BOARD OF RECREATION AND PARK COMMISSIONERS

APR 07 2022

BOARD REPORT

NO. 22-074

DATE April 7, 2022

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BOARD OF RECREATION AND PARK COMMISSIONERS

GRIFFITH PARK - "WINGS OF THE CITY" SCULPTURE INSTALLATION SUBJECT: PROJECT (WO# E1908931) (PRJ21231) - APPROVAL OF FINAL PLANS; COMMITMENT OF PARK FEES; CATEGORICAL EXEMPTION FROM THE PROVISIONS OF THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) PURSUANT TO ARTICLE III, SECTION 1, CLASS 4(6) [TEMPORARY USE OF LAND HAVING NO PERMANENT EFFECTS ON THE ENVIRONMENT]; CLASS 11(4) [PLACEMENT OF TEMPORARY USE ITEMS] AND CLASS 11(5) [SIGNS LOCATED ON CITY PROPERTY MANAGED BY A CITY DEPARTMENT SIGN POLICY ADOPTED BY ITS WHICH HAS Α BOARD OF COMMISSIONERS] OF CITY CEQA GUIDELINES AND ARTICLE 19. SECTIONS 15304(e), 15311(a) AND 15311(c) OF CALIFORNIA CEQA **GUIDELINES**

AP Diaz H. Fujita J. Kim	M. Rudnick	- - -
		General Manager
Approved	χ with corrections Disapproved	Withdrawn

RECOMMENDATIONS

- 1. Approve final plans and specifications, substantially in the form on file with the Board of Recreation and Park Commissioners' (Board) Office and as attached to this Report, for the "Wings of the City" Sculpture Installation Project (Project) (WO# E1908931) (PRJ21231);
- 2. Approve the Project to be bid and constructed through the Department of Recreation and Parks (RAP) As-Needed Pre-Qualified General Contractors for Park Facilities Construction – Facility Modernization, Renovation and/or Repair (PQGC);
- 3. Approve the authorization of change orders as authorized under Board Report No. 06-136, for the construction contracts for this Project in the budget contingency amounts for such construction contracts as set forth in this Report
- 4. Authorize Department of Recreation and Parks (RAP) staff to commit from the following fund and work order numbers, a maximum of Four Hundred Thousand Dollars (\$400,000.00) in Park Fees, for the Project;

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FUNDING SOURCE	FUND/DEPT/ACCT NO.	WORK ORDER NO.
Park Fees	302/89/89716H	QM142579

- 5. Determine that the Project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Article III, Section 1, Class 4(6) [Temporary use of land having no permanent effects on the environment]; Class 11(4) [Placement of temporary use items] and Class 11(5) [Signs located on City property managed by a City department which has a sign policy adopted by its Board of Commissioners] of City CEQA Guidelines and Article 19, Sections 15304(e), 15311(a) and 15311(c) of California CEQA Guidelines and direct staff to file a Notice of Exemption (NOE) with the Los Angeles County Clerk;
- 6. Authorize the Department of Recreation and Parks (RAP) Chief Accounting Employee or Designee to prepare a check to the Los Angeles County Clerk in the amount of Seventy-Five Dollars (\$75.00) for the purpose of filing a Notice of Exemption; and,
- 7. Authorize RAP's Chief Accounting Employee or Designee to make technical corrections as necessary to carry out the intent of this Report.

<u>SUMMARY</u>

Griffith Park is located at 4730 Crystal Springs Drive in the Hollywood community of the City. This 4,281.73-acre park provides a variety of recreational programs and activities for the local community. Due to the size of the park, and the facilities, features, programs, and services it provides, Griffith Park meets the standards for a Regional park, as defined in the City's Public Recreation Plan.

The "Wings of the City" sculpture by Jorge Marin was gifted to the City of Los Angeles (City) by Mexico City in 2016. The sculpture features a pair of detailed bronze wings that appear suspended in the air, at about shoulder height. The City has kept the sculpture in storage while awaiting its final installation destination. The sculpture is intended to be installed at the future First and Broadway Park (FAB) Park. However, until the FAB Park Project is ready to receive the sculpture, the Mayor's Office has reached out to the Bureau of Engineering (BOE) and Department of Recreation and Parks (RAP) to find a temporary home for the artwork.

After vetting multiple locations, the Mayor's Office, Council District 4, Department of Cultural Affairs, and the Office of Historic Resources have supported the current proposed location at Griffith Park. The "Wings of the City" sculpture will be temporarily displayed at an outdoor area within an existing concrete viewing plaza, known as the Hollywood Sign Terrace to the south of the existing public restrooms that are located approximately 600 feet north of the Griffith Observatory.

The Project's scope of work includes preparation of concrete foundation, structural anchoring and the installation of the sculpture to the foundation. In addition, there will be inground spotlights to shine on the sculpture.

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The Project was presented to the Griffith Park Advisory Board (GPAB) on January 27, 2022. RAP also presented the Project to the Los Feliz Neighborhood Council (LFNC) on February 15, 2022. The Council Office District 4 and community members are supportive of the Project. Staff also presented the Project to the commissioners at the RAP's Facility Repair and Maintenance Commission Task Force on February 3, 2022.

Project's plans and specifications were prepared by staff from BOE, Architectural Division. After review by RAP and BOE staff, it was determined that the construction work can be completed by RAP's PQGC, and that BOE's Construction Management Division will provide construction management services.

The City Engineer estimate for the construction is Three Hundred Seventy-Eight Thousand Dollars (\$378,000), including the construction contingency of Twenty-Two Thousand Dollars (\$22,000).

PROJECT FUNDING

Upon approval of this Report, Four Hundred Thousand Dollars (\$400,000.00) in Park Fees can be committed to the proposed Project.

These Park Fees were collected within ten miles (10) miles of Griffith Park, which is the standard distance for the commitment of the Park Fees for regional recreational facilities pursuant to Los Angeles Municipal Code Section 12.33 E.3.

FUNDING SOURCE MATRIX

Source	Fund/Dept/Acct	Amount	Percentage
Park Fees	302/89/89716H	<u>\$400,000.00</u>	100%
Total		\$400,000.00	100%

TREES AND SHADE

This Project will not have any tree removals and tree plantings.

ENVIRONMENTAL IMPACT

The proposed Project consists of a temporary use of land having no permanent effects on the environment; placement of temporary use items and signs located on City property managed by a City department which has a sign policy adopted by its Board of Commissioners.

This site is not within a coastal or methane zone, so there is no reasonable possibility that the project may impact on an environmental resource of hazardous or critical concern or have a significant effect due to unusual circumstances. No other known projects would involve cumulatively significant impacts, and no future projects would result from the proposed project.

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As of March 8, 2022, the State Department of Toxic Substances Control (DTSC) (Envirostor at www.envirostor.dtsc.ca.gov) has not listed the Project site or any contaminated sites near the Project area (within 500 feet). According to the Caltrans Scenic Highway Map, there is no scenic highway located within the vicinity of the project or within the project site. Furthermore, although the proposed Project is located with Griffith Park, a City of Los Angeles Historic Cultural Monument (HCM #942) and in proximity of the Griffith Observatory (HCM #168), the temporary nature of the installation will not cause a substantial adverse change in the significance of any of these historical resources.

Based on this information, staff recommends that the Board determine that the proposed Project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Article III, Section 1, Class 4(6), Class 11(4) and Class 11(5) of City CEQA Guidelines and Article 19, Sections 15304(e); Section 15311(c) and 15311(a) of California CEQA Guidelines. Staff will file a Notice of Exemption with the Los Angeles County Clerk upon Board's approval.

FISCAL IMPACT

The approval of the commitment of Park Fees will have no fiscal impact on RAP's General Fund.

STRATEGIC PLAN INITIATIVES AND GOALS

Approval of this Board Report advances RAP's Strategic Plan by supporting:

Goal No. 1: Provide Safe and Accessible Park. **Outcome No. 1**: All parks are safe and welcoming.

This Report was prepared Erik Villanueva, Architect, Architectural Division, Bureau of Engineering; Reviewed by Sean Phan, Civil Engineer, Planning, Construction and Maintenance Branch; Darryl Ford, Superintendent, Planning, Construction and Maintenance Branch.

LIST OF ATTACHMENT

Attachment 1 – Final Plans and Specifications



SHEET VERSION 4.0.1

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PLOT DATE: 3/9/2022 8:38:44 PM SAVED: 03/07/22

SAVED BY:

CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING

"WINGS OF THE CITY" SCULPTURE INSTALLATION

R.A.	ENVIRONMENTAL:	ENVIORNMENTAL MANAGEMENT GROUP MARIA MARTIN GROUP MANAGER SHILPA GUPTA ENVIRONMENTAL SUPERVISOR 149 S. BROADWAY, SUITE 600 LOS ANGELES, CA 90015 CONTACT - JAN GREEN REBSTOCK ENVIRONMENTAL SUPERVISOR	SURVEY:	SURVEY DIVISION WILLIAM KNIGHT ENGINEER OF SURVEYS 201 N. FIGUEROA ST., SUITE 1100 LOS ANGELES, CA 90012 CONTACT - EDWARD HERNANDEZ SURVEY PARTY CHIEF	OWNER AND CONSTRUCTION MANAGEMENT:	DEPT. OF REPARKS
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G001 G002	SITE PLAN, DRAWING INDEX, PROJECT DATA, GENERAL NOTES
ARCHITE	CTURAL
A001	ABBREVIATIONS, MATERIALS KEY, SYMBOL KEY
A101	DEMO SITE PLAN AND PROPOSED PLAN
A201	ELEVATION, SECTIONS AND DETAILS
A301	ENLARGED SECTIONS AND HARDSCAPE DETAILS
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S001	GENERAL NOTES
S002	PLAN, ELEVATION, AND DETAILS
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PROJECT INFORMATION

SCOPE OF WORK:

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AREA OF NEW HARDSCAPE:. MAX. HEIGHT OF SCULPTURE: MAX WIDTH OF SCULPTURE:

93 SF 13'-0" APPROX. 11'-0"

PROJECT DATA: ADDRESS: TRACT: MAP REFERENCE: BLOCK: LOT:

