

25-144

NO

DATE	August 21, 20	25	_				C.D		13	
BOARD O	F RECREATION	N AND PAI	RK COM	MISSIC	NERS					
SUBJECT:	CALIFORM ARTICLE STRUCTU COMMERI CEQA GU	ARK SKATI OF SIGNIA ENVIRO 19, SECTION RES ACC CIAL, INDU IDELINES ACC CITY CEQA	SNAGE; ONMENT N 15311 CESSOR ISTRIAL, AND ART	CATE FAL QUE FOR TO OR INTELLE II	GOŔICA JALITY TRUCTIO (APF NSTITUT	L EX ACT (ON, OR PURTEI IONAL	EMPTIC (CEQA) (PLACE NANT FACILI	N FF PURS MENT TO) TIES]	ROM SUANT OF MI EXIS OF ST	THE TO NOR TING TATE
B. Aguirre B. Jones C. Stoneham	for*	M. Rudnick C. Santo Doming N. Williams	o DF	_ _ _						
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						Ge	neral Ma	anager		
Approved .	Х		Disappro	ved			Wit	ndrawn		

RECOMMENDATIONS

BOARD REPORT

- 1. Approve the final plans for the "Skateboard Palm Tree" shade structures and signage, as further described in the Summary and Attachment No. 2 of this Report (Project);
- 2. Authorize the General Manager to execute the Memorandum of Understanding (MOU) with the Department of General Services (GSD) and the Bureau of Engineering (BOE) for the construction of the Project, in substantially the form included herein as Attachment No. 3, subject to the approval of the City Attorney as to form;
- 3. Approve the award of the construction services for the Project to the Department of General Services for an amount not to exceed \$130,000, including the contingency;
- 4. Approve the authorization of change order as authorized under Board Report No. 06-136, for the MOU in the budget contingency amounts for the MOU as stated in this Report;
- 5. Determine that the proposed Project is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to Article 19, Section 15311 [Construction, or Placement of Minor Structures Accessory to (Appurtenant to) Existing Commercial, Industrial, or Institutional Facilities] of State CEQA Guidelines as well Article III, Section 1, Class 11(1) and Class 11(6) of City CEQA Guidelines, and direct staff at the Bureau of Engineering (BOE) to file a Notice of Exemption with the Los Angeles County Clerk and the Governor's Office of Land Use and Climate Innovation; and,

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6. Authorize RAP staff to make technical corrections as necessary to carry out the intent of this Report.

BACKGROUND

On March 4, 2021, the Recreation and Parks Board of Commissioners (Board) approved the final acceptance report (Report No. 21-033) for the Echo Park Skatepark, which is included herein as Attachment No. 1. The facility has been open to the public since March 4, 2021.

During the Schematic Design Phase, three "Skateboard Palm Trees" shade structures and new brass signage (as further described in Attachment No 2) were removed from the scope of work to reduce the construction costs. Subsequently, the three proposed shade structures and new brass signage were not initially included in the CEQA analysis for the Echo Park Skatepark approved in Report No. 18-068.

After construction was completed, the Council Office (CD13) requested the installation of the previously noted elements, if additional funding was identified. \$130,000 of Sites and Facilities funding was identified for the Project in the FY19-20 3rd Construction Project Reports (CPR) to offset any funding shortfalls. In order to safeguard the additional funding, the Department of General Services (GSD) was tasked to complete the design and construction of the signage and shade structure.

The Bureau of Engineering (BOE) has since determined that sufficient funds exist to complete this work. Due to the unique and limited scope of the project, the BOE recommends that the Department of General Services (GSD) perform this work. The Draft MOU has been drafted and is included herein as Attachment No. 3. Plans for the work have been completed by BOE and GSD. GSD has obtained the permit for this work. Construction is expected to be completed by August 2026.

GSD's current estimate for this work is approximately \$113,517; allowing for a \$16,483 contingency, the total project cost is \$130,000.

TREES AND SHADE

Existing trees and shade structure canopies will not be decreased by this Project, which will increase the shade canopies around the entrance of the Skatepark, near benches for seating.

ENVIRONMENTAL IMPACT

The proposed Project consists of the installation of accessory structures and new signage.

According to the parcel profile report retrieved on March 8, 2025, this area resides in the methane zone. The construction of this Project will not expose patrons to the risk of additional methane seepage. This site is not within a liquefaction or coastal zone, so there is no reasonable possibility that the proposed 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

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involve cumulatively significant impacts, and no future projects would result from the proposed Project. As of March 8, 2025, the State Department of Toxic Substances Control (DTSC) (Envirostor at www.envirostor.dtsc.ca.gov) and the State Water Resources Control Board (SWRCB) (Geotracker at https://geotracker.waterboards.ca.gov/) have not listed the Project site or any contaminated sites near the Project area (within 1,000 feet). According to the Caltrans Scenic Highway Map, there is no scenic highway located within – or adjacent to – the Project site. Furthermore, the proposed Project is located at Echo Park, a City of Los Angeles Historic Cultural Monument (HCM) (No. 836). The Skatepark was constructed in 2021, just east of the historic Echo Park Recreation Center building. The Project is located within a recent non-contributing element of the HCM near the southeast boundary of the HCM. Given the Project location and design, it is not anticipated to have an impact the eligibility or designation of the HCM.

Based on this information, staff recommends that the Board determines that the proposed Project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Article 19, Section 15311 of California CEQA Guidelines and Article III, Section 1, Class 11(a) and Class 11(6) of City CEQA Guidelines. Staff will file a Notice of Exemption with the Los Angeles County Clerk and the Governor's Office of Land Use and Climate Innovation upon Board's approval.

FISCAL IMPACT

There is no immediate negative fiscal impact to RAP's General Fund as a result of this Project, which – as previously noted – is fully funded. The scope of work should not increase the maintenance costs, as the Skatepark is currently open to serve the community.

This Report was prepared by Richard Campbell, Project Manager, and reviewed by Ohaji Abdallah, Proposition K Program Manager, Architectural Division, Bureau of Engineering, and Darryl Ford Superintendent, Planning, Construction, and Maintenance Branch, Department of Recreation and Parks.

LIST OF ATTACHMENTS

- 1) Attachment No. 1 Board Report No 21-033 Echo Park Skatepark Final Acceptance
- 2) Attachment No. 2 "Skateboard Palm Trees" and New Signage Construction Documents
- 3) Attachment No. 3 Draft MOU between GSD, BOE, and RAP



BOARD RE	PORT		NO	21-033
DATE	March 04, 2021	_	C.D.	13
BOARD OF	RECREATION AND PA	ARK COMMISSIONER	S	
SUBJECT:	ECHO PARK SKAT CONTRACT NO. 359	FE PARK (PRJ20837) 98 – FINAL ACCEPTAN		SF) PROJECT -
AP Diaz H. Fujita V. Israel	M. Rudnick C. Santo Domingo N. Williams	DF		
			<i>M. J. J.</i> General Ma	
Approved _	X	Disapproved	With	drawn

RECOMMENDATIONS

- Accept the work performed for the Echo Park Skate Park (PRJ20837) (W.O. #E170186F) Project (Project) by California Landscape and Design, Inc. (CLD), a Department of Recreation and Parks' (RAP) as-needed on-call contractor, under Contract No. 3598, as outlined in the Summary of this Report;
- 2. Approve the change orders for this Project as set forth in Attachment 3 of this Report;

SUMMARY

The Project is located at 1632 Bellevue Avenue, Los Angeles, CA 90026, within Echo Park, which is located at 751 Echo Park Avenue in the Echo Park community of the City of Los Angeles (City) in Council District Thirteen (CD13). Echo Park encompasses a 28.14-acre area that offers a variety of active and passive recreational activities with facilities including a lake, a boathouse for pedal boat rental, a café for food and beverage services, a recreation center, two children's play areas, tennis courts, walking paths, and is the hosting site of the famous annual Festival. Echo Park is registered Historic Cultural а (No. 836) of the City. An estimated 18,431 City residents live within a one-half mile walking distance of Echo Park. Due to the facilities, features, programs, and services it provides, Echo Park meets the standard for a Community Park, as defined in the City's Public Recreation Plan. The Project is a Proposition K 8th Cycle Competitive Grant project. The new Echo Park Skate Park has been constructed at the location of the long-closed Echo Park Shallow Pool, located along Bellevue Avenue and the U.S. 101 (Hollywood) Freeway, just east of Glendale Boulevard.

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The Project consists of demolishing the aged and unused shallow swimming pool, located just east of the historic, and recently renovated, Echo Park Recreation Center building, and constructing a new 7,500-square-foot skate park facility for use by beginner skateboarders and teen skateboarders. The new skateboard facility consists of approximately 7,100 square feet of concrete skating area with various skateboard features, including a 5-stair feature with rails, a bump to ledge, a small bowl, a curb ledge, a "China" bank, a "hip", a "waterfall", and a "hubba" ledge. The Project also includes a shade structure with a brick seating wall, wrought iron fencing and gates, upgraded vinyl-coated chain link fencing, a brick monument wall (repeating the brick façade of the adjacent historic Recreation Building), a 400-square-foot entry plaza with eight entry blocks for seating, three security lights, and a drinking fountain.

The Project initially called for open, competitive bids from all regular general contractors (Report No. 18-068, Attachment No. 1). Two (2) bids were received on June 21, 2018, neither of which were determined to be responsive and responsible, and were allowed to expire on December 18, 2018. Subsequently, the Project was bid out to RAP's as-needed on-call contracts (Report No. 19-069, Attachment No. 2). CLD submitted the lowest responsive and responsible bid, and a Notice to Proceed (NTP) letter was issued to CLD on June 5, 2019.

Plans and specifications were prepared by design consultant HMC Architects under the direction and supervision of the Architectural Division of the Bureau of Engineering (BOE). BOE performed project management and construction management services for the Project, while the Bureau of Contract Administration (BCA) performed the construction inspections. BOE has informed RAP that the Project is complete, and has received a Statement of Completion from BCA, and Certificates of Occupancy for both the shade structure and the skate park from the Department of Building and Safety. The breakdown of the total construction cost is as follows:

NTP Amount	Change Order Amount	Change Order Percentage	Final Construction Cost		
\$910,750.00	\$215,425.79	23.7%	\$1,126,175.79		

The Project's construction has a total of twenty (20) executed change orders for a total amount of Two Hundred Fifteen Thousand, Four Hundred Twenty-Five Dollars and Seventy-Nine Cents (\$215,425.79), or 23.7% of the original NTP amount. The major change orders, which exceeded \$25,000 in value were:

- 1. The grading design underestimated the required amount of net fill material. An additional 300 cubic yards of fill material were imported to complete the backfill and grading work by Change Order No. 5 in the amount of \$25,875.00.
- 2. The plans detailing the required Low Impact Development (LID) design features were inadvertently omitted from the bid package. The required bio-filtration planter to meet the LID compliance was added by Change Order No. 8 in the amount of \$80,199.00.

