - Accessible Stairs at CAAM North West to State Street

The stairway is not nearly compliant.

The tread surface contains slopes changes in level >1/4" and openings on the pavement > 1/2"
The stairway is missing contrasting stripes that are not on the required treads.
The stairway does not have compliant handrails on both sides of the stairway. (Bottom landing < 1 Tread + 12" extension)
The stairway tread and/or landing accumulates water.

2022 CBC 11B (7/1/2024) Section 11B-504.1
Stairs shall comply with Section 11B-504.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-504.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

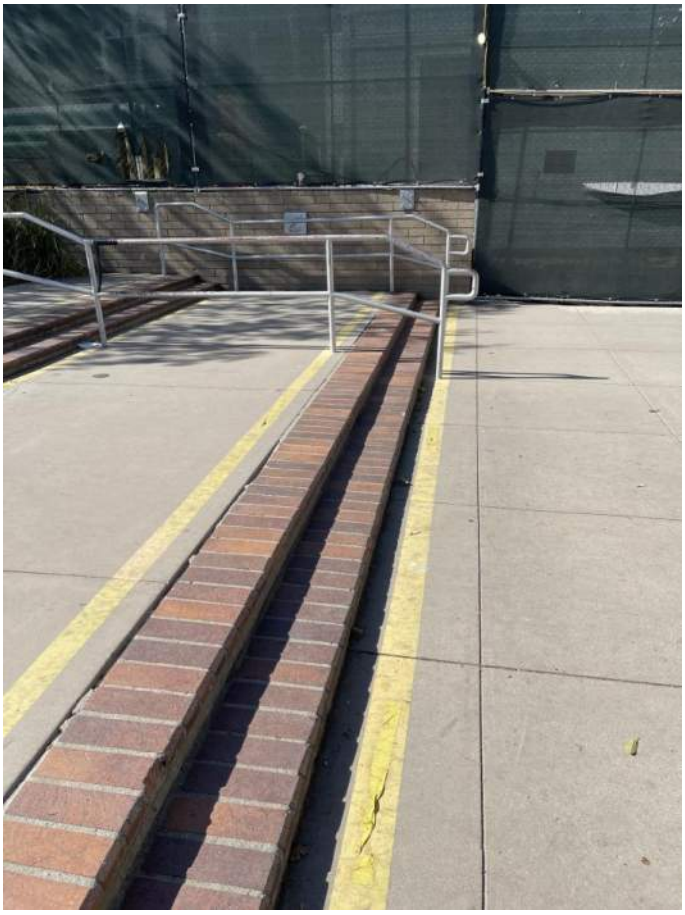
Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1098884 *(Continued)*



Finding 1098884 Main Photo

Finding: 1098884 Additional Finding Photos



Finding 1098884 Additional Photo



Finding 1098884 Additional Photo



Finding 1098884 Additional Photo



Finding 1098884 Additional Photo



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Finding: 1098884 Additional Finding Photos



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Finding 1098884 Additional Photo

Finding: 1098884 Additional Finding Photos



Finding 1098884 Additional Photo



Finding 1098884 Additional Photo



Finding 1098884 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098885 - Accessible Route North CAAM at State Street

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

Access to public right of way missing section of concrete and Gate is inaccessible

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098885 *(Continued)*



Finding 1098885 Main Photo

Finding: 1098885 Additional Finding Photos



Finding 1098885 Additional Photo



Finding 1098885 Additional Photo



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Finding: 1098885 Additional Finding Photos



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Finding: 1098885 Additional Finding Photos



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Finding 1098885 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098886 - Curb Ramp at North Accessible Route to State Street

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

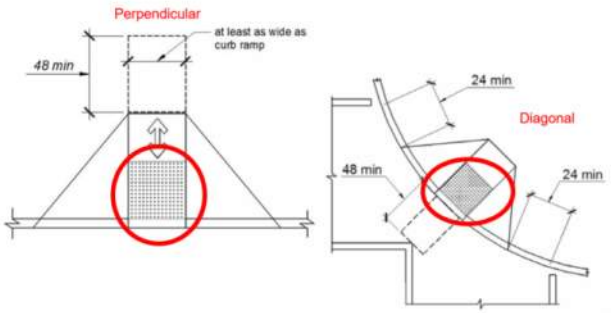
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1098886 Main Photo

Finding: 1098886 Additional Finding Photos



Finding 1098886 Additional Photo



Finding 1098886 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098887 - Accessible Gravel/ DG Path East of CAAM

The accessible route contains loose gravel and/or surface materials that do not provide for a stable, firm slip resistant surface.

Floor and ground surfaces shall be stable, firm, and slip resistant.

2010 CBC 11B Section 1124B.1
Ground and floor surfaces along accessible routes and in accessible rooms and spaces, including floors, walks, ramps, stairs and curb ramps, shall be stable, firm, slip resistant and shall comply with this section.

1991 ADAAG Section 4.5.1
General. Ground and floor surfaces along
accessible routes and in accessible rooms and spaces including floors, walks, ramps, stairs, and curb ramps, shall be stable, firm, slip- resistant, and shall comply with 4.5.

2022 CBC 11B (7/1/2024) Section 11B-302.1
Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with Section 11B-302.

Citation:	As Built:
2010 CBC 11B Section: 1124B.1	**N/A**
1991 ADAAG Section: 4.5.1	
2022 CBC 11B (7/1/2024) Section: 11B-302.1	

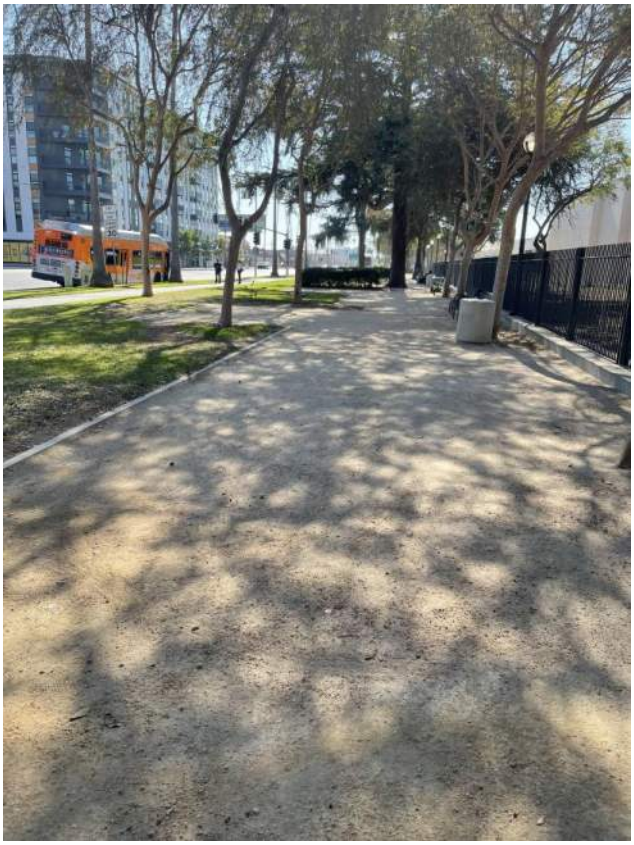
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

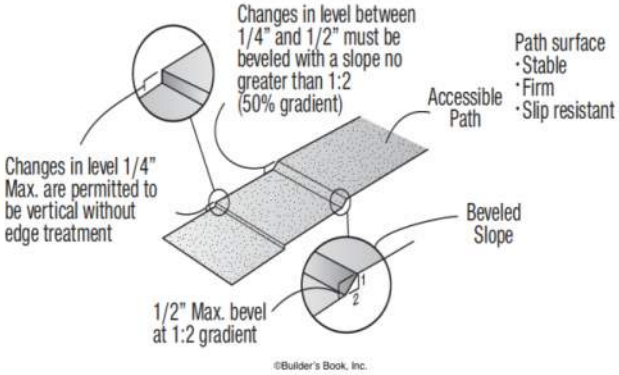
Estimated Remediation Date:
N/A

Notes:
N/A

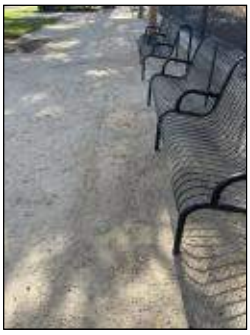
Finding: 1098887 *(Continued)*



Finding 1098887 Main Photo



Finding: 1098887 Additional Finding Photos



Finding 1098887 Additional Photo



Finding 1098887 Additional Photo



Finding 1098887 Additional Photo



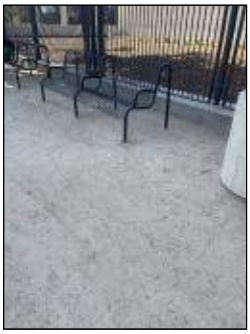
Finding 1098887 Additional Photo



Finding 1098887 Additional Photo



Finding 1098887 Additional Photo



Finding 1098887 Additional Photo



Finding 1098887 Additional Photo

Finding: 1098887 Additional Finding Photos



Finding 1098887 Additional Photo



Finding 1098887 Additional Photo



Finding 1098887 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098888 - Curb Ramp South Science Center Accessible Path

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

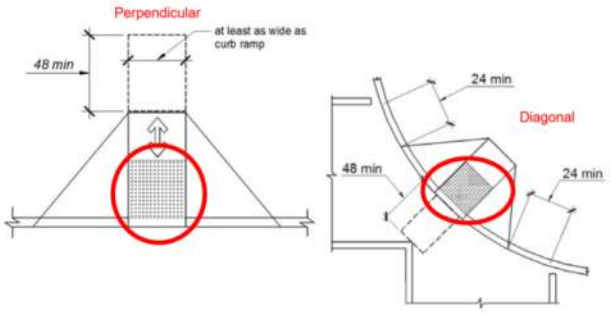
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1098888 Main Photo

Finding: 1098888 Additional Finding Photos



Finding 1098888 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098892 - Accessible walkway from Science Center Bridge to Science Center Main Entry plaza

The Accessible walkway element has been found to be in substantial compliance with accessibility codes, standards, and regulations, however, the condition of the concrete is deteriorated and had numerous cracks and cosmetic issues.

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**N/A**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

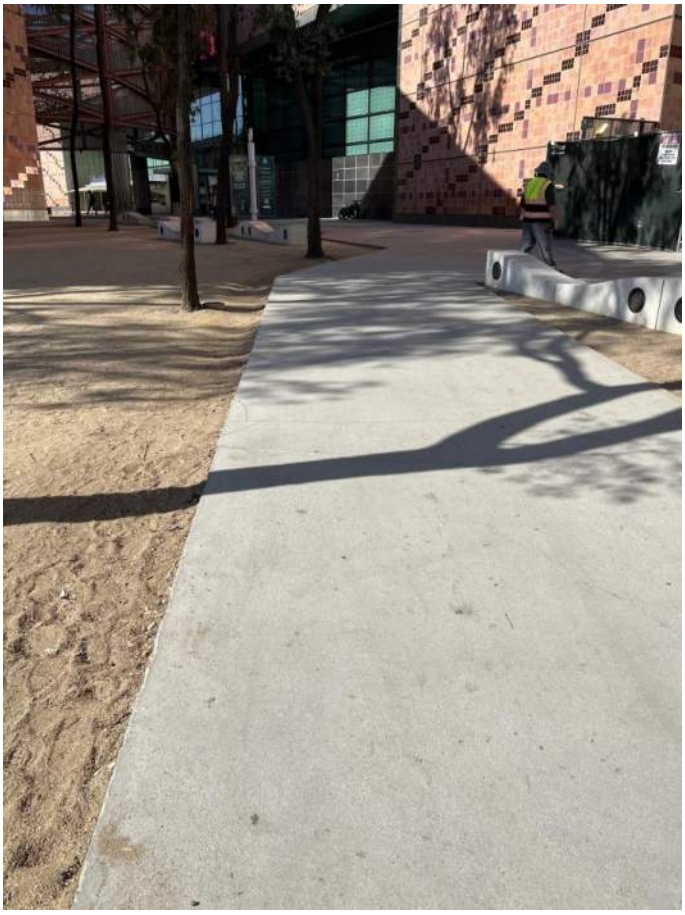
Recommendation:
N/A

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098892 *(Continued)*



Finding 1098892 Main Photo

Finding: 1098892 Additional Finding Photos



Finding 1098892 Additional Photo



Finding 1098892 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098894 - Accessible Walkway at Science Center South Along Stairs and Main Plaza

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

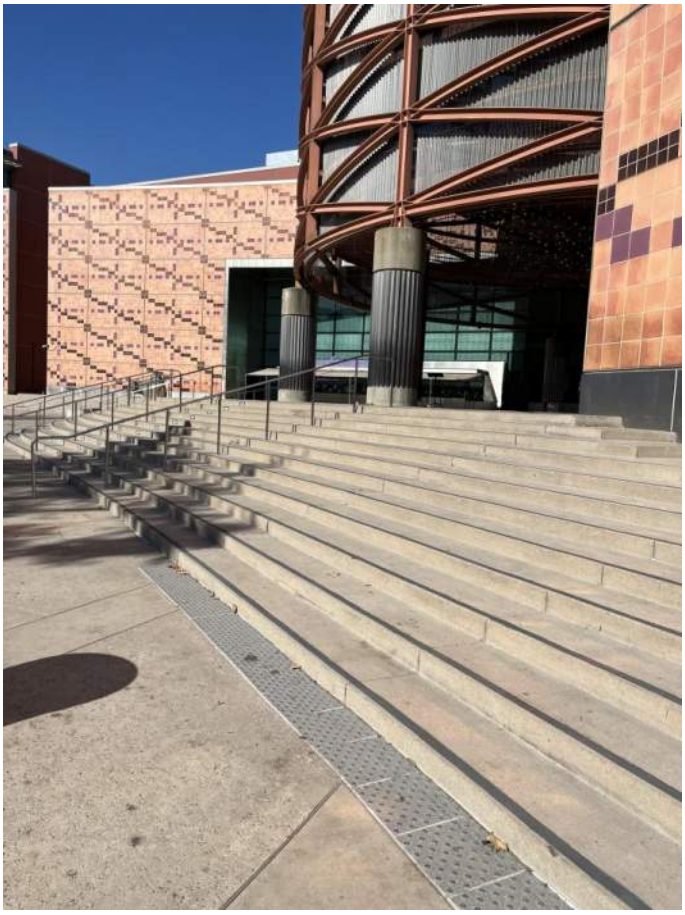
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098894 *(Continued)*



Finding 1098894 Main Photo

Finding: 1098894 Additional Finding Photos



Finding 1098894 Additional Photo



Finding 1098894 Additional Photo



Finding 1098894 Additional Photo



Finding 1098894 Additional Photo



Finding 1098894 Additional Photo



Finding 1098894 Additional Photo



Finding 1098894 Additional Photo



Finding 1098894 Additional Photo

Finding: 1098894 Additional Finding Photos



Finding 1098894 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098899 - Accessible Walkway and Driveway at Science Center Maintenance Bays

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098899 *(Continued)*



Finding 1098899 Main Photo

Finding: 1098899 Additional Finding Photos



Finding 1098899 Additional Photo



Finding 1098899 Additional Photo



Finding 1098899 Additional Photo



Finding 1098899 Additional Photo



Finding 1098899 Additional Photo



Finding 1098899 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098901 - Loading Space South Science Center adjacent to Walkway

The access aisle is not marked with a painted borderline around the perimeter.

Access aisles shall be marked with a painted borderline around their perimeter. The area within the borderlines shall be marked with hatched lines a maximum of 36 inches on center in a color contrasting with that of the aisle surface.

2022 CBC 11B (7/1/2024) Section 11B-503.3.3
Access aisles shall be marked with a painted borderline around their perimeter. The area within the borderlines shall be marked with hatched lines a maximum of 36 inches (914 mm) on center in a color contrasting with that of the aisle surface.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-503.3.3

As Built:

Paint deteriorated

Recommendation:

N/A - Refer to Finding

Barrier Priority:

High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

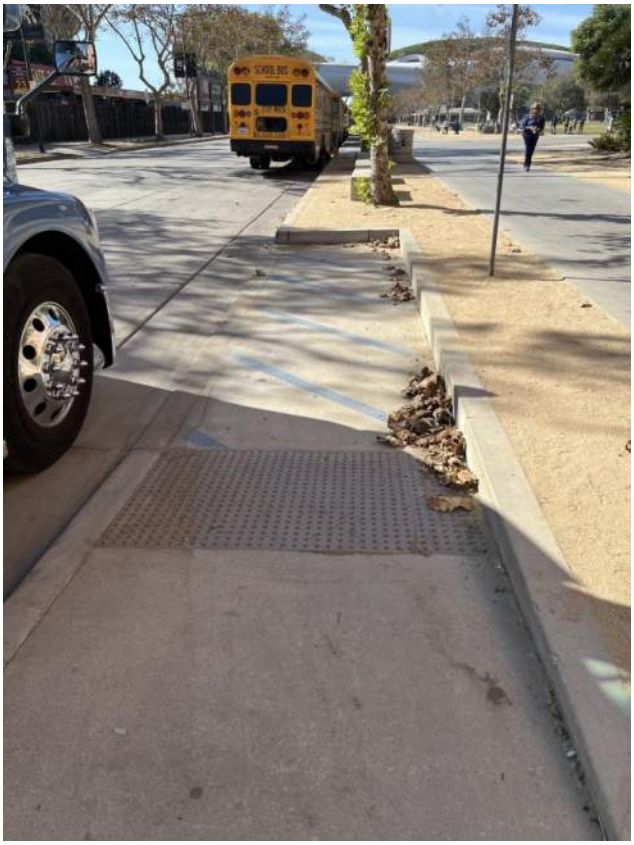
Estimated Remediation Date:

N/A

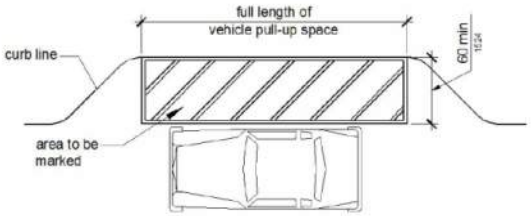
Notes:

N/A

Finding: 1098901 *(Continued)*



Finding 1098901 Main Photo



Finding: 1098901 Additional Finding Photos



Finding 1098901 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098903 - Accessible Walkway Science Center South West connecting to West Walkway

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098903 *(Continued)*



Finding 1098903 Main Photo

Finding: 1098903 Additional Finding Photos



Finding 1098903 Additional Photo



Finding 1098903 Additional Photo



Finding 1098903 Additional Photo



Finding 1098903 Additional Photo



Finding 1098903 Additional Photo



Finding 1098903 Additional Photo



Finding 1098903 Additional Photo



Finding 1098903 Additional Photo

Finding: 1098903 Additional Finding Photos



Finding 1098903 Additional Photo



Finding 1098903 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098904 - Curb Ramp at Science Center South West Walkway Near West Walkway

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) were provided, shall not be steeper than 1:10. (10%)

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

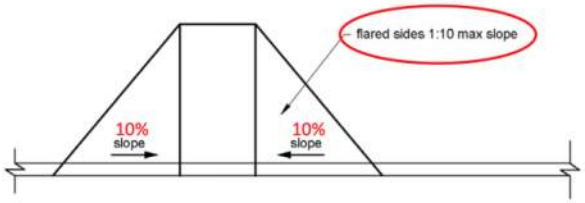
Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098904 *(Continued)*





Finding 1098904 Main Photo

Finding: 1098904 Additional Finding Photos



Finding 1098904 Additional Photo



Finding 1098904 Additional Photo



Finding 1098904 Additional Photo



Finding 1098904 Additional Photo



Finding 1098904 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098906 - Curb Ramp at Science Center South West Walkway Near West Walkway

The detectable warning is not the correct color.

Detectable warning surfaces shall be yellow and approximate FS 33538 of SAE AMS-STD-595A.

2022 CBC 11B (7/1/2024) Section 11B-705.1.1.3.1
Detectable warning surfaces shall be yellow and approximate FS 33538 of SAE AMS-STD-595A.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-705.1.1.3.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A



Finding 1098906 Main Photo

Finding: 1098906 Additional Finding Photos



Finding 1098906 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098907 - Accessible Route West Walkway West of Science Center

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1098907 *(Continued)*



Finding 1098907 Main Photo

Finding: 1098907 Additional Finding Photos



Finding 1098907 Additional Photo



Finding 1098907 Additional Photo



Finding 1098907 Additional Photo



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Finding: 1098907 Additional Finding Photos



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Finding: 1098907 Additional Finding Photos



Finding 1098907 Additional Photo



Finding 1098907 Additional Photo



Finding 1098907 Additional Photo



Finding 1098907 Additional Photo



Finding 1098907 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098908 - Curb Ramp at Science Center North West

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) were provided, shall not be steeper than 1:10. (10%)

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

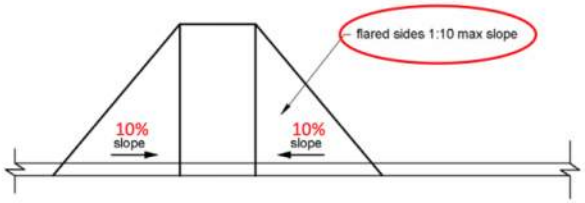
Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098908 *(Continued)*





Finding 1098908 Main Photo

Finding: 1098908 Additional Finding Photos



Finding 1098908 Additional Photo



Finding 1098908 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098909 - Curb Ramp at Science Center North West

The detectable warning is not the correct color.

Detectable warning surfaces shall be yellow and approximate FS 33538 of SAE AMS-STD-595A.

2022 CBC 11B (7/1/2024) Section 11B-705.1.1.3.1
Detectable warning surfaces shall be yellow and approximate FS 33538 of SAE AMS-STD-595A.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-705.1.1.3.1

As Built:

N/A

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A



Finding 1098909 Main Photo

Finding: 1098909 Additional Finding Photos



Finding 1098909 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098910 - Curb Ramp North Science Center

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

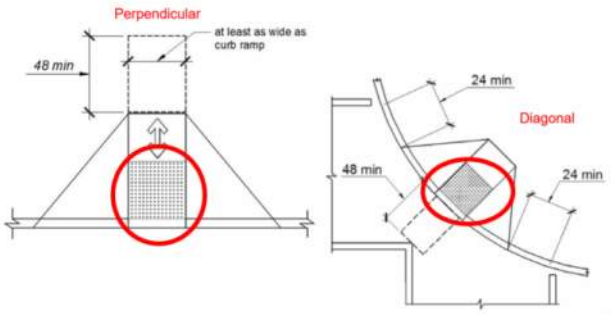
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1098910 Main Photo

Finding: 1098910 Additional Finding Photos



Finding 1098910 Additional Photo



Finding 1098910 Additional Photo



Finding 1098910 Additional Photo



Finding 1098910 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098913 - Curb Ramp North Science Center

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

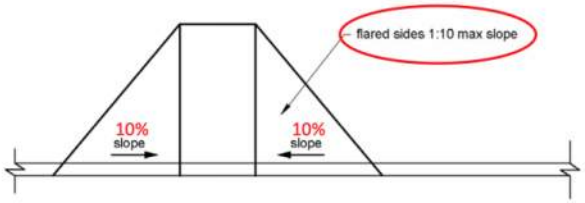
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098913 *(Continued)*



Finding 1098913 Main Photo



Finding: 1098913 Additional Finding Photos



Finding 1098913 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098915 - Curb Ramp at Science Center North Main Entry

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

In addition vertical obstruction >1/4" and wider than 1/2" present at top of ramp landing

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

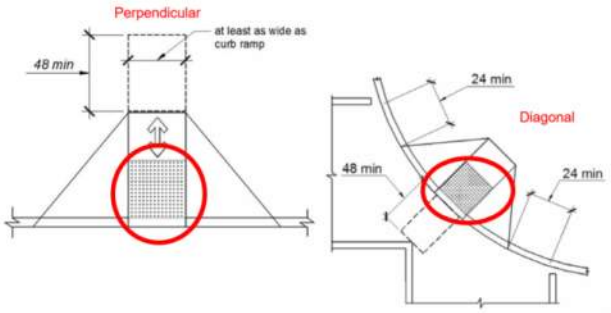
Barrier Priority:

N/A

Estimated Remediation Date:
N/A

Notes:
N/A





Finding 1098915 Main Photo

Finding: 1098915 Additional Finding Photos



Finding 1098915 Additional Photo



Finding 1098915 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098916 - Curb Ramp at Science Center North Main Entry

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

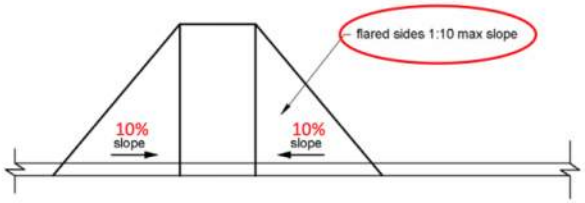
Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098916 *(Continued)*





Finding 1098916 Main Photo

Finding: 1098916 Additional Finding Photos



Finding 1098916 Additional Photo



Finding 1098916 Additional Photo



Finding 1098916 Additional Photo



Finding 1098916 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098917 - Accessible Walkway /Ramp at Science Center North Main Entry

The accessible route of travel exceeds 5% running slope and therefore must be considered a ramp.

Where the slope is greater than one unit vertical in 20 units horizontal (5-percent slope), ramps shall be used.

2010 CBC 11B Section 1133B.5.1
Ramps shall conform to the provisions of this section. Any accessible route of travel shall be considered a ramp if its slope is greater than one unit vertical in 20 units horizontal (5-percent slope).

1991 ADAAG Section 4.8.1
General. Any part of an accessible route with a slope greater than 1:20 shall be considered a ramp and shall comply with 4.8.