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		CONCRETE							
		MATERIALS					METHODS		
		BASE MATERIAL Base material for Portland (200-2.4).	neous base,	SUBGRADE AND BASE PREPARATION Subgrade under all concrete shall be prepa (301-1.). Locations where compaction test symbol					
		CONCRETE SPECIFIED Placed concrete shall be class 560-E-2500, maxim each truckload of concret (201-1,1,2).	BCA Inspector m permission is gra no less than two	ay modify the e inted from the F (2) or the num!	exact locati Project Mar per indicate				
N SHEET.	К	PORTLAND CEMENT All cement shall be Type	II, low alkali Port	land cement confor	ming to ASTM C	150 (201-1.2).	The Contractor s applicable, at the shall be submitte subgrade and ba	hall provide con locations indiced to the Project se compaction	npaction te ated on the t Manager shall be 90
S OF THIS PLA		AGGREGATES The aggregates for all co quarry in the San Gabriel approved testing laborato	ncrete constructio River drainage a rry as approved b	on shall be fractured area only and shall b by the Bureau of Col	d face aggregate be certified non-re ntract Administra	s obtained from a eactive by an tion, (201-1.2.2).	EXPANSION JO Shall be placed a (303-5.4.2) and t	INTS against previous he applicable d	sly construe etails.
RONIC COPIE	J	COMBINED AGGREGA Combined aggregate grad (201-1.3.2).	'E GRADINGS dings for Portland	d Cement shall be a	s specified unde	r this section,	$\sqrt[3]{}$ CONCRE Concrete walks, on the plans. The approval by the F	□ E SURFACE I pads, or mow s e Contractor sh Proiect Manage	FINISHING strips shall all prepare or before an
F ELECT		EXPANSION JOINTS Expansion joints shall use	e a 3/8 inch thick	asphalt impregnate	ed felt expansion	joint.	public street right the BCA Inspector	t of way constru or.	ucted as a
PLETENESS OF		JOINT URETHANE SEA When specified, expansion pavement shall be Lithos	L ANT on joint material s eal Trafficalk-G3	shall be urethane ela by L. M. Scofield C	astomeric sealan ompany, or an al	t for concrete oproved equal,	COLORED CON Colored concrete instructions. Calc	CRETE ADMIX admixtures sh cium chloride so	(TURES all be form et-accelera
RACY OR COM	Н	EXPANSION JOINT PRE When specified, expansion manufactured by Sealtigh	MOLDED ASPH on joint material s it Co., or an appr	IALTIC JOINT MAT shall be 1/4 inch thic roved equal, (201-3)	ERIAL ck asphaltic joint	material as	PAVEMENT MA Paint for parking a wet film thickne Morton, or an ap	RKINGS stalls and gam ess of 7 mil. Pa proved equal, i	e courts sh int shall be n the speci
E ACCUI		DOWELS (EXPANSION	AND END-OF-P						
FOR TH		END OF POUR JOINTS	e 60 dillet steel,	(201-2.2).					
ISIBLE F		End of pour joints shall be Co., or an approved equa	∋ 1/4 inch thick a al, (201-3).	sphaltic joint materi	al as manufactur	ed by Sealtight			
ESPON	G	COLORED CONCRETE	ADMIXTURES						
DT BE R		Admixtures for colored co Company (800) 800-9900	ncrete shall be L), or Davis Mix-in	ithochrome Color H Colors for concrete	lardener by L.M. by Davis Colors	Scofield , (800) 800-6856,			
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GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF 2020 CITY OF LOS ANGELES BUILDING CODE.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO STARTING ANY WORK. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES BEFORE PROCEEDING OF ANY ITEM.

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- THE ENGINEER DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS ON ANY PLAN. ALL 3. DIMENSIONS SHALL BE AS DESIGNATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AT THE SITE PRIOR TO COMMENCING WORK AND/OR FABRICATION AND PROCUREMENT OF ANY ITEM.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL 4 DETAILS. WHERE NOTES AND DETAILS ON DRAWINGS AND GENERAL NOTES AND TYPICAL DETAILS ARE IN CONFLICT WITH THE CONTRACT SPECIFICATIONS, THE MOST STRINGENT SHALL APPLY. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- A STAMPED SET OF PLANS AND SPECIFICATIONS SHALL BE KEPT AT THE JOBSITE AT ALL TIMES. THE 5. CONTRACTOR SHALL ALSO MAINTAIN A SEPARATE FULL SIZE SET AND UPDATE WITH RECORD (I.E. AS-BUILT) INFORMATION. BOTH SETS SHALL BE MADE AVAILABLE TO THE INSPECTOR, BUILDING OFFICIAL OR CITY ENGINEER AT ALL TIMES.
- MANUFACTURED MATERIALS SHALL BE APROVED BY THE CITY ENGINEER PRIOR TO THEIR USE. ALL 6. REQUIREMENTS OF THOSE APPROVALS SHALL BE FOLLOWED.
- PIPE SLEEVES, CONDUITS, DUCTS, INSERTS, AND OTHER SIMILAR EMBEDDED ITEMS SHALL BE IN PLACE 7. PRIOR TO PLACEMENT OF CONCRETE.
- NO PIPES, DUCTS, SLEEVES, OR OTHER MECHANICAL, PLUMBING, AND ELECTRICAL TRADE ITEMS SHALL PASS THROUGH STRUCTURAL MEMBERS UNLESS SHOWN ON THE THE STRUCTURAL PLANS OR APPROVED BY THE CITY ENGINEER OF RECORD.
- SEWER AND UTILITY LINES ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO PLUMBING. 9. ELECTRICAL AND CIVIL DRAWINGS FOR LOCATION. THE CONTRACTOR SHALL COORDINATE ALL SEWER AND UTILITY LINES WITH THE FOUNDATION DRAWINGS. THE CITY ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES BEFORE PROCEEDING FURTHER WITH THE WORK.
- 10. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL THE MEASURES NECESSARY TO PROTECT THE SAFETY OF THE STRUCTURE, EMPLOYEES, AND THE PUBLIC DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO THE BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION LOADING AND EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE CITY ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS AND DOES NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM HIS/HER RESPONSIBLITIES FOR THE ABOVE ITEMS.
- 11. REVIEW OF SUBMITTAL WILL BE FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AND CONTRACT DOCUMENTS. NOTED MARKINGS OR COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS OR DEPARTURES THEREFROM. THE CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS AND ACCURACY FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS FOR SELECTING FABRICATION PROCESSES, FOR TECHNIQUES OF ASSEMBLY FOR PERFORMING WORK IN A SAFE AND SATISFACTORY MANNER.
- 12. THE CONTRACTOR SHALL PROVIDE PROTECTION FOR PEDESTRIANS AND VEHICLES ADJACENT TO THE PROJECT SITE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL OBTAIN AND ARRANGE FOR ALL REQUIRED PERMITS AND INSPECTIONS.

REINFORCING STEEL

- 1. ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE, DEFORMED BARS, CONFORMING TO ASTM A615-60. WELDED REBARS SHALL CONFORM TO A-706.
- 2. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A-1064. MESH SHALL BE LAPPED (9" MINIMUM).
- ALL BARS SHALL BE CLEAN OF LOOSE FLAKY RUST, GREASE OR OTHER MATERIALS LIKELY TO IMPAIR BOND.
- ALL BENDS SHALL BE MADE COLD. 4
- REINFORCING BARS SHALL BE SPLICED AND BENT IN STRICT ACCORDANCE WITH THE C.R.S.I. 5 PUBLICATION AND DETAIL DRAWINGS. NO KINKS SHALL BE PERMITTED.
- PROVIDE DOWELS OF SAME SIZE AND NUMBER FROM ADJACENT POUR. BOTH VERTICALLY AND HORIZONTALLY TO MATCH TYPICAL REINFORCING SHOWN. LAPS SHALL BE IN ACCORDANCE WITH THE DRAWINGS AND DETAILS.
- ALL HOOKS SHALL BE STANDARD HOOKS, UNLESS NOTED OTHERWISE. 7.
- ALL REINFORCING BARS SHALL BE ACCURATELY AND SECURELY PLACED BEFORE POURING CONCRETE OR APPLYING MORTAR OR GROUT.
- ALL REINFORCING SHALL BE ACCURATELY PLACED AND FIRMLY SUPPORTED AS RQUIRED BY THE ACI STANDARDS. REINFORCING SHALL HAVE THE FOLLOWING MINIMUM COVERAGE AND SHALL BE PLACED AS NEAR TO THE CONCRETE SURFACE AS THESE MINIMUMS WILL PERMIT UNLESS NOTED OR DETAILED **OTHERWISE**
 - CONCRETE POURING AGAINST EARTH... FORMED CONCRETE IN CONTACT WITH EARTH OR WEATHER. .1-1/2" SLABS. .1-1/2

STRUCTURAL STEEL

- ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACOORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATIONS. FABRICATOR SHALL BE LICENSED AND APPROVED BY THE DEPT OF BUILDING AND SAFETY CITY OF LOS ANGELES FOR THE WORK INDICATED.
- 2. ALL STRUCTURAL STEEL W-SHAPES SHALL CONFORM TO ASTM A-992. ALL OTHER SHAPES SHALL COMPLY WITH ASTM A36.
- ALL HIGH STRENTH (H.S.) BOLTS. NUTS AND WASHERS SHALL COMPLY WITH ASTM A325 OR BETTER. ANCHOR BOLTS INTO CONCRETE OR MASONRY SHALL CONFORM TO ASTM F1554 GR. 36 OR BETTER. MACHINE BOLTS (M.B.) WHEREVER SPECIFIED SHALL CONFORM TO ASTM A307 OR BETTER.
- WELDING SHALL CONFORM TO THE LATEST EDITION OF AWS D1.1 SPECIFICATIONS. WELDING ELECTRODES 4 SHALL HAVE A MINIMUM TENSILE STRENGTH OF 70 KSI OR HIGHER.
- ALL COMPLETE PENETRATION SHOP WELDING, ALL FIELD WELDING AND HIGH STRENGTH BOLTING, EXCEPT 5. MINOR OR TACK WELDING SHALL BE CONTINUOUSLY INSPECTED BY AN INSPECTOR APPROVED BY THE CITY OF LOS ANGELES, DEPARTMENT OF BUILDING AND SAFETY.