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The table below provides a summary of the change orders and their categories:

Change Order Category	No. of Change Orders	Change Order Amount	Percentage of the Contract Award Amount
Unforeseen Conditions	12	\$61,752.00	6.8%
Errors and Omissions	7	\$150,894.00	16.6%
Change in Scope	1	\$2,779.79	0.3%
TOTAL	20	\$215,425.79	23.7%

The construction of the Project was funded by Proposition K, CIEP, Quimby, and Sites and Facilities funds.

RAP staff consulted with the Office of Contract Compliance (OCC), BCA of the Department of Public Works, concerning the status of the labor compliance requirements on the Project. OCC reported that CLD is in compliance.

TREES AND SHADE

There were no trees added or removed as part of the Project. A 312-square-foot shade structure was constructed as part of the Project.

ENVIRONMENTAL IMPACT

The Project was previously evaluated for environmental impact in accordance with the California Environmental Quality Act (CEQA), and the Board of Recreation and Park Commissioners determined that it is categorically exempt from the provisions of CEQA (Report No. 18-068). A Notice of Exemption (NOE) was filed with the Los Angeles City Clerk and the Los Angeles County Clerk on April 23, 2018. RAP staff has determined that the Project and the environmental conditions of the site have not substantially changed since the previous evaluation. Therefore, no additional CEQA documentation is required.

FISCAL IMPACT

There is no immediate fiscal impact to RAP's General Fund as a result of this Project. Maintenance funds for the new skate park will be requested as part of the annual City budget process. This budget will include part time staff, materials and supplies and will provide year-round maintenance.

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STRATEGIC PLAN INITIATIVES AND GOALS

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

Goal No. 1: Offer Affordable and Equitable Recreational Programming **Outcome No. 1**: Improved health and social equity for young Angelenos

This Report was prepared by Richard Campbell, Project Manager, Architectural Division and reviewed by Steven Fierce, Principal Architect, BOE Architectural Division; Deborah Weintraub, Chief Deputy City Engineer BOE; Sean Phan, Planning, Construction and Maintenance Branch and Darryl Ford, Superintendent, Planning, Construction and Maintenance Branch, RAP.

LIST OF ATTACHMENTS

Attachment No. 1 – Report No. 18-068 Attachment No. 2 – Report No. 19-069 Attachment No. 3 – Change Orders Log

Attachment No. 1



BOARD OF RECREATION
AND PARK COMMISSIONERS

NO.	18-068

DATE April 18, 201	18
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C.D. ____13

BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: ECHO PARK - SKATE PARK (PRJ20837) (W.O. #E170186F) -APPROVAL OF FINAL PLANS AND CALL FOR BIDS: CATEGORICAL EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) PURSUANT TO ARTICLE III, SECTION 1, CLASS 1(11d) REMOVAL OF IDEMOLITION AND EXISTING ACCESSORY STRUCTURES], CLASS 1(12) [OUTDOOR LIGHTING AND FENCING]. CLASS 3(6) [CONSTRUCTION OF NEW ACCESSORY FACILITIES]. CLASS 3(8) [ADDITIONS TO UNDERGROUND ELECTRIC AND WATER UTILITY DISTRIBUTION SYSTEM FACILITIES], CLASS 11(3) [CONSTRUCTION ACCESSORY GAME COURTS AND PLAY EQUIPMENT] AND CLASS 11(6) [CONSTRUCTION OR PLACEMENT STRUCTURES ACCESSORY MINOR TO EXISTING

		INSTIT	UTIONAL F	ACILITIES] O	F THE CITY CEQA GUIDELINES
for	AP Diaz *R. Barajas H. Fujita	<u> 150</u>	V. Israel S. Piña-Cortez N. Williams		
					More Divillia- General Manager
	Approved	X		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, for the Echo Park Skate Park (PRJ20837) (W.O. #E170186F) Project;
- 2. Approve the reduction in the value of the work that the specifications require to be performed by the prime contractor from 30% to 20% of the base bid price;
- 3. Approve the date to be advertised for receipt of bids as Thursday, May 17, 2018, at 1:00 P.M. in the Board Office;
- 4. Find that the proposed project is categorically exempt from California Environmental Quality Act (CEQA);

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- Direct the Department of Public Works, Bureau of Engineering (BOE), Environmental Management Group (EMG) staff to file the Notice of Exemption with the Los Angeles County Clerk within five (5) working days of project approval; and,
 - Authorize the Department of Recreation and Parks' (RAP) Chief Accounting Employee to make technical corrections as necessary to carry out the intent of this Report

SUMMARY

The Echo Park -- Skate Park (PRJ20837) (W.O. #E170186F) Project (Project) will be located at 1632 Bellevue Avenue, Los Angeles, California 90026, within Echo Park which is located at 751 North Echo Park Boulevard in the Echo Park neighborhood of the City (Council District No. 13). Echo Park (City of Los Angeles Historic Cultural Monument No. 836) is a 28.14 acre park that provides a lake and boathouse, recreation center, children's play areas, tennis courts, swimming pool, and a walking path. An estimated 18,431 City residents live within a one-half (½) mile walking distance of Echo Park. Due to the facilities, features, programs, and services it provides, Echo Park meets the standard for a Community Park, as defined in the City's Public Recreation Plan. The Echo Park Skate Park project is Proposition K 8th Cycle Competitive Grant project.

The Echo Park -- Skate Park (PRJ20837) (W.O. #E170186F) Project (Project) submitted for approval herein consists of demolishing the aged and unused shallow swimming pool just east of the historic recreation building, and constructing a new 7,500 square foot skate park facility for use by beginning skateboarders and teen skateboarders. The new facility will consist of approximately 7,100 square feet of concrete skating area with various skateboard features, including a 5-stair feature with rails, a bump to ledge, a small bowl, a curb ledge, a "China" bank, a "hip", a "waterfall", and a "hubba" ledge. The Project also includes a shade structure with a brick seating wall, wrought iron fencing and gates, PolyVinyl Chloride (PVC) coated chain link fencing with a large mesh sign attached, reading "ECHO SKATE PARK." A brick monument wall with a sign (repeating the brick façade of the historic Recreation Building), a 400 square foot entry plaza with eight entry blocks with signage and for seating, three (3) security lights, and a drinking fountain are also included in the plans for the project.

As required by Proposition K, three (3) Local Volunteer Neighborhood Oversight Committee (LVNOC) meetings occurred on October 8, 2015, November 4, 2015, and December 2, 2015, with substantial attendance and participation from the community. The designer presented three (3) options for the design of the skate park. The LVNOC

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chose the option with street style skateboarding around a small bowl in the center, which is the option contained in the plans. The LVNOC and Council District No. 13 are in full support of the project.

HMC Architects prepared the plans and specifications, and obtained all of the necessary approvals for the Project. BOE will be providing the construction management services on the construction of this project. The City Engineer's estimate for the construction work is Eight Hundred Sixty-Two Thousand Dollars (\$862,000.00).

Funding for this Project is available from the following funds and accounts:

Funding Source Fund/Dept./Acct No.
Proposition K Year 18
Proposition K Year 19
Quimby Fund/Dept./Acct No.
43K/10/10LK02
43K/10/10MPCI
302/89/460K-EC

It has been the policy of the Board to require that the prime construction contractor on projects perform a minimum of 30% of the work, as measured by the base bid price. However, it is recommended that the Board approved reducing the prime contractor's participation requirement from 30% to 20% on this project. This is due in large part to the bid involving a specialized skate park subcontractor. This should help attract a broader range of prime contractors, thus creating a more inviting and competitive bidding environment for this project. In addition, it should create a more competitive pricing among the specialty subcontractors providing bids to the prime contractors.

TREES AND SHADE

The project includes a shade structure that will provide 340 square feet of shade. There is no planting of new trees planned for this project.

ENVIRONMENTAL IMPACT STATEMENT

The proposed project will consist of construction of new accessory (appurtenant) structures, including concrete skateboard surfaces, walkways retaining walls, fences, and drinking fountains. Therefore, 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 1(11d, 12), Class 3(6, 8), and Class 11(3, 6) of the City CEQA Guidelines without exception. Staff recommends that the Board request BOE to file a Notice of Exemption with the Los Angeles County Clerk upon approval of the exemption by the Board.

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FISCAL IMPACT STATEMENT

The project will be funded by the aforementioned funding sources. There is no immediate fiscal impact to RAP's General Fund. The future maintenance and operations costs will be requested through the City budget process.

This Report was prepared by Richard Campbell, Project Manager, BOE Recreational and Cultural Facilities Program, Reviewed by Neil Drucker, Program Manager, BOE Recreational and Cultural Facilities Program; and Cathie Santo Domingo, Superintendent, Planning, Maintenance and Construction Branch.

19-069

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ROARD REPORT	

	DATE	April 3, 2019		_			C.D.	13	
	BOARD O	F RECREAT	TION AND P	ARK COM	MISSION	NERS			
	SUBJECT:		PARK - LLATION OF		PARK	(PRJ20837)	(W.O.	#E170186F)	-
for	AP Diaz *R. Barajas H. Fujita	CSP	V. Israel S. Piña-Cortez N. Williams						
					-/	m. D	eneral Ma	anager	_
	Approved	X		Disappro	oved		With	drawn	

RECOMMENDATIONS

- 1. Cancel all bids for the Echo Park Skate Park (PRJ20837) (W.O. #E170186F) Project (Project) received on June 21, 2018;
- 2. Approve the Echo Park Skate Park (PRJ20837) (W.O. #E170186F) to be re-bid and constructed through the Department of Recreation and Parks (RAP) list of pre-qualified on-call contractors; and,
- 3. Authorize RAP's Chief Accounting Employee or Designee to make technical corrections as necessary to carry out the intent of this Report.

SUMMARY

The proposed Echo Park - Skate Park (PRJ20837) (W.O. #E170186F) Project will be located at 1632 Bellevue Avenue, Los Angeles, California 90026, within Echo Park, which is located at 751 North Echo Park Boulevard in the Echo Park community of the City (Council District No. 13). The overall Echo Park is an approximately 28 acre park that provides a lake and boathouse, recreation center, children's play areas, tennis courts, swimming pool, and a walking path. Echo Park is a City of Los Angeles Historic Cultural Monument No. 836. An estimated 18,431 City residents live within a one-half (½) mile walking distance of Echo Park. Due to the facilities, features, programs, and services it provides, Echo Park meets the standard for a Community Park, as defined in the City's Public Recreation Plan. The Echo Park Skate Park Project is a Proposition K 8th Cycle Competitive Grant project. The new skate park will be constructed at the location of the long closed Echo Park Shallow Pool, located along Bellevue Avenue and the U.S. 101 (Hollywood) Freeway, just easterly of Glendale Boulevard.