2022 CBC 11B (7/1/2024) Section 11B-403.3
The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.1	**N/A**
1991 ADAAG Section: 4.8.1	
2022 CBC 11B (7/1/2024) Section: 11B-403.3	

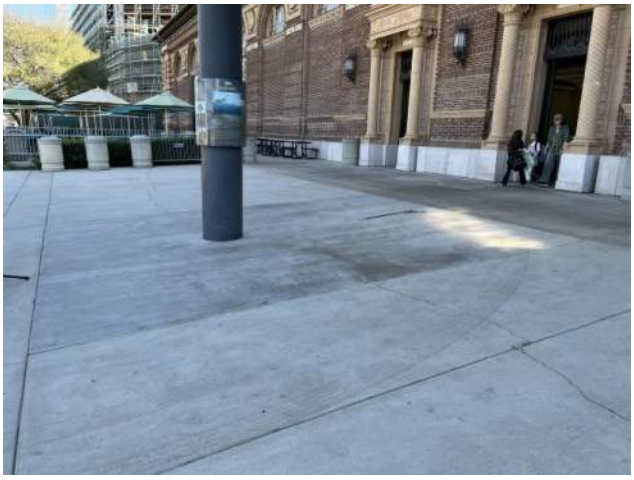
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

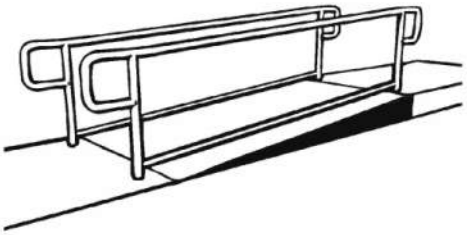
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098917 *(Continued)*



Finding 1098917 Main Photo



Finding: 1098917 Additional Finding Photos



Finding 1098917 Additional Photo



Finding 1098917 Additional Photo



Finding 1098917 Additional Photo



Finding 1098917 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098918 - Accessible Route Exterior Dining North Science Center Main Entry

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

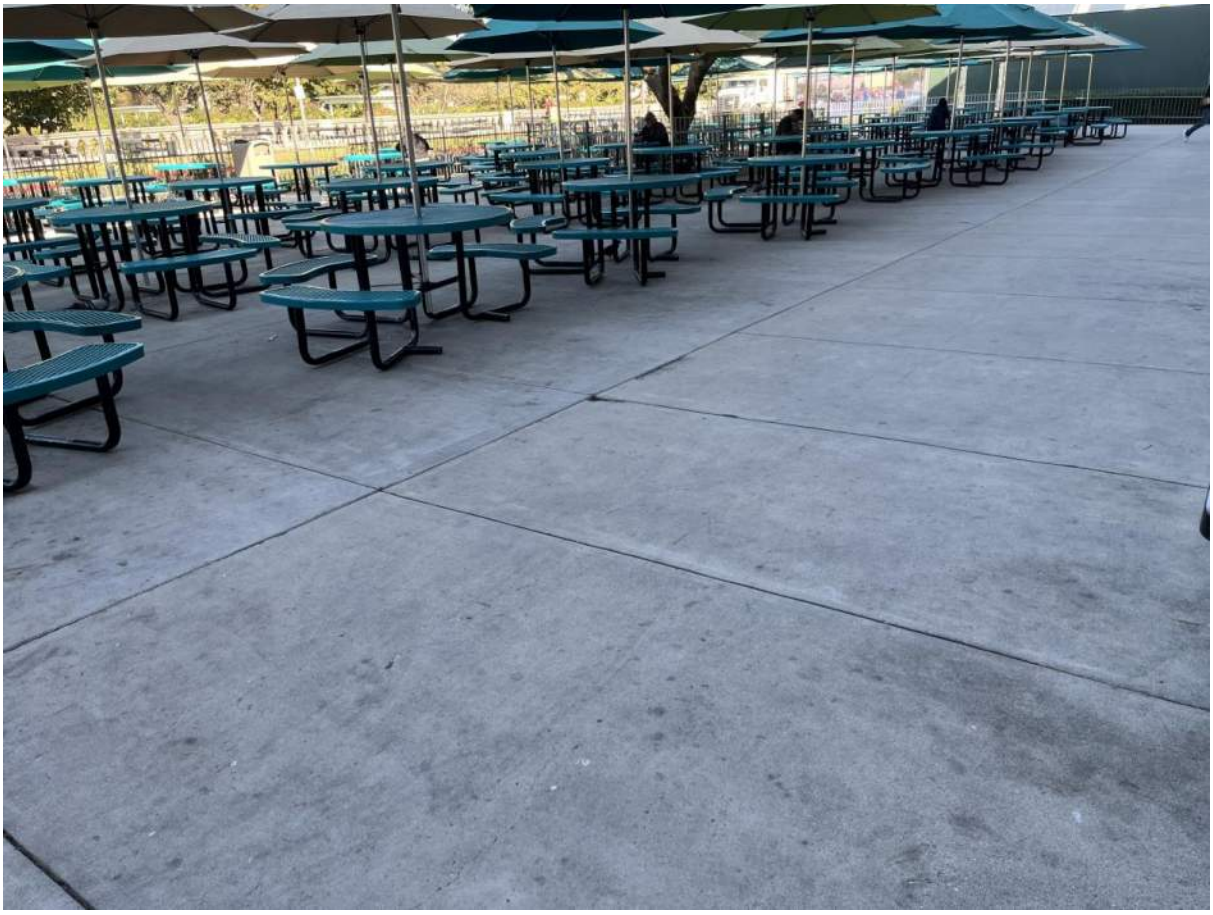
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098918 *(Continued)*



Finding 1098918 Main Photo

Finding: 1098918 Additional Finding Photos



Finding 1098918 Additional Photo



Finding 1098918 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098919 - Curb Ramp Rose Garden Main Entry South

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

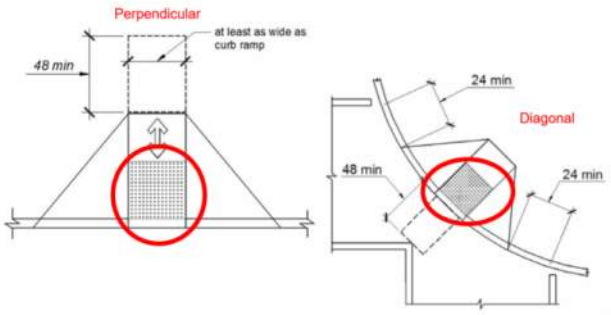
Estimated Remediation Date:

N/A

Notes:

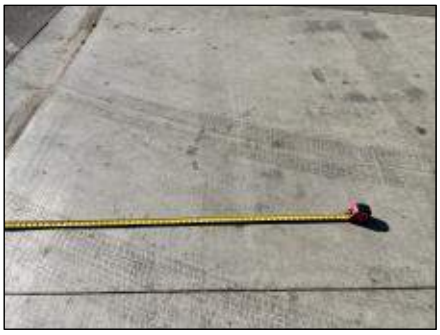
N/A





Finding 1098919 Main Photo

Finding: 1098919 Additional Finding Photos



Finding 1098919 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098931 - Accessible Route Rose Garden South intersection of Main Walkway and South Walkway

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098931 *(Continued)*



Finding 1098931 Main Photo

Finding: 1098931 Additional Finding Photos



Finding 1098931 Additional Photo



Finding 1098931 Additional Photo



Finding 1098931 Additional Photo



Finding 1098931 Additional Photo



Finding 1098931 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098933 - Ramp Rose Garden South Entry

The ramps exceeds the maximum running slope (direction of travel) allowable of 8.33%.

Ramps should have the least possible slope but in no case more than 8.3% (1:12).

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.8.2
The least possible slope shall be used for any ramp. The maximum slope of a ramp in new construction shall be 1:12. The maximum rise for any run shall be 30 in (760 mm) (see Fig. 16). Curb ramps and ramps to be constructed on existing sites or in existing buildings or facilities may have slopes and rises as allowed in 4.1.6(3)(a) if space limitations prohibit the use of a 1:12 slope or less.

2022 CBC 11B (7/1/2024) Section 11B-405.2
Ramp runs shall have a running slope not steeper than 1:12.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.8.2	
2022 CBC 11B (7/1/2024) Section: 11B-405.2	

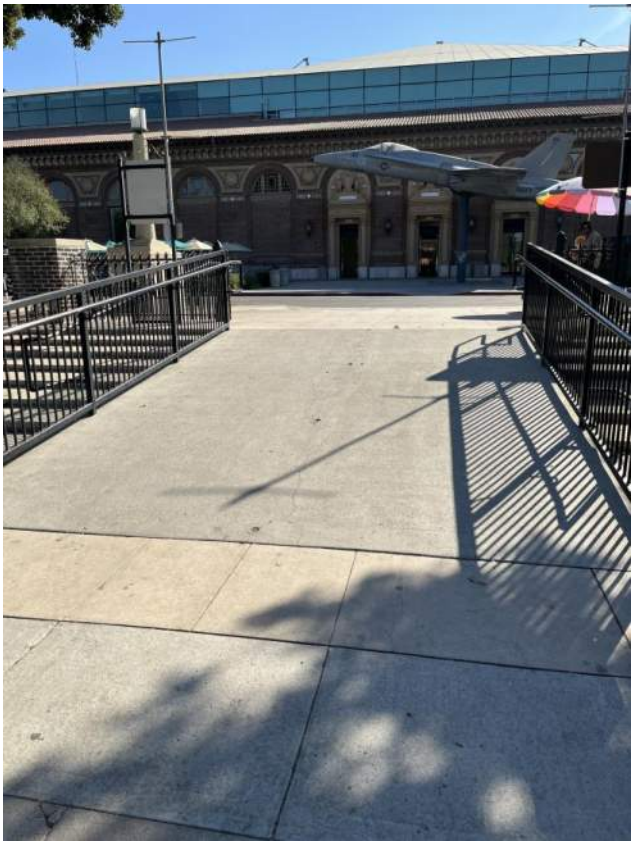
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

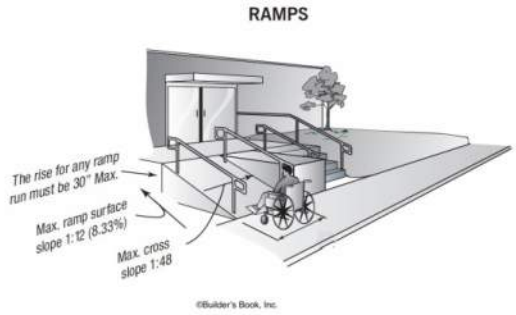
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098933 *(Continued)*



Finding 1098933 Main Photo



Finding: 1098933 Additional Finding Photos



Finding 1098933 Additional Photo



Finding 1098933 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098947 - Stairs at Rose Garden South Entry

The stairway is not nearly compliant.

The stairway treads and risers are stable and have many spalls and loose surfaces
The tread surface contains changes in level.
The stairway is missing contrasting stripes that are not on the required treads.
The stairway does not have compliant handrails on both sides of the stairway.
The stairway tread and/or landing accumulates water.

2022 CBC 11B (7/1/2024) Section 11B-504.1
Stairs shall comply with Section 11B-504.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-504.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

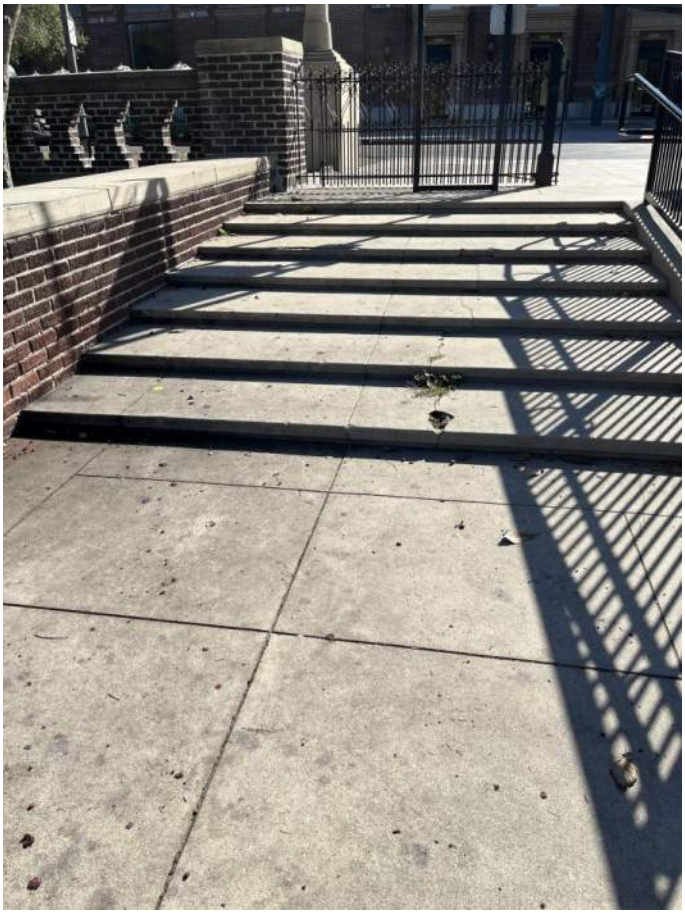
Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1098947 *(Continued)*



Finding 1098947 Main Photo

Finding: 1098947 Additional Finding Photos



Finding 1098947 Additional Photo



Finding 1098947 Additional Photo



Finding 1098947 Additional Photo



Finding 1098947 Additional Photo



Finding 1098947 Additional Photo



Finding 1098947 Additional Photo



Finding 1098947 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1098958 - Main Accessible Path Rose Garden North South Walkway

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down
Slope Exceeds 5% running slope and 2% cross slope at specific location in front of canopy columns

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

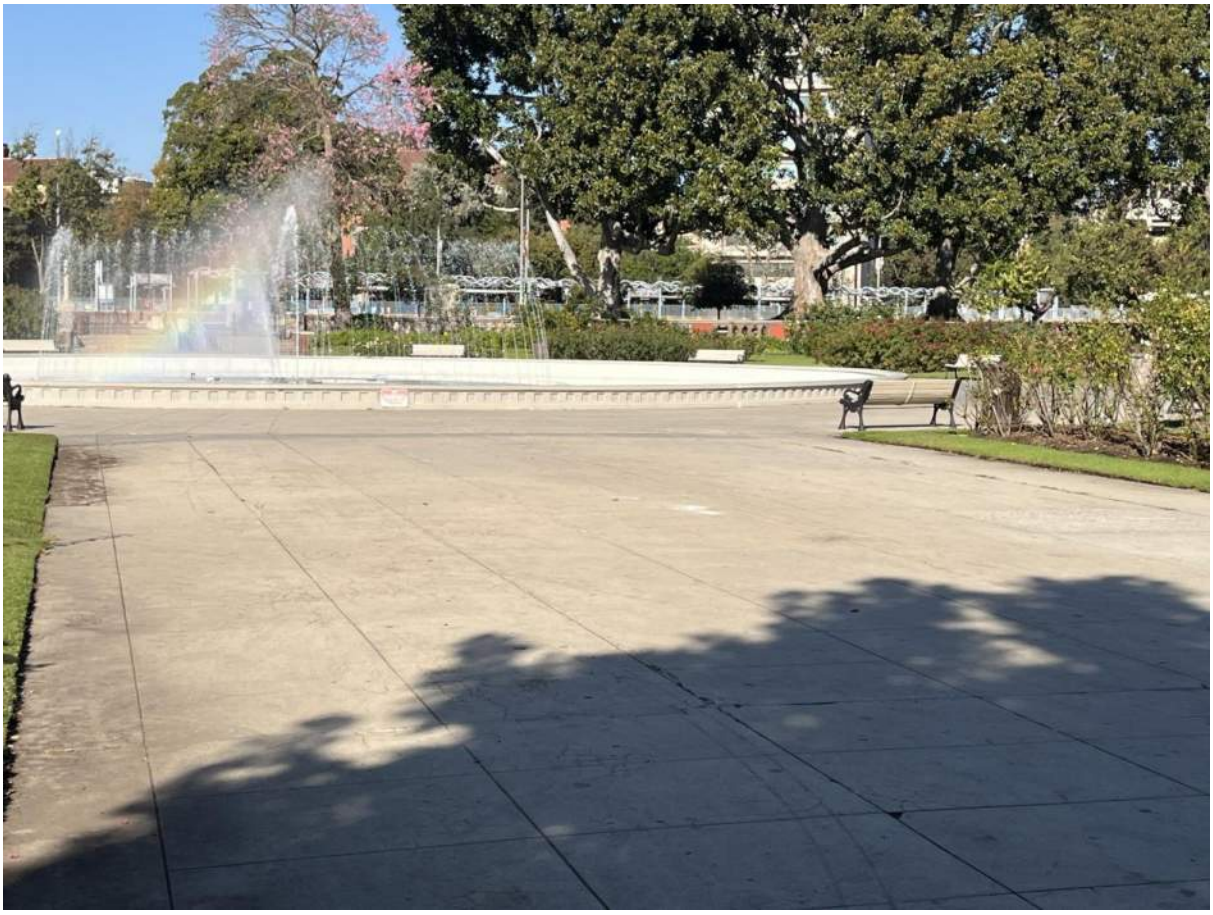
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1098958 *(Continued)*



Finding 1098958 Main Photo

Finding: 1098958 Additional Finding Photos



Finding 1098958 Additional Photo



Finding 1098958 Additional Photo



Finding 1098958 Additional Photo



Finding 1098958 Additional Photo



Finding 1098958 Additional Photo



Finding 1098958 Additional Photo



Finding 1098958 Additional Photo



Finding 1098958 Additional Photo

Finding: 1098958 Additional Finding Photos



Finding 1098958 Additional Photo



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Finding: 1098958 Additional Finding Photos



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Finding: 1098958 Additional Finding Photos



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Finding 1098958 Additional Photo

Finding: 1098958 Additional Finding Photos



Finding 1098958 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1099993 - Stairs at Rose Garden North Entry

The stairway is not nearly compliant.

The stairway treads and risers are stable and have many spalls and loose surfaces
The tread surface contains changes in level.
The stairway is missing contrasting stripes that are not on the required treads.
The stairway does not have compliant handrails on both sides of the stairway.
The stairway tread and/or landing accumulates water.

2022 CBC 11B (7/1/2024) Section 11B-504.1
Stairs shall comply with Section 11B-504.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-504.1	**N/A**

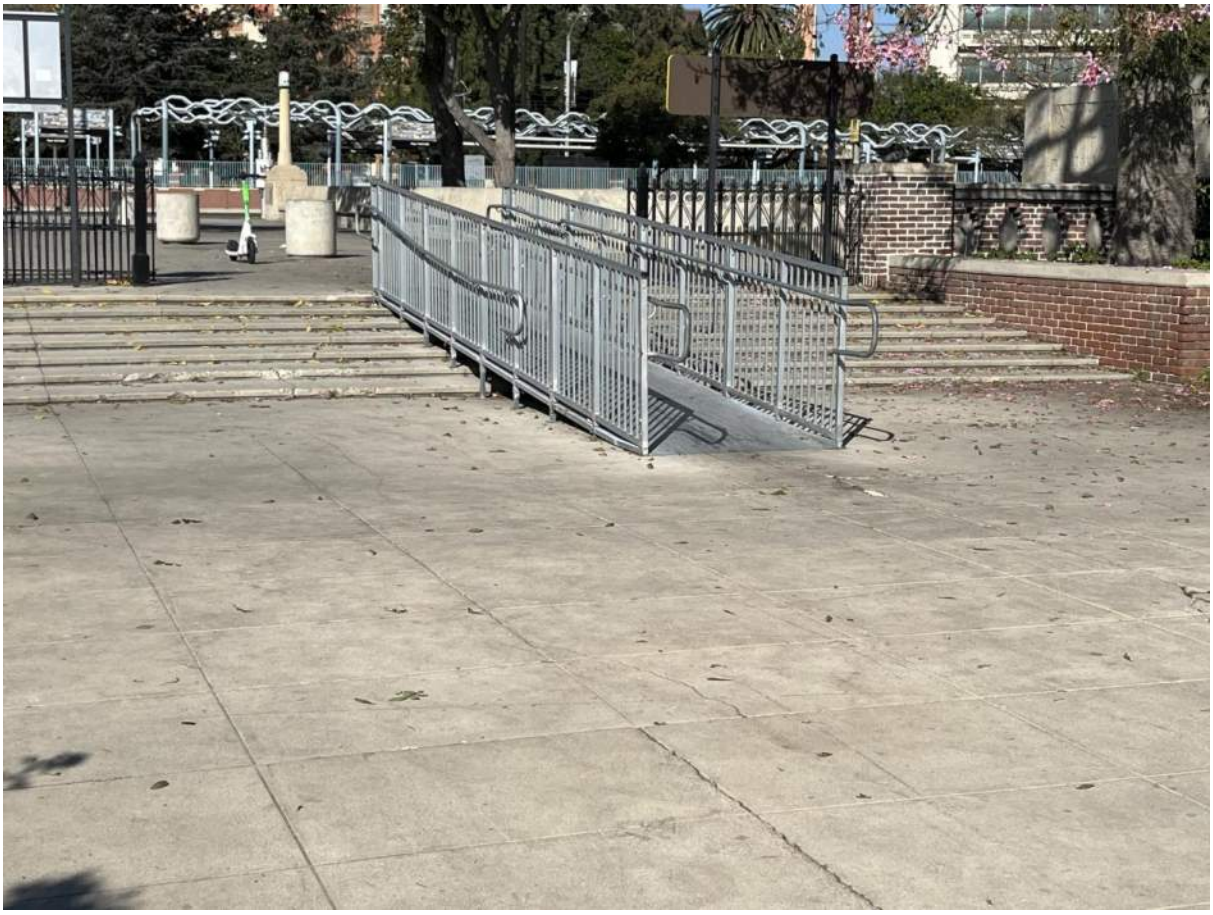
Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1099993 *(Continued)*



Finding 1099993 Main Photo

Finding: 1099993 Additional Finding Photos



Finding 1099993 Additional Photo



Finding 1099993 Additional Photo



Finding 1099993 Additional Photo



Finding 1099993 Additional Photo



Finding 1099993 Additional Photo



Finding 1099993 Additional Photo



Finding 1099993 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1099999 - Ramp Rose Garden North Entry

The ramps contains multiple issues.
The ramp does not have compliant level landings.
The ramp is not the required minimum width.

Deteriorated and Temporary Ramp

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.8.1
General. Any part of an accessible route with a slope greater than 1:20 shall be considered a ramp and shall comply with 4.8.

2022 CBC 11B (7/1/2024) Section 11B-405.1
Ramps on accessible routes shall comply with Section 11B-405.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.8.1	
2022 CBC 11B (7/1/2024) Section: 11B-405.1	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
High (1): Should be completed immediately. (Includes; Findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

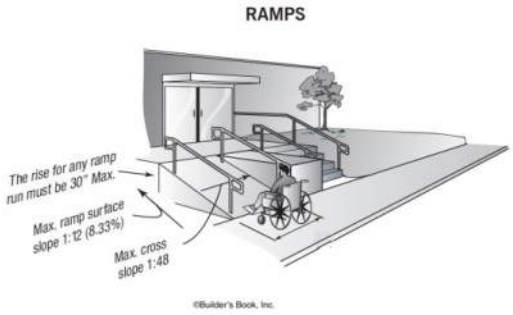
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1099999 *(Continued)*



Finding 1099999 Main Photo



Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100007 - Accessible Walkway from Rose Garden North Entry to Exposition Blvd

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1100007 *(Continued)*



Finding 1100007 Main Photo

Finding: 1100007 Additional Finding Photos



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo

Finding: 1100007 Additional Finding Photos



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo



Finding 1100007 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100008 - Accessible Walkway Rose Gardena North East Side to Armory

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

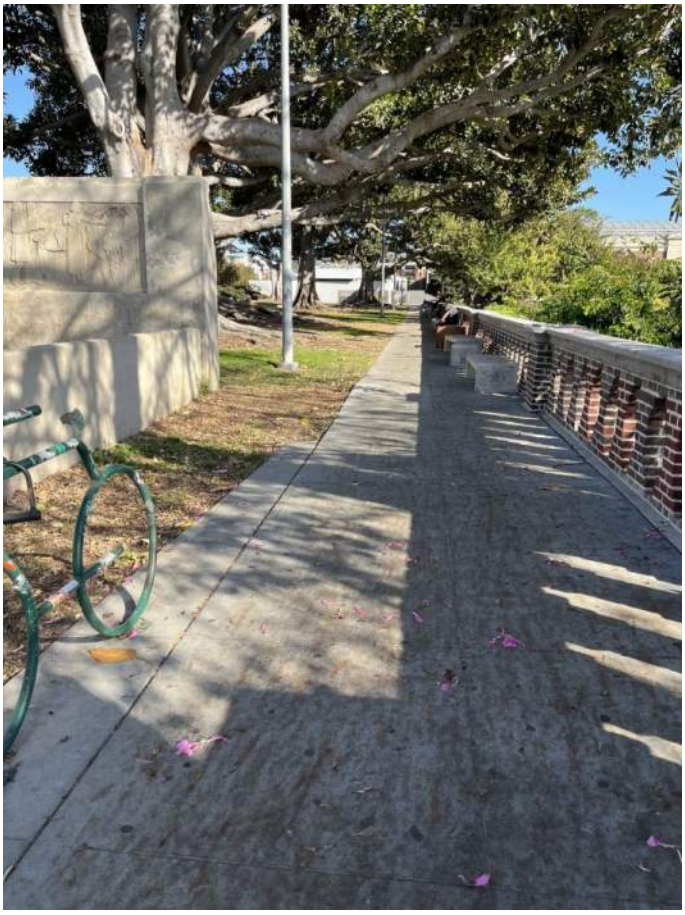
Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1100008 *(Continued)*



Finding 1100008 Main Photo

Finding: 1100008 Additional Finding Photos



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo

Finding: 1100008 Additional Finding Photos



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo



Finding 1100008 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100009 - Accessible Walkway Rose Garden North West to Natural History Museum

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1100009 *(Continued)*



Finding 1100009 Main Photo

Finding: 1100009 Additional Finding Photos



Finding 1100009 Additional Photo



Finding 1100009 Additional Photo



Finding 1100009 Additional Photo



Finding 1100009 Additional Photo



Finding 1100009 Additional Photo



Finding 1100009 Additional Photo



Finding 1100009 Additional Photo



Finding 1100009 Additional Photo

Finding: 1100009 Additional Finding Photos



Finding 1100009 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100010 - Ramp at West Rose Garden Entry form Natural History Museum

The ramps exceeds the maximum running slope (direction of travel) allowable of 8.33%.

Ramps should have the least possible slope but in no case more than 8.3% (1:12).

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.8.2
The least possible slope shall be used for any ramp. The maximum slope of a ramp in new construction shall be 1:12. The maximum rise for any run shall be 30 in (760 mm) (see Fig. 16). Curb ramps and ramps to be constructed on existing sites or in existing buildings or facilities may have slopes and rises as allowed in 4.1.6(3)(a) if space limitations prohibit the use of a 1:12 slope or less.