	7		8		9	10	11	12
<u>EARTH</u>	<u>WORK & F(</u>	<u>DUNDA</u>	ATION NO	TES				DEPUTY INPS

- THE CONTRACTOR SHALL CONFORM WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEERS' GEOTECHNICAL REPORT W.O.#E170201D, GEO FILE #05-088 DATED OCTOBER 20, 2005, ENTITLED GEOTECHNICAL ENGINEERING REPORT GRIFFITH PARK OBSERVATORY-RESTROOMS PROJECT ADDRESS 2850 W OBSERVATORY RD LOS ANGELES, CA 90027.
- THE CONTRACTOR SHALL NOTIFY THE PROJECT GEOTECHNICAL ENGINEER, OR THEIR DESIGNEE, TO 2. MONITOR, INSPECT, AND APPROVE ANY EXCAVATIONS, SHORING INSTALLATION. FOUNDATIONS, AND THE PLACEMENT OF COMPACTED FILL. THE PROJECT GEOTECHNICAL ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF INSPECTION.
- 3. THE CONTRACTOR SHALL ARRANGE FOR INSPECTION BY THE CITY OF LOS ANGELES, DEPARTMENT OF BUILDING AND SAFETY, AT LEAST 48 HOURS IN ADVANCE.
- PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL FURNISH THE CITY ENGINEER A WRITTEN DESCRIPTION OF THE PROPOSED PROCEDURES AND CALCULATIONS PREPARED, SIGNED, AND SEALED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER FOR INFORMATION ONLY. NEVERTHELESS, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL SHORING WORK AND SUBMITTAL TO THE CITY ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF HIS/HER OBLIGATIONS.
- ALL EXCAVATIONS OF FOOTINGS SHALL FIRST BE APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER 5 AND THE DEPARTMENT OF BUIDLING AND SAFETY PRIOR TO PLACEMENT OF THE REINFORCEMENT STEEL AND CONCRETE.
- ALL SOIL TO BE IMPORTED FOR FILL SHALL BE APPROVED AT THE BORROW SITE BY THE GEOTECHINCAL 6. ENGINEER PRIOR TO IMPORT. THREE WORKING DAYS NOTIFICATION TO THE PROJECT GEOTECHNICAL ENGINEER IS REQUIRED PRIOR TO IMPORTING SOIL.
- STRUCTURAL BACKFILL SHALL CONFORM TO THE REQUIRMENTS OF THE GEOTECHNICAL REPORT. ALL 7. UNSUITABLE MATERIAL SHALL BE REMOVED AND HAULED AWAY FROM THE SITE.
- NO BACKFILL SHALL BE PLACED BEHIND RETAINING WALLS PRIOR TO THE CONCRETE REACHING ITS FULL 8. DESIGN STRENGTH. THE CONTRACTOR SHALL PROTECT AND BRACE ALL BUILDING WALLS AND PITS BELOW GRADE AGAINST LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE REACHED THEIR FULL DESIGN STRENGTH. CONTRACTOR SHALL PROVIDE DESIGN, PERMIT, BRACING, AND INSTALLATION OF SUCH BRACING, AT NO ADDED COST TO THE CITY.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL THE NECESSARY PERMITS FOR ALL TRENCHES AND 9. EXCAVATIONS FIVE FEET OR MORE IN DEPTH, FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, PRIOR TO ISSUANCE OF A BUILDING OR GRADING PERMIT BY THE CITY OF LOS ANGELES, DEPARTMENT OF BUILDING AND SAFETY.
- 10. OVER EXCAVATE AND RECOMPACT SOILS AS REQUIRED PER THE SOILS INFORMATION AND COMPLETE REQUIREMENTS, REFER TO SOILS REPORT.
- 11. NO FILL SHALL BE PLACED UNTIL THE GEOTECHNICAL ENGINEER AND BUILDING AND SAFETY GRADING INSPECTOR HAVE INSPECTED AND APPROVED THE BOTTOM EXCAVATION.
- 12. FROM THE TIME THAT GEOTECHNICAL APPROVES THE FOOTING EXCAVATIONS TO THE TIME THAT THE CONCRETE IS PLACED, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE FOOTINGS PROPERLY MOIST AND FREE OF LOOSE SOIL AND DEBRIS. IF EXCESSIVE SLOUGHING OR CAVING OCCURS OR IF MOISTURE IS ALLOWED INTO THE FOOTINGS PRIOR TO CONCRETE PLACEMENT, ALL LOOSE MATERIAL SHALL BE REMOVED FROM THE FOOTINGS AND GEOTECHNICAL SHALL RE-INSPECT THE FOOTINGS PRIOR TO CONCRETE PLACEMENT.

CONCRETE NOTES

- CONCRETE SHALL CONFORM TO EXPOSURE CLASS W1 PER THE REQUIREMENTS OF CHAPTER 19 OF ACI 318-14, UNO. LIGHTWEIGHT CONCRETE SHALL BE SAND-LIGHTWEIGHT TYPE PER ACI 318-14.
- UNLESS NOTED OTHERWISE, STRUCTURAL CONCRETE SHALL BE HARD ROCK 145 LBS/ CU. FT. 2. CONCRETE STRENGTH SHALL CONFORM TO THE FOLLOWING: FOOTINGS, CAISSONS, FOUNDATION - 4,000 PSI. SLAB-ON-GRADE - 2,500 PSI (MIN)
- SUBMITTALS OF MIX DESIGN SHALL BE AS PER THE BUILDING CODE AND SHALL BE PREPARED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER, AND BE PROVIDED BY AN APPROVED LABORATORY. COPIES OF THE SUBMITTALS SHALL BE IN THE OFFICE OF THE BUILDING INSPECTOR, AT THE BATCH PLANT PRIOR TO BATCHING OF CONCRETE, AND AT THE JOB SITE PRIOR TO PLACING OF CONCRETE. MIX DESIGN SHALL BE SUBMITTED FOR REVIEW AND APPROVAL OF THE PROJECT STRUCTURAL ENGINEER PRIOR TO PLACING OF CONCRETE.
- CONTINUOUS INSPECTION OF CONCRETE BY A DEPUTY INSPECTOR IS REQUIRED FOR CONCRETE 4 STRENGTHS OVER 2.500 PSI. TO BE PROVIDED BY THE CITY.
- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE 2020 EDITION OF THE LOS ANGELES CITY 5 BUILDING CODE AND THE LATEST EDITION OF ACI. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE ACI 318, INCLUDING BAR BENDS AND HOOKS, UNLESS SPECIFICALY SHOWN ON THE DRAWINGS.
- ANCHOR BOLTS, DOWELS, REINFORCING STEEL, INSERTS, ETC. SHALL BE SECURELY TIED IN PLACE PRIOR 6. TO POURING CONCRETE. CONCRETE BLOCKS SHALL ONLY BE USED TO SUPPORT REINFORCING OFF GROUND.
- NOTIFY THE CITY ENGINEER 48 HOURS PRIOR TO ALL POURS.
- ALL EXISTING CONCRETE SURFACES IN CONTACT WITH NEW CONCRETE AND ALL CONSTRUCTION JOINTS SHALL BE ROUGHENED TO 1/4" AMPLITUDE MINIMUM.
- ALL FOUNDATIONS AND PILES SHALL BE POURED AGAINST UNDISTURBED NATURAL SOIL, OR COMPACTED FILL. THE PROJECT GEOTECHNICAL ENGINEER SHALL INSPECT ALL FOUNDATIONS, PILES AND SOIL PRIOR TO PLACING REINFORCING STEEL. THE PROJECT GEOTECHNICAL ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF INSPECTION.
- 10. ALL EXPOSED EDGES AND CORNERS SHALL BE CHAMFERED 3/4", OR RADIUSED TO 1/2" R.
- 11. THE CONTRACTOR SHALL COORDINATE FOR CONTINUOUS INSPECTION FOR ANCHOR BOLTS OR HEADED STUDS EMBEDDED IN CONCRETE PRIOR TO AND DURING THE PLACEMENT OF CONCRETE TO BE PROVIDED BY THE CITY.
- 12 NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS STRENGTH OF 4,000 PSI. CONTRACTOR TO SUBMIT MIX DESIGN FOR APPROVAL TO THE CITY ENGINEER, PRIOR TO PLACEMENT.

- 2. RISK CATEGORY
- 4. SITE CLASS ...
- 5. SPECTRAL RESP
- 6. SEISMIC DESIGN
- 7. STRUCTURAL CL/ 8. SEISMIC RESPON
- 9. RESPONSE MODII
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- SOIL DESIGN PA 1. ALLOWABLE V
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DESIGN DAT