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The Project's scope of work consists of demolishing the aged and unused shallow swimming pool, located just east of the historic, and recently renovated, Echo Park recreation center building, and constructing a new 7,500 square foot skate park facility for use by beginning skateboarders and teen skateboarders. The new facility will consist of approximately 7,100 square feet of concrete skating area with various skateboard features, including a 5-stair feature with rails, a bump to ledge, a small bowl, a curb ledge, a "China" bank, a "hip", a "waterfall", and a "hubba" ledge. The project also includes a shade structure with a brick seating wall, wrought iron fencing and gates, Polyvinyl chloride (PVC) coated chain link fencing with a large mesh sign attached, spelling "ECHO SKATE PARK." A brick monument wall with a sign (repeating the brick façade of the historic Recreation Building), a 400 square foot entry plaza with eight (8) entry blocks with signage and for seating, three (3) security lights, and a drinking fountain are also included in the plans for the project.

On April 18, 2018, the Board of Recreation and Park Commissioners (Board) approved the final plans and call for bids and Categorical Exemption from provisions of the California Environmental Quality Act (CEQA) (Report No. 18-068). Staff received two (2) bids from ARC Construction, Inc. and AKG Construction, Inc. on June 21, 2018. The bid amounts received were: \$938,000 and \$960,784, respectively. The lowest bid was deemed non-responsive, due to the lack of submitting the experience questionnaire required by the bid documents. The second bid, after extensive investigation, was also deemed non-responsive, due to the lack of the experience of the General Contractor and/or their bid-listed Sub-Contractors, as required by the bid documents. Both bids were allowed to expire on December 18, 2018. After discussion and reviewed by staff of RAP and BOE, it was determined that the work can be performed by RAP's pre-qualified on-call contractors.

Staff recommends the Project be constructed by the RAP's on-call contractors and RAP staff will provide construction management services during the construction of these improvements.

HMC Architects, under the direction of Bureau of Engineering (BOE), prepared the plans and specifications, and obtained all of the necessary approvals for the project. The City Engineer's estimate for the construction work is \$862,000.

Funding for this project is available from the following funds and accounts:

FUNDING SOURCE FUND/DEPT NO./ACCT. NO.
Proposition K 43K/10/10LK02
Proposition K 43K/10/10MPCI
Quimby Funds 302/89/89460K-EC
Sites & Facilities (2017-2018) 209/88/88PACL

TREES AND SHADE

The Project includes a shade structure that will provide 340 square feet of shade. This Project does not propose the planting of new trees nor the removal of existing trees.

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FISCAL IMPACT STATEMENT

There is no immediate fiscal impact to RAP's General Fund. Future costs for operations and maintenance have not yet been determined but will be addressed in future budget requests.

This Report was prepared by Richard Campbell, Project Manager, BOE Architectural Division, Recreational and Cultural Facilities Program. Reviewed by Neil Drucker, BOE Architectural Division, Interim Division Manager; and Cathie Santo Domingo, Superintendent, Planning, Maintenance and Construction Branch.

City of Los Angeles - Department of Public Works - Bureau of Engineering W.O. No. E170186F

CHANGE ORDER LOG

Jan-14-2021

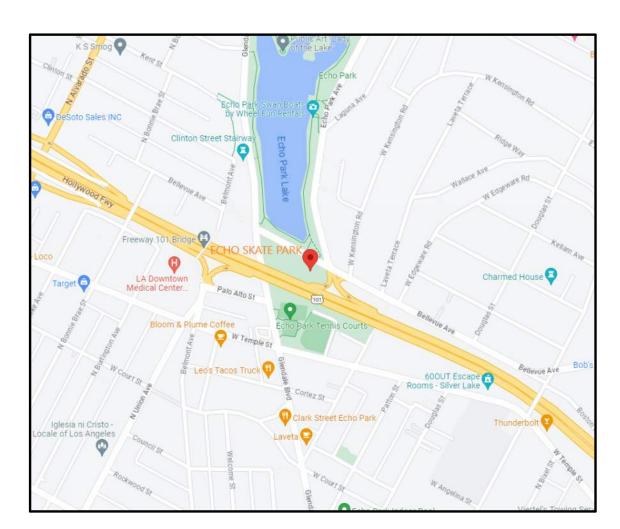
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СО	COR		Payment	СО	COIN	COIN	ECO	GC	GC	City	Agreed	Agreed	CO	СО	Ext.
No.	No.	Subject	Type	Cat.	Date	Est.	T&M	Proposal	Proposal	Estimate	Amount	Date	Status	Date	Cal.
1	001 00	Addition of a County stine Businet Cine	1.0	-	00/20/10	(\$)	Date	(\$) \$3,694.35	Date 00/15/10	(\$) \$2,915.00	(\$) \$2,915.00	00/02/10	EXEC	09/04/19	Days 0
2	001-R0	Addition of a Construction Project Sign	LS LS	E U	08/20/19	\$5,000.00	08/20/19	\$1,830.19	, -, -	\$2,915.00	\$2,915.00	09/03/19 09/03/19	EXEC	09/04/19	0
3	004-R0	Unforeseen Transite Pipes	LS	U	08/21/19	\$10,000.00	08/29/19	\$1,830.19	, -, -	\$1,830.00	\$1,830.00		EXEC	09/04/19	
3	005-R0	Removal and Disposal of Asbestos Pipes	LS	U	08/29/19	\$25,000.00	09/03/19	\$13,090.82	08/26/19	\$13,097.00	\$13,097.00	09/03/19	EXEC	09/04/19	10
	000 00	Demolition of Existing Footing at North Existing	1.0	Е	00/12/10	¢25 000 00	00/10/10		09/06/19						
4	006-R0	Concrete Wall and New Monument Wall	LS	E	09/12/19	\$25,000.00	09/16/19	\$15,127.37	09/06/19	\$12,500.00	\$13,000.00	09/16/19	EXEC	09/17/19	0
5	007-R0	Import of Fill Material	LS	Е	09/20/19	\$50,000.00	09/23/19	\$37,580.16	09/17/19	\$25,875.00	\$25,875.00	10/09/19	EXEC	10/10/19	0
,	007-110	Addition of 2'-Tall Concrete Wall @ South			09/20/19	\$30,000.00	03/23/13	\$57,500.10	03/17/13	\$23,073.00	723,073.00	10/03/13	EXEC	10/10/13	-
6	008-R0	West Corner of Existing Skate Park	LS	Ε	10/01/19	\$5,000.00	10/02/19	\$1,095.91	09/27/19	\$1,096.00	\$1,096.00	10/07/19	EXEC	10/08/19	0
		Demolition and Replacement of a Portion of						71,055.51		71,030.00	71,030.00	10/07/13	EXEC	10/00/13	-
7	009-R0	Existing Concrete Wall	LS	Ε	10/01/19	\$10,000.00	10/02/19	\$6,823.72	09/27/19	\$4,135.00	\$4,135.00	10/07/19	EXEC	10/08/19	0
8	003-R0	Addition of a Bio-Infiltration Planter	LS	Е	12/12/19	\$100,000.00	12/16/19	\$93,195.17	08/26/19	\$70,349.08	\$80,199.00	12/23/19	EXEC	01/06/20	0
9	010-R0	Bid Set Plans Difference and Discrepancies	LS	E	12/12/19	\$50,000.00		\$29,296.08		\$23,674.00	\$23,674.00	02/27/20	EXEC	02/28/20	0
10		Rainy and Mud Delays Time Extension	LS	U	01/27/20	\$0.00	01/28/20	\$0.00	01/29/20	\$0.00	\$0.00	01/29/20	EXEC	01/31/20	8
		Removal and Disposal of an Asbestos Pipe at				,		70.00		70.00	70.00	,,		,,	
11	012-R0	the LID Planter Area	LS	U	01/31/20	\$10,000.00	02/03/20	\$8,389.00	01/29/20	\$7,809.00	\$7,809.00	02/04/20	EXEC	02/05/20	0
		Time Extension Due Delays For Asbestos						, -,		, ,	, ,	- , - , -		, ,	
12	013-R0	Encountered @LID Planter	LS	U	03/03/20	\$0.00	03/04/20	\$0.00	02/21/20	\$0.00	\$0.00	03/05/20	EXEC	03/09/20	10
13	015-R0	2" Sand On Top Throughout Skatepark	LS	U	03/17/20	\$10,000.00	03/17/20	\$13,358.89	03/17/20	\$10,137.00	\$10,137.00	03/17/20	EXEC	03/23/20	2
14	016-R0	Rainy and Mud Delays Time Extension	LS	U	04/16/20	\$0.00	04/16/20	\$0.00	04/15/20	\$0.00	\$0.00	04/16/20	EXEC	04/20/20	16
15	017-R0	Matanagina Insida IID Diantag	1.0		05 /4 0 /20	¢E 000 00	05 /10 /20	\$2,841.27	05/13/20						
15	020-R0	Waterprofing Inside LID Planter	LS	U	05/18/20	\$5,000.00	05/19/20	\$1,138.00	06/01/20	\$0.00	\$1,230.00	06/02/20	EXEC	06/04/20	2
16	018-R0	Change Metal Based Boxes For Light Poles	LS	U	05/18/20	\$5,000.00	05/19/20	\$1,722.60	05/14/20	\$1,545.00	\$1,545.00	06/02/20	EXEC	06/04/20	1
17	019-R0	Time Extension Request	LS	U	05/26/20	\$0.00	05/26/20	\$0.00	05/22/20	\$0.00	\$0.00	05/27/20	EXEC	05/28/20	18
18	021-R0	New Chain Link Fence and Property Security	LS	U	06/11/20	\$25,000.00	06/12/20		06/09/20						
10	021-NU	Services	L3	U	00/11/20	\$23,000.00	00/12/20	\$3,193.34	00/03/20	\$9,580.00	\$9,580.00	06/24/20	EXEC	06/30/20	42
19	022-R0	Property Security Services & 2" Additional	LS	u	07/22/20	\$25,000.00	07/22/20		07/20/20						
13	022 110	Temporary Sand Protection		٥		723,000.00	07/22/20	\$19,746.00		\$16,524.00	\$16,524.00	07/23/20		07/23/20	
20	023-R0	Final Close Out Change Order	LS	S	08/21/20	\$5,000.00	08/25/20	\$647.00	08/24/20	\$2,779.80	\$2,779.79	08/25/20	EXEC	08/26/20	16
		Original Contract	\$910,750.00		Т	ime Extension	142	Payment Type:		CO Category:		U: Unforeseen	12	\$61,	752.00
Original Contingency \$91,075.00			Approve	ed Comp. CD's	0	LS: Lump Sum				E: Errors & Omissions	7	\$150,8	894.00		
Revised Contingency \$227,075.00			Approved No	on Comp. CD's	142	TM: Time & Material				S: Change in Scope	1	\$2,	779.79		
								CAN: Canceled							
Executed COs & UCOs \$215,425.79						CO Status:				Executed COs	20	\$215,4	425.79		
CO Percentage 23.65%						EXEC: Executed				Executed UCOs	0		\$0.00		
Revised Contract \$1,126,175.79							NEG: Negotiated				Forecasted COs	0		\$0.00	
Revised Contract \$1,126,175.79 Remaining Contingency \$11,649.21							UNR: Unresolved				Canceled COs	0			
		Kemaning contingency	Ψ11,0 1 7.21					CAN: Canceled					Ü		
<u> </u>				<u> </u>				CAIN. Califeleu							

SCOPE OF WORK

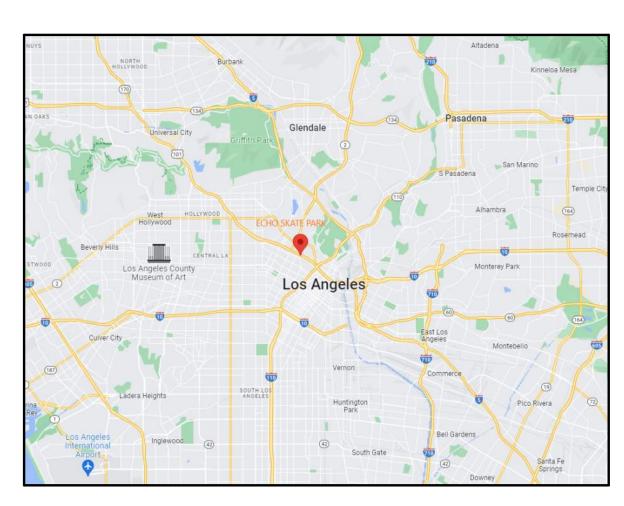
INSTALL 3 METAL PALM TREE POSTS. TOTAL HEIGHT OF METAL PALM TREE'S WILL BE 20ft, 21ft, AND 23ft HIGH.