2022 CBC 11B (7/1/2024) Section 11B-405.2
Ramp runs shall have a running slope not steeper than 1:12.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.8.2	
2022 CBC 11B (7/1/2024) Section: 11B-405.2	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

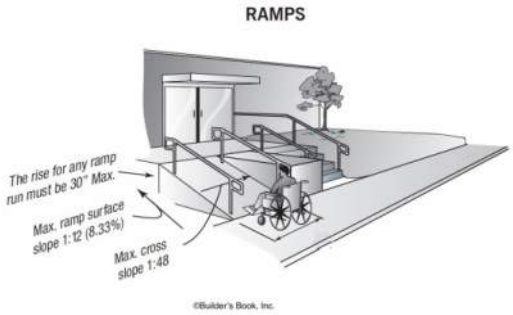
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1100010 *(Continued)*



Finding 1100010 Main Photo



Finding: 1100010 Additional Finding Photos



Finding 1100010 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100011 - Ramp at Rose Garden West Entry from Natural History Museum

The ramp does not have compliant handrails.

Handrails are required on both sides of all surfaces that are sloped greater than 5% (1:20). Handrails must be between 34 inches and 38 inches above the ramp surface, and must extend 12 inches beyond the top and bottom of the ramp and be parallel to the floor or ground surface. The diameter of the handrails must be between 1-1/4 inches and 1-1/2 inches in cross-sectional nominal dimension and the space between handrails and walls must be 1-1/2 inches minimum.

2010 CBC 11B Section 1133B.5.5.1
Handrails are required on ramps that provide access if slope exceeds one unit vertical in 20 units horizontal (5-percent slope). Handrails shall be placed on each side of each ramp, shall be continuous the full length of each ramp run, shall be 34 to 38 inches above the ramp surface to the top of the handrails, shall extend a minimum of 1 foot beyond the top and bottom of the ramp and shall be parallel with the floor or ground surface. The extensions of handrails shall be in the same direction of the ramp runs. The inside handrail on switchback or dogleg ramps shall always be continuous. Handrails may project into the required clear width a distance of 3-1/2 inches maximum from each side of a ramp at the handrail height. The ends of handrails shall be either rounded or returned smoothly to floor, wall or post. Handrails projecting from a wall shall have a space of 1-1/2 inches between the wall and the handrail. Handrails may be located in a recess if the recess is a maximum of 3 inches deep and extends at least 18 inches above the top of the rail. The grip portion shall not be less than 1-1/4 inches nor more than 1-1/2 inches in cross-sectional nominal dimension or the shape shall provide an equivalent gripping surface, and all surfaces shall be smooth with no sharp corners. Adjacent elements shall be positioned to provide unobstructed use of handrails at the specified locations. Handrails shall not rotate within their fittings. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Edges shall have a minimum radius of 1/8 inch. See Figure 11B-27.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.5.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1100011 *(Continued)*



Finding 1100011 Main Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100012 - Accessible Walkway Rose Garden West from West Ramp to Science Center

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1100012 *(Continued)*



Finding 1100012 Main Photo

Finding: 1100012 Additional Finding Photos



Finding 1100012 Additional Photo



Finding 1100012 Additional Photo



Finding 1100012 Additional Photo



Finding 1100012 Additional Photo



Finding 1100012 Additional Photo



Finding 1100012 Additional Photo



Finding 1100012 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100013 - Accessible Walkway Rose Garden South from Natural History Museum to Armory

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

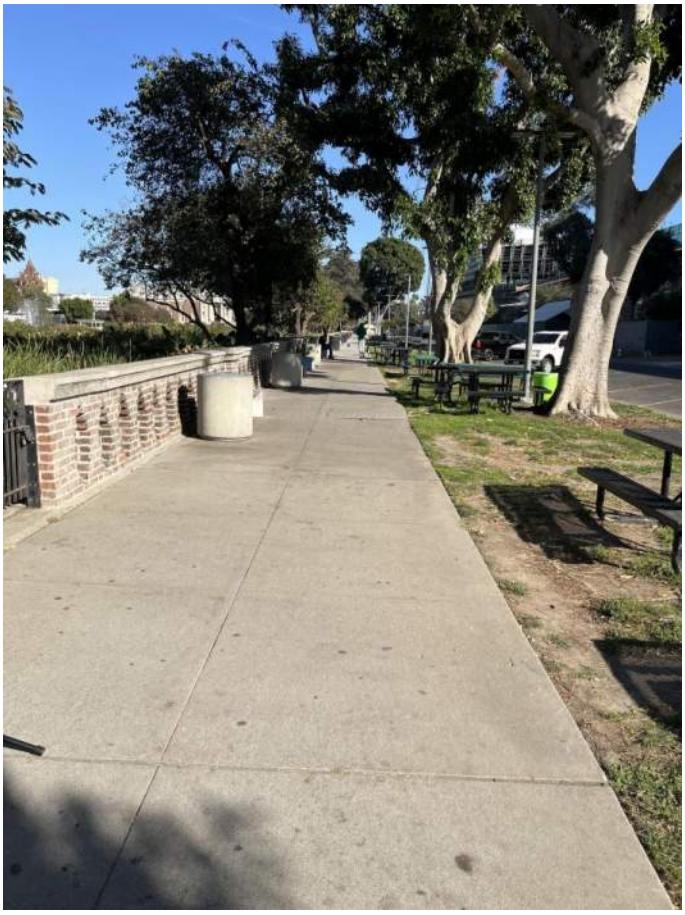
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1100013 *(Continued)*



Finding 1100013 Main Photo

Finding: 1100013 Additional Finding Photos



Finding 1100013 Additional Photo



Finding 1100013 Additional Photo



Finding 1100013 Additional Photo



Finding 1100013 Additional Photo



Finding 1100013 Additional Photo



Finding 1100013 Additional Photo



Finding 1100013 Additional Photo



Finding 1100013 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100014 - Curb Ramp Rose Garden South at Science Center West

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

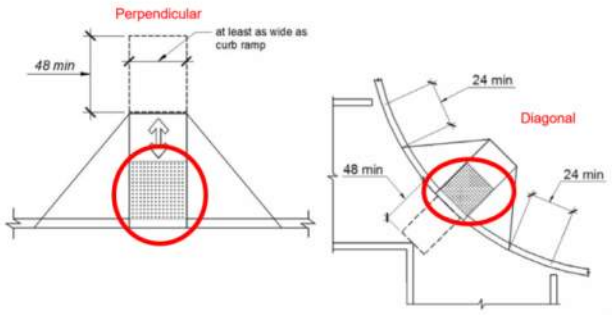
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1100014 Main Photo

Finding: 1100014 Additional Finding Photos



Finding 1100014 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100015 - Curb Ramp Rose Garden South at Science Center West

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) were provided, shall not be steeper than 1:10. (10%)

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

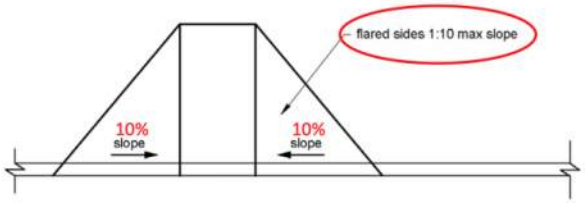
Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1100015 *(Continued)*





Finding 1100015 Main Photo

Finding: 1100015 Additional Finding Photos



Finding 1100015 Additional Photo



Finding 1100015 Additional Photo



Finding 1100015 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100016 - Carb Ramp Rose Garden South at Science Center East

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

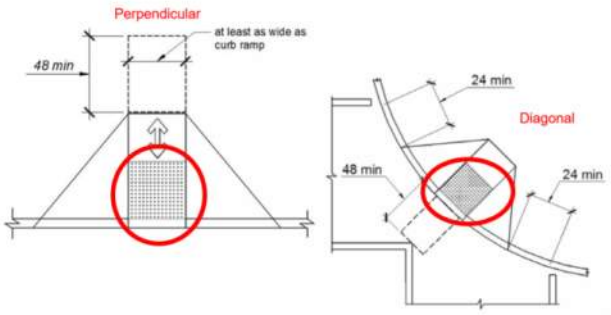
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1100016 Main Photo

Finding: 1100016 Additional Finding Photos



Finding 1100016 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100017 - Curb Ramp Rose Garden South at Science Center East

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) were provided, shall not be steeper than 1:10. (10%)

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

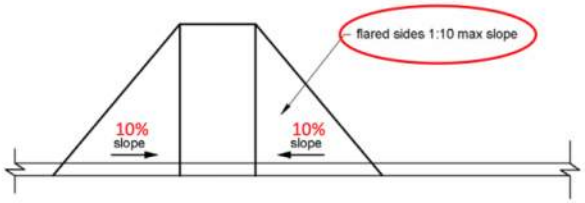
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1100017 *(Continued)*



Finding 1100017 Main Photo



Finding: 1100017 Additional Finding Photos



Finding 1100017 Additional Photo



Finding 1100017 Additional Photo



Finding 1100017 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100018 - Curb Ramp at Rose Garden South East side at Armory

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

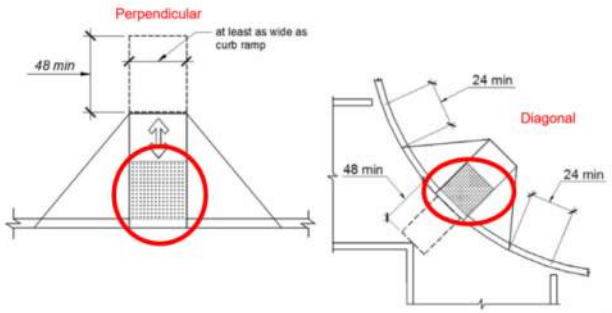
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1100018 Main Photo

Finding: 1100018 Additional Finding Photos



Finding 1100018 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100020 - Curb Ramp Rose Garden South at East to Armory

The curb ramp exceeds the maximum running slope (parallel to the direction of travel) allowable of 8.33%.

Curb ramps should have the least possible slope but in no case more than 8.33% (1:12).

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.8.2
The least possible slope shall be used for any ramp. The maximum slope of a ramp in new construction shall be 1:12. The maximum rise for any run shall be 30 in (760 mm) (see Fig. 16). Curb ramps and ramps to be constructed on existing sites or in existing buildings or facilities may have slopes and rises as allowed in 4.1.6(3)(a) if space limitations prohibit the use of a 1:12 slope or less.

2022 CBC 11B (7/1/2024) Section 11B-406.3.1
The running slope of the curb ramp segments shall be in-line with the direction of sidewalk travel. Ramp runs shall have a running slope not steeper than 1:12.

2022 CBC 11B (7/1/2024) Section 11B-406.2.1
Ramp runs shall have a running slope not steeper than 1:12.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.8.2	
2022 CBC 11B (7/1/2024) Section: 11B-406.3.1, 11B-406.2.1	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

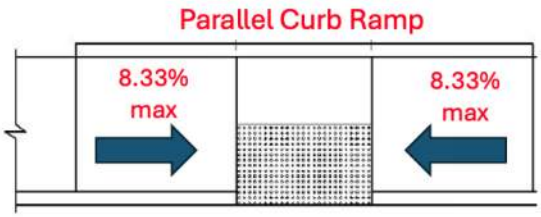
Estimated Remediation Date:
N/A

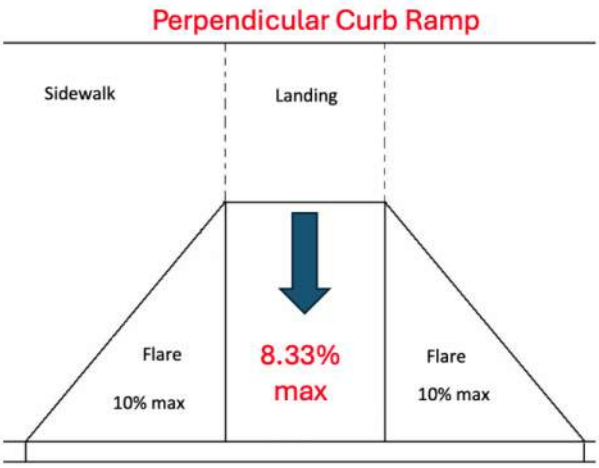
Notes:

N/A



Finding 1100020 Main Photo





Finding: 1100020 Additional Finding Photos



Finding 1100020 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1100021 - Curb Ramp Rose Garden South at East to Armory

The transition from the curb ramp to the walk, gutter or street is not flush and free of abrupt changes in level.

Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt changes in level. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed one unit vertical in 20 units horizontal (5-percent slope).

2010 CBC 11B Section 1127B.5.3
The slope of curb ramps shall not exceed one unit vertical in 12 units' horizontal (8.33-percent slope). The slope shall be measured as shown in Figure 11B-20E. Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt change. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed one unit vertical in 20 units' horizontal (5-percent slope) within 4 feet of the bottom of the curb ramp. The slope of the fanned or flared sides of curb ramps shall not exceed one unit vertical in 10 units horizontal (10 percent slope).

1991 ADAAG Section 4.7.2
Slopes of curb ramps shall comply with 4.8.2. The slope shall be measured as shown in Fig. 11. Transitions from ramps to walks, gutters, or streets shall be flush and free of abrupt changes. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1:20.

2022 CBC 11B (7/1/2024) Section 11B-406.5.8
Counter slopes of adjoining gutters and road surfaces immediately adjacent to and within 24 inches (610 mm) of the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.3	**N/A**
1991 ADAAG Section: 4.7.2	
2022 CBC 11B (7/1/2024) Section: 11B-406.5.8	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

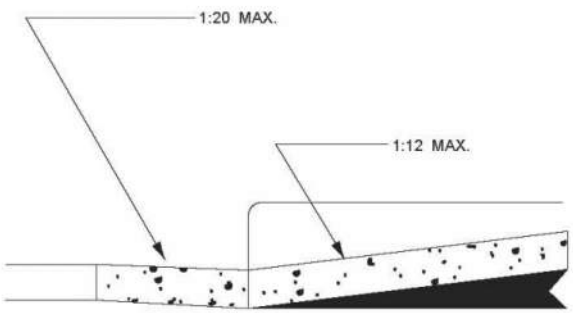
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1100021 Main Photo

Finding: 1100021 Additional Finding Photos



Finding 1100021 Additional Photo



Finding 1100021 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1118580 - Parking Garage South West Elevator near Science Center

The existing passenger elevator appears to comply with features in accordance with ASME A17.1, (Safety Code for Elevators and Escalators). The elevator car size (length & width) , door operation, door size, door protective and reopening devices are compliant, hall & car calls are correct , the hall lantern and door jamb markings are correct. An audible signal shall sound once for the "up" direction and twice for the "down" direction or shall have verbal annunciators that say "up" or "down." The Sound could not be distinguished with ambient sounds Contact the elevator contractor and/or vendor to ensure compliance with ASME A17.1. The operation appears to be not smooth and may require refurbishment or replacement of rails and and upgrade or refurbishment of elevator features to comply with Safety code and Chapter 11B

2010 CBC 11B Section 1116B.1
Passenger elevators shall be accessible. Elevators required to be accessible shall be designed and constructed to comply with this section and with the ASME A17.1, Safety Code for Elevators and Escalators. Freight elevators shall not be considered as meeting the requirements of this section unless the only elevators provided are used as combination passenger and freight elevators for the public and employees.

1991 ADAAG Section 4.10.1
General. Accessible elevators shall be on an accessible route and shall comply with 4.10 and with the ASME A17.1-1990, Safety Code for Elevators and Escalators. Freight elevators shall not be considered as meeting the requirements of this section unless the only elevators provided are used as combination passenger and freight elevators for the public and employees.

2022 CBC 11B (7/1/2024) Section 11B-407.1
Elevators shall comply with Section 11B-401 and with ASME A17.1 They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

Citation:	As Built:
2010 CBC 11B Section: 1116B.1	**N/A**
1991 ADAAG Section: 4.10.1	
2022 CBC 11B (7/1/2024) Section: 11B-407.1	

Recommendation:
N/A - Refer to Finding

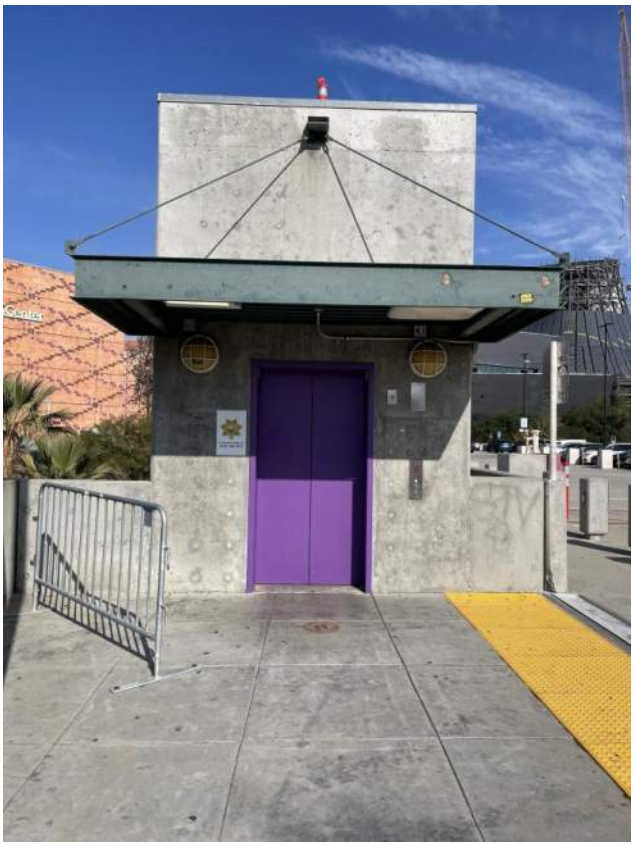
Barrier Priority:
N/A

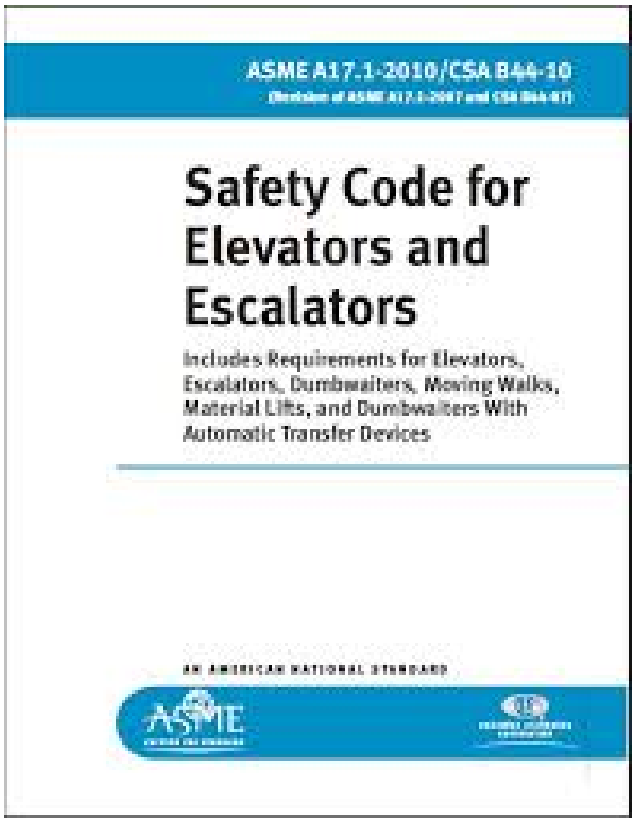
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1118580 Main Photo

Finding: 1118580 Additional Finding Photos



Finding 1118580 Additional Photo



Finding 1118580 Additional Photo



Finding 1118580 Additional Photo



Finding 1118580 Additional Photo



Finding 1118580 Additional Photo



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Finding: 1118580 Additional Finding Photos



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Finding: 1118580 Additional Finding Photos



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Finding 1118580 Additional Photo



Finding 1118580 Additional Photo



Finding 1118580 Additional Photo



Finding 1118580 Additional Photo



Finding 1118580 Additional Photo

Parking Garage/ Science Center/ Rose Garden/ CAAM

Lat/Long: [34.0162885, -118.2857696]

BFID: 1118583 - Parking Garage North Elevator near CAAM

The existing passenger elevator could not be accessed and appears to be non operational. It is possible that the elevator contain several non compliant features in accordance with ASME A17.1, (Safety Code for Elevators and Escalators). The elevator car size (length & width) could not be verified as to if is too small, door operation, door size, door protective and reopening devices are possibly noncompliant, hall & car calls are correct but interior could not be verified, the hall lantern and door jamb markings are correct. An audible signal shall sound once for the "up" direction and twice for the "down" direction or shall have verbal annunciators that say "up" or "down." Contact the elevator contractor and/or vendor to ensure compliance with ASME A17.1. and check for compliance to chapter 11B. The rails and cab as well as features may need to be refurbished or replaced

2010 CBC 11B Section 1116B.1
Passenger elevators shall be accessible. Elevators required to be accessible shall be designed and constructed to comply with this section and with the ASME A17.1, Safety Code for Elevators and Escalators. Freight elevators shall not be considered as meeting the requirements of this section unless the only elevators provided are used as combination passenger and freight elevators for the public and employees.

1991 ADAAG Section 4.10.1
General. Accessible elevators shall be on an accessible route and shall comply with 4.10 and with the ASME A17.1-1990, Safety Code for Elevators and Escalators. Freight elevators shall not be considered as meeting the requirements of this section unless the only elevators provided are used as combination passenger and freight elevators for the public and employees.

2022 CBC 11B (7/1/2024) Section 11B-407.1
Elevators shall comply with Section 11B-401 and with ASME A17.1 They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

Citation:	As Built:
2010 CBC 11B Section: 1116B.1	**N/A**
1991 ADAAG Section: 4.10.1	
2022 CBC 11B (7/1/2024) Section: 11B-407.1	

Recommendation:
N/A - Refer to Finding

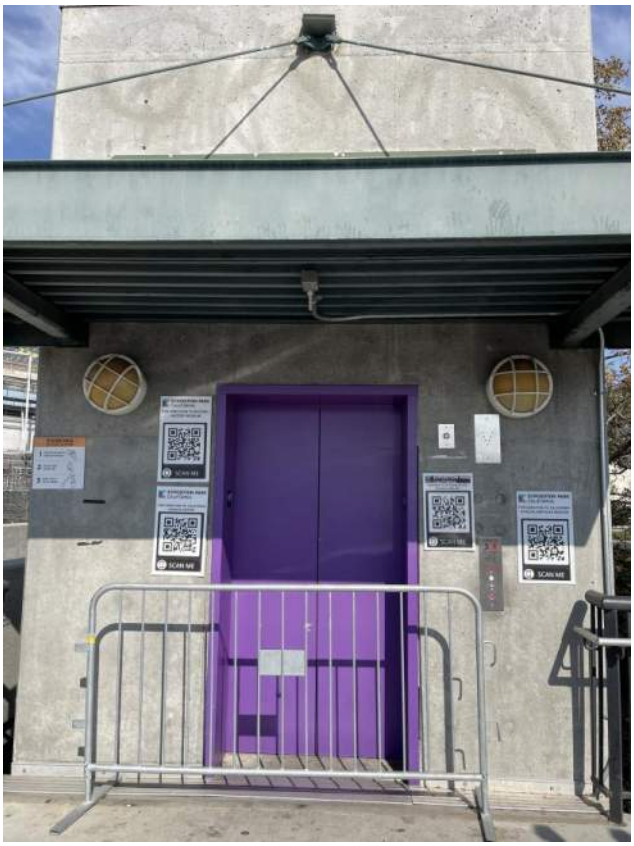
Barrier Priority:
N/A

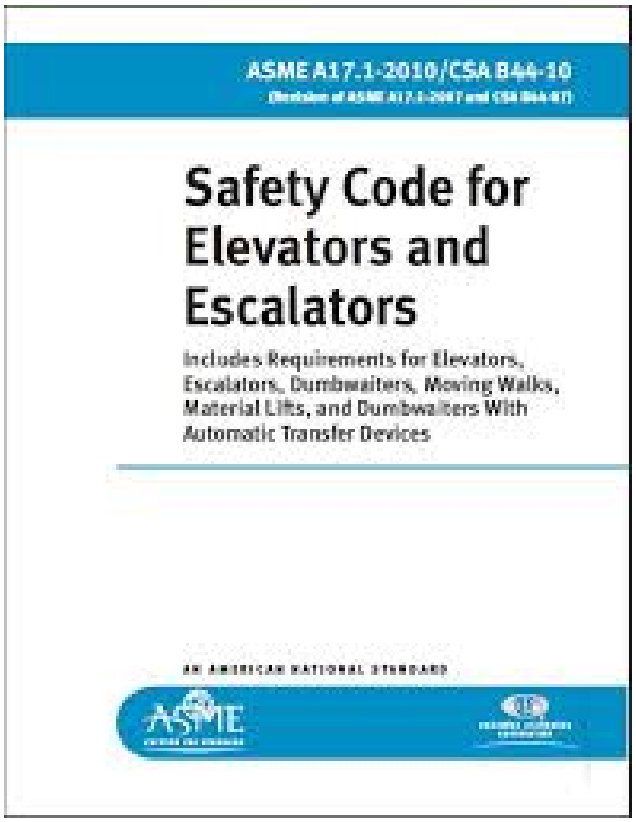
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1118583 Main Photo

Finding: 1118583 Additional Finding Photos



Finding 1118583 Additional Photo



Finding 1118583 Additional Photo



Finding 1118583 Additional Photo



Finding 1118583 Additional Photo



Finding 1118583 Additional Photo



Finding 1118583 Additional Photo



Finding 1118583 Additional Photo



Finding 1118583 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104941 - S. Coliseum Dr at MLK to Green Lot Parking Walkway East Side

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

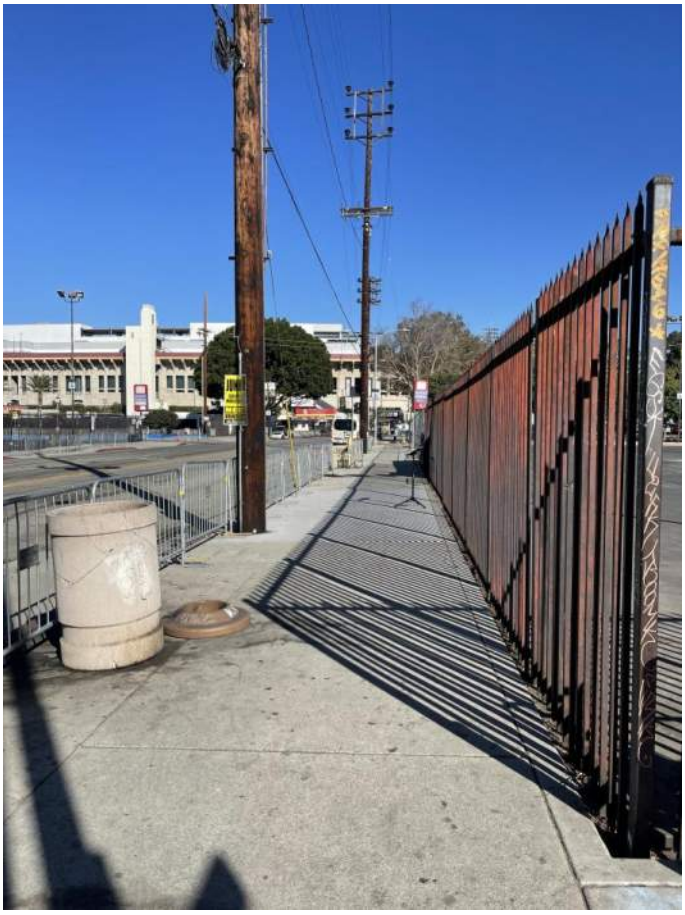
Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1104941 *(Continued)*