- 1. SEISMIC IMPORT
- 3. MAPPED SPECTR

DE	EPUTY INPS	ECTION - CITY OF LOS ANGELES				ZRIN		VEERIN		OS ANGELE	
1.	THIS SECTION	APPLIES TO STRUCTURAL PORTION OF THE WORK R N ACCORDANCE WITH LABC SECTION 1704 & 1707.	REQUIRING	SPECIAL				NGIN		ITY OF)
2.	CONTINUOUS OBSERVING A	INSPECTION REFERS TO ON-SITE INSPECTION ON A CLL WORK REQUIRING SPECIAL INSPECTION.	CONTINU	OUS BASIS		15 N					
3.	PERIODIC INS SATISFYING T OUTLINED ON OFFICIAL.	PECTION REFERS TO INTERMITTENT INSPECTION ON HE REQUIREMENTS OF CONTINUOUS INSPECTION AN THE PROJECT CONSTRUCTION DOCUMENTS, AND AP	A PERIOD ID PERFO PROVED	DIC BASIS. RMED AS BY THE BUI	LDING		DATE B'			_	DING NO.
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5.	SPECIAL INSP CITY OF LOS A DEPUTY INSPI AND BE RESPO INSPECTION C SPECIAL INSP	ECTION SHALL BE PERFORMED BY A DEPUTY INSPEC ANGELES FOR THE PORTIONS OF THE WORK REQUIRI ECTOR SHALL BE EMPLOYED BY THE OWNER, AND SH ONSIBLE TO THE ENGINEER IN CHARGE OF THE STRU OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPI ECTION.	TOR REG ING INSPE IALL BE A ICTURAL I ERATION	ISTERED IN CTION. THI PPROVED E DESIGN FOF REQUIRING	THE E SY R	TENNE	PTION				
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7.	THE SPECIAL 07) TO THE DE REPRESENTA TIME OF INSPI BROUGHT TO UNCORRECTE BUILDING OFF	INSPECTOR SHALL FURNISH DEPUTY INSPECTION RE PARTMENT OF BUILDING AND SAFETY, THE CONTRACT TIVE, AND THE ENGINEER OF RECORD. REPORTS SHA ECTION AND SUBMITTED TO LADBS DAILY. ALL DISCR THE IMMEDIATE ATTENTION OF THE CONTRACTOR FO D, TO THE OWNER'S REPRESENTATIVE, THE ENGINEE TICIAL.	Ports (L Ctor, the All be fii Repancies Or corre Er of reg	ADBS IN FO E OWNER'S LED OUT A S SHALL BE ECTION. TH CORD, AND	RM T THE EN IF THE		REVISIO				
8.	AT THE TIME (SHALL COMPL INSPECTORS	DF COMPLETION OF THE PROJECT, THE STRUCTURAL ETE A CERTIFICATE OF COMPLIANCE INDICATING THA WERE RESPONSIBLE TO THEM.	OBSERVI	ER OF RECO EPUTY	DRD		ON				INDEX NO
9.	AT THE COMP A FINAL SIGNE WITH THE CON THE LABC.	LETION OF THE STRUCTURAL WORK, THE SPECIAL IN ED REPORT STATING THAT ALL WORK WAS PERFORM NTRACT DOCUMENTS AND THE APPLICABLE WORKMA	SPECTOR IED IN COI ANSHIP PF	S SHALL SUNFORMANC	JBMIT E DF			St ENG	INER		
10.	CONTINUOUS DESIGNED WI	INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED TH f'c GREATER THAN 2500 PSI.	FOR ALL (CONCRETE			BOFESS/	- NAN	S 6573	- / · /	AF OF CAL
11.	CONTRACTOR RESISTING SY SUBMIT A WRI OWNER PRIOF	RESPONSIBLE FOR THE CONSTRUCTION OF A WIND STEM/COMPONENT LISTED IN "STATEMENT OF SPECI TTEN STATEMENT OF RESPONSIBLITY TO THE LADBS R TO THE COMMENCEMENT OF WORK ON SUCH SYST	OR SEISM IAL INSPE INSPECT EM OR CO	IIC FORCE CTION" SHA ORS AND T OPONENT	LL HE PER	N	Ĕ.			S S	× 2
12.	<section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header>			MEO/	DITY ENGINEE	573 3/9/2022	3/9/202	3/9/202	3/9/202		
	WC	ORK REQUIRING SPECIAL INSPECTION	SPEC INSPE	IAL * ECTION		(U)	V SP	NO.: S-6	4		Υ, S.E.
	AN	A. CONCRETE PLACEMENT.	CONT.	PERIODIC			N U	TIO	ARREOL		H MISTR
		1. FOUNDATION / FOOTINGS. 2. SLAB-ON-GRADE. 3. ALL OTHER STRUCTURAL CONCRETE	\checkmark				E, PE		., JORGE /		E., SHIRISH " PATEL, S
	CONCRETE	 B. MOLDING OF COMPRESSION TEST SAMPLES. C. PLACEMENT OF HIGH STRENGTH NON SHRINK GROUT AND TAKING SAMPLES. 				102	MOOR	AN BHALJA, S.E	AN BHALJA, S.E	SE ARREOLA	/IN AGAGAS, S. AILESH "SUNNY
		A. PLACEMENT OF REINFORCING BARS.				M		MANA	3Y:MAN/	JORG	Y: MELV BY: SHA
		B. SAMPLING FOR TESTING.				[M]	ARY	INEER:	IGNED E	WN BY:	CKED B ROVED
	REINFORCING STEEL					₹ 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	0	U U U U	DES	DRA	CHE
*						~~ []					
^	FOR QUALIFICAT	ION OF SPECIAL INSPECTOR, REFERENCE SPECIFIC	CATIONS.								
<u>D</u> E	ESIGN DATA MATERIAL DATA: FOOTINGS	4 fc=4	4,000 psi								
	<u>LOAD DATA:</u> SCULPTURE + FF	RAME WEIGHT 2,10	00 Lbs (Ap	prox.)						×	DRY RD 30027
	<u>WIND DATA:</u> 1. BASIC WIND S 2. WIND EXPOSU 3. RISK CATEGOI	PEED	MPH			SEL		RAL NOTES			OBSERVAT(GELES, CA (
1. \$ 2. [SEISMIC DESIGN SEISMIC IMPORTA RISK CATEGORY	DATA: ANCE FACTOR1.0		0.704		NGE	\L:	TITLE: GENE			^{ss:} 2850 W (LOS ANO
3. 1 4. 3 5. 3	SITE CLASS SPECTRAL RESP	AL RESPONSE ACCELERATIONS _s =2 D ONSE COEFICIENTSS _{ps} =	2.119g, S₁⁼ 1.695g, S	= 0.761g		S S	CLIENT: GENER/	SHEET			ADDRES
6. S	SEISMIC DESIGN	CATEGORYD			ES AND SCULPTURES		WOF			NO.	
0. 3 9. F 10. /	RESPONSE MODIA	FICATION FACTORR = 2 EDURE	2.0 JIVALENT	LATERAL F			PLAN		NO.	७ ७।	
	<u>SOIL DESIGN PAI</u> 1. ALLOWABLE V 2. ALLOWABLE L	RAMETERS: ERTICAL BEARING PRESSURE ATERAL BEARING PRESSURE	1,500 F 100 PS	PSF SF/FT	-		DRA SHE		NO.) [^]	
	3. SOIL CLASSIFI	CATION (PER LABC TABLE 1806.2) 13 14	CL, MI	., MH & CH	16	U	PLOTTE):3/9/2022	OF 3:16:33	PM	