PROJECT LOCATION

1632 N BELLEVUE AVENUE LOS ANGELES, CA 90026



CITY MAP



LOCATION MAP

City of Los Angeles, Department of Building & Safety DISABLED ACCESS APPROVED PLANS 1-31-2024 23016-10000-16092 Application No./Permit No.: This set of plans and specifications has been reviewed and is approved for compliance with state and local laws and ordinances related to accessibility to public accommodations and housing. The stamping of this set of plans and specifications shall not be held to permit or to be an approval of the violation of any provisions of federal, state, and local laws and ordinances related to accessibility to public accommodations and housing.

GENERAL NOTES

- 1. ALL WORK SHALL COMPLY WITH CALIFORNIA BUILDING CODE 2022 (CBC 2022), CALIFORNIA CODE AND REGULATION (CCR), TITLE 24 PART 2.
- 2. ALL DRAWINGS AND SPECIFICATIONS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE **CONTRACTOR** SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE **OWNER**, HERE AFTER REFERRED TO AS **OWNER**, PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE **CONTRACTOR** AT THE **CONTRACTOR'S** OWN EXPENSE, AND AT NO EXPENSE TO THE **OWNER**.
- 3. ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF CLARIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE **OWNER** PRIOR TO PROCEEDING WITH THE WORK.
- 4. ALL DIMENSIONS AND THE SITE CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE JOB SITE PRIOR TO BID SUBMITTAL, START OF SHOP DRAWINGS, START OF CONSTRUCTION, AND/OR FABRICATION OF MATERIALS. IF DISCREPANCIES ARE ENCOUNTERED, OR CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE OWNER & CONSULTING TEAM FOR CLARIFICATION.
- 5. CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ADJACENT EXISTING SURFACES AND AREAS, WHICH MAY BE DAMAGED AS A RESULT OF THE NEW WORK.
- 6. DO NOT SCALE DRAWINGS. PRINTED DIMENSIONS HAVE PRECEDENCE OVER SCALED DRAWINGS AND LARGE SCALE OVER SMALL
- 7. WHERE NO SPECIFIC DETAIL IS SHOWN THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT.
- 8. THE CONTRACT DOCUMENTS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE AND SAFETY OF WORKMEN DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE **OWNER** OR **STRUCTURAL ENGINEER** SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS, AND DOES NOT IN ANY WAY RELIEVE THE CONTRACTOR OF THE RESPONSIBILITIES FOR THE ABOVE.
- 9. FOR TRENCHES OR EXCAVATIONS FIVE FEET (5' 0") OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND, THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMIT FROM THE **STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY**, PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- 10. NO HOLES, NOTCHES, BLOCKOUTS, ETC. ARE ALLOWED IN STRUCTURAL ELEMENTS UNLESS DETAILED ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE STRUCTURAL ENGINEER.
- 11. COORDINATE BUILDING FOOTPRINT WITH ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- 12. IN CASE OF DISCREPANCIES BETWEEN NOTES & SPECIFICATIONS, THESE NOTES SHALL TAKE PRECEDENCE OVER SPECIFICATIONS
- 13. CUTTING, BORING, SAWCUTTING AND/OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SHOWN IN DETAIL ON THE DRAWINGS OR ACCEPTED BY THE ARCHITECT (STRUCTURAL ENGINEER), WITH THE APPROVAL OF THE OWNER. DO NOT CUT EXISTING REINFORCEMENT BARS IN CONCRETE COMPONENTS, WHERE SPECIFIED ON DETAILS. IF EXISTING BARS ARE ENCOUNTERED DURING DRILLING STOP SEEK INSTRUCTION FROM THE ENGINEER OF RECORD AND THE OWNER. CONTRACTOR SHALL OBTAIN A COPY OF AS-BUILTS FOR AFFECTED MEMBERS.
- 14. THE EXACT DEPTH, EXTENT, AND LOCATION OF ALL FLOOR DEPRESSIONS, ELEVATED AREAS, OR OTHER IRREGULARITIES SHALL BE COORDINATED WITH ARCHITECTURAL OR APPLICABLE DRAWINGS. THE STRUCTURAL DRAWINGS DO NOT NECESSARILY INDICATE ALL OF THESE ITEMS.
- 15. SUBSTITUTIONS SHALL BE CONSIDERED AS A CHANGE ORDER AND BE APPROVED BY THE **OWNER PRIOR TO FABRICATION OR USE.**
- 16. FOR NEW OPENING LOCATIONS & DEMOLITION PLANS, REFER TO THE ARCH. DRAWINGS.
- 17. TESTING LABORATORY, EMPLOYED BY THE CONTRACTOR, SHALL BE APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND BY THE OWNER.
- 18. THE SPECIAL INSPECTOR, ASSIGNED TO THE PROJECT, SHALL BE APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND BY THE OWNER.

City of Los Angeles, Department of Building & Safety

The stamping of this plan SHALL NOT constitute approval of violation of any provisions of any Ordinance SEPARATE permits are required for BUILDING, ELECTRICAL, PLUMBING, FIRE SPRINKLERS, ELEVATOR, HVAC, unless this permit was issued as a combination permit for a One or Two Family

Dwelling pursuant to LAVIC Section 91.0107.2.2 and the work by that trade does not require Plan Check. This approval is only for the items indicated on the permit work description. Other items shown on the

This set of plans are not approval for construction until the required permit fees are paid

No inspection can be scheduled until the permit fees have been paid.

Application No./Permit No.: 23016-10000-16092

plans are NOT included in this approval.

• This set of plans **MUST** be at the job site during construction.

It is unlawful to alter, change, or deviate from these plans.

DRAWING INDEX

SHEET TITLE
GENERAL PROJECT NOTES G-0.00 S-0.01 **GENERAL NOTES** S-0.02 **GENERAL NOTES** S-0.03 **GENERAL NOTES** S-0.04 STRUCTURAL TYPICAL CONCRETE DETAILS S-0.05 STRUCTURAL TYPICAL CONCRETE DETAILS S-1.00 SITE PLAN S-2.00 ENLARGE PLAN

SECTIONS AND DETAILS

ABBREVIATIONS

S-3.00

A D\ /	A D O V / C
ABV.	ABOVE
ALT	ALTERNATE
ARCH.	ARCHITECT(URAL)
	, ,
BM.	BEAM
(B) OR BOTT.	BOTTOM
` '	
BTWN.	BETWEEN
CBC	CALIFORNIA BUILDING CODE
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
	
CLR.	CLEAR
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONT.	CONTINUOUS
D.C.W	DESIGN CRITICAL WELD
_	
DIA. OR Ø	DIAMETER
DIM.	DIMENSION
DWG.	DRAWING(S)
(E)	EXISTING
• •	
EA.	EACH
EMBED.	EMBEDMENT
ELEC.	ELECTRICAL
ELEV.	ELEVATION
E.O.D.	EDGE OF DECK
E.O.R.	ENGINEER OF RECORD
_	
EQ.	EQUAL
FND.	FOUNDATION
FT.	FOOT (OR) FEET
FTG.	FOOTING
GA.	GAGE
GALV.	GALVANIZED
	_
HORIZ.	HORIZONTAL
HS	HIGH STRENGTH
HSS	HOLLOW STRUCTURAL STEEL
I.F.	INSIDE FACE (OR) INNER FACE
	` ,
IN.	INCH
INT.	INTERIOR
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
MAX.	MAXIMUM
MECH.	MECHANICAL.
_	
MFR.	MANUFACTURER
MIN.	MINIMUM
	NEW
(N)	
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
O.C.	ON CENTER
OPNG.	OPENING
O.H.	OPPOSITE HAND
_	
PL	PLATE (OR) PROPERTY LINE
QTY.	QUANTITY
-	·
REF.	REFERENCE
REINF.	REINFORCING
REQ.	REQUIRED
S.A.D.	SEE ARCHITECTURAL DRAWING
SCHED.	SCHEDULE
SEOR	STRUCTURAL ENGINEER OF RECORD
SIM.	SIMILAR
S.O.G.	SLAB ON GRADE
S.S.	STAINLESS STEEL
SHTHG	SHEATHING
STD.	STANDARD
STAGG.	STAGGERED
STIFF.	STIFFENER
STL.	STEEL
STRUCT.	STRUCTURAL
T&B	TOP & BOTTOM
THK.	THICK
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
U.O.N.	UNLESS OTHERWISE NOTED
U.U.IN.	UNLESS OTHERWISE NOTED
VFRT OR (V)	VERTICAL

VERTICAL

WITH

PROJECT DATA	
NAME OF PROJECT	BOE ECHO PARK SKATE PARK /PALM TREE
OWNER:	CITY OF LOS ANGELES 111 E. FIRST ST. , LOS ANGELES 90012
ADDRESS:	1632 N BELLEVUE AVE. LOS ANGELES, CA 90026
TRACK: BLOCK: LOT:	GLASSELL'S SUBDIVISION OF LOT 3 ETC BLOCK 39 HANCOCK'S SURVEY NO. 2 23 10-11-12-13-14-15-16-17-18-20

VERT. OR (V)

LEGAL DESPCRIPTION

TRACT: GLASSELS SUBDIVISION OF LOT ETC BLOCK HANCOCK'S SURVEY NO.