Finding 1104941 Main Photo

Finding: 1104941 Additional Finding Photos



Finding 1104941 Additional Photo



Finding 1104941 Additional Photo



Finding 1104941 Additional Photo



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Finding: 1104941 Additional Finding Photos



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Finding: 1104941 Additional Finding Photos



Finding 1104941 Additional Photo



Finding 1104941 Additional Photo



Finding 1104941 Additional Photo



Finding 1104941 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104950 - S. Coliseum Dr at MLK to Green Lot Parking Road

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1104950 *(Continued)*



Finding 1104950 Main Photo

Finding: 1104950 Additional Finding Photos



Finding 1104950 Additional Photo



Finding 1104950 Additional Photo



Finding 1104950 Additional Photo



Finding 1104950 Additional Photo



Finding 1104950 Additional Photo



Finding 1104950 Additional Photo



Finding 1104950 Additional Photo



Finding 1104950 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104954 - S. Coliseum Dr at MLK to Green Lot Parking Walkway West Side

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

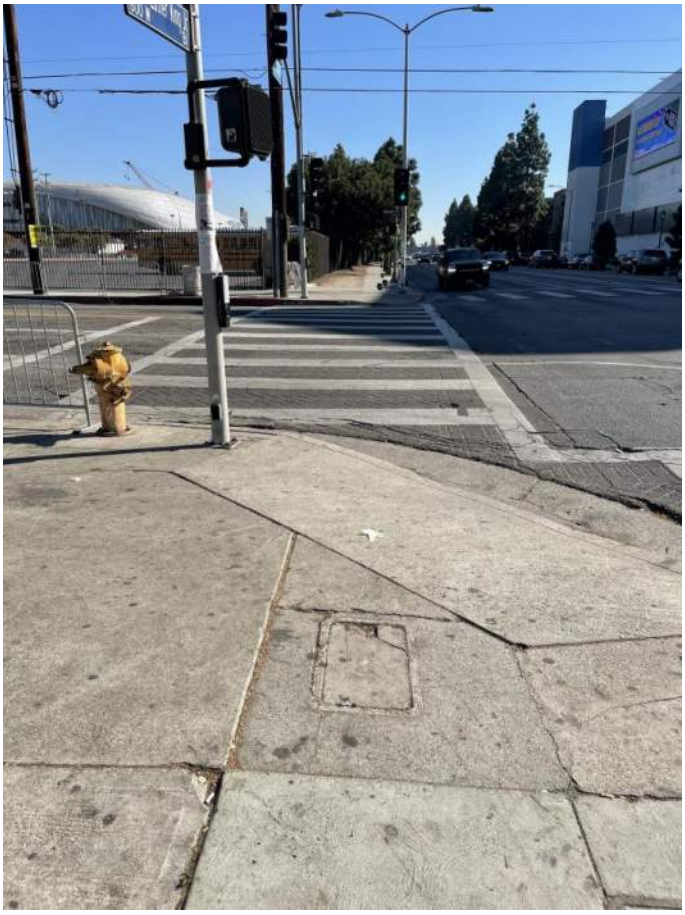
Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1104954 *(Continued)*



Finding 1104954 Main Photo

Finding: 1104954 Additional Finding Photos



Finding 1104954 Additional Photo



Finding 1104954 Additional Photo



Finding 1104954 Additional Photo



Finding 1104954 Additional Photo



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Finding: 1104954 Additional Finding Photos



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Finding: 1104954 Additional Finding Photos



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Finding 1104954 Additional Photo



Finding 1104954 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104975 - S. Coliseum Dr at Green Lot Parking to BMO Lot Road

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1104975 *(Continued)*



Finding 1104975 Main Photo

Finding: 1104975 Additional Finding Photos



Finding 1104975 Additional Photo



Finding 1104975 Additional Photo



Finding 1104975 Additional Photo



Finding 1104975 Additional Photo



Finding 1104975 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104981 - S. Coliseum Dr at BMO Parking entry East Side

The detectable warning surface does not extend 36 inches in the direction of travel.

Detectable warnings at curb ramps shall extend the full width of the curb ramp excluding any flared side and 36 inches in the direction of travel.

On parallel curb ramps, detectable warnings shall be placed on the turning space at the flush transition between the street and sidewalk. Detectable warnings shall extend the full width of the turning space at the flush transition between the street and the sidewalk less 2 inches maximum on each side.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

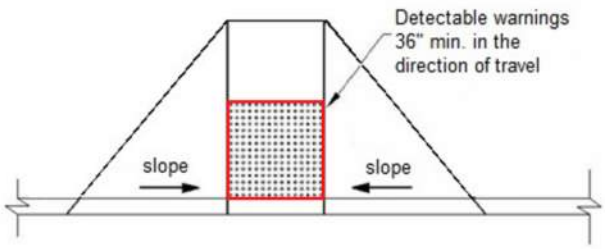
N/A

Notes:

N/A

Finding: 1104981 *(Continued)*





Finding 1104981 Main Photo

Finding: 1104981 Additional Finding Photos



Finding 1104981 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104982 - S. Coliseum Dr at BMO Lot to Green Lot Parking Walkway East Side

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down
Slope Exceeds 5% running slope and 2% cross slope at specific location in front of canopy columns

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1104982 *(Continued)*



Finding 1104982 Main Photo

Finding: 1104982 Additional Finding Photos



Finding 1104982 Additional Photo



Finding 1104982 Additional Photo



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Finding: 1104982 Additional Finding Photos



Finding 1104982 Additional Photo



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Finding 1104982 Additional Photo



Finding 1104982 Additional Photo



Finding 1104982 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104983 - S. Coliseum Dr at BMO Lot Parking to Green Lot Road (At Parking Striping and Access at Road Curve)

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1104983 *(Continued)*



Finding 1104983 Main Photo

Finding: 1104983 Additional Finding Photos



Finding 1104983 Additional Photo



Finding 1104983 Additional Photo



Finding 1104983 Additional Photo



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Finding 1104983 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104984 - S. Coliseum Dr at BMO Lot Parking Walkway West Side Curb Ramp

The transition from the curb ramp to the walk, gutter or street is not flush and free of abrupt changes in level.

Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt changes in level. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed one unit vertical in 20 units horizontal (5-percent slope).

2010 CBC 11B Section 1127B.5.3
The slope of curb ramps shall not exceed one unit vertical in 12 units' horizontal (8.33-percent slope). The slope shall be measured as shown in Figure 11B-20E. Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt change. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed one unit vertical in 20 units' horizontal (5-percent slope) within 4 feet of the bottom of the curb ramp. The slope of the fanned or flared sides of curb ramps shall not exceed one unit vertical in 10 units horizontal (10 percent slope).

1991 ADAAG Section 4.7.2
Slopes of curb ramps shall comply with 4.8.2. The slope shall be measured as shown in Fig. 11. Transitions from ramps to walks, gutters, or streets shall be flush and free of abrupt changes. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1:20.

2022 CBC 11B (7/1/2024) Section 11B-406.5.8
Counter slopes of adjoining gutters and road surfaces immediately adjacent to and within 24 inches (610 mm) of the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.

Citation:

2010 CBC 11B Section: 1127B.5.3

1991 ADAAG Section: 4.7.2

2022 CBC 11B (7/1/2024) Section: 11B-406.5.8

As Built:

Water Ponding

Recommendation:

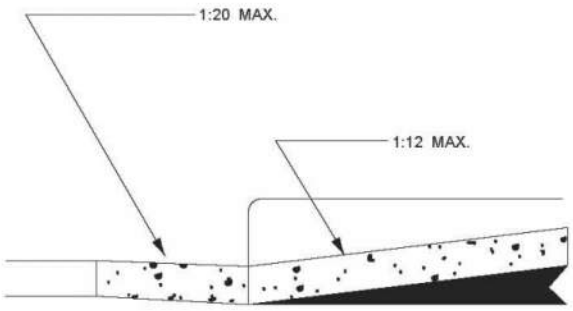
N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:
N/A

Notes:
N/A



Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1104985 - S. Coliseum Dr at BMO Lot to across from BMO Stadium Walkway West Side

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

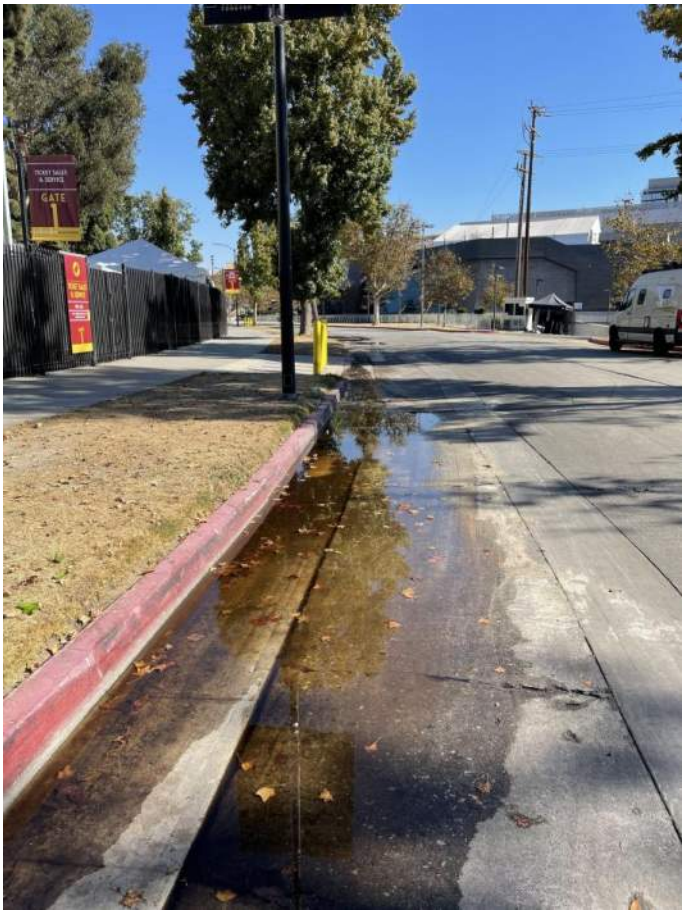
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1104985 *(Continued)*



Finding 1104985 Main Photo

Finding: 1104985 Additional Finding Photos



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo

Finding: 1104985 Additional Finding Photos



Finding 1104985 Additional Photo



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Finding 1104985 Additional Photo

Finding: 1104985 Additional Finding Photos



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo



Finding 1104985 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107112 - S. Coliseum Dr at Coliseum across from BMO

The curb ramp on the accessible route has cross slopes greater than 2 percent and running slopes greater than 8.33 percent.

Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). Surface running slopes shall not exceed one unit vertical in 12 units horizontal (8.33-percent slope).

2010 CBC 11B Section 1133B.5.3.1
The cross slope of ramp surfaces shall be no greater than 1 unit vertical in 50 units horizontal (2-percent slope).

1991 ADAAG Section 4.3.7
An accessible route with a running slope greater than 1:20 is a ramp and shall comply with 4.8. Nowhere shall the cross slope of an accessible route exceed 1:50.

2022 CBC 11B (7/1/2024) Section 11B-406.5.7
The cross slope of curb ramps and blended transitions shall be 1:48 maximum.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3.1	**N/A**
1991 ADAAG Section: 4.3.7	
2022 CBC 11B (7/1/2024) Section: 11B-406.5.7	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

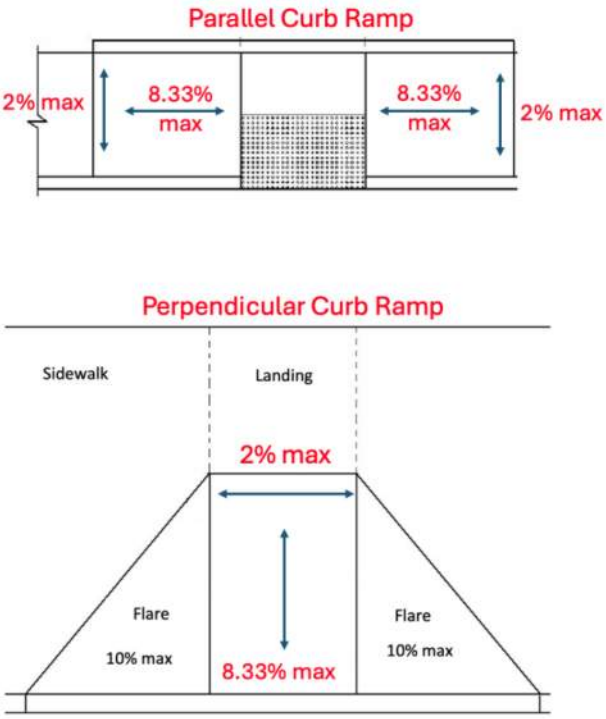
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1107112 *(Continued)*



Finding 1107112 Main Photo



Finding: 1107112 Additional Finding Photos



Finding 1107112 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107113 - S. Coliseum Dr at Coliseum across from BMO

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

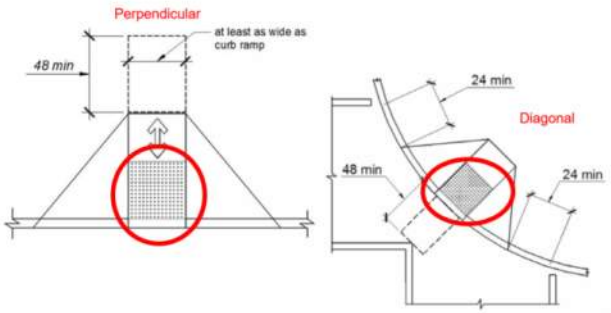
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1107113 Main Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107114 - S. Coliseum Dr at Coliseum across from BMO

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1107114 *(Continued)*



Finding 1107114 Main Photo

Finding: 1107114 Additional Finding Photos



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo

Finding: 1107114 Additional Finding Photos



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo



Finding 1107114 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107115 - S. Coliseum Dr at Coliseum across from BMO

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1107115 *(Continued)*



Finding 1107115 Main Photo

Finding: 1107115 Additional Finding Photos



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo

Finding: 1107115 Additional Finding Photos



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



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Finding: 1107115 Additional Finding Photos



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo



Finding 1107115 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107116 - S. Coliseum Drive Walkway at West end of Christmas Tree Lane Park

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

Sidewalk is subsiding or sinking from curb causing water retention and drainage issues

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1107116 *(Continued)*



Finding 1107116 Main Photo

Finding: 1107116 Additional Finding Photos



Finding 1107116 Additional Photo



Finding 1107116 Additional Photo



Finding 1107116 Additional Photo



Finding 1107116 Additional Photo



Finding 1107116 Additional Photo



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Finding: 1107116 Additional Finding Photos



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Finding 1107116 Additional Photo

Finding: 1107116 Additional Finding Photos



Finding 1107116 Additional Photo



Finding 1107116 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107117 - S. Coliseum Drive Roadway at West end of Christmas tree Lane Park

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1107117 *(Continued)*



Finding 1107117 Main Photo

Finding: 1107117 Additional Finding Photos



Finding 1107117 Additional Photo



Finding 1107117 Additional Photo



Finding 1107117 Additional Photo



Finding 1107117 Additional Photo



Finding 1107117 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107118 - S. Coliseum Drive Intersection of North Christmas Tree Lane at Science Center

Per CA MUTCD The marked crosswalk looks visually compliant.

When crosswalk lines are used, they shall consist of solid white lines that mark the crosswalk. They shall not be less than 12 inches or greater than 24 inches in width.

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**N/A**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1107118 *(Continued)*



Finding 1107118 Main Photo

Finding: 1107118 Additional Finding Photos



Finding 1107118 Additional Photo



Finding 1107118 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107119 - S. Coliseum Drive Walkway Coliseum Side across from West end of Christmas Tree lane park

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or ground down

Sidewalk is subsiding or sinking from curb causing water retention and drainage issues

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

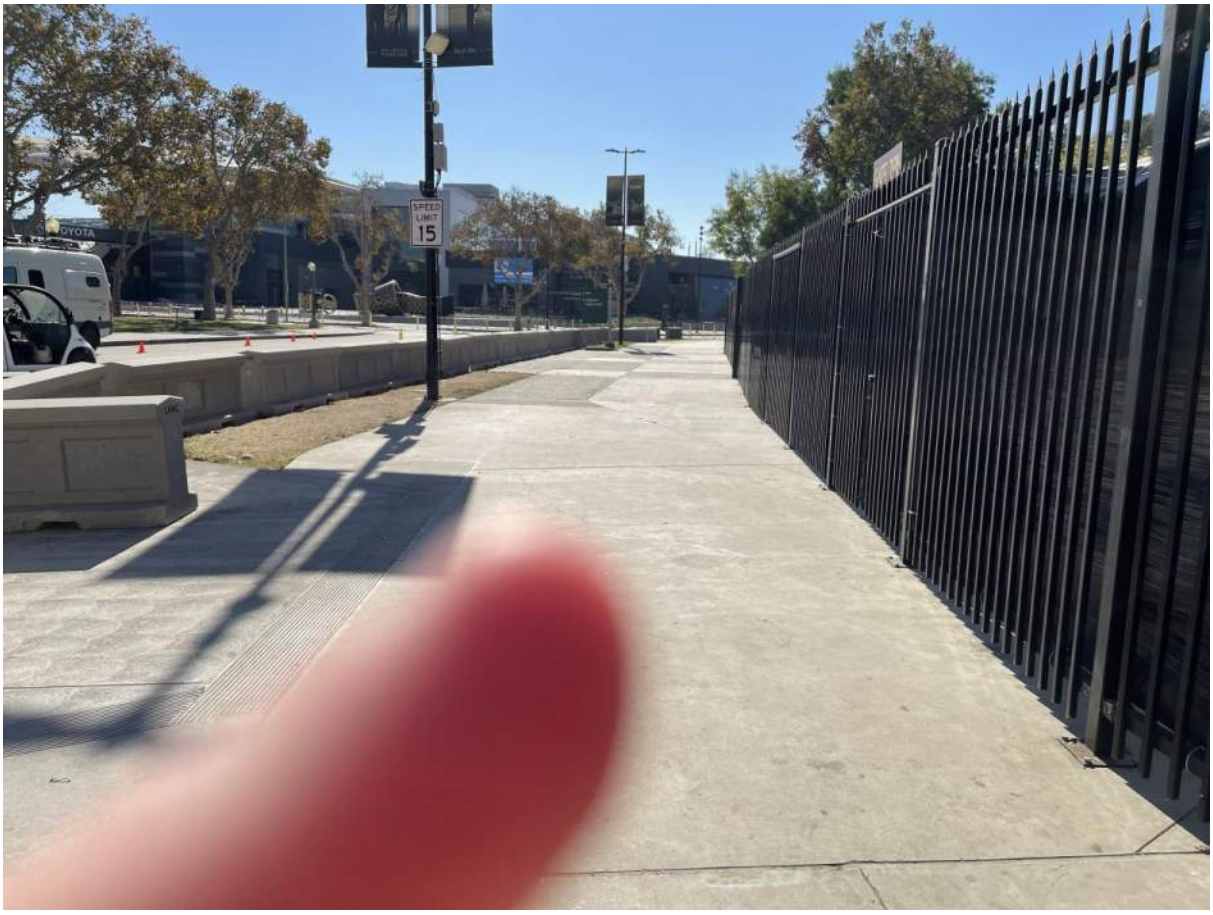
Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1107119 *(Continued)*



Finding 1107119 Main Photo

Finding: 1107119 Additional Finding Photos



Finding 1107119 Additional Photo



Finding 1107119 Additional Photo



Finding 1107119 Additional Photo



Finding 1107119 Additional Photo



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Finding: 1107119 Additional Finding Photos



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Finding: 1107119 Additional Finding Photos



Finding 1107119 Additional Photo



Finding 1107119 Additional Photo



Finding 1107119 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1107120 - N. Coliseum Drive Intersection of North Christmas Tree Lane at Science Center

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1107120 *(Continued)*



Finding 1107120 Main Photo

Finding: 1107120 Additional Finding Photos



Finding 1107120 Additional Photo



Finding 1107120 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108181 - N Coliseum Drive at Science Center Parking and Elevator

The detectable warning is missing at the curb ramp.

Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border.

2010 CBC 11B Section 1127B.5.7
Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall be slip-resistant and consist of raised truncated domes with a diameter of nominal 0.9 inch at the base tapering to 0.45 inch at the top, a height of nominal 0.2 inch and a center-to-center spacing of nominal 2.35 inches in compliance with Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.7	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108181 *(Continued)*



Finding 1108181 Main Photo

Finding: 1108181 Additional Finding Photos



Finding 1108181 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108182 - N Coliseum Dr at Science Center Parking and Elevator

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

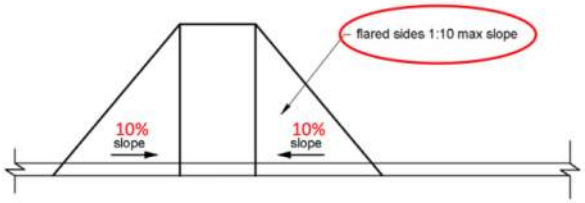
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108182 *(Continued)*



Finding 1108182 Main Photo



Finding: 1108182 Additional Finding Photos



Finding 1108182 Additional Photo



Finding 1108182 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108183 - N Coliseum Drive Accessible Walkway to Elevator and Parking Structure

The Accessible walkway element has been found to be in substantial compliance with accessibility codes, standards, and regulations, however, the condition of the concrete is deteriorated and had numerous cracks and cosmetic issues.

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**N/A**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108183 *(Continued)*



Finding 1108183 Main Photo

Finding: 1108183 Additional Finding Photos



Finding 1108183 Additional Photo



Finding 1108183 Additional Photo



Finding 1108183 Additional Photo



Finding 1108183 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108184 - N Coliseum Dr At Science Center Parking and Elevator Curb Ramp to Coliseum

The detectable warning is missing at the curb ramp.

Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border.

Turn at face of Curb Ramp is also deteriorated and is a tripping hazard

2010 CBC 11B Section 1127B.5.7
Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall be slip-resistant and consist of raised truncated domes with a diameter of nominal 0.9 inch at the base tapering to 0.45 inch at the top, a height of nominal 0.2 inch and a center-to-center spacing of nominal 2.35 inches in compliance with Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.7	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108184 *(Continued)*



Finding 1108184 Main Photo

Finding: 1108184 Additional Finding Photos



Finding 1108184 Additional Photo



Finding 1108184 Additional Photo



Finding 1108184 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108185 - N Coliseum Dr At Science Center Parking and Elevator Curb Ramp to Coliseum

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

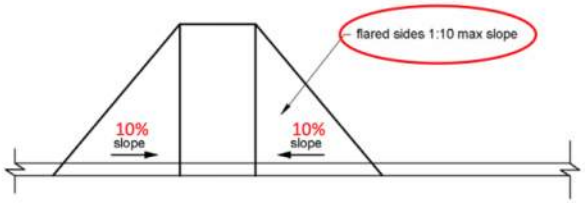
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108185 *(Continued)*



Finding 1108185 Main Photo



Finding: 1108185 Additional Finding Photos



Finding 1108185 Additional Photo



Finding 1108185 Additional Photo



Finding 1108185 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108186 - N Coliseum Dr At Science Center (North Side) Parking to Science Center Bldg

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108186 *(Continued)*



Finding 1108186 Main Photo

Finding: 1108186 Additional Finding Photos



Finding 1108186 Additional Photo



Finding 1108186 Additional Photo



Finding 1108186 Additional Photo



Finding 1108186 Additional Photo



Finding 1108186 Additional Photo



Finding 1108186 Additional Photo



Finding 1108186 Additional Photo



Finding 1108186 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108187 - N Coliseum Dr Roadway At Science Center Parking to Science Center Bldg

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108187 *(Continued)*



Finding 1108187 Main Photo

Finding: 1108187 Additional Finding Photos



Finding 1108187 Additional Photo



Finding 1108187 Additional Photo



Finding 1108187 Additional Photo



Finding 1108187 Additional Photo



Finding 1108187 Additional Photo



Finding 1108187 Additional Photo



Finding 1108187 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108188 - N Coliseum Dr At Science Center (South Coliseum Side) Parking to Science Center Bldg

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1108188 *(Continued)*



Finding 1108188 Main Photo

Finding: 1108188 Additional Finding Photos



Finding 1108188 Additional Photo



Finding 1108188 Additional Photo



Finding 1108188 Additional Photo



Finding 1108188 Additional Photo



Finding 1108188 Additional Photo



Finding 1108188 Additional Photo



Finding 1108188 Additional Photo



Finding 1108188 Additional Photo

Finding: 1108188 Additional Finding Photos



Finding 1108188 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108189 - N Coliseum Dr At Science Center (South Coliseum Side) Parking to Science Center Bldg Curb Ramp Across from Elevator Curb Ramp

The surface of the curb ramp is not firm, stable and/or slip resistant..

Floor and ground surfaces shall be stable, firm, and slip resistant.

Detectable Warning is present but deteriorated

2010 CBC 11B Section 1124B.1
Ground and floor surfaces along accessible routes and in accessible rooms and spaces, including floors, walks, ramps, stairs and curb ramps, shall be stable, firm, slip resistant and shall comply with this section.

1991 ADAAG Section 4.5.1
General. Ground and floor surfaces along
accessible routes and in accessible rooms and spaces including floors, walks, ramps, stairs, and curb ramps, shall be stable, firm, slip- resistant, and shall comply with 4.5.