		ELECTRICAL SPECIFICATIONS	GENERAL ELE
	L	 G. GENERAL ELECTRICAL NOTES G.1 THE GENERAL CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO THE BID DATE IN ORDER TO VERIFY ALL EXISTING CONDITIONS TO BE ENCOUNTERED DURING THE INSTALLATION OF ALL NEW EQUIPMENT, FIXTURES DEVICES, FEEDERS, ETC. THE EXACT INSTALLATION METHOD AND REQUIREMENTS SHALL BE VERIFIED AND DETERMINED PRIOR TO THE BID DATE. THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY ENGINEER OF ANY REQUIRED MODIFICATIONS OR DISCREPANCIES WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE SUBMITTAL OF A BID INDICATES THAT THE CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED. 	EMERGENCY EXIT SIGN BY SURE-LI LPWX7 FOR OUTDOORS, OR APPRO ARROWS INDICATE PATH TO EXIT. E J JUNCTION BOX. SIZED BY THE GEN
		G.2 INCLUDE ALL NECESSARY DEMOLITION AS PART OF THE WORK. ALL REMOVED EQUIPMENT AND MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.	AT +18" ABOVE THE FINISHED FLOC LOCKABLE, NEMA 3R, HEAVY DUTY,
		G.3 THE GENERAL CONTRACTOR SHALL PAY FOR ALL NECESSARY ELECTRICAL PERMITS AND SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH ALL LOCAL AND NATIONAL GOVERNING CODES.	
HEET.	K	G.4 ALL EQUIPMENT ELECTRICAL CHARACTERISTICS, LOCATIONS, AND CONNECTION REQUIRMENTS SHALL BE VERIFIED PRIOR TO ANY ROUGH-IN WORK.	
HIS PLAN SI		G.5 THESE DRAWINGS ARE DIAGRAMMATIC AND REPRESENT THE INTENT OF EQUIPMENT, DEVICES, ETC TO BE CONNECTED AND THE CIRCUITS TO WHICH THEY ARE TO BE CONNECTED TO. THE GENERAL CONTRACTOR SHALL INSTALL ALL CONDUIT, J-BOXES, ETC AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM.	(E) NEXT TO EQUIPMENT, INDICATES T
ES OF T		G.6 THE GENERAL CONTRACTOR SHALL FURNISH TO THE CITY ENGINEER, SHOP DRAWINGS FOR REVIEW; PRIOR TO ORDERING, PRODUCT DELIVERY AND INSTALLATION.	(R) NEXT TO EQUIPMENT, INDICATES TO —E— EXISTING CONDUIT AND WIRES TO —R— EXISTING CONDUIT AND WIRES TO
C COPII		G.7 PROVIDE THE CITY ENGINEER WITH ONE SET OF ELECTRICAL "AS-BUILT" DRAWINGS AT THE COMPLETION OF THE JOB. SHOW THE EXACT LOCATION OF ALL CONDUIT, EQUIPMENT, AND MOUNTING DIMENSIONS	(RL) NEXT TO EQUIPMENT, INDICATES T (RLD) NEXT TO EQUIPMENT, INDICATES R
LECTRON	J	ON THE DRAWINGS. G.8 THE COMPLETE ELECTRICAL INSTALLATION SHALL BE GUARANTEED IN WRITING FOR A PERIOD OF (1) YEAR UPON ACCEPTANCE BY THE CITY ENGINEER.	CONDUCTORS AND 3/4" MINIMUM E MINIMUM GALVANIZED RIGID COND ELECTRICAL PLANS. CONDUIT AND GRADE. UNLESS OTHERWISE NOTE
NESS OF E		M. GENERAL ELECTRICAL MATERIALS M.1 ELECTRICAL EQUIPMENT SHALL BE LISTED OR CERTIFIED BY A CITY OF LOS ANGELES RECOGNIZED ELECTRICAL TESTING LABORATORY: OR APPROVED BY LADBS.	CONDUCTORS AND CONDUIT HOME
IPLETE		M.2 ALL ELECTRICAL ITEMS SHALL BE NEW, AND BEAR A "UL" LABEL - UNLESS OTHERWISE NOTED.	W LIGHT FIXTURE TYPE TAG. LIGHT FIX TYPE "WE" IS A TYPE "W" LIGHTING INTENDE FIXTURE TYPE "WE" CAN BE A COM
DR COM	Н	M.3 ALL NEW WIRING SHALL BE COPPER TYPE "THHN/THWN-2" @90 DEG. C - UNLESS OTHERWISE NOTED.	DEDICATED EMERGENCY EGRESS BE PROVIDED WITH ONE CONSTAN
RACY C		M.5 ALL EXPOSED OVERHEAD AERIAL POWER CABLES SHALL BE XLP, AND RATED FOR 600V @90 DEG. C	Y ELECTRICAL KEYNOTE LEGEND NO
ACCUI		M.6 ALL WIRING IN RESTROOM(S), KITCHEN(S), OUTDOORS, AND/OR WET LOCATIONS SHALL BE THWN-2.	ALL CONDUCTORS SHALL BE A MINIMUM OF ALL CIRCUITS SHALL HAVE A DEDICATED N
OR THE		M.7 ALL FUSE HOLDERS SHALL BE REJECTION TYPE. P. POWER AND LIGHTING DISTRIBUTION SYSTEM	SEE THE ELECTRICAL PANE
BLE FC		P.1 THE COMPLETE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH THE PRESENTLY ADOPTED EDITION OF THE N.E.C. ART. 250, AND APPROVED BY LADBS.	
ESPONSI	G	P.2 ALL CONDUITS AND JUNCTION BOXES SHALL BE LOCATED IN CONCEALED SPACES. SURFACE MOUNTED CONDUITS AND BOXES ARE ONLY PERMITTED WHEN PREVIOUSLY DIRECTED BY THE CITY ENGINEER.	1 NEUTRAL 2#1 1 GROUND
T BE RI		P.3 INSTALL LOCK-ON DEVICES ON CIRCUIT BREAKER HANDLES FOR ALL EXIT SIGN, FIRE ALARM, SECURITY ALARM, SECURITY NIGHT LIGHT, AND EMERGENCY LIGHTING CIRCUITS.	
ALL NO		P.4 ALL BRANCH CIRCUITS SHALL HAVE A SEPARATE NEUTRAL FOR EACH CIRCUIT.	ELECTRICAL DE
OR AGENTS SH	F	C. CONDULT C.1 MINIMUM 3/4" LIQUID TIGHT FLEXIBLE METAL CONDUIT (LTFMC) SHALL BE USED FOR CONNECTIONS TO VIBRATING EQUIPMENT, TRANSFORMERS, AND AREAS EXPOSED TO THE WEATHER OR DAMP LOCATIONS. A SEPARATE INSULATED, STRANDED, COPPER, EQUIPMENT GROUND CONDUCTOR, SHALL BE PROVIDED WHEN USING LTFMC FOR TRANSFORMERS, AND AREAS EXPOSED TO THE WEATHER OR DAMP LOCATIONS.	1" GRC 12 PANEL "Y" - PH D 1" GRC 12 ELECTRICAL LOAD 4
ITS OFFICERS		C.2 MINIMUM 1" GALVANIZED RIGID STEEL CONDUIT SHALL BE USED OUTDOORS - UNLESS OTHERWISE NOTED. IF SCHEDULE 40 PVC IS APPROVED FOR USE BELOW GRADE: THE TRANSITION FROM SCHEDULE 40 PVC BELOW GRADE TO GALVANIZED RIGID CONDUIT ABOVE GRADE, SHALL OCCUR BELOW THE GRADE. AT A MINIMUM, THE LAST TWO LINEAR FEET OF THE CONDUIT SHALL BE GALVANIZED RIGID STEEL CONDUIT, BEFORE TRANSITIONING FROM BELOW GRADE TO ABOVE GRADE.	= PANEL "Y" - PH E $=$ $1" GRC - 12$ ELECTRICAL LOAD 5 $=$ $1" GRC - 12$ ELECTRICAL LOAD 6
S ANGELES OR	E	C.3 SCHEDULE 40 PVC ENCASED IN 100-E-100 CLSM SLURRY IS PERMITTED TO BE USED OUTDOORS FOR UNDERGROUND CONDUIT RUNS, ONLY IF PERMITTED IN THE ELECTRICAL PLANS. THE UNDERGROUND CONDUIT SHALL BE BURIED A MINIMUM OF 24 INCHES BELOW THE GRADE, OR AS REQUIRED BY THE NEC. IN METHANE ZONES AND METHANE BUFFER ZONES, INSTALLATIONS SHALL ALSO COMPLY WITH ALL LADBS REQUIREMENTS.	
ITY OF LO		L. LIGHTING (COMPLIANT WITH IES RECOMMENDED LEVELS) L.1 ALL LIGHTING FIXTURES SHALL BE MOUNTED AND SEISMICALLY SUPPORTED IN ACCORDANCE WITH OSHA STANDARDS, AND ALL NATIONAL AND LOCAL ELECTRICAL CODES.	1" GRC 10 ELECTRICAL PANEL "Y" - PH D LOAD 4
THE O		L.2 ALL EXTERIOR LIGHTS SHALL BE CONTROLLED BY AN ASTRONOMICAL TIME CLOCK, OR PHOTOCONTROL, IN ACCORDANCE WITH TITLE 24 SECTION 150.0(K)3B. UNLESS OTHERWISE NOTED.	1" GRC 10 ELECTRICAL LOAD 5 =
		S.1 ALL LIGHTING FIXTURES ARE AS SPECIFIED.	1" GRC 10 ELECTRICAL
	D	S.2 ALL LIGHTING CONTROL(S) ARE AS SPECIFIED, OR APPROVED EQUAL. FOR LIGHTING CONTROL(S) SUBSTITUTIONS, THE BURDEN OF PROOF AND COST SHALL BE PLACED ON THE CONTRACTOR FOR COMPATIBILITY WITH THE DESIGNED LIGHTING FIXTURES. ALL OUTDOOR LIGHTING CONTROLS SHALL BE TITLE 24 COMPLIANT, AND SUBJECT TO LADBS FINAL APPROVAL. UNLESS OTHERWISE NOTED.	PANEL "Y" - PH F
	-	S.3 A PHOTOMETRIC STUDY OF NON-EMERGENCY LIGHTING SHALL BE SUBMITTED TO THE BUREAU OF ENGINEERING FOR REVIEW AND APPROVAL, BY A LICENSED ELECTRICAL ENGINEER, PRIOR TO LADBS ELECTRICAL PLAN CHECK. THE NON-EMERGENCY LIGHTING DESIGN SHALL COMPLY WITH THE MOST RECENTLY ADOPTED ILLUMINATING ENGINEERING SOCIETY (IES) RECOMMENDED LEVELS. NON- EMERGENCY PHOTOMETICS SHALL BE CLEARLY INDICATED ON THE PHOTOMETRIC STUDY.	NOTE: THESE DERATING DIAGRAMS ARE FOR CO SINGLE CONDUIT. THIS TABLE IS PERMITTED FOR THHN AND THWN.
	-	S.4 MODIFICATIONS TO THE LIGHTING DESIGN SHALL INCLUDE UPDATED PHOTOMETRIC STUDIES FOR NON- EMERGENCY LIGHTING.	EMT
	С	ELECTRICAL LIGHTING FIXTURE SUBSTITUTIONS	AWG 0.75 1.00 1.30 0.7 12 16 26 61 1 THHN 10 10 16 38 1
	-	1. ALL LIGHTING FIXTURES ARE AS SPECIFIED, OR APPROVED EQUAL. SUBSTITUTIONS SHALL CONSUME LESS	THWN-2 8 6 9 22 6 6 4 7 16 4 NOTE: THIS TABLE IS BASED OFF THE 2017 NATIONAL PROPERTY IN THIS TABLE IS BASED OFF THE 2017 NATIONAL PROPERTY IN THIS TABLE IS BASED OFF THE 2017 NATIONAL PROPERTY IN THIS TABLE IS BASED OFF THE 2017 NATIONAL PROPERTY IN THIS TABLE IS BASED OFF THE 2017 NATIONAL PROPERTY IN THIS TABLE IS BASED OFF THE 2017 NATIONAL PROPERTY IN THE 2017 NATIONAL PROPERTY INTERTY I
		WATTAGE THAN WHAT IS DESIGNED, AND SHALL HAVE AN IMPROVED PERFORMANCE BASED ON A PHOTOMETRIC STUDY BY THE CONTRACTOR. FOR LIGHTING FIXTURE SUBSTITUTIONS, THE BURDEN AND COST SHALL BE PLACED ON THE CONTRACTOR FOR: A. COMPATIBILITY WITH THE DESIGNED LIGHTING CONTROL AND POWER SYSTEM.	
	-	 B. NORMAL LIGHTING PHOTOMETRICS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER OF RECORD, FOR THAT SPACE (SITE), TO INCLUDE ALL OTHER LIGHTING FIXTURES IN THAT SPACE (SITE). C. IF THE LIGHTING FIXTURE IS ALSO AN EMERGENCY LIGHTING FIXTURE, THEN EMERGENCY LIGHTING 	1. INSTALL ADA COMPLIANT, TRAFFIC RATED.
	В	PHOTOMETRICS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER OF RECORD, FOR ALL EMERGENCY LIGHTS IN THE SCOPE OF WORK. D. PHOTOMETRICS RESULTS SHALL BE COMPARED TO THE MOST CURRENT IES RECOMMENDED LEVELS, SHALL BE TITLE 24 COMPLIANT, AND SUBJECT TO LADBS FINAL APPROVAL.	SCULPTURE. 2. PROVIDE UNDERGROUND POWER TO THE NAME OF A DEPARTMENT OF A DEPARTMENTA DA DEPARTMENTA DA DEPARTMENTA DA DEPARTMENTA DA
	-	E. ALL LIGHTING FIXTURE SUBSTITUTIONS SHALL MEET OR EXCEED THE ENERGY AND PERFORMANCE (COLOR TEMPERATURE, LED LUMINOUS EFFICACY, CRI, LUMEN OUTPUT, VOLTAGE, WATTAGE, UL RATINGS, ETC) OF THE SPECIFIED LIGHTING FIXTURES.	3. OUTDOOR LIGHTS SHALL BE CONTROLLED PROGRAMMED TO TURN ON AT SUNSET AN
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 | | TOTAL | LOADS: | 463 | 37 VA | 14709 | 9 VA
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1-#12, 1-#12, 1-#12 | 1"
1"