10-11-12-13-14-15-16-17-18-19-20

APPLICANT: ABRAM SANTOS, ADDRESS 555 RAMIREZ ST. LOS ANGLES, CA, 90012

EMAIL: abram.santos@lacity.org

CONSTRUCTION FORCES DIVISION 111 E. 1ST STREET Los Angeles, CA 90012



STRUCTURAL ENGR.

FAX: (949) 860-4810

TEL: (949) 860-4800

www.owengroup.com



CONSULTANT ENGINEERS:

APPROVAL:

SK ECHO

Definition of the control of the con

Drawn By Checked By **GENERAL PROJECT**

NOTES

GSD 2/29/24

CONSTRUCTION

FORCES

G-0.00

1632 N BELLEVUE AVE. LOS ANGELES, CA 90026

LOT:

OWNER: CITY OF LOS ANGELES

PHONE NO. 21-216-9766

REINFORCEMENT

- 1. REINFORCING STEEL:
- A. ALL BARS UNLESS INDICATED OTHERWISE: SHALL BE ASTM A615, GRADE 60
- B. BARS TO BE WELDED: ASTM A706, Grade 60
- C. ADDITIONAL REQUIREMENTS FOR BARS. EXCLUDING TIES. IN DUCTILE MOMENT RESISTING FRAMES AND BOUNDARY ELEMENTS IN SHEAR WALLS: NO ADDITIONAL REQUIREMENTS IF ASTM A706, GRADE 60 BARS USED. ASTM A615, GRADE 60 BARS MAY BE PERMITTED PROVIDED ACTUAL YIELD STRENGTH BASED ON MILL TESTS DOES NOT EXCEED SPECIFIED YIELD STRENGTH BY MORE THAN 18,000 PSI (RETESTS SHALL NOT EXCEED THIS VALUE BY MORE THAN AN ADDITIONAL 3,000 PSI) AND RATIO OF ACTUAL ULTIMATE TENSILE STRESS TO ACTUAL YIELD STRESS IS NOT LESS THAN 1.25.
- 2. SHOP DRAWINGS: ACI 315, PART B. SHOW REINFORCING STEEL PLACEMENT INCLUDING SIZES, QUANTITIES, SPACING, CLEARANCES, SPLICE LOCATIONS, LAP LENGTHS, AND CONCRETE COVERAGE AND SUBMIT TO ARCHITECT (STRUCTURAL ENGINEER). PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO DEVELOPING SHOP DRAWINGS IF INSUFFICIENT CLEAR DISTANCES BETWEEN REINFORCING STEEL AND OTHER CONGESTION IS ENCOUNTERED. NOTIFY STRUCTURAL ENGINEER OF ADJUSTMENTS MADE FROM APPROVED CONTRACT DOCUMENTS WHICH ARE INDICATED ON ACCEPTED SHOP DRAWINGS THAT FACILITATE FIELD PLACEMENT OF REINFORCING STEEL AND CONCRETE.
- 3. LAP SPLICES: PROVIDE CLASS B SPLICES UNLESS INDICATED OTHERWISE. SPLICE #5 BARS AND LARGER ONLY AT LOCATIONS INDICATED. IF ADDITIONAL SPLICE LOCATIONS ARE PROPOSED, PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO DEVELOPING SHOP DRAWINGS.
- A. SPLICES IN WALLS: LOCATE SPLICES IN HORIZONTAL BARS AT WELL-STAGGERED LOCATIONS. DO NOT SPLICE VERTICAL BARS EXCEPT AT HORIZONTAL SUPPORTS SUCH AS FLOOR AND ROOF DIAPHRAGMS.
- 4. MINIMUM CONCRETE COVERAGE: PLACE BARS AS NEAR TO CONCRETE SURFACE AS THE FOLLOWING MINIMUM COVERAGE PERMIT, UNLESS NOTED OTHERWISE:

A. SLAB ON GRADE LOCATE AT CENTER OF SLAB **B.** SLAB SUPPORTING EARTH ABOVE 1-1/2 INCHES FROM TOP C. FORMED CONCRETE IN CONTACT WITH EARTH 2 INCHES **D.** CONCRETE POURED AGAINST EARTH (UNFORMED) 3 INCHES **E.** WALLS ABOVE GRADE, EXPOSED TO WEATHER 2 INCHES **F.** WALLS ABOVE GRADE, NOT EXPOSED TO WEATHER ¾ INCH **G.** COLUMNS (CLEAR TO FACE OF TIES) 1-1/2 INCHES H. BEAMS (CLEAR TO FACE OF TIES) 1-1/2 INCHES I. STRUCTURAL SLABS (TOP AND BOTTOM) 1 INCH

- 5. DOWELS AT CONSTRUCTION JOINTS: PROVIDE DOWELS MATCHING SIZE AND QUANTITY OF REINFORCING STEEL INTERRUPTED AT CONSTRUCTION JOINTS, UNLESS DETAILED OTHERWISE.
- 6. PLACEMENT OF BARS IN WALLS: PLACE VERTICAL BARS CLOSEST TO WALL SURFACES AT CURTAINS CONTAINING VERTICAL AND HORIZONTAL BARS OF THE SAME SIZE. IN CURTAINS WHICH VERTICAL AND HORIZONTAL BARS ARE OF DIFFERENT SIZES OR SPACING. PLACE LAYER WITH MOST STEEL AREA CLOSEST TO NEAR WALL SURFACE.
- 8. BARS TERMINATING AT WALLS, COLUMNS, BEAMS, AND FOUNDATIONS: EXTEND BARS TO WITHIN 2 INCHES (3 INCHES AT CONCRETE POURED AGAINST EARTH) OF THE FACE OF WALL, COLUMN, BEAM, OR FOUNDATION AND PROVIDE STANDARD ACI 90-DEGREE HOOK UNLESS DETAILED OTHERWISE
- 9. BARS INTERRUPTED BY STRUCTURAL STEEL: EXTEND BARS TO WITHIN 2 INCHES OF STEEL FACE AND PROVIDE STANDARD ACI 90-DEGREE HOOK UNLESS DETAILED OTHERWISE.
- 10. WELDING: AWS D1.4. EXCEPT AS MODIFIED BY APPLICABLE CODE STANDARD 19-1.
- A. ACCEPTABLE REINFORCING STEEL FOR WELDING: ASTM A706. IF WELDING REINFORCING STEEL OTHER THAN A706 IS DESIRED, SUBMIT PROPOSED PROCEDURE, INDICATING CONFORMANCE TO APPLICABLE CODE AND REQUIREMENTS OF GOVERNING CODE AUTHORITY, TO ARCHITECT (STRUCTURAL ENGINEER) FOR ACCEPTANCE AND TO GOVERNING CODE AUTHORITY FOR APPROVAL PRIOR TO EXECUTION.
- B. WELDER CERTIFICATION: AWS D1.1 2015. AND CITY OF LOS ANGELES BUILDING CODE ENGINEER (LADBS 2022)
- 11. BENDING: BEND COLD UNLESS OTHERWISE ACCEPTED BY ARCHITECT (STRUCTURAL ENGINEER). DO NOT FIELD-BEND REINFORCING STEEL BARS EMBEDDED IN CONCRETE UNLESS OTHERWISE ACCEPTED IN WRITING BY ARCHITECT (STRUCTURAL ENGINEER).

CAST-IN-PLACE CONCRETE

- 1. APPLICABLE STANDARDS: ACI 318 AND ACI A301 EXCEPT AS AMENDED IN APPLICABLE CODE CHAPTER 19 AND AS MODIFIED BY SUPPLEMENTAL REQUIREMENTS HEREIN.
- 2. PORTLAND CEMENT: ASTM C150, TYPE II
- 3. AGGREGATES:
- A. NORMAL WEIGHT CONCRETE AGGREGATE: ASTM C33 FOR AGGREGATES OF NATURAL SAND AND ROCK. MAXIMUM AGGREGATE SIZE IS 1-1/2 INCHES AT FOUNDATIONS AND SLABS ON GRADE AND 1" ELSEWHERE.
- B. LIGHT WEIGHT AGGREGATE FOR STRUCTURAL CONCRETE: ASTM C330, EXPANDED SHALE LIGHT WEIGHT AGGREGATES OF PEA GRAVEL SIZE.
- MINIMUM 25-DAY CONCRETE COMPRESSIVE STRENGTH AND TYPES:

LOCATION IN COMPRESSIVE STRENGTH **STRUCTURE** W/C RATIO & TYPE OF CONCRETE

CONCRETE UNLESS OTHERWISE INDICATED ON STRUCTURAL DRAWINGS 3,000 PSI NORMAL WEIGHT (145 PCF) 0.5

- 5. ALL CONCRETE ABOVE GRADE, INCLUDING, SLAB ON GRADE, ELEVATED SLAB, DECK FILL, TOPPING SLAB, WALL, COLUMN, TOPPING SLAB, AND COLUMN COVER SHALL HAVE 1.6 POUNDS OF 1 1/2" OF FIBER ULTRANET BY FORTA CORP. PER CUBIC YARD OF CONCRETE.
- 6. LEAN CONCRETE: WHERE SPECIFICALLY INDICATED. CONTAINING 2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE.
- 7. NON-SHRINK GROUT: ASTM C109, CEMENTITIOUS, NON-METALLIC ATTAINING A COMPRESSIVE STRENGTH OF 6000 PSI.
- 8. CONCRETE MIX DESIGN SUBMITTAL: PRIOR TO ORDERING CONCRETE, SUBMIT FOR EACH COMPRESSIVE STRENGTH AND TYPE OF CONCRETE REQUIRED DESIGNED, SIGNED, AND SEALED BY A REGISTERED CIVIL ENGINEER IN THE STATE OF CALIFORNIA TO ARCHITECT (STRUCTURAL ENGINEER), SPECIAL INSPECTOR AND TO GOVERNING CODE AUTHORITY COMPLYING WITH APPLICABLE CODE, CHAPTER 19.
- 9. CONSTRUCTION JOINT SUBMITTAL: SUBMIT TO ARCHITECT (STRUCTURAL ENGINEER) AT LEAST 14 DAYS PRIOR TO PLACING CONCRETE INDICATING LOCATIONS OF CONSTRUCTION JOINTS AND EXTENT OF POURS. PLACE JOINTS AT LOCATIONS TO MINIMIZE EFFECTS OF SHRINKAGE AS WELL AS BEING PLACED AT POINTS WHICH LEAST IMPAIR STRENGTH OF STRUCTURE. PROVIDE DOWELS AS DIRECTED.
- 10. EMBEDMENTS AND PENETRATIONS IN CONCRETE: NO PENETRATIONS THROUGH STRUCTURAL CONCRETE IS PERMITTED UNLESS SPECIFICALLY ACCEPTANCE IN WRITING BY ARCHITECT (STRUCTURAL ENGINEER).
- A. PIPES, SLEEVES, CONDUITS, AND DUCTS: NOT PERMITTED EMBEDDED OR PENETRATING CONCRETE SPREAD FOOTINGS, COLUMNS, WALLS OR CONCRETE CAST OVER METAL DECKING.
- B. CONDUITS EMBEDDED IN STRUCTURAL CONCRETE SLABS: NOT PERMITTED UNLESS LIMITED TO TWO LAYERS OF 1 INCH OUTSIDE DIAMETER CONDUITS AND SMALLER SPACED AT LEAST 3 INCHES CENTER TO CENTER AND WITHIN MIDDLE THIRD OF SLAB THICKNESS. NO CONDUIT EMBEDDED IN CONCRETE CAST OVER METAL DECKING IS PERMITTED.
- 11. CHAMFERED CORNERS: PROVIDE 3/4-INCH CHAMFER AT EXPOSED CORNERS OF COLUMNS. BEAMS AND WALLS EXCEPT WHERE STRUCTURAL WALLS ARE LAID FLUSH WITH COLUMN OR BEAM FACES, UNLESS DETAILED OTHERWISE.
- 12. CONSTRUCTION JOINTS: CONSTRUCTION JOINTS SHALL HAVE ENTIRE SURFACE REMOVED TO MIN 1/4" TO EXPOSE CLEAN, SOLIDLY EMBEDDED AGGREGATE PER TYP. DETAILS, PROVIDED IN THIS SET. CONSTRUCTION JOINTS SHALL BE PROVIDED TO LIMIT SHRINKAGE CRACKS. A MAX DISTANCE OF 50FT. SHALL BE CONSIDERED IF NO CONTROL JOINTS IS CALLED ON PLANS. THE CONTRACTOR SHALL OBTAIN THE ENGINEER'S APPROVAL OF CONSTRUCTION JOINT LOCATION IN SLABS, WALL AND BEAMS. JOINTS SHALL BE SHOWN ON SHOP DRAWING CONFORMING TO THE ABOVE REQUIREMENT.
- 13. CURING: MAINTAIN CONCRETE ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR A MINIMUM OF 7 DAYS AFTER PLACEMENT UNLESS OTHERWISE ACCEPTED BY ARCHITECT (STRUCTURAL ENGINEER).