2022 CBC 11B (7/1/2024) Section 11B-302.1
Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with Section 11B-302.

Citation:	As Built:
2010 CBC 11B Section: 1124B.1	**N/A**
1991 ADAAG Section: 4.5.1	
2022 CBC 11B (7/1/2024) Section: 11B-302.1	

Recommendation:
N/A - Refer to Finding

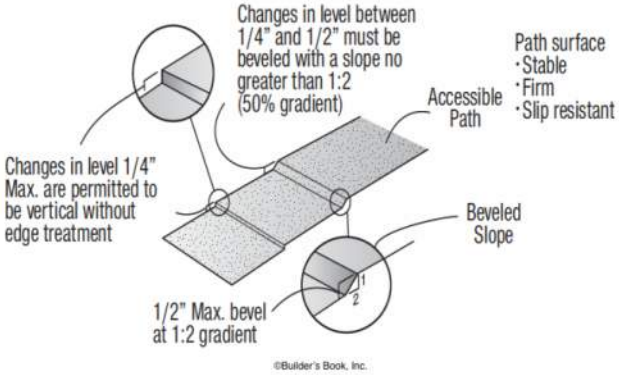
Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108189 *(Continued)*



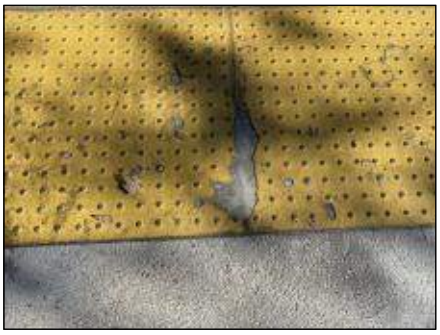


Finding 1108189 Main Photo

Finding: 1108189 Additional Finding Photos



Finding 1108189 Additional Photo



Finding 1108189 Additional Photo



Finding 1108189 Additional Photo



Finding 1108189 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108190 - N Coliseum Dr At Science Center (South Coliseum Side) Parking to Science Center Bldg Curb Ramp Across from Elevator Curb Ramp

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

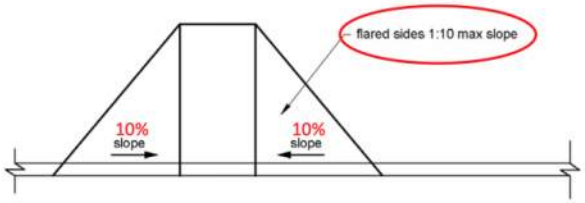
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108190 *(Continued)*



Finding 1108190 Main Photo



Finding: 1108190 Additional Finding Photos



Finding 1108190 Additional Photo



Finding 1108190 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108191 - N Coliseum Dr Roadway At Science Center South Side

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108191 *(Continued)*



Finding 1108191 Main Photo

Finding: 1108191 Additional Finding Photos



Finding 1108191 Additional Photo



Finding 1108191 Additional Photo



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Finding: 1108191 Additional Finding Photos



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Finding: 1108191 Additional Finding Photos



Finding 1108191 Additional Photo



Finding 1108191 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108192 - N Coliseum Dr At Science Center (North Side) Curb Ramp at Science Center Bldg East side

The detectable warning is missing at the curb ramp.

Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border.

Turn at face of Curb Ramp is also deteriorated and is a tripping hazard

2010 CBC 11B Section 1127B.5.7
Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall be slip-resistant and consist of raised truncated domes with a diameter of nominal 0.9 inch at the base tapering to 0.45 inch at the top, a height of nominal 0.2 inch and a center-to-center spacing of nominal 2.35 inches in compliance with Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.7	**N/A**

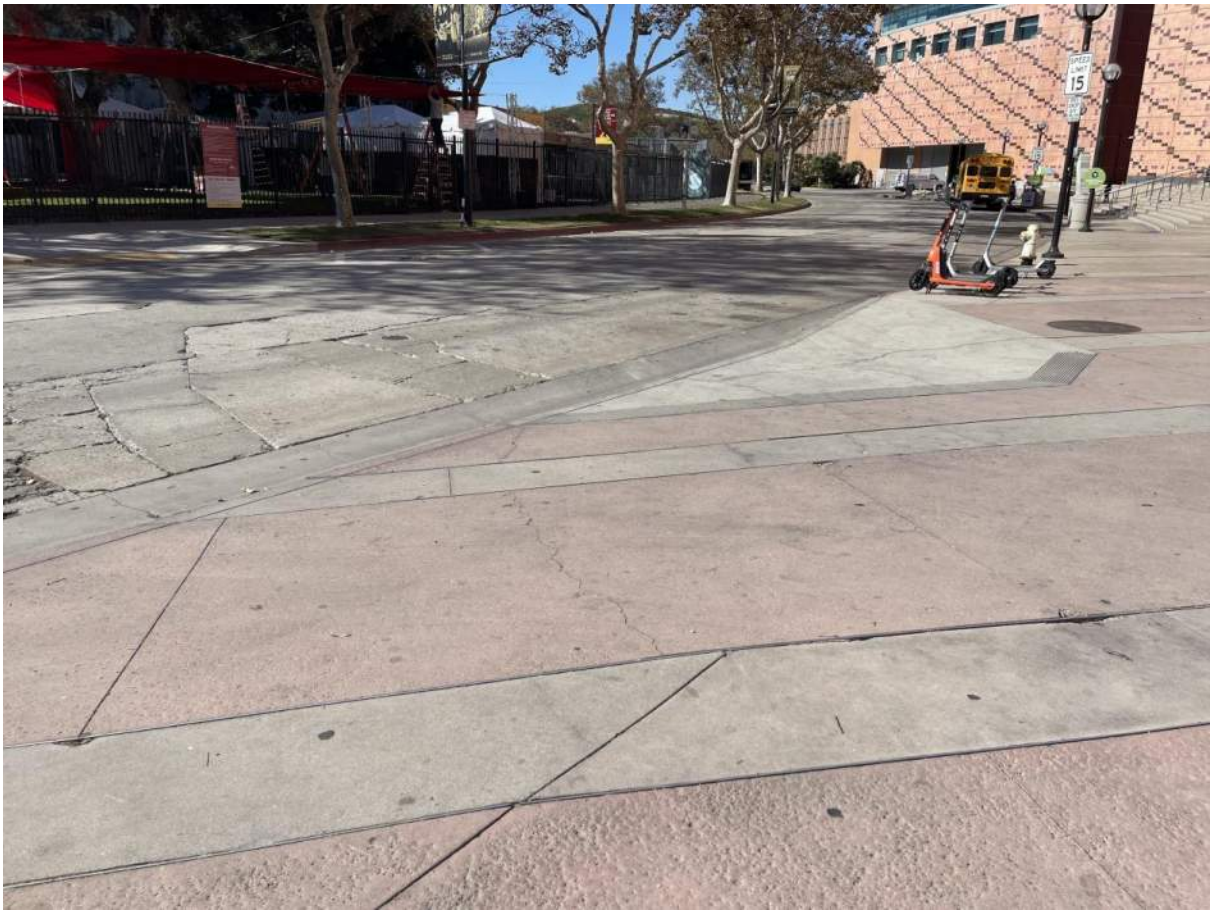
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108192 *(Continued)*



Finding 1108192 Main Photo

Finding: 1108192 Additional Finding Photos



Finding 1108192 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108193 - N Coliseum Dr At Science Center (South Coliseum Side) Curb Ramp across from Science Center East Side

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

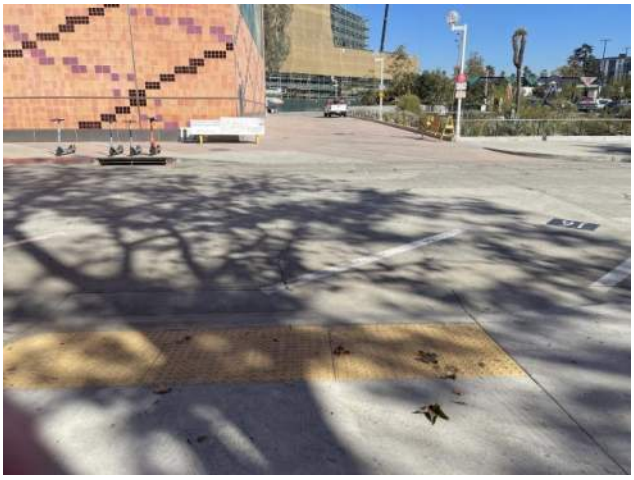
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

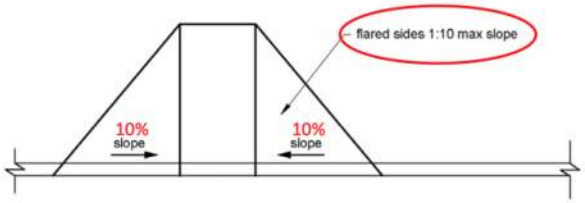
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108193 *(Continued)*



Finding 1108193 Main Photo



Finding: 1108193 Additional Finding Photos



Finding 1108193 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108194 - N Coliseum Dr At Science Center (South Coliseum Side) Curb Ramp Crosswalk to Science Center East side

Per CA MUTCD The marked crosswalk looks visually compliant.

When crosswalk lines are used, they shall consist of solid white lines that mark the crosswalk. They shall not be less than 12 inches or greater than 24 inches in width.

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**N/A**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108194 *(Continued)*



Finding 1108194 Main Photo

Finding: 1108194 Additional Finding Photos



Finding 1108194 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108195 - N Coliseum Dr At Science Center (South Coliseum Side) Walkway from Science Center East to Science Center West

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

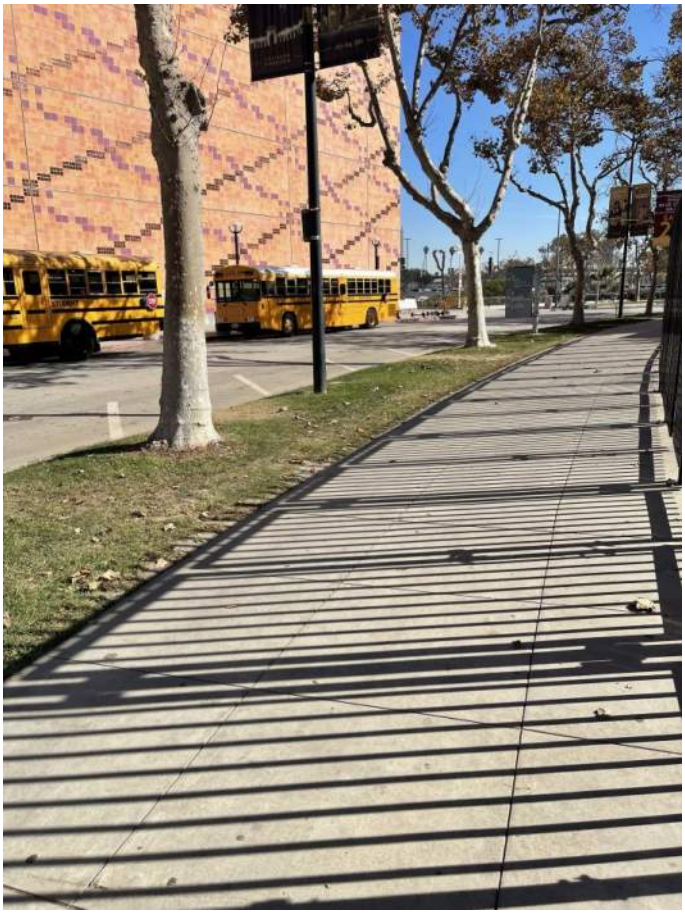
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108195 *(Continued)*



Finding 1108195 Main Photo

Finding: 1108195 Additional Finding Photos



Finding 1108195 Additional Photo



Finding 1108195 Additional Photo



Finding 1108195 Additional Photo



Finding 1108195 Additional Photo



Finding 1108195 Additional Photo



Finding 1108195 Additional Photo



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Finding 1108195 Additional Photo

Finding: 1108195 Additional Finding Photos



Finding 1108195 Additional Photo



Finding 1108195 Additional Photo



Finding 1108195 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108196 - N Coliseum Dr At Science Center (South Coliseum Side) Walkway from Science Center East to Science Center West Multiple Curb Ramps

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

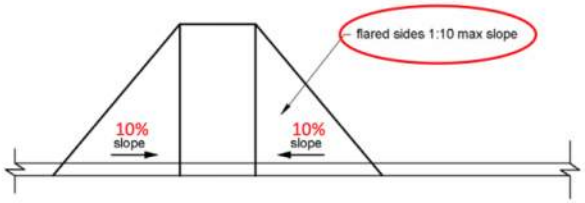
Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108196 *(Continued)*





Finding 1108196 Main Photo

Finding: 1108196 Additional Finding Photos



Finding 1108196 Additional Photo



Finding 1108196 Additional Photo



Finding 1108196 Additional Photo



Finding 1108196 Additional Photo



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Finding 1108196 Additional Photo

Finding: 1108196 Additional Finding Photos



Finding 1108196 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108197 - N Coliseum Dr At Science Center (South Coliseum Side) Walkway from Science Center West to Bill Robertson ln

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108197 *(Continued)*



Finding 1108197 Main Photo

Finding: 1108197 Additional Finding Photos



Finding 1108197 Additional Photo



Finding 1108197 Additional Photo



Finding 1108197 Additional Photo



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Finding 1108197 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108198 - N Coliseum Dr At Science Center (South Coliseum Side) Walkway from Science Center West to Bill Robertson Ln

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

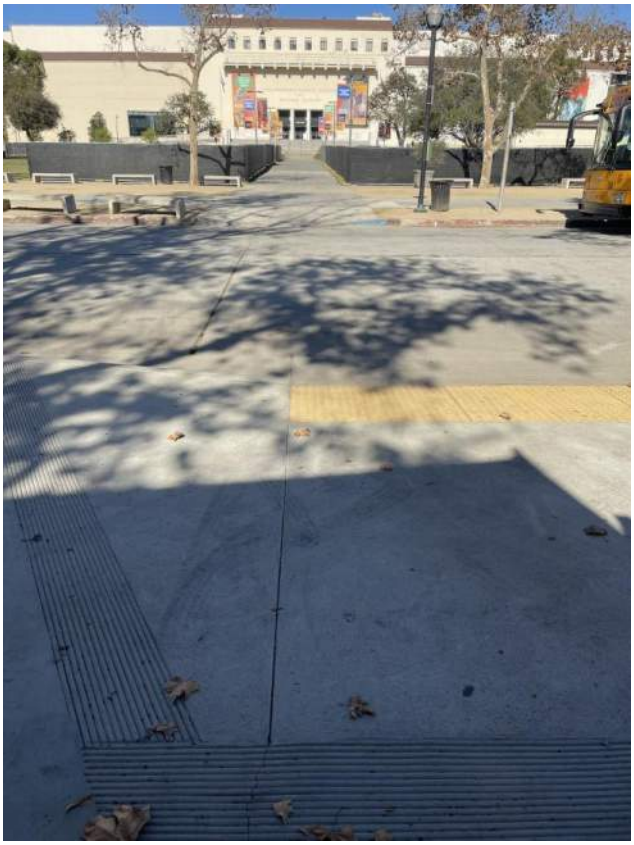
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

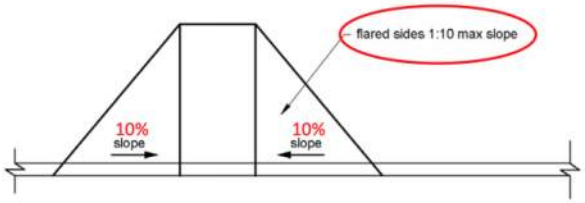
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108198 *(Continued)*



Finding 1108198 Main Photo



Finding: 1108198 Additional Finding Photos



Finding 1108198 Additional Photo



Finding 1108198 Additional Photo



Finding 1108198 Additional Photo



Finding 1108198 Additional Photo



Finding 1108198 Additional Photo



Finding 1108198 Additional Photo

Coliseum Main Drive MLK to Science Center and NHS

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108199 - N Coliseum Dr At Coliseum across form Natural History Museum

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108199 *(Continued)*



Finding 1108199 Main Photo

Finding: 1108199 Additional Finding Photos



Finding 1108199 Additional Photo



Finding 1108199 Additional Photo



Finding 1108199 Additional Photo



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Finding: 1108199 Additional Finding Photos



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Finding 1108199 Additional Photo



Finding 1108199 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108200 - S. Coliseum Drive at Christmas Tree Ln (BMO Side)

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108200 *(Continued)*



Finding 1108200 Main Photo

Finding: 1108200 Additional Finding Photos



Finding 1108200 Additional Photo



Finding 1108200 Additional Photo



Finding 1108200 Additional Photo



Finding 1108200 Additional Photo



Finding 1108200 Additional Photo



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Finding: 1108200 Additional Finding Photos



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Finding 1108200 Additional Photo

Finding: 1108200 Additional Finding Photos



Finding 1108200 Additional Photo



Finding 1108200 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108201 - S. Coliseum Drive at Christmas Tree Ln (BMO Side) at Figueroa

The detectable warning is missing at the curb ramp.

Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border.

Turn at face of Curb Ramp is also deteriorated and is a tripping hazard

2010 CBC 11B Section 1127B.5.7
Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall be slip-resistant and consist of raised truncated domes with a diameter of nominal 0.9 inch at the base tapering to 0.45 inch at the top, a height of nominal 0.2 inch and a center-to-center spacing of nominal 2.35 inches in compliance with Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.7	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108201 *(Continued)*



Finding 1108201 Main Photo

Finding: 1108201 Additional Finding Photos



Finding 1108201 Additional Photo



Finding 1108201 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108202 - S. Coliseum Drive at Walkway Christmas Tree Ln (BMO Side)

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

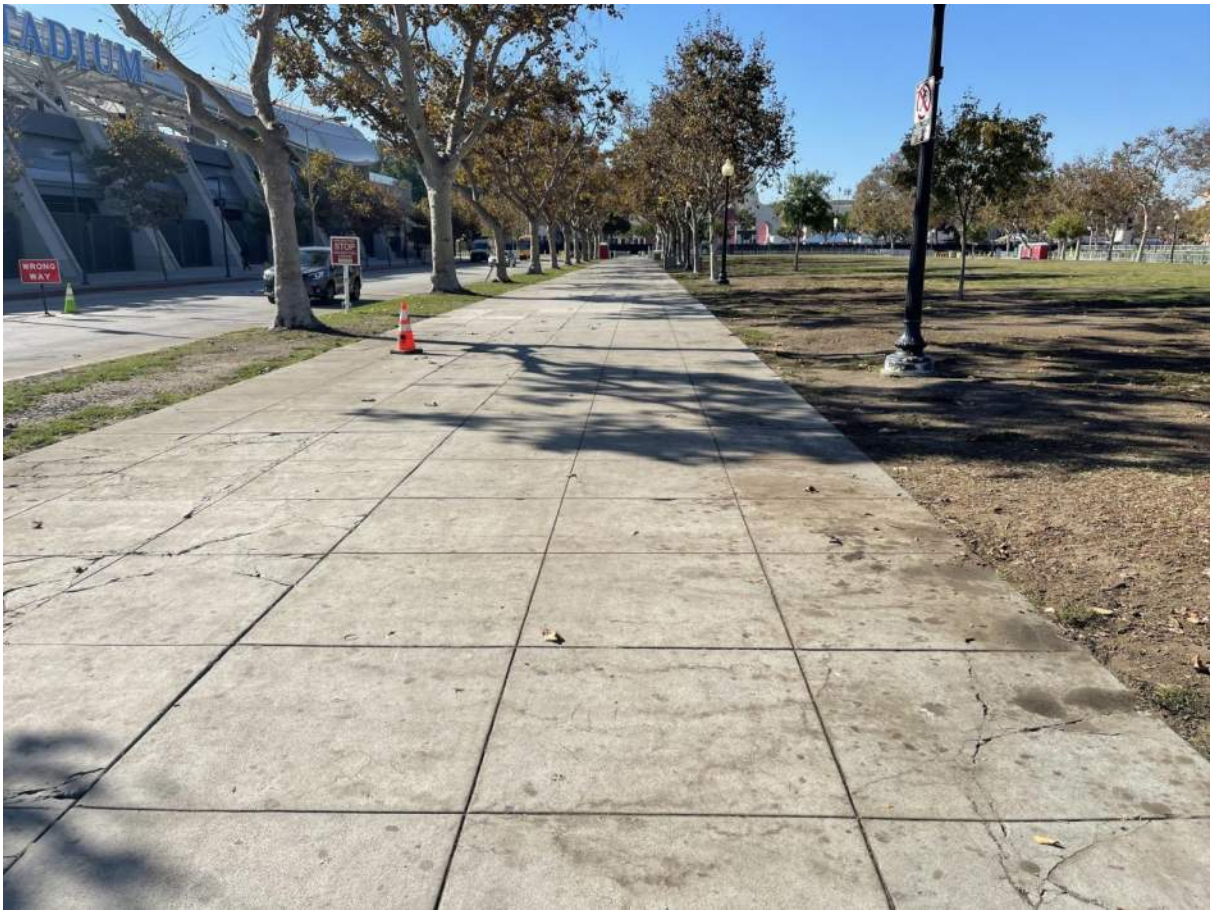
Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1108202 *(Continued)*



Finding 1108202 Main Photo

Finding: 1108202 Additional Finding Photos



Finding 1108202 Additional Photo



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Finding: 1108202 Additional Finding Photos



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Finding 1108202 Additional Photo



Finding 1108202 Additional Photo



Finding 1108202 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108203 - S. Coliseum Drive at Christmas Tree Ln (BMO Side) near Underground Parking Entry

The detectable warning is missing at the curb ramp.

Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border.

Turn at face of Curb Ramp is also deteriorated and is a tripping hazard

2010 CBC 11B Section 1127B.5.7
Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall be slip-resistant and consist of raised truncated domes with a diameter of nominal 0.9 inch at the base tapering to 0.45 inch at the top, a height of nominal 0.2 inch and a center-to-center spacing of nominal 2.35 inches in compliance with Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.7	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108203 *(Continued)*



Finding 1108203 Main Photo

Finding: 1108203 Additional Finding Photos



Finding 1108203 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108204 - N. Coliseum Drive at Christmas Tree Ln (Parking Structure Side) Coliseum to Figueroa

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

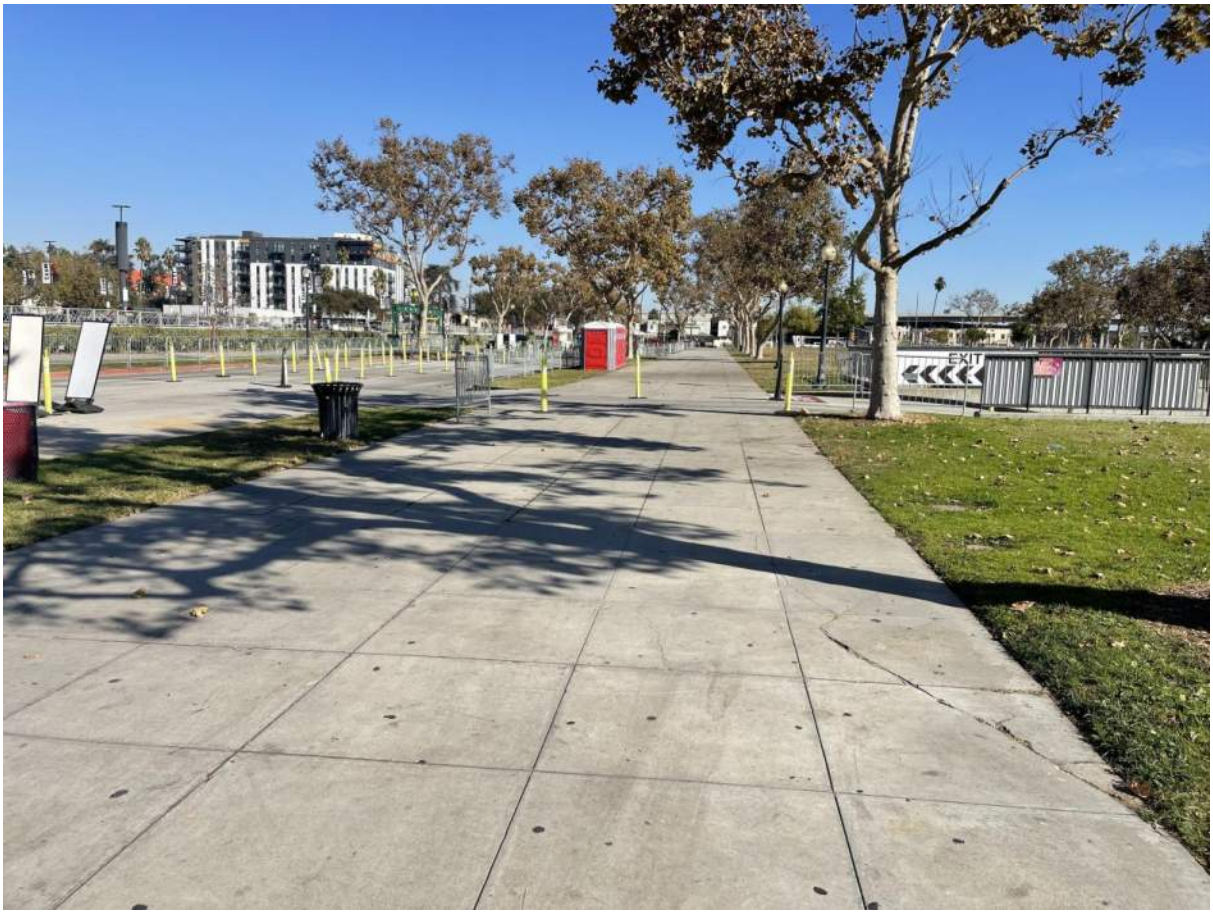
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108204 *(Continued)*



Finding 1108204 Main Photo

Finding: 1108204 Additional Finding Photos



Finding 1108204 Additional Photo



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Finding 1108204 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108205 - N. Coliseum Drive at Christmas Tree Ln (Parking Structure Side) Roadway Figueroa to Coliseum

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108205 *(Continued)*



Finding 1108205 Main Photo

Finding: 1108205 Additional Finding Photos



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Finding 1108205 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108206 - N. Coliseum Drive at Christmas Tree Ln (Parking Structure Side) Curb Ramp at Figueroa

The detectable warning is missing at the curb ramp.

Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border.

Turn at face of Curb Ramp is also deteriorated and is a tripping hazard

2010 CBC 11B Section 1127B.5.7
Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall be slip-resistant and consist of raised truncated domes with a diameter of nominal 0.9 inch at the base tapering to 0.45 inch at the top, a height of nominal 0.2 inch and a center-to-center spacing of nominal 2.35 inches in compliance with Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.7	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108206 *(Continued)*



Finding 1108206 Main Photo

Finding: 1108206 Additional Finding Photos



Finding 1108206 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108207 - N. Coliseum Drive at Christmas Tree Ln Crosswalk (Parking Structure Side) at Figueroa

Per CA MUTCD The marked crosswalk looks visually compliant.