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 | 1 | TOTAL | . Amps: | 2 | 2 A | 67 | 4
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| LOAD CLASSIFICATION
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 | | 480-240/1 | 120V, | | | |
| | I NOTE: ALL BUSSING SHATITY - #MIN. SIZE (H,N,G) OR (H,G) QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 2-#8, 1-#8, 1-#10 2-#8, 1-#8, 1-#10 Description Description Conductor QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) CONDUCTOR Description Descriptin <td colspa<="" td=""><td>Image: conductor of guantity = #Min.size (H,N,G) or (H,G) Min conductor of the conductor of the</td><td>I PANEL: H2A NOTE: ALL BUSSING SHALL BE COPP
CONDUCTOR
QUANTITY - #MIN. SIZE
(H,N,G) OR (H,G) 1 3 5 7 9 11 13 5 7 9 111 13 2-#8, 1.#8, 1.#10 15 27 29 21 21 225 27 23 25 27 29 33 33 33 35 33 35 33 35 33 35 33 35 341 31 NOTE: ALL BUSSING SHALL BE COPP CONDUCTOR
QUANTY - #MIN. SIZE
(H,N,G) OR (H,G) MIN
Con CkT MINEL: L2A NOTE: ALL BUSSING SHALL BE COPP CONDUCTOR
QUANTY - #MIN. SIZE
(H,N,G) OR (H,G) MIN
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GUIDUCTOR
QUANTITY MIN SIZE
(H,N,G) OR (H,G) II II 2.498, 1.498, 1.4710 15 CIRCUIT DESCRIPTION 1 13 1 2.498, 1.498, 1.4710 15 EXISTING 25KVA XEMR "T14" 1 19 21 2.498, 1.498, 1.4710 15 EXISTING 25KVA XEMR "T14" 1 13 33 2.498, 1.498, 1.4710 15 EXISTING 25KVA XEMR "T14" 1 23 23 23 2.29 33 33 33 3.3 33 33 33 3.3 33 34 34 1.412 141 141 141 1.412 141 141 141 1.412 141 1 EXISTING GOT RECEPTACLE 1.412 141 1 EXISTING GOT RECEPTACLE 1.412 1.412 1 EXISTING GOT RECEPTACLE 1.41</td><td>L Z S LOCAT SUPPLY FR NOTE: ALL BUSSING SHALL BE COPPER. ENTIRE PANEL SHALL BE FULLY RATED TO: CONDUCTOR QUANTITY - MININ SIZE OR (H,G) 1 CREATING CREATING PANEL SHALL BE FULLY RATED TO: QUANTITY - MININ SIZE OR (H,G) OR (H,G) 1 2</td><td>I Z J PANEL: H2A SUPPLY FROM: PAUCOSING SUPPLY FROM: PAUCOSING SUPPLY FROM: PAUCOSING NOTE: ALL BUSSING SHALL BE COPPER: ENTIRE PANEL SHALL BE FULLY RATED TO THE INING DOVUCTOR RECENTION TRP POLE UNINCONDUCTOR RECENTION ININ CAT CIRCUIT DESCRIPTION TRP POLE UNINCONDUCTOR RECENTION ININ CAT CIRCUIT DESCRIPTION TRP POLE ININCONDUCTOR ININ ININ ININ ININ 2400, 1+40, 1-410 15 EXISTING ZRIVA XFMR 'T14' SOA 2 ININ 11 ININ ININ ININ ININ 240, 1+40, 1-410 15 EXISTING ZRIVA XFMR 'T14' SOA 2 ININ 23 ININ ININ ININ ININ ININ 240, 1+40, 1+40, 1+41 14 ININ ININ<</td><td>PANEL: H2A LOCATON:
SUPPLY FROM: PANEL 20.
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MOUNTING: SUPPLY FROM: PAREL 50.01200:00000000000000000000000000000000</td><td>I Z 3 4 Location Location MOTE: ALL BUSING SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARTED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTRE PAREL SHALL BE FULLY PARED TO THE MINIMUM ALC. RATING: CONTREME SHALL BE COPPER: ENTR</td><td>I Z 3 4 9 PANEL: H2A SUPERVISED FARLET ALL? MONTROL FARLET ALL PARLET ALL PARLE</td><td>Image: state Image: state<</td><td>1 2 3 4 0 Vol.15: 400 70% Vol.16: 400 70% Vol.16: 400 70%</td><td>I Z O H O O BUREL HOR: SMULL UIT:
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EXISTING RESTROOM BUILDING

7			8	9
A.I.C. RATING (MIN): BUS RATING: MAINS RATING: MAINS TYPE:	: 18,000 : 250 A : 100 A : MLO	A		
CIRCUIT DESCRIPTION	скт	MIN	CONDUCTOR QUANTITY - #MIN. SIZE	
EXISTING 75KVA XFMR "2A"	2		(H,N,G) OR (H,G) 3-#3, 1-#3, 1-#8	
EXISTING TRASH COMPACTOR	6 8 10	-	3-#12 1-#12 1-#12	
	12 14			
	18			
	20			
	24			
	26			
	28			
	32			
	34			
	38			
	40			
	42			
TOTAL CONNECTED LOAD: TOTAL ESTIMATED DEMAND: TOTAL CONNECTED: TOTAL ESTIMATED DEMAND: E A.I.C. RATING (MIN):	33554 V 33554 V 40 A 40 A : 10,000	<u>A</u>		E100 1/2" = 1'-0"
BUS RATING: MAINS RATING: MAINS TYPE:	: 225 A : 200 A : BREAM	(ER		
			CONDUCTOR	
	СКТ	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G)	
SPARE	CKT 2 4	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE	2 4 6	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE	CKT 2 4 6 8 10	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE	CKT 2 4 6 8 10 12	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE	CKT 2 4 6 8 10 12 14 16	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE	CKT 2 4 6 8 10 12 14 16 18	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE	CKT 2 4 6 8 10 12 14 16 18 20 22	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE	CKT 2 4 6 8 10 12 14 16 18 20 22 24	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE	CKT 2 4 6 8 10 12 14 16 18 20 22 24 26 28	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE SPARE	CKT 2 4 6 8 10 12 14 16 18 20 22 24 24 26 28 30	MIN CON	CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE SPARE SPACE SPACE SPACE PANEL TOTAL SPACE TOTAL ESTIMATED DEMAND: TOTAL ESTIMATED DEMAND:	CKT 2 2 4 6 8 10 12 14 16 18 20 22 24 24 26 28 30 1068 VA 1068 VA 1068 VA 3 A 3 A		CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE SPARE SPACE SPACE SPACE PANEL TOTAL SPACE TOTAL CONNECTED LOAD: TOTAL ESTIMATED DEMAND: TOTAL ESTIMATED DEMAND:	CKT 2 2 4 6 8 10 12 14 16 18 20 22 24 24 26 28 30 1068 VA 1068 VA 1068 VA 3 A 3 A		CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE SPARE SPACE SPACE PANEL TOTAL SPACE PANEL TOTAL TOTAL CONNECTED LOAD: TOTAL ESTIMATED DEMAND: TOTAL ESTIMATED DEMAND:	CKT 2 4 4 6 8 10 12 14 16 18 20 22 24 24 26 28 30 1068 VA 1068 VA 1068 VA 3 A 3 A		CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE SPARE SPACE SPACE SPACE PANEL TOTAL TOTAL CONNECTED LOAD: TOTAL ESTIMATED DEMAND: TOTAL ESTIMATED DEMAND: TOTAL ESTIMATED DEMAND:	CKT 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 S 1068 VA 1068 VA 3 A 3 A		CONDUCTOR QUANTITY - #MIN. SIZE (H,N,G) OR (H,G) 	
SPARE SPARE SPACE SPACE SPACE SPACE CONNECTED LOAD: TOTAL CONNECTED LOAD: TOTAL ESTIMATED DEMAND: TOTAL ESTIMATED DEMAND: TOTAL ESTIMATED DEMAND: TOTAL ESTIMATED DEMAND:	CKT 2 2 4 6 8 10 12 14 16 18 20 22 24 24 26 28 30 1068 VA 1068 VA 1068 VA 3 A 3 A			