City of Los Angeles, Department of Building & Safety

Date: 02/05/2024

. The stamping of this plan SHALL NOT constitute approval of violation of any provisions of any Ordinance

ELEVATOR. HVAC. unless this permit was issued as a combination permit for a One or Two Family

Dwelling pursuant to LAVIC Section 91.0107.2.2 and the work by that trade does not require Plan Check This approval is only for the items indicated on the permit work description. Other items shown on the

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Application No./Permit No.: 23016-10000-16092

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• It is unlawful to alter, change, or deviate from these plans.

y: MINA HABIB

APPROVED PLANS

APPLICABLE CODES

- 1. ALL WORK SHALL COMPLY WITH THE CALIFORNIA CODE AND REGULATIONS (CCR), TITLE 24, PART 2, CALIFORNIA BUILDING CODE 2022, HERE AFTER REFERRED AS CBC 2022.
- 2. **DESIGN LOADS: ASCE 7-16**, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES 2010, AS AMENDED BY CBC 2022.
- 3. CONCRETE DESIGN: ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE 2011. AS AMENDED BY THE CBC 2022.
- 4. STEEL DESIGN:
- A. AISC 360-16, SPECIFICATION FOR STRUCTURAL STEEL 2016, AS AMENDED BY THE CBC 2022.
- B. AISC 341-16, SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS 2016, AS AMENDED BY THE CBC 2022.

DESIGN LOADS

GOVERNING CODES: CBC 2022 & ASCE 7-16

THE SEISMIC DESIGN CRITERIA:

SITE AMPLIFICATION FACTORS

SEISMIC DESIGN CATEGORY = D

RISK CATEGORY = II (TBL. 1604.5, CBC 2022) $I_{\rm e} = 1.00$ (TBL. 1.5-2, ASCE 7-16) SITE CLASS = "D" (SECT. 1613.2.2, CBC 2022)

SITE LOCATION:

LATITUDE: 34° 4' 12.208" N LONGITUDE: -118° 15' 37.131" W

MAPPED SPECTRAL ACCELERATION AT MCE

(FIG. 1613.3.1(1) & (2), CBC 2022) $S_S = 2.023 (g), S_1 = 0.722 (g)$

 $F_a = 1.0,$ $F_{v} = 1.7$

SITE ADJUSTED MCE SPECTRAL ACCELERATIONS $S_{MS} = 2.428 (g), S_{M1} = 1.23 (g)$ (Eq. 16-37 & 16-38, CBC 2022)

(TBL. 1613.3.3 (1) & (2), CBC 2022)

(§1613.3.5, CBC 2022)

DESIGN SPECTRAL ACCELERATIONS $S_{DS} = 1.619 (g), S_{D1} = 0.82 (g)$ (Eq. 16-39 & 16-40, CBC 2022)

SEISMIC FORCE-RESISTING SYSTEM VALUES:

A. LIGHTING FIXTURE (TBL. 13.6-1)

 $a_p = 1$ $R_p = 1 \frac{1}{2}$ $\Omega_0 = 2$

WIND DESIGN CRITERIA:

RISK CATEGORY = || (TBL. 1604.5, CBC 2022) = 1.00 (TBL. 1.5-2, ASCE 7-16) DESIGN WIND SPEED, V = 95 MPH (FIG. 1609.3(2), CBC 2022) **EXPOSURE CATEGORY** = C (§1609A.4.3, CBC 2022)

SHOP DRAWINGS

- 1. REVIEW AND STAMP SHOP DRAWINGS PRIOR TO SUBMISSION TO ARCHITECT (STRUCTURAL ENGINEER). REVIEW FOR COMPLETENESS AND COMPLIANCE WITH CONTRACT DOCUMENTS
- 2. SUBMIT SHOP DRAWINGS TO ARCHITECT (STRUCTURAL ENGINEER) AS INDICATED OR SPECIFIED FOR REVIEW AND ACCEPTANCE PRIOR TO FABRICATION. REVIEW WILL BE FOR GENERAL CONFORMANCE WITH DESIGN INTENT CONVEYED IN CONTRACT DOCUMENTS.
- 3. WHEN AN ENGINEER IS REQUIRED TO SIGN AND STAMP SHOP DRAWINGS AND CALCULATIONS. ENSURE SEAL INDICATES ENGINEER AS REGISTERED IN STATE WHERE PROJECT SITE OCCURS.
- 4. SHOP DRAWINGS ARE NOT A PART OF CONTRACT DOCUMENTS. THEREFORE, ARCHITECT'S (STRUCTURAL ENGINEER'S) REVIEW DOES NOT CONSTITUTE AN AUTHORIZATION TO DEVIATE FROM TERMS AND CONDITIONS OF THE CONTRACT.
- 5. SHOP DRAWINGS WILL BE REJECTED FOR INCOMPLETENESS, LACK OF COORDINATION WITH OTHER PORTIONS OF CONTRACT DOCUMENTS, LACK OF CALCULATIONS (IF REQUIRED), OR WHERE MODIFICATIONS OR SUBSTITUTIONS ARE INDICATED WITHOUT PRIOR REVIEW PER PARAGRAPH ABOVE.
- 6. SUBMIT SHOP DRAWINGS AND CALCULATIONS TO GOVERNING CODE AUTHORITY WHEN SPECIFICALLY INDICATED OR REQUESTED.
- 7. MAINTAIN A COPY OF ALL SHOP DRAWINGS ACCEPTED BY ARCHITECT (STRUCTURAL ENGINEER) AT SITE DURING CONSTRUCTION PERIOD.
- 8. STRUCTURAL ENGINEER REQUIRES 10 WORKING DAYS AFTER RECEIPT OF SHOP DRAWINGS AND CALCULATIONS FOR PROCESSING.
- 9. ONLY TWO COPIES OF EACH STRUCTURAL SHOP DRAWING SUBMITTAL WILL BE FOR REVIEW AND ONE COPY WILL BE MARKED AND RETURNED WITH COMMENTS. ALL OTHER ADDITIONAL COPIES SUBMITTED WILL BE RETURNED UNMARKED





STRUCTURAL ENGR.

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CONSULTANT ENGINEERS:

APPROVAL:

TREE" AT SK

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> **GENERAL** NOTES

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FORCES

STRUCTURAL STEEL (CONTINUED)