When crosswalk lines are used, they shall consist of solid white lines that mark the crosswalk. They shall not be less than 12 inches or greater than 24 inches in width.

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**N/A**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108207 *(Continued)*



Finding 1108207 Main Photo

Finding: 1108207 Additional Finding Photos



Finding 1108207 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108208 - N. Coliseum Drive at (Parking Structure Side) Curb Ramp Walkway at Figueroa

The detectable warning is missing at the curb ramp.

Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border.

Turn at face of Curb Ramp is also deteriorated and is a tripping hazard

2010 CBC 11B Section 1127B.5.7
Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall be slip-resistant and consist of raised truncated domes with a diameter of nominal 0.9 inch at the base tapering to 0.45 inch at the top, a height of nominal 0.2 inch and a center-to-center spacing of nominal 2.35 inches in compliance with Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.7	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108208 *(Continued)*



Finding 1108208 Main Photo

Finding: 1108208 Additional Finding Photos



Finding 1108208 Additional Photo



Finding 1108208 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108209 - N. Coliseum Drive at (Parking Structure Side) Curb Ramp Sidewalk at Figueroa

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

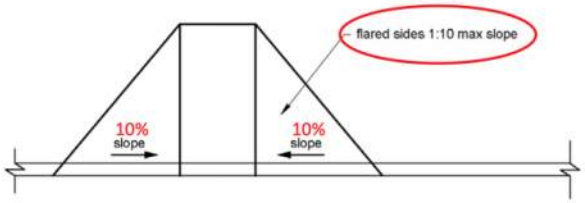
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108209 *(Continued)*



Finding 1108209 Main Photo



Finding: 1108209 Additional Finding Photos



Finding 1108209 Additional Photo



Finding 1108209 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108210 - N. Coliseum Drive at Parking Structure Side North Walkway at Figueroa

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108210 *(Continued)*



Finding 1108210 Main Photo

Finding: 1108210 Additional Finding Photos



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Finding 1108210 Additional Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108211 - N. Coliseum Drive at Figueroa Entry Sidewalk (Parking Structure Side)

The detectable warning is missing at the curb ramp.

Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border.

Turn at face of Curb Ramp is also deteriorated and is a tripping hazard

2010 CBC 11B Section 1127B.5.7
Curb ramps shall have a detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall be slip-resistant and consist of raised truncated domes with a diameter of nominal 0.9 inch at the base tapering to 0.45 inch at the top, a height of nominal 0.2 inch and a center-to-center spacing of nominal 2.35 inches in compliance with Figure 11B-23A. "Nominal" here shall be in accordance with Section 12-11A and B-102, State Referenced Standards Code. The detectable warning shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface. The domes may be constructed in a variety of methods, including cast in place or stamped, or may be part of a prefabricated surface treatment. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations (CCR), Title 24, Part 1, Articles 2, 3 and 4. Refer to CCR Title 24, Part 12, Chapter 12-11A and B, for building and facility access specifications for product approval for detectable warning products and directional surfaces. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect-Access Compliance, for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing, evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Citation:	As Built:
2010 CBC 11B Section: 1127B.5.7	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108211 *(Continued)*



Finding 1108211 Main Photo

Christmas Tree Lane (N and S Coliseum Drive) Figueroa to Coliseum

Lat/Long: [34.0162885, -118.2857696]

BFID: 1108212 - Accessible Gravel/ DG Path Parking Structure East N Coliseum Drive and Figueroa

The accessible route contains loose gravel and/or surface materials that do not provide for a stable, firm slip resistant surface.

Floor and ground surfaces shall be stable, firm, and slip resistant.

2010 CBC 11B Section 1124B.1
Ground and floor surfaces along accessible routes and in accessible rooms and spaces, including floors, walks, ramps, stairs and curb ramps, shall be stable, firm, slip resistant and shall comply with this section.

1991 ADAAG Section 4.5.1
General. Ground and floor surfaces along
accessible routes and in accessible rooms and spaces including floors, walks, ramps, stairs, and curb ramps, shall be stable, firm, slip- resistant, and shall comply with 4.5.

2022 CBC 11B (7/1/2024) Section 11B-302.1
Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with Section 11B-302.

Citation:	As Built:
2010 CBC 11B Section: 1124B.1	**N/A**
1991 ADAAG Section: 4.5.1	
2022 CBC 11B (7/1/2024) Section: 11B-302.1	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

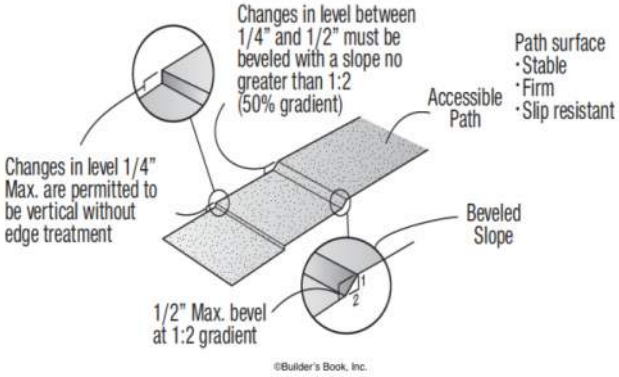
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1108212 *(Continued)*



Finding 1108212 Main Photo



Finding: 1108212 Additional Finding Photos



Finding 1108212 Additional Photo



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Finding: 1108212 Additional Finding Photos



Finding 1108212 Additional Photo



Finding 1108212 Additional Photo



Finding 1108212 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114532 - Natural History Museum Walkway adjacent to W 39th Street

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

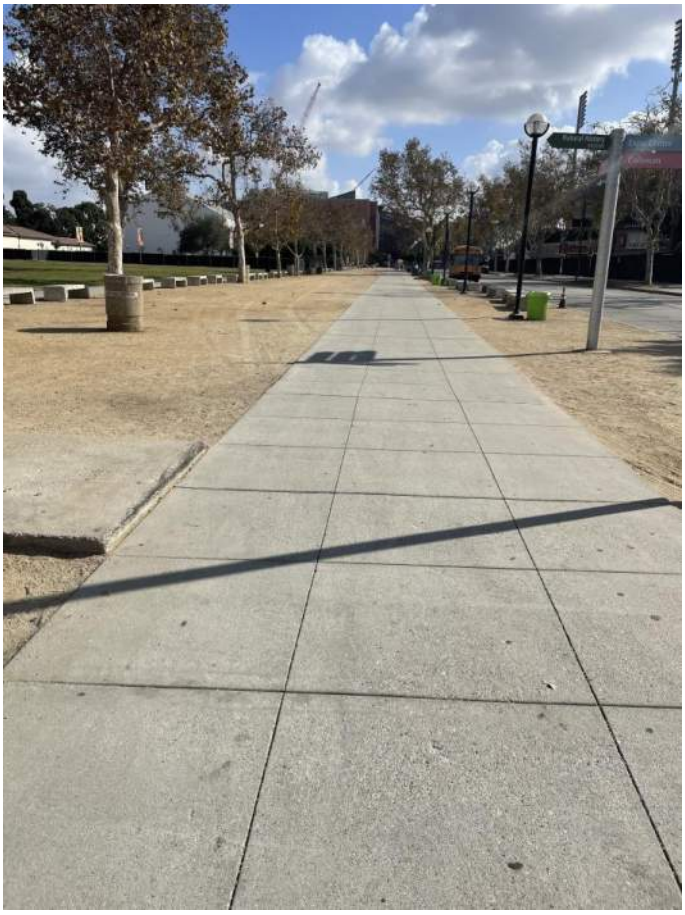
Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1114532 *(Continued)*



Finding 1114532 Main Photo

Finding: 1114532 Additional Finding Photos



Finding 1114532 Additional Photo



Finding 1114532 Additional Photo



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Finding 1114532 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114533 - Natural History Museum Inner (Northerly) Walkway adjacent to W 39th Street

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114533 *(Continued)*



Finding 1114533 Main Photo

Finding: 1114533 Additional Finding Photos



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo

Finding: 1114533 Additional Finding Photos



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



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Finding 1114533 Additional Photo



Finding 1114533 Additional Photo

Finding: 1114533 Additional Finding Photos



Finding 1114533 Additional Photo



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Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo

Finding: 1114533 Additional Finding Photos



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo



Finding 1114533 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114534 - Natural History Museum Walkway adjacent to W 39th Street - Curb Ramps

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend 36 inches in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches minimum and 8 inches maximum from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2.1
Detectable warnings at curb ramps shall extend 36 inches (914 mm) in the direction of travel. Detectable warnings shall extend the full width of the ramp run less 2 inches (51 mm) maximum on each side, excluding any flared sides. Detectable warnings shall be located so the edge nearest the curb is 6 inches (152 mm) minimum and 8 inches (203 mm) maximum from the demarcation line at the face of the curb between the curb and the gutter, street or highway.

2022 CBC 11B (7/1/2024) Section 11B-247.1.2.2
Curb ramps shall have detectable warnings complying with Sections 11B-705.1.1 and 11B-705.1.2.2.

2022 CBC 11B (7/1/2024) Section 11B-705.1.2.2
Detectable warnings at curb ramps shall comply with Section 11B-705.1.2.2.

Citation:

2022 CBC 11B (7/1/2024) Section: 11B-247.1.2.2, 11B-705.1.2.2.1, 11B-247.1.2.2, 11B-705.1.2.2

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

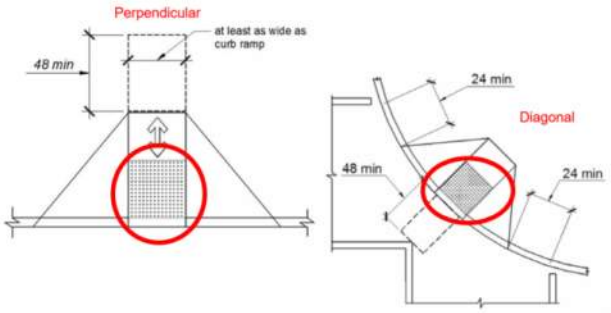
Estimated Remediation Date:

N/A

Notes:

N/A





Finding 1114534 Main Photo

Finding: 1114534 Additional Finding Photos



Finding 1114534 Additional Photo



Finding 1114534 Additional Photo



Finding 1114534 Additional Photo



Finding 1114534 Additional Photo



Finding 1114534 Additional Photo



Finding 1114534 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114535 - Natural History Museum Walkway adjacent to W 39th Street - Gravel Curb Ramp

The surface of the curb ramp is not firm, stable and/or slip resistant..

Floor and ground surfaces shall be stable, firm, and slip resistant.

2010 CBC 11B Section 1124B.1
Ground and floor surfaces along accessible routes and in accessible rooms and spaces, including floors, walks, ramps, stairs and curb ramps, shall be stable, firm, slip resistant and shall comply with this section.

1991 ADAAG Section 4.5.1
General. Ground and floor surfaces along
accessible routes and in accessible rooms and spaces including floors, walks, ramps, stairs, and curb ramps, shall be stable, firm, slip- resistant, and shall comply with 4.5.

2022 CBC 11B (7/1/2024) Section 11B-302.1
Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with Section 11B-302.

Citation:	As Built:
2010 CBC 11B Section: 1124B.1	**N/A**
1991 ADAAG Section: 4.5.1	
2022 CBC 11B (7/1/2024) Section: 11B-302.1	

Recommendation:
N/A - Refer to Finding

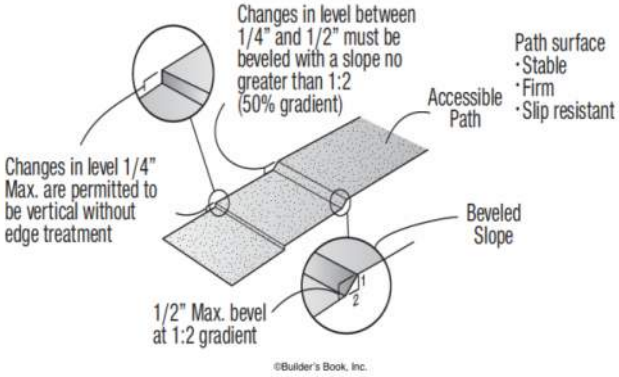
Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114535 *(Continued)*





Finding 1114535 Main Photo

Finding: 1114535 Additional Finding Photos



Finding 1114535 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114536 - Natural History Museum Walkway adjacent to W 39th Street - Main Curb Ramp at NHS Main Path

The curb ramp side flares exceed maximum slope allowances.

The sides of curb ramps (curb ramp flares) where provided, shall not be steeper than 1:10.

2010 CBC 11B Section 1133B.5.3
The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units' horizontal (8.33-percent slope). The maximum rise for any run shall be 30 inches. Examples of ramp dimensions are as follows:

1991 ADAAG Section 4.7.5
If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see Fig. 12(a)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see Fig. 12(b)).

2022 CBC 11B (7/1/2024) Section 11B-406.2.2
Where provided, curb ramp flares shall not be steeper than 1:10.

Citation:	As Built:
2010 CBC 11B Section: 1133B.5.3	**N/A**
1991 ADAAG Section: 4.7.5	
2022 CBC 11B (7/1/2024) Section: 11B-406.2.2	

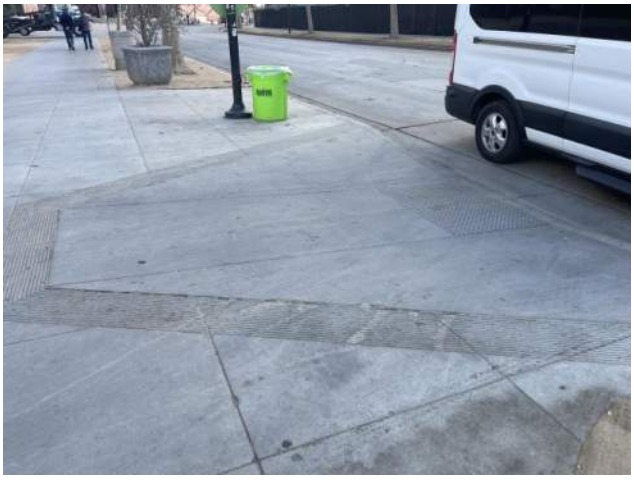
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

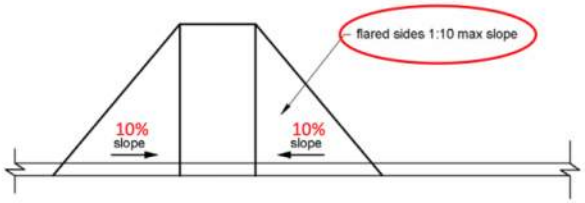
Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114536 *(Continued)*



Finding 1114536 Main Photo



Finding: 1114536 Additional Finding Photos



Finding 1114536 Additional Photo



Finding 1114536 Additional Photo



Finding 1114536 Additional Photo



Finding 1114536 Additional Photo



Finding 1114536 Additional Photo



Finding 1114536 Additional Photo



Finding 1114536 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114537 - Natural History Museum South Main Path to South Entry

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1114537 *(Continued)*



Finding 1114537 Main Photo

Finding: 1114537 Additional Finding Photos



Finding 1114537 Additional Photo



Finding 1114537 Additional Photo



Finding 1114537 Additional Photo



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Finding: 1114537 Additional Finding Photos



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Finding: 1114537 Additional Finding Photos



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Finding 1114537 Additional Photo



Finding 1114537 Additional Photo



Finding 1114537 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114539 - Natural History Museum South Path Parrallel to South Entry

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1114539 *(Continued)*



Finding 1114539 Main Photo

Finding: 1114539 Additional Finding Photos



Finding 1114539 Additional Photo



Finding 1114539 Additional Photo



Finding 1114539 Additional Photo



Finding 1114539 Additional Photo



Finding 1114539 Additional Photo



Finding 1114539 Additional Photo



Finding 1114539 Additional Photo



Finding 1114539 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114543 - Natural History Museum South Path Parallel to South Elevation towards Science Center

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114543 *(Continued)*



Finding 1114543 Main Photo

Finding: 1114543 Additional Finding Photos



Finding 1114543 Additional Photo



Finding 1114543 Additional Photo



Finding 1114543 Additional Photo



Finding 1114543 Additional Photo



Finding 1114543 Additional Photo



Finding 1114543 Additional Photo



Finding 1114543 Additional Photo



Finding 1114543 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114545 - Natural History Museum 2nd District Field Office Brick walkway

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1114545 *(Continued)*



Finding 1114545 Main Photo

Finding: 1114545 Additional Finding Photos



Finding 1114545 Additional Photo



Finding 1114545 Additional Photo



Finding 1114545 Additional Photo

Natural History Museum South

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114551 - Natural History Museum West Side - East Sidewalk Path Parallel to Bill Robertson Lane

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114551 *(Continued)*



Finding 1114551 Main Photo

Finding: 1114551 Additional Finding Photos



Finding 1114551 Additional Photo



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Finding: 1114551 Additional Finding Photos



Finding 1114551 Additional Photo



Finding 1114551 Additional Photo



Finding 1114551 Additional Photo

Jesse Brewer Park

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114557 - Jesse Brewer Park Main Walkway East to West

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1114557 *(Continued)*



Finding 1114557 Main Photo

Finding: 1114557 Additional Finding Photos



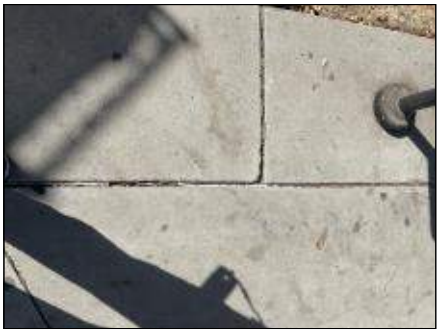
Finding 1114557 Additional Photo



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Finding: 1114557 Additional Finding Photos



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Finding 1114557 Additional Photo



Finding 1114557 Additional Photo



Finding 1114557 Additional Photo



Finding 1114557 Additional Photo

Jesse Brewer Park

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114558 - Jesse Brewer Park West Plaza at Exposition

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114558 *(Continued)*



Finding 1114558 Main Photo

Finding: 1114558 Additional Finding Photos



Finding 1114558 Additional Photo



Finding 1114558 Additional Photo



Finding 1114558 Additional Photo



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Finding: 1114558 Additional Finding Photos



Finding 1114558 Additional Photo



Finding 1114558 Additional Photo



Finding 1114558 Additional Photo



Finding 1114558 Additional Photo



Finding 1114558 Additional Photo



Finding 1114558 Additional Photo

Jesse Brewer Park

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114564 - Jesse Brewer Park Secondary Walkway North South Transitions from Solid Surface to DG

The walkway contains abrupt vertical edges and/or variations over 1/4 inch.

1/4 inch is the maximum vertical rise. Changes in level between 1/4 inch and 1/2 inch must be beveled at 1:2 or less.

Changes in level greater than 1/2 inch must be by way of a ramp.

2010 CBC 11B Section 1124B.2
Changes in level up to 1/4 inch may be vertical and without edge treatment [see Figure 11B-5E(c)]. Changes in level between 1/4 inch and 1/2 inch shall be beveled with a slope no greater than one unit vertical in 2 units horizontal (50-percent slope) [see Figure 11B-5E(d)]. Changes in level greater than 1/2 inch shall be accomplished by means of a curb ramp, ramp, elevator or platform lift that complies with Sections 1127B.5 (Curb ramps), 1133B.5 (Ramps), 1116B.1 (Elevators) or 1116B.2 (Platform (Wheelchair) lifts), respectively.

1991 ADAAG Section 4.5.2
Changes in level up to 1/4 in (6 mm) may be vertical and without edge treatment (see Fig. 7(c)). Changes in level between 1/4 in and 1/2 in (6 mm and 13 mm) shall be beveled with a slope no greater than 1:2 (see Fig. 7(d)). Changes in level greater than 1/2 in (13 mm) shall be accomplished by means of a ramp that complies with 4.7 or 4.8.

2022 CBC 11B (7/1/2024) Section 11B-303.2
Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical and without edge treatment.

2022 CBC 11B (7/1/2024) Section 11B-303.3
Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (12.7 mm) high maximum shall be beveled with a slope not steeper than 1:2.

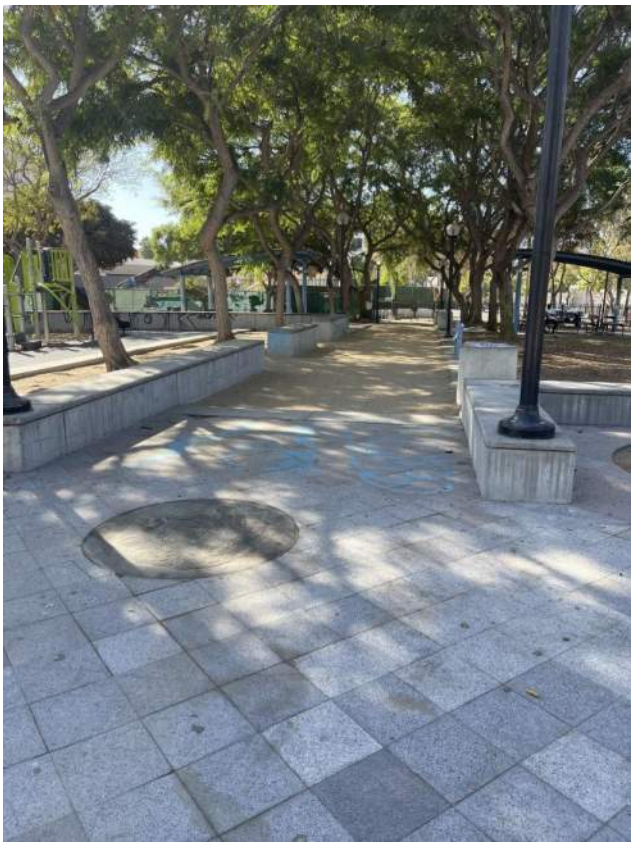
Citation:	As Built:
2010 CBC 11B Section: 1124B.2	**N/A**
1991 ADAAG Section: 4.5.2	
2022 CBC 11B (7/1/2024) Section: 11B-303.2, 11B-303.3	

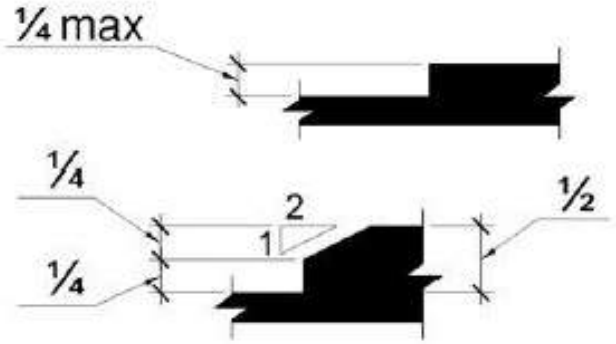
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A





Finding 1114564 Main Photo

Finding: 1114564 Additional Finding Photos



Finding 1114564 Additional Photo



Finding 1114564 Additional Photo



Finding 1114564 Additional Photo



Finding 1114564 Additional Photo



Finding 1114564 Additional Photo

Jesse Brewer Park

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114570 - Jesse Brewer Park Play areas

The walkway contains abrupt vertical edges and/or variations between 1/4 inch and 1/2 inch that are not beveled correctly.

1/4 inch is the maximum vertical rise. Changes in level between 1/4 inch and 1/2 inch must be beveled at 1:2 or less.

Changes in level greater than 1/2 inch must be by way of a ramp.

2010 CBC 11B Section 1124B.2
Changes in level up to 1/4 inch may be vertical and without edge treatment [see Figure 11B-5E(c)]. Changes in level between 1/4 inch and 1/2 inch shall be beveled with a slope no greater than one unit vertical in 2 units horizontal (50-percent slope) [see Figure 11B-5E(d)]. Changes in level greater than 1/2 inch shall be accomplished by means of a curb ramp, ramp, elevator or platform lift that complies with Sections 1127B.5 (Curb ramps), 1133B.5 (Ramps), 1116B.1 (Elevators) or 1116B.2 (Platform (Wheelchair) lifts), respectively.

1991 ADAAG Section 4.5.2
Changes in level up to 1/4 in (6 mm) may be vertical and without edge treatment (see Fig. 7(c)). Changes in level between 1/4 in and 1/2 in (6 mm and 13 mm) shall be beveled with a slope no greater than 1:2 (see Fig. 7(d)). Changes in level greater than 1/2 in (13 mm) shall be accomplished by means of a ramp that complies with 4.7 or 4.8.

2022 CBC 11B (7/1/2024) Section 11B-303.2
Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical and without edge treatment.

2022 CBC 11B (7/1/2024) Section 11B-303.3
Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (12.7 mm) high maximum shall be beveled with a slope not steeper than 1:2.

Citation:	As Built:
2010 CBC 11B Section: 1124B.2	**N/A**
1991 ADAAG Section: 4.5.2	
2022 CBC 11B (7/1/2024) Section: 11B-303.2, 11B-303.3	

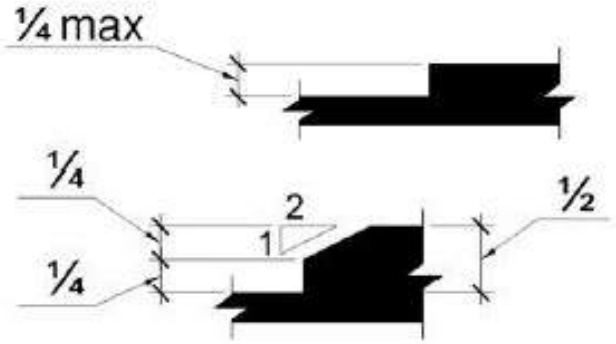
Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A





Finding 1114570 Main Photo

Finding: 1114570 Additional Finding Photos



Finding 1114570 Additional Photo



Finding 1114570 Additional Photo



Finding 1114570 Additional Photo

Jesse Brewer Park

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114571 - Jesse Brewer Park East Side Restrooms

The restroom is not nearly compliant.