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ELECTRICAL EQUIPMENT



2 EXISTING PARTIAL SITE POWER PLAN E100 1/8" = 1'-0"

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SITE

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16

3 ELECTRICAL LIGHTING ELEVATION E100 1/4" = 1'-0"

14



1				2				3				4			5
	DAUA														
Outdoor I		nting													
NRCC-LTO-E (Cre	ated	01/21)												CALIFORM	IA ENERGY COMMISSION 🌉
CERTIFICATE	OF C	OMPLIANCE													NRCC-L
This documen	t is u	ised to demor	istro	ate compliance	e wi	th requiremen	ts ir	n <u>§110.9</u> , <u>§130.0</u> ,	, <u>\$</u>	<u>130.2, §140.7</u>	, and	d <u>§141.0(b)2L</u> for ou	utdo	or lighting scopes u	sing the prescriptive pa
Project Name	:	2850 W/ OBSE		U ROAD I	05	ANGELES 900	27			Rep		Page:			Page 1
FT0ject Addre	35.	2850 W 0852			.03	ANGELES, 500			_	Dat	eri	epareu.			5/2/
A. GENERAL	INF	ORMATION													
01 Project I	.oca	tion (city)				LOS AN	GEL	.ES		04 Total Illu	min	ated Hardscape Are	ea (f	t ²)	93
02 Climate	Zon	e				9									
03 Outdoor	· Lig	nting Zone per	r <u>Tit</u>	<u>le 24, Part 1 §1</u>	10-1	14 or as desig	nate	ed by Authority I	Ha	ving Jurisdicti	on (AHJ):			
LZ-0: Very	/ Lov	v - Undevelop	ed l	Parkland 🗌 L	.Z-2	: Moderate - R	ura	l Areas		LZ-4: High	- M	lust be reviewed by	CA	Energy Commissior	for Approval
✓ LZ-1: Low	- De	veloped Park	lanc	1 <u> </u>	Z-3	: Moderately H	ligh	- Urban Areas							
B. PROIFCT	scc	PF													
Table Instruct	tions	: Include any	oute	door lighting sy	iste	ms that are wi	thir	the scope of the	e n	permit applica	tion	and are demonstra	tino	compliance using t	he prescriptive path
outlined in §1	40.7	or <u>§141.0(b)</u>	<mark>2L</mark> fc	or alterations.		ing that are m		, the scope of the	- 1	ernne appnea		und die demonstra	- ng	compnance using (ne presenpence paen
My project co	onsis	ts of:													
		01										02			
🖌 New Ligi	nting	s System				Must Comply	wit	h Allowances fro	om	1 <u>§140.7</u> .					
Altered I	Light	ing System				Is your alterat	ion	increasing the c	on	nnected lightin	ng lo	ad (Watts)?		Yes	⊖ No
Please proce	ed to	Table F. Out	doc	r Lighting Fixt	ure	Schedule to d	efin	e the project's lu	um	ninaires.					
¹ FOOTNOTES	:%(of Existing Lun	nina	ires Being Alte	ered	= (Sum Total o	of Lu	uminaires Being	Aa	dded or Altered	d / E	Existing Luminaires	with	in the Scope of the	Permit Application) x 10
C COMPLIA			_						_						
C. CONPLIA	tion	: If any coll or	, thi	is table says "D	000		/" 0	r "COMPLIES wit	b l	Exceptional Co	ndi	tions" refer to Table		for quidance	
Table Instruct	.ions	louistion of T	atal	Allowed Light	ina	Bower (Matt	1 51	AQ 7 or \$141 0			man	lions rejer to ruble	. D. J	Compliance Bos	lte
	La				ung 	Power (watts			<u>, o</u>	06		07			00
01			1	05	-	04		05	+	00		07		00	09
01	-	02	1							E de time					
01 General Hardscape		Per	1	Sales		Ornamental		Per Specific		Existing					
01 General Hardscape Allowance	+	Per Application	+	Sales Frontage	+	Ornamental §140.7(d)2	+	Per Specific Area O	R	Power	=		≥	Total Actual	07 Must be≥08
01 General Hardscape Allowance §140.7(d)1	+	Per Application §140.7(d)2	+	Sales Frontage <u>§140.7(d)2</u>	+	Ornamental <u>§140.7(d)2</u>	+	Per Specific Area <u>§140.7(d)2</u>	R	Power §141.0(b)2L	=	Total Allowed (Watts)	≥	Total Actual (Watts)	07 Must be≥08
01 General Hardscape Allowance §140.7(d)1 (See Table I)	+	Per Application §140.7(d)2 (See Table J)	+	Sales Frontage §140.7(d)2 (See Table K)	+	Ornamental §140.7(d)2 (See Table L)	+	Per Specific Area §140.7(d)2 (See Table M))R	Power §141.0(b)2L (See Table N)	=	Total Allowed (Watts)	2	Total Actual (Watts) (See Table F)	07 Must be ≥ 08

Cutoff Compliance (See Table G for Details)

Controls Compliance (See Table H for Details)

Nonresidential Compliance: <u>http://www.energy.ca.gov/title24/2019standards</u>

LE FOR THE ACCUI		CA Building E	nergy Efficier	ncy Standards - 2019
RESPONSIB	G			
VTS SHALL NOT BE		STATE OF CALIF Outdoor NRCC-LTO-E (Cr CERTIFICATE Project Nam	ORNIA Lighting eated 01/21) OF COMPL e: WING ess: 2850 V	IANCE S OF MEXICO
TS OFFICERS OR AGEN	F	Table Contin Table Instru- allowance cu is per <u>Table</u> <u>Table 140.7</u> expand sect the "Use it o	nued ctions: Plea alculations f <u>140.7-A</u> wh <u>-B</u> . Indicate ions for use or lose it" all	se complete this to per <u>§140.7</u> . Gener ile "Use it or lost it which allowances r input. Luminaire lowances shall not
GELES OR II		it or lose it" J. LIGHTING This Section	allowance. G ALLOWA Does Not A	NCE: PER APPLI
HE CITY OF LOS AND	E	K. LIGHTIN This Section L. LIGHTIN This Section	G ALLOWA Does Not A G ALLOWA Does Not A	ANCE: SALES FRO pply ANCE: ORNAMEN pply
	D	M. LIGHTIN This Section N. EXISTIN This Section	NG ALLOW Does Not A G CONDITI Does Not A ATION OF	ANCE: PER SPEC pply ONS POWER AL pply REQUIRED CERT
	-	Table Instruc Table E. Ada <u>title24/2019</u>	ctions: Sele litional Rem I <mark>standards/.</mark>	ctions have been r arks. These docur 2019_compliance_
		YES	NO	NRCI-LTO-01-E -
	_	۲	0	NRCI-LTO-02-E - recognized for co
	С	CA Building E	nergy Efficier	ncy Standards - 2019
	В			
	-			

tdoor Lighting -LTO-E (Created 01/21)				CALIFORNIA E	NERGY COMMI	SSI19
TIFICATE OF COMPLIANCE						NRCC-LTO-E
ect Name: WINGS OF MEXICO		Report Pag	ge:			Page 4 of 6
ect Address: 2850 W OBSERVATORY ROAD, LOS ANGELES, 900)27	Date Prepa	ared:			3/2/2022
e Continued		ŀ				
e Instructions: Please complete this table for areas using the			01			
vance calculations per <u>§140.7</u> . General Hardscape Allowance		"L	Jse it or lose it" Allow	ances (select all that	apply)	
r <u>Table 140.7-A</u> while "Use it or lost it" Allowances are per	General					
e 140.7-B. Indicate which allowances are being used to	Hardscape	Der Application	Colos Frontago			
and sections for user input. Luminaires that qualify for one of	Allowance		Sales Frontage	Unamental	Per sp	becilic Area
"Use it or lose it" allowances shall not qualify for another "Use						
lose it" allowance.	Table I (below)	Table J	Table K	Table L	Tab	le M
GHTING ALLOWANCE: PER APPLICATION						7
Section Does Not Apply						
GHTING ALLOWANCE: SALES FRONTAGE						2
Section Does Not Apply						
GHTING ALLOWANCE: ORNAMENTAL						2
Section Does Not Apply						
IGHTING ALLOWANCE: PER SPECIFIC AREA						2
Section Does Not Apply						
XISTING CONDITIONS POWER ALLOWANCE (alteration	s only)					2
Section Does Not Apply						
ECLARATION OF REQUIRED CERTIFICATES OF INSTALLA	TION					?
e Instructions: Selections have been made based on informati e E. Additional Remarks. These documents must be provided t 24/2019standards/2019_compliance_documents/Nonresident	on provided in previou to the building inspector ial_Documents/NRCI/	s tables of this docum or during construction	ent. If any selection r and can be found on	needs to be changed, line at <u>https://www.e</u>	please expla energy.ca.gov	in why in 1/
	_	(Field In	spector
YES NO	Form	n/Title			Pass	Fail
NRCI-LTO-01-E - Must be submitted for all	l buildings.					
NRCI-LTO-02-E - Must be submitted for a recognized for compliance.	lighting control system	n; or for an Energy Ma	anagement Control Sy	stem (EMCS), to be		
uilding Energy Efficiency Standards - 2019 Nonresidential Compliance	e: http://www.energy.ca	.gov/title24/2019standa	ards			January 2021

January 2021

Not Applicable

COMPLIES with Exceptional Conditions

STATE OF NRCC-LTC CERTIFIC Project Project Project Table In Table E.

2

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C:\Users\80518\Documents\Wings of the City_Central_erik.villanueva@lacity.org.rvt SHEET VERSION 4.0.1

NLY)

ON DATES

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STATE OF CALIF	ORNIA								
Outdoor	Lighting								
NRCC-LTO-E (Cr	reated 01/21)							CALIFORNIA ENERGY CO	MMISSI19
CERTIFICATE	E OF COMPLIANCE	CALIFORNIA ENER CALIFORNIA ENER CALIFORNIA ENER CONSTRUCTE CONSTRUCT CONSTRUCTION CONSTRUCTION			NRCC-LTO-E				
STATE OF CALIFORNIA							Page 2 of 6		
Project Addre	ATE OF CALIFORNIA PUTGOOR LIGHTING SCC-LTO-E (Created 01/21) ERTIFICATE OF COMPLIANCE oject Name: WINGS OF MEXICO ioject Name: WINGS OF MEXICO SANGELES, 90027 istable is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. able F. Outdoor Lighting Fixture Schedule Permit Applicant Notes: SL: EXCEPTION 2: LIGHTING FOR PUBLIC MONUMENTS OR STATUES able H. Outdoor Lighting Controls Permit Applicant Notes: WING OF MEXICO SCULPTURE: EXCEPTION #1 (<40 WATTS) AND EXCEPTION #2 (PUBLIC MONUMENT/SCULPTURE) ADDITIONAL REMARKS his table includes remarks made by the permit applicant to the Authority Having Jurisdiction. WO OUTDOOR UPLIGHTS WILL BE INSTALLED TO ILLUMINATE AN OUTDOOR MONUMENT/SCULPTURE. OUTDOOR LIGHTING FIXTURE SCHEDULE able Instructions: For new or altered lighting systems demonstrating compliance with <u>\$140.7</u> (ie Table I has expanded for input), include only new luminaires being installed and replacement luminaires be				3/2/2022				
D. EXCEPTIO	ONAL CONDITIONS								2
This table is	auto-filled with uneditable commer	nts because of	selections made o	r data entere	d in tables throughout	the form.			
Table F. Outo SL: EXCEPT Table H. Out WING OF I	door Lighting Fixture Schedule Pern TION 2: LIGHTING FOR PUBLIC MON tdoor Lighting Controls Permit Appl MEXICO SCULPTURE: EXCEPTION #3	nit Applicant N IUMENTS OR S icant Notes: L (<40 WATTS)	lotes: STATUES AND EXCEPTION	#2 (PUBLIC M	ONUMENT/SCULPTUR	E)			
E. ADDITIO	NAL REMARKS								?
This table ind	cludes remarks made by the permit	applicant to ti	he Authority Havir	ng Jurisdiction					
τωο ουτρο	DOR UPLIGHTS WILL BE INSTALLED	TO ILLUMINAT	E AN OUTDOOR N	ONUMENT/S	SCULPTURE.				
F. OUTDOO	OR LIGHTING FIXTURE SCHEDUL	E							2
Table Instruc	ctions: For new or altered lighting s	ystems demon	strating complian	ce with <u>§140.</u>	<mark>7</mark> (ie Table I has expan	ded for inp	ut), include all lu	uminaires being inst	alled and any
existing lumi	inaires remaining or being moved w	vithin the space	es covered by the	permit applic	ation in the Table belo	w. For alte	ered lighting syst	tems using the Exist	ing Power
method per	§141.0(b)2L (ie Table N has expand	ed for input), i	nclude only new l	uminaires beii	ng installed and replac	ement lum	inaires being ins	stalled as part of the	e project scope
(ie, do not in	nclude existing luminaires remaining	g or existing lu	minaires being mo	oved).					
Designed W	/attage:								
01	02	03	04	05	06	07	0.0	00	10