- 10. PROTECTION
- A. EXPOSED STEEL TO WEATHER: ALL EXPOSED STEEL TO WEATHER SHALL BE PROTECTED BY HOT- DIPPED GALVANIZATION. ALL GALVANIZATION SHALL BE HOT-GALVANIZING IN ACCORDANCE WITH ASTM A123/A123M-02
- 11. THE INSPECTION AND TESTING STRUCTURAL STEEL SHALL COMPLY WITH CHAPTER N, AISC 360-16, QUALITY CONTROL AND QUALITY ASSURANCE. INSPECTION AND TESTING OF STEEL MEMBERS PART OF THE LATERAL FORCE RESISTING SYSTEM (LFRS) SHALL ALSO COMPLY CHAPTER J, ASIC 341-16, QUALITY CONTROL AND QUALITY ASSURANCE.
- **A. QUALITY CONTROL (QC)**, AS SPECIFIED HERE IN, SHALL BE PROVIDED BY THE **FABRICATOR** AND **ERECTOR**.
- i. THE FABRICATOR AND ERECTOR SHALL ESTABLISH AND MAINTAIN QUALITY CONTROL PROCEDURES AND PERFORM INSPECTIONS TO ENSURE THAT THEIR WORK IS PERFORMED IN ACCORDANCE WITH CH. N. ASIC 360-16 & CH. J. AISC 341-16.
- B. QUALITY ASSURANCE (QA), AS SPECIFIED HERE IN, SHALL BE PROVIDED BY OTHERS.
- C. INSPECTOR QUALIFICATIONS:
- i. QUALITY CONTROL INSPECTOR (QCI) FOR WELDING SHALL BE QUALIFIED IN ACCORDANCE WITH EITHER OF THE FOLLOWING:
- 1. ASSOCIATE WELDING INSPECTOR (AWI) OR HIGHER AS DEFINED IN AWS B5.1,
- STANDARD FOR THE QUALIFICATION OF WELDING INSPECTORS, OR **2.** QUALIFIED UNDER THE PROVISIONS OF AWS D1.1/D1.1M SUBCLAUSE 6.1.4.
- ii. QUALITY CONTROL INSPECTOR (QCI) FOR BOLTING INSPECTION PERSONNEL SHALL BE QUALIFIED ON THE BASIS OF DOCUMENTED TRAINING AND EXPERIENCE IN STRUCTURAL BOLTING INSPECTION.
- **iii. QUALITY ASSURANCE INSPECTOR (QAI)** FOR WELDING SHALL BE QUALIFIED IN ACCORDANCE WITH EITHER OF THE FOLLOWING:
- 1. WELDING INSPECTORS (WIs) OR SENIOR WELDING INSPECTORS (SWIs), AS DEFINED IN AWS B5.1, STANDARD FOR QUALIFICATION OF WELDING INSPECTORS, EXCEPT ASSOCIATE WELDING INSPECTORS (AWIs) ARE PERMITTED TO BE USED UNDER THE DIRECT SUPERVISION OF WIS, WHO ARE ON THE PREMISES AND AVAILABLE WHEN WELDING INSPECTION IS BEING CONDUCTED, OR
- 2. QUALIFIED UNDER THE PROVISIONS OF AWS D1.1/D1.1M SUBCLAUSE 6.1.4
- iv. QUALITY ASSURANCE INSPECTOR (QAI) FOR BOLTING INSPECTION PERSONNEL SHALL BE QUALIFIED ON THE BASIS OF DOCUMENTED TRAINING AND EXPERIENCE IN STRUCTURAL BOLTING INSPECTION.
- D. NONDESTRUCTIVE TESTING (NDT) QUALIFICATIONS: NONDESTRUCTIVE TESTING PERSONNEL, FOR NDT OTHER THAN VISUAL, SHALL BE QUALIFIED IN ACCORDANCE WITH THEIR EMPLOYER'S WRITTEN PRACTICE, WHICH SHALL MEET OR EXCEED THE CRITERIA OF AWS D1.1/D1.1M STRUCTURAL WELDING CODE STEEL, SUBCLAUSE 6.14.6 AND:
- i AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (ASNT) SNT-TC-1A, RECOMMENDED PRACTICE FOR QUALIFICATION AND CERTIFICATION OF NONDESTRUCTIVE TESTING PERSONNEL, OR
- ii. ASNT CP-189, STANDARD FOR THE QUALIFICATION AND CERTIFICATION OF NONDESTRUCTIVE TESTING PERSONNEL.
- **E.** AS A MINIMUM, WELDING INSPECTION TASKS SHALL BE IN ACCORDANCE WITH AISC 360-10, TABLES N5.4-1, N5.4-2, & N5.4-3. WHERE WELDING IS PART OF THE LATERAL FORCE RESISTING SYSTEM (LFRS), ADDITIONAL MINIMUM TASKS SHALL BE IN ACCORDANCE WITH AISC 341-10, TABLES J6-1, J6-2, & J6-3.
- 12. HEADED STUDS AND AUTOMATIC WELDED DOWELS SHOWN ON PLANS OR DETAILS SHALL BE BY NELSON STUD WELDING, INC., PER ICC ESR-2856 AND ICC ESR-2907, RESPECTIVELY. STUDS SHALL HAVE FLUXED ENDS AND BE AUTOMATICALLY END-WELDED WITH SUITABLE EQUIPMENT (NO FILLET WELDING OF STUDS PERMITTED. AT SPACING INDICATED ON THE PLANS OR DETAILS. WELDING OF STUDS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1 AND AWS C5.4. HEADED STUDS AND AUTOMATIC WELDED DOWELS BY OTHER MANUFACTURERS MAY BE SUBSTITUTED PROVIDED THEY ARE OF EQUIVALENT CAPACITY FOR THE INTENDED APPLICATION AND HAVE CURRENT ICC APPROVAL. ALL WELDED STUDS SHALL COMPLY WITH ASTM A108.



plans are NOT included in this approval.

STRUCTURAL STEEL (CONTINUED)

vii. APPLICABLE WELDING PROCESS

- viii. POSITION OF WELDING
- ix. LIST OF FILLER METAL PER APPLICABLE WELDING STANDARD AND ELECTRODE SPECIFICATION AND CLASSIFICATION. INCLUDE DETAILS SHOWING SHIELDING MATERIAL TO BE USED.
- x. MINIMUM PREHEAT REQUIREMENTS, INTERPASS TEMPERATURES AND POST WELD HEAT TREATMENT. MINIMUM SPECIFIED PREHEAT SHALL MEET REQUIREMENTS OF AWS D1.1, TABLE 4.3, AND AISC ASD SECTION J2-7 REQUIREMENTS FOR JUMBO SECTIONS.
- xi. LIST OF APPLICABLE ELECTRICAL CHARACTERISTICS FOR PROCESS EMPLOYED. CLEARLY INDICATE SPECIFIC VALUES REQUIRED FOR EACH WELDING PASS. THESE ELECTRICAL CHARACTERISTICS SHALL INCLUDE AL A MINIMUM THE FOLLOWING:
- 1. ELECTRODE DIAMETER
- 2. TYPE OF CURRENT AND ACCEPTABLE RANGES OF CURRENT MEASURED IN AMPERAGE. FOR WIRE FEED PROCESSES, INDICATE MANUFACTURER'S RECOMMENDED MELT-OFF RATE, DEPOSITION RATE. AND WIRE FEED SPEED.
- 3. VOLTAGE (FOR ALL PROCESSES).
- 4. ACTUAL FIELD CONDITION TRAVEL SPEED AND MANUFACTURE'S DATA FOR TRAVEL SPEED.
- 5. ELECTRODE EXTENSION (STICK OUT) FOR WIRE FEED PROCESSES.
- **6.** AMPERAGE, VOLTAGE AND ELECTRODE EXTENSION (AS APPLICABLE) SHALL BE WITHIN FILLER METAL MANUFACTURER'S RECOMMENDATIONS (COMPARE TO AWS D1 1, SECTION 4.6 2).
- 7. ELECTRODE MANUFACTURER'S TECHNICAL INFORMATION, WITH IDENTIFICATION NUMBER LISTED, AND WELDING PARAMETER RECOMMENDATIONS.
- F. WELDING ELECTRODES (FILLER METAL): E70XX (70 KSI), UNLESS INDICATED OTHERWISE. PROVIDE FILTER METAL WITH CHARPY V-NOTCH TOUGHNESS OF 20 FT/LBS AVERAGE AT 0 DEGREES FAHRENHEIT AT COMPLETE PENETRATION GROOVE WELDS. USE LOW-HYDROGEN ELECTRODES ONLY.
- G. WELDING TOUGHNESS REQUIREMENTS: CERTIFY CONFORMANCE TO CHARPY V-NOTCH TOUGHNESS REQUIREMENTS WITH TESTS BY AN INDEPENDENT TESTING LABORATORY FOR EACH AWS CLASSIFICATION, MANUFACTURER AND TRADE NAME. TESTING PROCEDURES SHALL BE IN ACCORDANCE TO APPLICABLE WELDING STANDARD AND 2016 AISC SEISMIC PROVISIONS,
- H. APPROVED FABRICATORS: PERFORM SHOP WELDS BY FABRICATORS APPROVED BY THE CITY OF LOS ANGELES.
- i. WELDER QUALIFICATION: WELDERS, REGARDLESS IF WORK IS PERFORMED IN SHOP OR IN FIELD, SHALL BE QUALIFIED FOR THE WORK THEY WILL BE DOING AND SHALL HAVE CERTIFICATIONS CURRENT AND ACCEPTABLE TO STRUCTURAL.
- J. WELDS EXPOSED TO VIEW:
- i. FACES OF FILLET WELDS EXPOSED TO VIEW SHALL HAVE AS-WELDED SURFACES THAT ARE REASONABLY SMOOTH AND UNIFORM. NO FINISHING OR GRINDING SHALL BE REQUIRED, EXCEPT WHERE CLEARANCES OR FIT OF OTHER ITEMS MAY SO NECESSITATE.
- ii. PARTIAL AND FULL PENETRATION WELDS EXPOSED TO VIEW SHALL BE GROUND SMOOTH AND FLUSH WITH FINISH SURFACE OF STEEL FILL HOLES WITH WELD METAL OR BODY SOLDER AND SMOOTH BY GRINDING OR FILING.
- K. GROOVE PREPARATION: CLEAN GROOVE PREPARATION THERMAL CUTS BY GRINDING.
- L. TERMINATION OF WELDS: TERMINATE AT JOINT ENDS IN A MANNER THAT ENSURES SOUND WELDS. USE EXTENSION BARS AND RUN-OFF TABS WHENEVER NECESSARY.
- M. HAND-HELD CALIBRATED AMP AND VOLT METERS: TO BE USED BY FABRICATOR, ERECTOR AND INSPECTORS TO ASSURE PROPER AMPERAGE AND VOLTAGE OF WELDING PROCESS. MEASURE AMPERAGE AND VOLTAGE ARC. VERIFY TRAVEL SPEED AND ELECTRODE STICK-OUT IN COMPLIANCE WITH ELECTRODE MANUFACTURER'S RECOMMENDATIONS AND WITH APPROVED WELDING PROCEDURE SPECIFICATION (WPS).
- N. STORAGE OF ELECTRODES: ADHERE TO SECTION 4.5.2 OF AWS D1.1-17.
- O. WELD EACH FLANGE OF MOMENT FRAME BEAM TO COLUMN CONNECTIONS IN ONE CONTINUOUS PROCESS WITHOUT COOLING BELOW PRE-HEAT TEMPERATURE.
- P. WELDING OF ASTM A513 MATERIALS: PERFORM ACCORDING TO REQUIREMENTS OF LATEST EDITION OF AWS STANDARD, STRUCTURAL DRAWINGS AND SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.
- Q. MINIMUM FILLET WELD SIZE. WHERE MINIMUM FILLET WELD SIZE, AS STIPULATED BY AISC SECTION J2 AND TABLE J2.4, EXCEEDS FILLET WELD SIZE INDICATED ON STRUCTURAL DRAWINGS, USE AISC STIPULATED SIZE.
- R. MINIMUM GROOVE OR BUTT WELD SIZE: PROVIDE COMPLETE PENETRATION UNLESS INDICATED OTHERWISE.
- **S. WELD LENGTH:** LENGTH OF WELDS SHOWN ARE NET EFFECTIVE LENGTHS. WHERE LENGTH OF WELD IS NOT INDICATED, PROVIDE WELD FULL LENGTH OF JOINT.
- T. DEMAND CRITICAL WELDS (D.C.W): WELDS DESIGNATED AS DEMAND CRITICAL SHALL COMPLY WITH §A.3.4B, AISC 341-10. WELDS DESIGNATED AS DEMAND CRITICAL SHALL BE MADE WITH FILLER METALS MEETING THE REQUIREMENTS SPECIFIED IN AWS D1.8/D1.8M CLAUSE 6.3, WITH A CHARPY V-NOTCH (CVN) TOUGHNESS OF 20 FT-LBS @ 0° F & 40 FT-LBS @ 70° F.
- 7. SHOP DRAWINGS: SUBMIT TO /OWNER FOR REVIEW. INCLUDE SEQUENCE OF ERECTION PROCEDURES FROM APPROVED WELDING PROCEDURE SPECIFICATION (WPS)
- 8. QUALITY CONTROL
- **A.** ALL WELDING SHALL CONFORM TO AWS AND 2022 CBC.
- B. LOW HYDROGEN ELECTRODES:
- E70XX FOR STRUCTURAL STEEL E90XX FOR REINFORCING BARS
- C. CONTINUOUS INSPECTION BY A REGISTERED DEPUTY IS REQUIRED FOR ALL FIELD WELDING.
- **D.** WHERE FILLET WELD SIZES ARE NOT INDICATED ON THE DRAWINGS, PROVIDE MINIMUM SIZE FILLET WELDS PER TABLE J2.4 OF SPECIFICATION FOR STRUCTURAL STEEL CONSTRUCTION MANUAL FIFTEEN EDITION.
- **E.** FLARE GROOVE WELDS SHALL BE FILLED FLUSH TO THE SURFACE OF THE BAR OR 90° BEND IN A FORMED SECTION. FILLET WELD DESIGNATIONS IN THESE SITUATIONS INDICATE SIZE OF FILLET WELD AFTER FLUSH FILL.
- 9. SPECIAL REQUIREMENTS FOR STRUCTURAL STEEL:
- WELDING AND SPECIAL INSPECTION REQUIREMENTS OF **AWS D1.1/1.1M** AS INCORPORATED INTO AND MODIFIED BY THE **2022 CALIFORNIA BUILDING CODE** SHALL APPLY.
- A. SPECIAL VISUAL INSPECTION SHALL BE CONTINUOUS THROUGHOUT THE APPROVED WELDING PROCEDURE FROM FIT-UP THROUGH WELD COMPLETION.
- **B.** THE FABRICATOR SHALL PROVIDE, AS PART OF SHOP DRAWING SUBMITTAL, WELDING PROCEDURE SPECIFICATIONS (WPS) CONTAINING THE INFORMATION REQUIRED BY **AWS D1.1/1.1M**. EACH WPS SHALL BE ACCEPTABLE TO THE **STRUCTURAL ENGINEER**, FURNISHED TO THE BUILDING OFFICIAL AND SHALL BE PART OF THE BASIS FOR SPECIAL VISUAL INSPECTION.
- **C.** EACH WPS SHALL LIST THE WELDING POSITION, ELECTRODE SIZE, TYPE, TRAVEL SPEED, STICKOUT, ACCEPTABLE LIMITS OF VOLTAGE AND AMPERAGE, BEAD SIZE, WELD SEQUENCE, STRESS RELIEVING AND OTHER PERTINENT DATA.