The restroom does not have the required minimum clear floor space or maneuvering clearances for the toilet. The restroom does not have the required minimum clear floor space or maneuvering clearances for the lavatory. The entry door does not contain the required minimum maneuvering spaces on the pull/push sides. The entry door encroach into the required clear floor space for fixtures. Grab bars are missing and/or incorrectly installed. Accessories, such as toilet seat covers, paper towel holders, garbage cans, hand dryers, and mirrors are either too high or without clear floor space or both. The restroom contain floor level changes greater than a 1/2 inch of the floor drains

2010 CBC 11B Section 1115B.1
Bathing and toilet facilities that serve buildings, facilities or portions of buildings or facilities that are required by these standards to be accessible to persons with disabilities, shall be on an accessible route and shall conform to the following requirements. The accessible fixtures and controls required in this section shall be on an accessible route. An unobstructed turning space complying with Section 1115B.3.1, Item 1 (Multiple-accommodation toilet facilities - Wheelchair clearance), or Section 1115B.3.2, Item 1 (Single-accommodation toilet facilities - Wheelchair clearance), as applicable, shall be provided within an accessible toilet facility. The clear floor spaces at fixtures and controls, the accessible route and the turning space may overlap. See Section 1111B.4.6 (Bathrooms in hotels, motels, inns, dormitories, resorts, homeless shelters, halfway houses, transient group homes and similar places of transient lodging) and Chapter 11A for bathrooms in residential occupancies.

1991 ADAAG Section 4.1.2(6)
If toilet facilities are provided on a site, then each such public or common use toilet facility shall comply with 4.22. If bathing facilities are provided on a site, then each such public or common use bathing facility shall comply with 4.23. For single user portable toilet or bathing units clustered at a single location, at least five percent but no less than one toilet unit or bathing unit complying with 4.22 or 4.23 shall be installed at each cluster whenever typical inaccessible units are provided. Accessible units shall be identified by the International Symbol of Accessibility. EXCEPTION: Portable toilet units at construction sites used exclusively by construction personnel are not required to comply with 4.1.2(6).

2022 CBC 11B (7/1/2024) Section 11B-213.2
Where toilet rooms are provided, each toilet room shall comply with Section 11B-603. Where bathing rooms are provided, each bathing room shall comply with Section 11B-603.

Citation:	As Built:
2010 CBC 11B Section: 1115B.1 **1991 ADAAG Section: 4.1.2(6)** **2022 CBC 11B (7/1/2024) Section: 11B-213.2**	**Restrooms not accessible and locked. However based on size it appears these restrooms do not comply**

Recommendation:

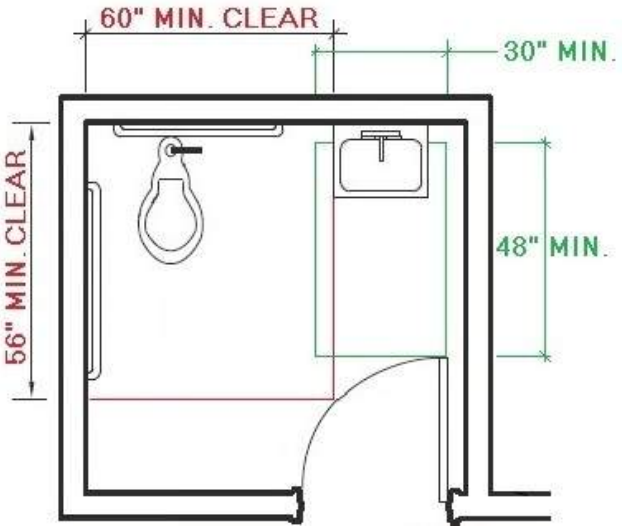
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A





Finding 1114571 Main Photo

Annenberg Bldg Street/ State Street/ State Street Airplane

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114575 - Street at Annenberg Bldg Between Exposition and State Street

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:

2022 CBC 11B (7/1/2024)
Section: 11B-403.1

As Built:

N/A

Recommendation:

N/A - Refer to Finding

Barrier Priority:

N/A

Estimated Remediation Date:

N/A

Notes:

N/A

Finding: 1114575 *(Continued)*



Finding 1114575 Main Photo

Finding: 1114575 Additional Finding Photos



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo

Finding: 1114575 Additional Finding Photos



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



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Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



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Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo

Finding: 1114575 Additional Finding Photos



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



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Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo

Finding: 1114575 Additional Finding Photos



Finding 1114575 Additional Photo



Finding 1114575 Additional Photo

Annenberg Bldg Street/ State Street/ State Street Airplane

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114573 - State Street North of Science Center

THE EXISTING ROADWAY SURFACE IS DETERIORATED AND HAS EITHER MULTIPLE POTHOLES. CRACKS, MISING SURFACE, UNSTABLE SURFACES, AND HAS PONDING ISSUES

2010 CBC 11B Section Advisory
None

1991 ADAAG Section Advisory
None

2022 CBC 11B (7/1/2024) Section Advisory
None

Citation:	As Built:
2010 CBC 11B Section: Advisory	**EXISTING ROADWAY CONDITION**
1991 ADAAG Section: Advisory	
2022 CBC 11B (7/1/2024) Section: Advisory	

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114573 *(Continued)*



Finding 1114573 Main Photo

Finding: 1114573 Additional Finding Photos



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo

Finding: 1114573 Additional Finding Photos



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo



Finding 1114573 Additional Photo

Annenberg Bldg Street/ State Street/ State Street Airplane

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114577 - Annenberg Bldg Street at East Entry to Rose garden

The stairway does not have handrails.

Stairways must have handrails on both sides.

Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground.

Top handrails shall extend 12 inches minimum beyond the top nosing and be parallel with the floor or ground.

Bottom landing handrail must extend a min. of 12 inches plus the tread width, beyond the bottom nosing.

One handrail shall be in the direction of the run of the stair and perpendicular to the stair nosing.

Handrails projecting from walls shall have a space of 1-1/2 inches minimum between the wall and the handrail.

2022 CBC 11B (7/1/2024) Section 11B-505.2
Handrails shall be provided on both sides of stairs and ramps.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-505.2	**N/A**

Recommendation:
N/A - Refer to Finding

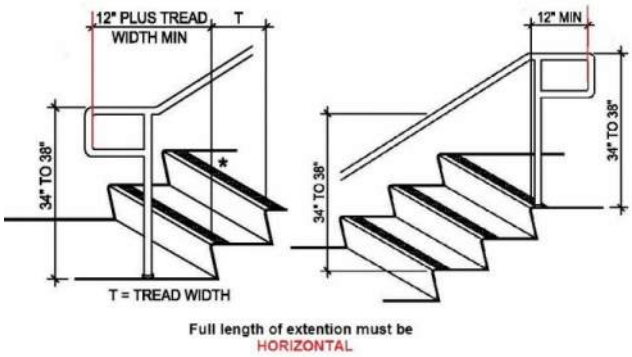
Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114577 *(Continued)*





Finding 1114577 Main Photo

Finding: 1114577 Additional Finding Photos



Finding 1114577 Additional Photo



Finding 1114577 Additional Photo



Finding 1114577 Additional Photo



Finding 1114577 Additional Photo



Finding 1114577 Additional Photo

Annenberg Bldg Street/ State Street/ State Street Airplane

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114666 - State Street Airplane Walkway at School Entry

The path of contains multiple issues and is not fully accessible.
It contains changes in level and/or gaps that exceed the allowable maximum requirements. (>1/4" vertical without a 2:1 bevel and >1/2" openings) The floor or ground surface is not firm, stable, and slip resistant at numerous locations

The route contains openings greater than 1/2 inch.
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Vertical obstructions greater than 1/4" present and must either be beveled or grounds down

2022 CBC 11B (7/1/2024) Section 11B-403.1
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-403.1	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114666 *(Continued)*



Finding 1114666 Main Photo

Finding: 1114666 Additional Finding Photos



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo



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Finding: 1114666 Additional Finding Photos



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Finding 1114666 Additional Photo

Finding: 1114666 Additional Finding Photos



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo



Finding 1114666 Additional Photo

Annenberg Bldg Street/ State Street/ State Street Airplane

Lat/Long: [34.0162885, -118.2857696]

BFID: 1114670 - State Street Airplane Walkway at School Entry - Curb Ramps

There are abrupt changes in level on the curb ramp, landing or turning space.

Changes in level other than the running slope and cross slope are not permitted on ramp runs.

2022 CBC 11B (7/1/2024) Section 11B-405.4
Floor or ground surfaces of ramp runs shall comply with Section 11B-302. Changes in level other than the running slope and cross slope are not permitted on ramp runs.

2022 CBC 11B (7/1/2024) Section 11B-406.5.4
Floor or ground surfaces of curb ramps and blended transitions shall comply with Section 11B-405.4.

Citation:	As Built:
2022 CBC 11B (7/1/2024) Section: 11B-405.4, 11B-406.5.4	**N/A**

Recommendation:
N/A - Refer to Finding

Barrier Priority:
N/A

Estimated Remediation Date:
N/A

Notes:
N/A

Finding: 1114670 *(Continued)*



Finding 1114670 Main Photo

Finding: 1114670 Additional Finding Photos



Finding 1114670 Additional Photo



Finding 1114670 Additional Photo



Finding 1114670 Additional Photo



Finding 1114670 Additional Photo



Finding 1114670 Additional Photo



Finding 1114670 Additional Photo



Finding 1114670 Additional Photo



Finding 1114670 Additional Photo

Finding: 1114670 Additional Finding Photos



Finding 1114670 Additional Photo

APPENDIX B

CIVIL SITE ASSESSMENT

7 March 2025

CIVIL SITE ASSESSMENT
700 EXPOSITION PARK DRIVE
LOS ANGELES, CA 90037

CIVIL SITE ASSESSMENT

Prepared for:

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
Project Management & Development Branch (PMDB)
707 Third Street, Fourth Floor
West Sacramento, California 96505

Prepared by:

JCCA
Architects · Engineers
385 Van Ness Avenue, Suite 208
Torrance, California 90501
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JCCA #24300-6

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INFORMATION SHEET

Project Title: Site Facility Assessment
Civil Site Assessment

Location: Exposition Park
700 Exposition Park Drive
Los Angeles, California 90037

State of California Team:

Department of General Services (DGS):

Shawn Goldsberry, Project Director II	(916) 534-9548	Shawn.Goldsberry@dgs.ca.gov

Consultant:

J.C. Chang & Associates, Inc.
385 Van Ness Avenue, Suite 208
Torrance, California 90501

Consultant Team:

Andrew Cooper, Project Engineer	(310) 212-7644 ext. 225	ACooper@jccainc.com

SECTION 1.0

EXECUTIVE SUMMARY

1.1 Pedestrian Site Paving

A. Pedestrian site paving was evaluated for compliance with California Building Code (CBC) accessibility standards as part of the Exterior Travel Path Survey and Site Accessibility Evaluation. The assessment identified multiple areas throughout the site that do not meet CBC accessibility requirements. A comprehensive analysis of these deficiencies, including their specific nature and locations, is documented in the Exterior Travel Path Survey and Site Accessibility Evaluation.

1.2 Vehicular Site Paving

A. Vehicular site paving throughout Exposition Park consist of a combination of concrete paved roadways and asphalt concrete paved roadways.

B. The concrete and asphalt concrete-paved roadways were found to be in deteriorated condition and require replacement. The roadways identified for reconstruction include Exposition Park Drive (from S Figueroa St to Bill Robertson Ln), S Hoover St (from W Martin Luther King Jr Blvd to S Coliseum Dr), and S Coliseum Dr (from S Hoover Ave to S Figueroa St). As part of the roadway replacement, all associated concrete curbs and gutters shall also be replaced.

C. Exposition Park contains multiple parking facilities, including Parking Lot 4, Parking Lot 5, Parking Lot 6, the VIP Parking Lot, and a visitor parking structure.

D. Parking Lots 4, 5, 6, and the VIP Parking Lot are surfaced with asphalt concrete. The condition assessments indicate that some lots require full replacement. Parking Lots 4 and 6 have reached the end of their service life and are recommended for complete removal and replacement. Parking Lot 5 and the VIP Parking Lot remain in satisfactory condition; however, a seal coat application and restriping are recommended to extend the lifespan of the existing asphalt pavement.

1.3 Storm Drain Piping

A. Stormwater within Exposition Park is collected and conveyed through a network of inlet structures and underground storm drain pipelines, ranging in diameter from 3 inches to 54 inches, with a total length of approximately 4,000 linear feet. Due to the aging infrastructure, many of these underground storm drain lines are approaching

or have reached the end of their service life and require rehabilitation or replacement.

B. The proposed improvements for the underground storm drain system include the excavation, removal, and replacement of deteriorated storm drain piping to restore functionality and compliance with current drainage standards.

C. Manholes, catch basins, and curb drain inlets that facilitate stormwater conveyance into the underground drainage system have also reached the end of their service life. It is recommended that all associated drainage structures be removed and replaced concurrently with the storm drain line replacement to ensure system integrity and performance.

1.4 Sanitary Sewer Piping

A. Sanitary waste within Exposition Park is collected and conveyed through a network of underground sanitary sewer pipelines, ranging in diameter from 4 inches to 44 inches, with a total length of approximately 8,000 linear feet. Due to the aging infrastructure, many of these underground sewer lines are approaching or have exceeded their service life and require rehabilitation or replacement.

B. The proposed improvements for the underground sanitary sewer system include the excavation, removal, and replacement of deteriorated sewer piping to restore system functionality and compliance with current standards.

C. Manholes and cleanouts associated with the sanitary sewer system have also reached the end of their service life. It is recommended that all manholes and cleanouts be removed and replaced concurrently with the sewer line replacement to ensure system reliability and performance.

1.5 Water Distribution Piping

A. Domestic and fire water distribution throughout Exposition Park is facilitated by a network of underground water pipelines ranging in diameter from 4 inches to 16 inches. A water infrastructure improvement project was completed around 1994, enhancing system reliability through additional pipelines. However, due to the age of the existing infrastructure, a significant portion of the underground water distribution system has likely reached the end of its service life and requires rehabilitation or replacement.

B. The proposed improvements for the underground domestic and fire water distribution system include the excavation, removal, and replacement of deteriorated domestic and fire water distribution piping to ensure system reliability and compliance with current

standards.

C. Valves, backflow preventers, and other appurtenances associated with the domestic and fire water distribution system have also reached the end of their service life. It is recommended that all such components be removed and replaced concurrently with the water pipeline replacement to maintain system functionality and regulatory compliance.

1.6 Natural Gas Distribution Piping

A. Natural gas is distributed throughout Exposition Park is facilitated by a network of underground gas pipelines ranging in diameter from 2 inches to 8 inches. A gas line infrastructure improvement project was completed around 1993, adding additional pipelines to enhance system reliability across the site. However, due to the age of the existing infrastructure, some of the underground gas lines have likely reached the end of their service life and require rehabilitation or replacement.

B. The proposed improvements for the underground gas distribution system include excavation, removal, and replacement of deteriorated natural gas piping to restore system integrity and compliance with current standards.

C. Valves and other appurtenances associated with the natural gas distribution system have also reached the end of their service life. It is recommended that all valves and appurtenances be removed and replaced in conjunction with the gas pipeline replacement to ensure safe and reliable operation of the system.

1.7 Miscellaneous Site Items

A. There is a concrete retaining wall north of the Rose Garden, along Exposition Blvd. The retaining wall is out of plumb and is leaning severely and has failed in some locations, posing a safety risk. It is recommended that the retaining wall at the Rose Garden be removed and replaced. It is noted that the historical nature of this wall must be taken into account during the design of the removal and replacement.

B. To enhance vehicular access within Exposition Park, it is recommended to install additional fencing and gates, including a combination of chain-link and ornamental steel fencing. The installation of manual and motorized vehicle gates at key locations throughout the site is also recommended to regulate vehicle access and improve circulation within the park.

C. To bolster security at Exposition Park, it is recommended to install additional bollards at strategic locations along S Figueroa St. These bollards will serve to prevent unauthorized vehicle entry through access points, thereby protecting

pedestrians from potential hazards posed by vehicles attempting to enter the park through unauthorized routes.

SECTION 2.0

SITE PAVING

2.1 Pedestrian Site Paving

A. Pedestrian site paving was assessed for California Building Code accessibility compliance as part of the Exterior Travel Path of Survey, Site Accessibility Evaluation. Numerous areas throughout the side were found to be not in compliance with the California Building Code accessibility requirements. A detailed description of the nature of these deficiencies can be found in the Exterior Travel Path of Survey, Site Accessibility Evaluation.

2.2 Vehicular Site Paving

A. Vehicular site paving throughout Exposition Park consists of a combination of concrete-paved roadways and asphalt concrete-paved roadways. These roadways serve as primary access routes for visitors, event attendees, and staff, accommodating a variety of vehicle types.

B. A pavement condition assessment determined that several concrete and asphalt-paved roadways are in disrepair and require full replacement. The roadways identified for reconstruction include:

1. Exposition Park Dr – from S Figueroa St to Bill Robertson Ln
2. S Hoover St – from W Martin Luther King Jr Blvd to S Coliseum Dr
3. S Coliseum Dr – from S Hoover Ave to S Figueroa St

All associated concrete curbs and gutters within these roadway segments will be removed and replaced as part of the improvement project. The new pavement design will be developed to meet current traffic load demands, drainage considerations, and long-term sustainability. Additionally, improvements will include updated signage, pavement markings, and accessibility enhancements to meet ADA compliance standards.

C. Exposition Park features multiple parking facilities to accommodate visitors and staff. The designated parking areas include:

1. Parking Lot 4
2. Parking Lot 5

3. Parking Lot 6
4. VIP Parking Lot
5. Visitor Parking Structure

D. The parking lot pavement conditions vary throughout the park, requiring different levels of maintenance and rehabilitation:

1. Parking Lot 4 and Parking Lot 6: These lots have reached the end of their useful lifespan and are recommended for complete removal and replacement. The new pavement design will focus on durability and improved drainage to extend the longevity of the lots.
2. Parking Lot 5 and VIP Parking Lot: These lots were found to be in satisfactory condition but require preventative maintenance. To extend their lifespan, they are recommended for seal coating and restriping, ensuring continued functionality and improved aesthetics.

SECTION 3.0

STORM DRAIN SYSTEM

3.1 Storm Drain System

A. Stormwater is collected and conveyed throughout Exposition Park through a network of stormwater inlet devices and underground storm drain lines. These drain lines vary in size, ranging from 3 inches to 54 inches in diameter, with a total network length of approximately 4,000 linear feet. Due to the age of the existing infrastructure, many of these underground storm drain lines are nearing or have already reached the end of their useful lifespan. As a result, the system is experiencing reduced efficiency, increased maintenance requirements, and a higher risk of failures such as blockages, leaks, or structural collapses. To ensure continued functionality and prevent potential flooding or environmental hazards, these aging storm drain lines require either rehabilitation through relining techniques or complete replacement with modern materials that offer greater durability and capacity.

B. The recommended underground storm drain line improvements consist of excavation, trenching, and removal of deteriorated or undersized storm drain piping. These outdated pipes will be replaced with new, high-performance materials, depending on site-specific conditions and engineering requirements. The new drainage infrastructure will be designed to meet current hydraulic capacity needs, improve resilience to extreme weather events, and reduce long-term maintenance costs.

C. In addition to underground storm drain line replacements, various surface-level stormwater management structures, including manholes, catch basins, and curb drain inlets, have also reached the end of their functional lifespan. Many of these components exhibit signs of structural degradation, such as cracking, sediment buildup, and inefficient water conveyance, leading to potential localized flooding or erosion. To maintain system performance and ensure compliance with current stormwater management regulations, it is recommended that all existing manholes, catch basins, and curb drain inlets associated with the underground storm drain system be removed and replaced. These new structures will be designed with improved accessibility for maintenance, enhanced debris and sediment capture features, and materials resistant to long-term environmental exposure. The installation of modernized stormwater inlet devices will contribute to a more

effective and sustainable drainage system, reducing the likelihood of stormwater backups and improving overall site water management.

SECTION 4.0

SANITARY SEWER SYSTEM

4.1 Sanitary Sewer System

A. Sanitary waste is collected and conveyed throughout Exposition Park through a network of underground sanitary sewer lines, ranging in size from 4 inches to 44 inches, with a total length of approximately 8,000 linear feet. Due to the age of the existing infrastructure, many of these underground sanitary sewer lines are nearing or have already reached the end of their useful lifespan. As a result, they are increasingly susceptible to deterioration, leaks, blockages, and structural failures, which can lead to service disruptions, environmental concerns, and costly emergency repairs. Rehabilitation or full replacement of these aging sewer lines is necessary to ensure long-term reliability, improve flow capacity, and support future demands within the park.

B. The recommended underground sanitary sewer line improvements consist of trenching, removing, and replacing existing underground sanitary sewer piping with modern, durable materials designed to enhance longevity and performance. Various construction methods, including open-cut trenching, cured-in-place pipe (CIPP) lining, and trenchless technologies, will be evaluated to determine the most efficient and least disruptive approach for each segment.

C. Manholes and cleanouts associated with the sanitary sewer system have also reached the end of their useful lifespan, exhibiting signs of structural deterioration, infiltration, and corrosion. It is recommended that all existing manholes and cleanouts be removed and replaced as part of the sanitary sewer replacement construction. New manholes will be designed to meet current standards, improve access for maintenance personnel, and enhance system capabilities. Materials such as precast concrete or polymer-lined structures shall be considered to improve durability and resistance to corrosion. Properly spaced cleanouts shall be installed to facilitate cleaning, and maintenance, reducing the likelihood of sewer blockages and improving the long-term reliability of the system.

SECTION 5.0

WATER DISTRIBUTION SYSTEM

5.1 Water Distribution System

A. Domestic water is distributed throughout Exposition Park via a network of underground water pipes ranging in size from 4 inches to 16 inches. A water piping improvement project was carried out around 1994, adding more lines to enhance system reliability and ensure adequate water supply across the site. However, due to the age of the existing infrastructure, much of the underground water distribution piping has likely reached the end of its useful lifespan. This aging infrastructure may lead to increased maintenance costs, potential leaks, reduced water pressure, and a higher risk of failure. To maintain system integrity and ensure a reliable water supply, the rehabilitation or replacement of these aging pipes is recommended.

B. The proposed underground water distribution piping improvements consist of trenching, removing, and replacing aging domestic and fire water distribution piping. This process will involve excavating areas where existing pipes are deteriorated, installing new piping that meets current standards, and backfilling to restore surface conditions. Additionally, any necessary realignment of piping to improve hydraulic efficiency and system redundancy should be considered as part of the improvement plan. Proper phasing and coordination will be essential to minimize disruptions to park operations and ensure continued water service during construction.

C. Valves, backflow preventers, and associated appurtenances within the domestic and fire water distribution system have also reached the end of their useful lifespan. Many of these components are critical for controlling water flow, preventing contamination, and ensuring fire suppression systems operate effectively. It is recommended that all valves, backflow preventers, and related appurtenances be removed and replaced in conjunction with the water piping replacement project. This will not only improve system reliability but also enhance compliance with current regulations and industry standards. The installation of new components will contribute to long-term operational efficiency and reduce the likelihood of system failures or emergency repairs in the future.

SECTION 6.0

NATURAL GAS DISTRIBUTION SYSTEM

6.1 Natural Gas Distribution System

A. Natural gas is distributed throughout Exposition Park via an extensive network of underground gas lines, ranging in size from 2 inches to 8 inches. This infrastructure was originally installed to support the site's energy needs, and a gas line improvement project was carried out around 1993. The project added additional gas lines to increase the system's reliability and capacity, allowing for more efficient distribution across the park. However, due to the age of the existing infrastructure, some of these underground gas lines may have reached the end of their useful lifespan. Over time, natural wear and tear, corrosion, and other factors can cause these pipes to degrade, leading to inefficiencies or safety concerns. As a result, many of the lines are now in need of rehabilitation or full replacement to ensure continued safety, reliability, and efficiency in the natural gas distribution system.

B. The recommended improvements to the underground gas lines involve trenching, removal of outdated and deteriorated piping, and replacement with new gas lines. This process will involve excavation and removal of the existing infrastructure. The improvements will significantly enhance the reliability of the gas distribution network, reducing the likelihood of service interruptions or potential hazards.

C. Isolation valves and pressure reducing valves within the natural gas distribution system have also reached the end of their useful lifespan. Many of these components are critical for controlling gas flow and pressure, and ensuring systems operate effectively. It is recommended that all isolation valves and pressure reducing valves be removed and replaced in conjunction with the gas piping replacement. The installation of new components will contribute to long-term operational efficiency and reduce the likelihood of system failures or emergency repairs in the future.

SECTION 7.0

MISCELLANEOUS ITEMS

7.1 Miscellaneous Items

A. The concrete retaining wall located north of the Rose Garden along Exposition Blvd. exhibits significant structural instability, with noticeable leaning, displacement, and visible cracks. In several areas, the wall has partially or fully failed, posing a safety hazard to pedestrians and park visitors. Factors such as prolonged water intrusion, soil pressure, and tree root growth may have contributed to the deterioration. Given its compromised condition, complete removal and replacement of the retaining wall is recommended. Material selection should align with the aesthetic integrity of the park while ensuring long-term durability. Coordination with historical preservation authorities may also be necessary if the wall has any heritage significance.

B. To enhance traffic control and regulate vehicular access within Exposition Park, the installation of additional fencing and motorized vehicle gates is proposed. A combination of chain-link fencing for security and ornamental steel fencing for aesthetics should be strategically placed to restrict unauthorized access while maintaining the park's visual appeal. The proposed fencing and gate installations should be designed to blend seamlessly with the existing park infrastructure while providing a functional and secure access control solution.

C. Security enhancements along S Figueroa St should include the installation of impact-resistant bollards to prevent unauthorized vehicle access and improve pedestrian safety. The bollards should be strategically placed at all vulnerable entry points while maintaining pedestrian mobility and compliance with ADA accessibility requirements. A combination of fixed and retractable bollards is recommended to ensure flexibility for maintenance and emergency vehicle access. Materials such as reinforced concrete or steel should be used to provide maximum protection against vehicular impact. Aesthetic considerations should also be taken into account, with options for decorative covers or integrated landscaping elements such as planters to enhance the visual appeal of the area.

APPENDIX C

ELECTRICAL SITE ASSESSMENT

3 March 2025

ELECTRICAL SITE ASSESSMENT
EXPOSITION PARK
LOS ANGELES, CALIFORNIA

ELECTRICAL SITE ASSESSMENT

Prepared for:

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
Project Management & Development Branch (PMDB)
707 Third Street, Fourth Floor
West Sacramento, California 96505

Prepared by:

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JCCA #24300-6

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5.1 Existing Site Security Electronics

5.2 Proposed Improvements

5.3 Future Considerations

Appendices

A. Photographs

INFORMATION SHEET

Project Title: Site Facility Assessment
Electrical Site Assessment

Location: Exposition Park
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Los Angeles, California 90037

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SECTION 1.0

EXECUTIVE SUMMARY

1.1 Power

A. A site power system upgrade is not proposed in this study. The information below describes the existing site power systems and opportunities for improvement in future projects.