		Matte ner		Total		Excluded		Cutoff Req. ≥	Field In	snector
ne or n Tag	Complete Luminaire Description	luminaire ^{1,2}	determined	number	Luminaire Status ³	per	Design Watts	output		spector
				iuminaires-		<u>9140.7(a)</u>		<u>§130.2(b)</u> ⁴	Pass	Fail
SL	LIGHTVAULT LTV83	9	Mfr. Spec ¹	2	New	\checkmark		Exempt*		
					Total Design	ned Watts:				
DTES: S	Selections with a * require a note in t	the space below	v explaining how o	compliance is	achieved.					
Lumino	aire is lighting a statue; EXCEPTION 2	to <u>§130.2(b)</u> .								
SL	EXCEPTION 2: LIGHTING FOR PUBLIC	MONUMENTS	OR STATUES							

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

STATE OF CALIF	ORNIA							
Outdoor	Lighting							
NRCC-LTO-E (Cr	reated 01/21)		CALIFORNIA E	NERGY COMMIS	55119			
CERTIFICATE	OF COMPL	ANCE			NRCC-LTO-E			
Project Nam	e: WINGS	OF MEXICO	Report Page:		Page 5 of 6			
Project Address: 2850 W OBSERVATORY ROAD, LOS ANGELES, 90027 Date Prepared:								
P. DECLAR	ATION OF F	REQUIRED CERTIFICATES OF ACCEPTANCE			2			
Table Instru	ctions: Selec	tions have been made based on information provided in previous tables of	this document. If any selection needs to be changed, p	lease explair	n why in			
Table E. Add	litional Rem	arks. These documents must be provided to the building inspector during co	nstruction and must be completed through an Accept	ance Test Te	chnician			
Certification	Provider (A	TTCP). For more information visit: <u>http://www.energy.ca.gov/title24/attcp</u>	/providers.html					
VEC	NO	Form /Title		Field In	spector			
TES	NO	Formy Inte		Pass	Fail			
۲	0	NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls exce luminaires.	ot for alterations where controls area added to \leq 20					

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTO-E (Created 01/21)
CERTIFICATE OF COMPLIANCE
Project Name: WINGS OF MEXICO
Project Address: 2850 W OBSERVATORY ROAD
FOOINOIES: Authority Having Jurisdiction ma
² For linear luminaires, wattage should be indic
luminaires.
³ Select "New" for new luminaires in a new outo
"Existing to Remain" for existing luminaires wit
being removed and reinstalled as part of the pr
⁴ Compliance with mandatory cutoff requireme
G. CUTOFF REQUIREMENTS (BUG)
This Section Does Not Apply
H. OUTDOOR LIGHTING CONTROLS
Table Instructions: Complete this table demons
alteration projects, luminaires which are existin
even if they are within the spaces covered by th
When an option having a * is selected, the note
show "DOES NOT COMPLY" if the notes are left
dropdown list to indicate not applicable or an e
Mandatory Controls

Area Description	
WING OF MEXICO SCULPTURE	
NOTES: Controls with a * require a no	te in t

01

NOTES: Controls with a require a r	iote in
EX: Not permitted by health & safety	to be t
WING OF MEXICO SCULPTURE	EXCE

I. LIGHTING POWER ALLOWANCE (per §140.7) Table Continued

January 2021

STATE OF CALIFORNIA	
Outdoor Lighting	
NRCC-LTO-E (Created 01/21)	
CERTIFICATE OF COMPLIANCE	
Project Name: WINGS OF N	1EXICO
Project Address: 2850 W OBS	ERVATORY ROAD
DOCUMENTATION AUTHO	R'S DECLARATI
I certify that this Certificate of	Compliance doc
Documentation Author Name	:
Company:	CITY OF
Address:	1149 S. BROA
City/State/Zip:	LOS AN

Address:	1149 S. BRUA
City/State/Zip:	LOS AN
 RESPONSIBLE PERSON'S D I certify the following und 1. The information provid 2. I am eligible under Divi Compliance (responsib 3. The energy features an Certificate of Complian 4. The building design feat compliance documents 5. I will ensure that a com to the enforcement age 	DECLARATION STATE ler penalty of perjur led on this Certificat sion 3 of the Busine le designer) d performance spec ce conform to the re tures or system desi s, worksheets, calcul apleted signed copy ency for all applicabl
documentation the bui	Ider provides to the
documentation the bui Responsible Designer Nam	Ider provides to the ne:
documentation the bui Responsible Designer Nam Company :	Ider provides to the ne: CITY OF
documentation the bui Responsible Designer Nam Company : Address:	Ider provides to the ne: CITY OF 1149 S. BROA

January 2021

13	14	15	16
		CALIFORNIA ENERG	
			NRCC-LTO-E
	Report Page:		Page 3 of 6
, LOS ANGELES, 90027	Date Prepared:		3/2/2022
y ask for Luminaire cut sheets to cor ated as W/lf instead of Watts/lumin	nfirm wattage used for compliance per <u>§13</u> aire. Total linear feet for the luminaire sh	<u>80.0(c)</u> ould be indicated in column 05 i	instead of number of

tdoor lighting project or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select ithin the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are oroject scope ents is required for luminaires with initial lumen output $\geq 6,200$ unless exempted by <u>§130.2(b)</u>.

nstrating compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For ing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table the permit application. tes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will t blank. For each requirement in columns 02 through 04, do not leave the field blank, instead select NA or Exempt* from the exemption. 04 02 03 05 Field Inspector Shut-Off Auto-Schedule Motion Sensor <u>§130.2(c)1</u> <u>§130.2(c)2</u> <u>§130.2(c)3</u> Pass Fail Astronomical Timer Exempt * Yes

the space below explaining how compliance is achieved. turned off; EXCEPTION 1 to <u>§130.2(c)</u>.

CEPTION #1 (<40 WATTS) AND EXCEPTION #2 (PUBLIC MONUMENT/SCULPTURE)

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

CALIFORNIA ENERGY COMMISSION NRCC-LTO-E Report Page: Page 6 of 6 D, LOS ANGELES, 90027 Date Prepared: 3/2/2022 ION STATEMENT cumentation is accurate and complete Documentation Author Signature: SON VUONG SON TUAN VUONG LOS ANGELES 3/2/2022 Signature Date: ADWAY, SUITE 830 CEA/ HERS Certification Identification (if applicable): NGELES, CA 90015 (213) 485-4897 Phone:

EMENT

ury, under the laws of the State of California: ate of Compliance is true and correct.

ness and Professions Code to accept responsibility for the building design or system design identified on this Certificate of

cifications, materials, components, and manufactured devices for the building design or system design identified on this requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. sign features identified on this Certificate of Compliance are consistent with the information provided on other applicable lations, plans and specifications submitted to the enforcement agency for approval with this building permit application. y of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available able inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the

le building owner at occupancy.		
SON TUAN VUONG	Responsible Designer Signature:	SONVUONG
F LOS ANGELES	Date Signed:	3/2/2022
ADWAY, SUITE 830	License:	E22345
NGELES, CA 90015	Phone:	(213) 485-4897

CA Building B	Energy Efficiency Standards - 2019 N	Nonresidential Compliance: <u>http://www.en</u>	ergy.ca.gov/title24/2019standards		January 2021
					SITE
	12	13	14	15	N 16

	CITY OF LOS ANGELES										
		PROFESSIONAL	LIPER TUAN WOLF				// */		E FORMER AND	02 LECLING	
BUREAU OF ENGINEERING	VERTICAL CONTROL: HORIZONTAL CONTROL:			SHEET TITLE: TITLE 24 (OUTDOOR LIGHTING)			PROJECT: "WINGS OF THE CITY" SCULPTURE INSTALLATION			ADDRESS: 2850 W OBSERVATORY RD LOS ANGELES 90027	
ORKS	DATE BY										104 1
NT OF PUBLIC W	REVISION DESCRIPTION									JEX NO.	
	R NO.										
DEPAR	CITY ENGINE	DATE									RCHITECT
LOS ANGELES	GARY LEE MOORE, P.E., ENV SP	DESIGN GROUP		ENGINEER: SON TUAN VUONG			DESIGNED BY: SON TUAN VUONG		DRAWN BY: SON TUAN VUONG	CHECKED BY: SON TUAN VUONG	APPROVED BY: STEVEN FIERCE, AIA PRINCIPAL A
ЦО			N	WC E	DRI 19	< 0	ori 89	DE 31	R		
CITY	SHEET NAME E101 SHEET 11 OF SHEETS										
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January 2021