B. The site power distribution at Exposition Park is mostly comprised of medium-voltage utility power lines. These power lines are owned by the utility company (LADWP) and are not anticipated to be part of site improvements for this project.

C. The utility lines terminate in individual utility substations and transformers that serve various state owned and tenant occupied buildings. Generally speaking, each building (whether state owned or tenant occupied) is served by an individual utility substation or transformer. The substations and transformers are typically located adjacent to each building and are not anticipated to be part of site improvements for this project.

D. The existing site power system is not readily suitable for sustainable design projects such as introducing a large number of electrical vehicle charging stations or integrating a large solar system. The limits are related to the utility power system, therefore collaboration with the power utility company will be required for such projects in the future

1.2 Lighting

A. The proposed improvement in this study is replacing all site lighting poles and fixtures, along with significant portions of the wiring system.

B. The existing site lighting at exposition park are a mixture of old high-intensity discharge (HID) lighting and older generation LEDs. The lighting poles are aged and many are in poor condition.

C. The wiring system for the lights are an aging system. Most portions seem to be original to construction, dating back several decades.

D. The replacement lighting will utilize modern LED which provide better quality lighting while consuming less energy, improving the site aesthetics and reducing energy usage.

E. The improved lighting system is also related to life and safety as well as site security. Well-lit outdoor walkways and roadways improve visibility for the purpose of general circulation. Furthermore, during an emergency incident, well-lit outdoor lighting is necessary for visitors and staff to exit safely to the egress discharge of each building and travel to a safe disposal area. In addition, ample levels of lighting are recognized as a deterrent in the context of public safety.

F. The new replacement poles will minimize any opportunities for pedestrians to intentionally or unintentionally access live electrical wiring which could be harmful.

1.3 Telecommunications

A. The proposed improvement in this study is installation of underground conduit systems for use by various site security and electronics systems. The cost estimate includes two 4" and two 2" conduit systems. The conduit systems could be utilized for telecommunications as well as security electronic systems. Likely future telecommunication systems include fiber optic backbone wiring for use in telecommunication system, or be utilized to facilitate data transmission for security electronics systems.

1.4 Security Electronics

A. The proposed improvement in this study is installation of underground conduit systems for use by various site security and electronics systems. The cost estimate includes two 4" and two 2" conduit systems. The conduit systems could be utilized for telecommunications as well as security electronic systems. Likely future uses for security electronics include expansion of camera systems, electronic signage and wayfinding devices, and fire alarm networks to integrate site fire alarm systems.

B. The existing site is not equipped with electronic signage and wayfinding devices. These types of devices are likely desirable for future events and will be proposed to be installed in the near future as a part of a separate project.

C. The site electronic security system is comprised of cameras located strategically throughout the site. The site main security command center is located in the lower levels of the Annenberg Building. A partial upgrade was recently performed on the camera security system, with new cameras replacing older models and a number of cameras being added throughout the site. However additional cameras would be desirable to provide a more comprehensive security coverage.

A. Fire alarm systems are generally indoor systems that provide detection and notification coverage within each building. The building interior systems are not a

part of this site study. However, the state owned building fire alarm systems report to annunciators located in the site main security command center described above. Each individual building reports to an outside central monitoring station using phone dialers, which is used for fire department dispatch. In the future, the conduits proposed in this study can be utilized to create a site alarm system for additional capabilities and integration at a central on-site location.

SECTION 2.0

POWER

2.1 Existing Utility Power Distribution

A. The exiting utility power is provided by Los Angeles Department of Water and Power (LADWP).

B. The existing conditions were studied based on limited available record documents and multiple surveys of the aboveground conditions. It should be noted that the records of underground utility systems are rather limited, with the latest records that show the entire site system being dated in the early 1990's. Therefore, certain assumptions have been made in the writing of this report, such as voltage classes of the incoming lines for substations and transformers.

C. North Side

1. The utility power main incoming lines for the northern half of the site seems to emanate from Exposition Blvd at the intersection of Bill Robertson Lane. The voltage class is medium-voltage. The record documents mention a 35 kV Class (34.5 kV) incoming system, while markings on the substations on site mention other classes such as 5kV Class.

2. The north site main incoming lines continue south and turn east, near or through the South Lawn of the Los Angeles County Museum of Natural History. The north site main incoming lines then continue to be routed east, feeding the various building on the north site of the site, including the Coliseum north side, the California Science Center, the California African American Museum (CAAM), the Blue Parking Structure, and the Annenberg Building.

D. South Side

1. The utility power main incoming lines for the southern half of the site are less clearly shown on records, but seem to be a similar voltage class and emanating from Martin Luther King Blvd at the intersection of Southern Hoovert street.

2. The south site main incoming lines are continue north through Hoover street and split to east and west. Thes south incoming lines feed the various building on the south site of the site, including the Coliseum south side, the

Pink Lot, the Gold Lot, the Yellow Lot, and the Green Lot, as well as the BMO Stadium.

2.2 Existing Substations and Transformers

A. The utility power incoming lines feed various substations and transformers throughout the site for both state owned and tenant occupied buildings. Since the utility substations and transformers are located adjacent to each building, and the incoming lines are utility owned, this study does not propose improvements related to those systems. Any future site power increase projects would involve significant collaboration with LADWP to relocate or upsize utility lines, as well as provisions for temporary power, which could be supplied using temporary utility power service systems or temporary power generation systems.

B. Substations

1. The substations are typically utility specifications concrete/CMU buildings although others some are open air installations as described below. The substations typically consist of medium-voltage line-interrupter switchgear and substation style transformers, as well as secondary distribution along with the associated primary and secondary conduit and feeder systems.

2. These substations typically serve larger building and facilities on the site. The following substations were observed during site visits at the locations described below.

   a. Los Angeles County Natural History Museum: the substation is located in the north-west corner just outside of the building near the parking and loading area, facing Bill Robertson Lane. The substation is an indoor type, inside a concrete/CMU utility building.

   b. Coliseum North Side: the north substation is located on the north side of the facility, almost centered on the length of the building, facing Exposition Park Drive. The substation is an outdoor type, utilizing enclosed equipment in a chainlink enclosure.

   c. California Science Center: the substation is located in the south-west corner just outside of the building, facing Exposition Park Drive. The substation an indoor type, inside a concrete/CMU utility building.

   d. Annenberg Building: the substation is located on the south-east corner , facing State Drive and the circular road. The substation is an outdoor type, utilizing enclosed equipment in a chainlink enclosure.

e. Coliseum South Side: the south substation is located on the south-east side of the facility, facing South Hoover Street. The substation is an outdoor type, utilizing enclosed equipment in a chainlink enclosure.

f. BMO Stadium: the substation is located on the south-west corner of the facility, facing the Gold Lot. The substation is an outdoor type, utilizing enclosed equipment in yard type area constructed using concrete/CMU walls and metallic fences with gates.

C. Transformers

1. The transformers are typically compartmentalized, pad-mount style transformer consisting of a primary switch compartment, transformer compartment, and secondary outgoing compartment. These units are typically mounted on concrete pads, located immediately outside the building and area that are being served. In some cases, there are secondary distribution switchboards nearby that distribute power to downstream loads being served by the transformer.

2. The transformers typically serve smaller building or outdoor facilities, such as parking. The following transformers were observed during site visits at the locations described below.

a. California African American Museum (CAAM): the transformer is located just to the north of the north-east corner of the building, facing State Street. The installation consists of a transformer only, which served the main switchboard inside the building.

b. Blue Parking Structure: the transformer is located on the north-east side of the parking lot, about three quarters of the length of the lot from west to east, facing the south side of CAAM. corner of the parking lot, facing South Hoover Street. The installation consists of a transformer only, which served the main switchboard located in the lower levels of the parking structure.

c. Gold Lot: the transformer is located on the south-west corner of the parking lot, facing South Hoover Street. There is a secondary distribution switchboard located adjacent to the switchboard. The switchboard interior could not be accessed during the site visit, but it appeared that the switchboard serves the other parking lots nearby as well, including the Pink, Yellow, and Green Lots.

2.3 Future Considerations

A. Based on discussions on site and the State and the Governor's sustainability and green energy roadmap, this report includes a brief discussion for future consideration in relation to site power upgrades.

B. The existing site utility power system distributes power to each state and tenant space individually. Based on available records, the site utility power distribution system is unlikely to have been upgraded for many years. The most recent records date back to the early 1990's.

C. The considerations below are based on limited discussions on site, the available records, and a general understanding of impacts of sustainable design in similar facilities in recent or ongoing projects. These considerations must be verified in greater depth and detail in future projects to create design documents.

D. Electric vehicle charging stations are a significant element for sustainability, but they usually require an electrical infrastructure upgrade in aging sites. Most importantly, the LADWP owned substation upstream of the site is unlikely to have been constructed with adequate capacity to serve a large number of electrical vehicle charging stations. In other similar facilities, upgrades to the upstream utility substation requires considerable time and effort for all parties, including the State, the utility company, and the design team.

E. Solar power installations are another key element in sustainable design. Similar to the reasoning above, it is unlikely that the existing utility systems have the provisions and capability require for integration of a solar system. It is likely that upgrades or modification to the service equipment as well as the upstream utility owned substation may be required.

SECTION 3.0

LIGHTING

3.1 Existing Site Lighting Systems

A. The existing site lighting system at exposition park consist of a mixture of various ages and styles of fixtures.

B. Some of the fixtures are high-intensity discharge (HID), likely high-pressure sodium (HPS) type based on visual observation from the grade level. The HID lighting fixtures are typically mounted on older style lighting poles that dates back to 1980's or prior. Some of the poles are metallic while others are concrete type. The concrete poles are generally occurring in the Rose Garden area.

C. Other fixtures are older generation LED type lighting. These lighting fixtures are mounted on more modern metallic poles, which are similar, but not identical, in style to the HID lighting poles.

D. The newest LED lights are located in the parking lot areas, such as the Blue Parking Structure. These lighting fixtures are mounted on modern circular metallic poles with concrete bases that are partially above ground, as is often seen in parking lot applications.

E. The existing HID are obsolete or well-past age of useful life. The older generation LED are likely not past age of useful life, but they are older generation of LEDs that often do not produce the same quality of light as the newer generations. The mismatched fixture types are also not aesthetically pleasing as the light color produces by the different technologies look different, and the mismatched lighting poles are installed in adjacent locations near walkways and roadway, which prevents the site lighting from presenting a uniform or coordinated visual effect.

F. The older existing lighting poles, in particular the poles with HID lighting, have been subject to vandalism in the recent past. Some visitors have disconnected parts of the wiring connected to the poles. The intention was unclear based on verbal discussions on site, but could include intention to disrupt the lighting or to cut out copper wiring to be sold as salvaged materials.

3.2 Proposed Improvements

A. Proposed improvements include new lighting fixtures and poles for Exposition Park Drive, including Christmas Tree Lane at the main entry to the site, as well as the

portions encircling the Coliseum. New lighting fixtures and poles are also proposed for South Hoover Street and the Rose Garden areas.

B. The lighting along Exposition Drive and South Hoover Street will utilize multiple heads to allow for both roadway and walkway lighting, improving both vehicular and pedestrian safety. The lighting fixtures will be mounted on modern metallic poles. The aesthetics of the fixtures and poles will be determined in the design stage and will be selected to fit the overall aesthetics of the site.

C. The lighting for the Rose Garden area will likely be aesthetically different than the roadway and walkways adjacent to the roads. The lighting fixtures will likely be selected to more closely resemble the park like environment. Similar, the lighting poles will be selected in the context of the existing rose garden surroundings. The exact type of materials will be determined in the design stage but could utilize either metallic decorative poles or concrete poles to be similar to the existing concrete installation.

D. The site lighting wiring and conduit systems are an aging system, therefore significant portions of the site lighting wiring and conduit systems are proposed to be replaced. The replacement of the wiring system will improve the longevity and functionality of the lighting system. In addition, the replacement conduit system will allow for a more secure installation to prevent issues with wiring being intercepted without permission.

E. Proposed LED Lighting Technology Characteristics

1. The new lighting fixtures will utilize the latest in LED technology which provides various benefits.

2. The new LED technology has greater longevity, often rated for 50,000 hours of use or longer, leading to lower maintenance cost and greater return on investment over the lifetime.

3. These modern fixtures also deliver higher lumens per wattage, allowing for a more energy efficient installation that further enhances returns on investment.

4. The quality of the lighting itself is also superior to older generations of lighting, in particular to older HID lighting. For example, the Color Rendering Index (CRI) for LED lighting can be rated +90 CRI compared to CRI of 25 to 40 for HPS fixtures, which results in the visitors observing colors more clearly.

F. Proposed Lighting Impact on Safety and Security

1. The improved lumen delivery and color rending capabilities of these fixtures, combined with the opportunity to design a better lighting distribution when replacing the fixtures will result in a safer and more aesthetically pleasing nighttime environment.

2. The important of a properly lit outdoor area in the context of site safety is a well-recognized aspect of outdoor lighting. The Illuminating Engineering Society (IES) handbook, which is the industry standard guide on lighting applications, includes a dedicated chapter that discusses lighting systems for site safety and security in great detail. The increasing lighting levels and increased quality of lighting in the proposed improvements are likely to have a direct impact on the safety of staff and visitors in Exposition Park.

3. Improved safety outcomes include improved fall prevention for pedestrians, and reduced possibility of vehicular accidents. In addition, in event of emergency incidents such as fires or earthquakes, the improved lighting facilitates faster exit and dispersal times for staff and visitors. Exiting and dispersal involve both the act of exiting the building at the exit discharge of each building, as well as travelling to a safe dispersal area such as lawns or parking lots. This study did not include detailed examination of the site to document or determine the exact location of safe dispersal areas, as these locations are anticipated to be further examined during the course of design.

4. Improved security outcomes include the physical safety of staff and visitors in cases where a person on site intends to interact with others in an unsafe, aggressive, harmful manner. Higher levels of lighting at nighttime are well known for deterring and preventing these type of incidents, and they are typically applied in locations such as gas stations, convenient store parking lots, or other locations where public interaction incident are common. The preventative nature of a high quality lighting system also allows for the site security and law enforcement personnel to avoid taking action as some percentage of incidents can be prevented.

5. The new lighting poles and replacement wiring and conduit systems will also contribute to the safety of the lighting installation as a whole. The new poles will be specified with secured handholes and wireways to minimize the possibility of unwanted and unpermitted interception of the wiring system.

SECTION 4.0

TELECOMMUNICATIONS

4.1 Existing Site Telecommunications

A. The existing site telecommunication services are similar to the utility power distribution in that each tenant is provided service from the local service provider.

B. The scope of this study did not focus on telecommunication backbones, but limited reviews of record documents indicate that the services are underground and routed generally under roadways and walkways before entering each building.

C. In anticipation of additional digital signage and wayfinding, as well as camera system expansion, it is anticipated that the state owned telecommunication system may benefit from expansion. Refer to Section 5.0 for discussion on signage and camera systems.

D. Even though the scope and timing of system expansion is not solidified, conduit pathways for new fiber and copper wiring is limited or non-existent.

4.2 Proposed Improvements

A. The proposed improvement in this study is installation of underground conduit systems for installation of backbone telecommunications fiber optic cables for use by various site security and electronics systems. The scope of future backbone fiber optics is not yet solidified, therefore the focus of this study and the cost basis is providing conduit systems only.

B. The Civil and Accessibility site work is extensive and include significant work on roadways, walkways, and underground utilities. The work by other disciplines creates a cost-effective opportunity to install new conduit systems for future use by telecommunications and security electronics. The cost of installing the conduits later will be significantly larger, since a later installation will result in expensive additional earthwork and trenching the newly installed paving and surfaces to install new conduits.

C. The cost estimate includes two 4” and two 2” conduit systems. The conduit systems could be utilized for telecommunications as well as security electronic systems.

D. The future design will likely specify innerducts in the 4” and 2” conduits to maximize space use for the systems being proposed now and also allow for future usability.

SECTION 5.0

SECURITY ELECTRONICS

5.1 Existing Site Security Electronics

A. Wayfinding and Signage

1. The existing wayfinding and signage at exposition park is not currently electronic. The wayfinding and signage components are dated and have been damaged by the elements over time. There are area lights near the signage depending on location, but the signs are not internally lit, which results in wayfinding being more difficult at nighttime or those without perfect eyesight.

B. Site Security Video Surveillance

1. The site video surveillance security system consists of fixed and pan-tilt-zoom cameras which are located throughout the site.

2. These cameras include cameras that have been installed by the building tenants as part of building systems, for example cameras utilized at the Coliseum or BMO Stadium which are owned and operated by the tenant. The tenant owned cameras are focused on building security and are not included in the scope of this study as a site system.

3. The site camera system which is state owned was recently partially upgraded and expanded. The expansion included about 60 cameras and focused on enhancing coverage in the Blue Parking Structure and Annenberg Building.

4. The partially upgraded site camera system reports to and is supervised by the main security command center located in the lower levels of the Annenberg Building. However, the older generation of cameras covering certain state occupied buildings do not report back to this location.

5. The California Science Center facility is equipped with a camera system that reports only locally to the equipment in the Science Center.

C. Fire Alarm System

1. Generally speaking, the existing fire alarm system are indoor systems even though some limited outdoor items such as outdoor horns or pullstations may be present in patio or similar areas. Each building is equipped with

separate fire alarm system, and they are of varying ages.

2. The scope of this investigation did not include tenant owned facilities such as the Coliseum, BMO Stadium, and the LA County Museum of Natural History. It is likely that each tenant space has a fire alarm system that was installed at the time of construction, and that they report to the central monitoring station for fire department dispatch independently.

3. State owned buildings, including the California Science Center, the CAAM, and the Annenberg building are each equipped with independent fire alarm systems. Each of the building fire alarm systems utilize a fire alarm dialer (DACT) to communicate with an outside central monitoring station for fire department dispatch.

4. Existing state owned buildings, including the California Science Center, the CAAM, and the Annenberg building also report back to annunciators that are located in the

5.2 Proposed Improvements

A. The proposed improvement in this study is installation of underground conduit systems for installation of cabling for use by site security and electronics systems.

B. The future cabling may include future backbone fiber optics which may be considered part of telecommunications or part of security electronics depending on system configuration. Please refer to Section 4.0 for additional discussion.

C. The future cabling may include copper systems serving signage, wayfinding, camera systems, and fire alarm system.

D. The Civil and Accessibility site work is extensive and include significant work on roadways, walkways, and underground utilities. The work by other disciplines creates a cost-effective opportunity to install new conduit systems for future use by telecommunications and security electronics. The cost of installing the conduits later will be significantly larger, since a later installation will result in expensive additional earthwork and trenching the newly installed paving and surfaces to install new conduits.

E. The cost estimate includes two 4” and two 2” conduit systems. The conduit systems could be utilized for security electronics as well as telecommunications.

F. The future design will likely specify innerducts in the 4” and 2” conduits to maximize space use for the systems being proposed now and also allow for future usability.

5.3 Future Considerations

A. Wayfinding and Signage

1. The signage and wayfinding devices and equipment have a wide range of availability, and the details will be determined in a design effort. Some of these systems can communicate using fiber optic systems if the equipment includes a fiber to copper media converter.

2. In other cases, the future fiber optics may be terminated in a local switch to allow for interfacing a copper (CAT 6 or similar) connection.

3. The programmability of these devices also varies, with some being programmed locally using a laptop. Others can be integrated into a central system to be remotely programmed and monitored.

B. Site Security Video Surveillance

1. The future camera system coverage locations will need to be evaluated in a design effort, however the expanded site conduit system proposed in this study will provide a significant advantage for any immediate efforts and for future efforts.

2. Modern camera systems are often Power Over Ethernet (PoE) devices. The copper wiring (CAT 6 or similar) is utilized for both data transmission and power delivery to the device, with the power being injected using a network switch.

3. The most likely future solution will include new data cabinet, which may be called Intermediate Distribution Frame (IDF) depending on the network configuration. The data cabinet will house network switches, a UPS, and other networking components.

4. The new conduit systems will allow for routing fiber optic cables to future cabinet locations and also allow for copper wiring from the network switches to be routed out towards future camera locations.

5. It should be noted that there are cameras on the market that utilize a built-in media converter for direct connection to fiber optics. However, this option is not often utilized since the camera device still needs power to operate, which results in 2 conduits being required for each camera (power and fiber).

C. Fire Alarm System

1. The proposed conduit systems will be useful in facilitating future site fire alarm work, in particular if creating a site fire alarm system is desirable or

becomes required by codes and regulations in the future.

2. The existing building systems dial out to an outside central monitoring station for fire department dispatch. That results in limited opportunities for the site security personnel to evaluate a fire alarm event in case there is a false alarm or other type of condition which may not require fire department personnel to be dispatched.

3. In other similar sites, where there are multiple buildings on a single site, the State (or at times private owners) choose to establish an on-premise (on-site) central monitoring stations, also known as fire command centers. These type of rooms or areas have very specific building code requirements, include fire ratings for the room/area, as well as the building itself. In addition, they require special staffing programs to ensure certain response times by more than one staff member.

4. While creating a compliant room for this purpose is challenging, the largest challenge existing sites face is the cost of trenching and installing underground conduit systems to establish a fire alarm network throughout the site. The conduit systems proposed in this study will remove that obstacle for future improvements to the site fire alarm system.

APPENDIX A

PHOTOGRAPHS

SITE PHOTOGRAPHS



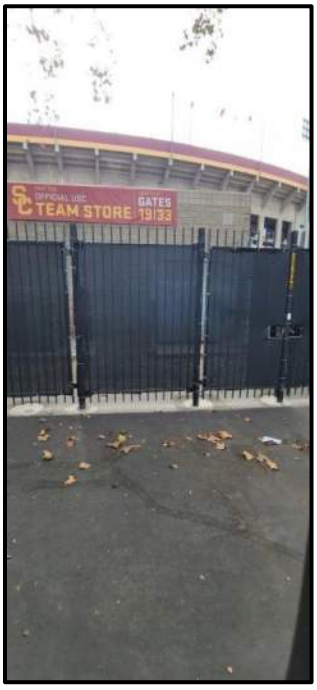
PH-1 Natural History Museum Substation



PH-2 Natural History Museum Substation



PH-3 Coliseum North Side Substation



PH-4 Coliseum North Side Substation



PH-5 California Science Center Substation



PH-6 California Science Center Substation



PH-7 Anneberg Substation



PH-8 Anneberg Substation



PH-9 Coliseum South Substation



PH-10 Coliseum South Substation



PH-11 BMO Stadium Substation



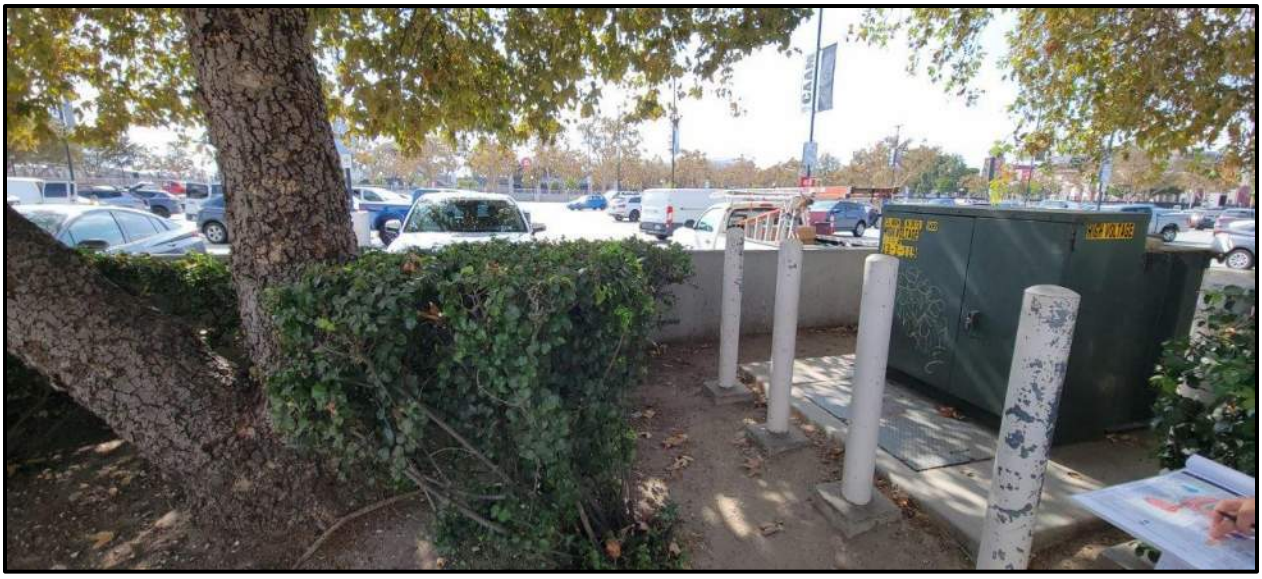
PH-12 BMO Stadium Substation



PH-13 BMO Stadium Substation



PH-14 BMO Stadium Substation



PH-15 Blue Parking Structure Transformer



PH-16 Blue Parking Structure Transformer



PH-17 Gold Lot Transformer



PH-18 Gold Lot Transformer



PH-19 Exposition Park Drive Lighting



PH-20 Exposition Park Drive Expose Lighting Wiring



PH-21 Exposition Park Drive Older LED Fixtures



PH-22 Exposition Park Drive Older LED Fixtures



PH-23 State Drive Old Decorative Lighting



PH-24 State Drive Aging HID Decorative Fixture on Pole



PH-25 Rose Garden Area Lighting



PH-26 Rose Garden Damaged Fixtures



PH-27 Rose Garden Damaged Lighting Poles



PH-28 Rose Garden Damaged Exposed Wiring



PH-29 Figurea Entrance With Limited Lighting



PH-30 Figurea Entrance With Limited Lighting



PH-31 Christmas Tree Lane Aging HID Lighting Fixtures



PH-32 Christmas Tree Lane Aging HID Lighting Fixtures



PH-33 Blue Structure Newer LED Fixtures



PH-34 Blue Structure Newer LED Fixtures



PH-35 South Lawn Underground Conduit Likely Owned by LADWP



PH-36 South Lawn Underground Conduit Likely Owned by LADWP



PH-37 Example of Existing Aging Wayfinding Signage



PH-38 Example of Existing Aging Wayfinding Signage