STRUCTURAL STEEL

- 1. **DETAILING, FABRICATION, AND ERECTION**: AISC "DESIGN STANDARD FOR LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", AISC "DESIGN STANDARD FOR SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" AND AISC "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS" EXCEPT AS AMENDED IN APPLICABLE CODE CHAPTER 22 AND AS MODIFIED BY SUPPLEMENTAL REQUIREMENTS HEREIN.
- 2. STRUCTURAL STEEL: PROVIDE READILY IDENTIFIABLE STRUCTURAL STEEL IN COMPLIANCE WITH APPLICABLE CODE SECTION 2203 FURNISH STRUCTURAL STEEL COMPLYING WITH APPLICABLE CODE STANDARD 22-1 AND THE FOLLOWING ASTM STANDARD SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- A. STRUCTURAL STEEL (U.N.O.): ASTM A992, GRADE 55
- B. ANGLES AND CHANNELS: ASTM A36
 C. PLATES: ASTM A572, GRADE 50
- D. PIPES:
 E. TUBES:
 ASTM A53, GRADE B (35 KSI)
 ASTM A500, GRADE B (46 KSI)
 ASTM F1554, GRADE 55
- 3. HOLES FOR BOLTED CONNECTIONS AND ANCHOR BOLTS: AISC "STANDARD" HOLES LIMITED TO 1/16-INCH LARGER IN DIAMETER THAN NOMINAL BOLT DIAMETER, UNLESS NOTED OTHERWISE.
- 4. HIGH STRENGTH BOLTS, NUTS AND WASHERS: AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS." PROVIDE SPECIAL INSPECTION WHERE SLIP CRITICAL BOLTS ARE SPECIFIED ON THE DRAWINGS.
- A. HARDENED WASHERS: ASTM A436, UNDER NUTS EXCEPT WHERE PLATE WASHERS ARE USED. PROVIDE BEVELED WASHERS WHERE JOINT FACE SLOPE IS GREATER THAN 1:20.
- B. TIGHTENING: SNUG TIGHT FOR ALL HIGH STRENGTH BOLTS EXCEPT TIGHTEN A325-SC AND A490-SC BOLTS TO AT LEAST THE MINIMUM PRETENSION ACCORDING TO AISC SPECIFICATION.
- C. ANCHOR BOLTS: ASTM F1554, GRADE 55, UNLESS NOTED OTHERWISE.
- WASHERS **ASTM A36**, UNDER NUTS, 3-1/2-INCH SQUARE WASHERS OF THICKNESS 0.375 TIMES NOMINAL DIAMETER OF ANCHOR BOLTS. WELD WASHERS TO BASE PLATE WITH 5/16-INCH FILLET WELD ALL AROUND.

5. WELDING:

- A. APPLICABLE WELDING STANDARD: APPLICABLE CODE AND LATEST ADOPTED EDITION OF AWS D1.1/1.1M INCLUDING. BUT NOT LIMITED TO. THE FOLLOWING:
- i. SECTION 6.3 FOR QUALIFIED WELDERS.
- ii. SECTION 4.2 AND AISC LRFD SPECIFICATION SECTION J2-7 FOR JUMBO SECTIONS FOR
- PREHEAT AND INTERPASS TEMPERATURE REQUIREMENTS.

 iii. SECTION 4, PARTS 8C AND 8D TECHNIQUE FOR ARC WELDING.
- iv. SECTION 6 AND SECTION 8, PART D FOR INSPECTION
- B. PRE-QUALIFIED AND NON PRE-QUALIFIED WELDS: WELDS SHALL BE PRE-QUALIFIED IN COMPLIANCE WITH APPLICABLE WELDING STANDARD. WHERE NON PRE-QUALIFIED WELDS ARE TO BE USED, QUALIFY BY TEST AND PROCEDURE QUALIFICATION TEST RECORD COMPLYING WITH APPLICABLE WELDING STANDARD.
- C. WORK PERFORMED BY WELDERS AND INSPECTORS: ADHERE TO APPROVED WELDING PROCEDURE SPECIFICATION (WPS) EACH WELDER AND INSPECTOR SHALL RETAIN A COPY OF WPS.
- D. PRE-CONSTRUCTION MEETING: CONDUCT TO INCLUDE FABRICATOR, ERECTOR, CONTRACTOR AND INSPECTORS TO DISCUSS WELDING PROCEDURE SPECIFICATION (WPS).
- **E. WELDING PROCEDURE SPECIFICATION (WPS):** FABRICATOR/ERECTOR TO DEVELOP WPS IN COMPLIANCE WITH APPLICABLE WELDING STANDARD. SUBMIT TO FOR APPROVAL PRIOR TO FABRICATION. WPS SUBMITTAL TO INCLUDE THE FOLLOWING:
- i. WELDING MANUFACTURERS.
- **ii.** INFORMATION REQUIRED BY APPLICABLE CODE, CONTRACT DOCUMENTS AND ANY OTHER INFORMATION NECESSARY TO PRODUCE WELDS THAT ARE IN COMPLIANCE WITH APPLICABLE WELDING STANDARD.
- iii. DETAILED SEQUENCE OF WELD SKETCHES ADDRESSING EFFECTS OF WELDING HEAT FOR WELDS AT JOINTS AND WITHIN SEISMIC FRAME ASSEMBLIES AS A WHOLE. PLAN SEQUENCE OF ERECTION AND WELDING TO MINIMIZE LOCKED IN STRESSES AND DISTORTION CONSIDERING EFFECTS OF WELDING HEAT. PROCEDURES SUBMITTED SHALL RESULT IN COMPLETED CONNECTIONS WHICH COMPLY WITH DESIGN INTENT OF STRUCTURAL DRAWINGS.
- iv. WELDING PARAMETERS RECOMMENDED BY ELECTRODE MANUFACTURER.
- v. LISTING OF APPLICABLE BASE METAL TYPES AND THICKNESSES.
- vi. WELDING JOINT SKETCHES INCLUDING JOINT TYPE, WELD TYPE, JOINT GEOMETRY, AND APPLICABLE DIMENSIONS INDIVIDUAL WELD PASSES SHALL BE IDENTIFIED IN SKETCHES AND NUMBERED TO IDENTIFY THE SEQUENCE OF THEIR DEPOSITION. SKETCHES SHALL IDENTIFY THE MAXIMUM LAYER THICKNESSES AND BEAD WIDTHS. IN NO CASE SHALL LAYER THICKNESS EXCEED 1/4-INCH. NOR SHALL MAXIMUM BEAD WIDTH EXCEED 5/8-INCH.







STRUCTURAL ENGR.

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CONSULTANT ENGINEERS:

APPROVAL:

C- " PALM TREE",

SK

Job. No.

Drawn By

Checked By

GENERAL NOTES

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BLA TO DES	GF	PI WA	IVE	230	MIT NUMBER 16-10000-16092
		APPLICAT	TION FOR G	PI WAIVER	
\$10 (00) 100 100 100 100	a de monte		INSTRUCTION	Tall and the second	
A. Address all questions to the					Angeles, CA 90012
Telephone No. (213) 482-04 B. Provide copies of the permit,	clearance ch	anch office in van	vith project de	scription for	GPI waiver determination.
C. Please fill out this application	with permit	number and items	s "1" through "	6" complete	d.
D. Check should be made to the					
1. LEGAL DESCRIPTION			2. PROJEC	CT ADDRESS:	
Tract: GLASSELL'S SUBDIVISION OF L	OT 3 ETC BLOCK 39	HANCOCK'S SURVEY NO. 2	1632 N B	Bellevue Ave.	90026
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3. OWNER: CITY OF LOS AI			Addres	EEE	Ramirez St.
3. OVIVER.			_	Los Angel	es Zip: 90012
Address.		90012	=		213-216-9766
	Zip:	30012		(Daytime):	abram.santos@lacity.org
Phone (Daytime):			- E-mail	address:	aviant.santoewiacity.org
5. WORK DESCRIPTION:					
				S. S. Bellar W.	
Install 3 metal palm tree	posts, me	tal tree's will be	e 15',16' an	d 18' high.	
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77.	-	N			n. Iti. Camentar
6. Applicant Signature: QQ	w t	A-	A mirro (1951)	ONUNA.	Position: Carpenter
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REVIEW REQUESTED	FEES	REVIEW REG	QUESTED	FEES	Fee Due: 83.82
REVIEW REQUESTED Solls Engineering	FEES	No. of Lots	QUESTED	FEES	Fee Verified By: RH Date: 7/6/23
	FEES		QUESTED	FEES	Fee Verified By: PH Date: 7/6/23
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Solis Engineering Geology	FEES	No. of Lots No. of Acres	QUESTED GPI Waiver	60.50	Fee Verified By: PH Date: 7/6/23 LOS HNS Confidence Only ent of Bulldi and Safety Metro 4th Floor 07/07/2023 9:03:
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Solls Engineering Geology Combined Solls Engr. & Geol. Supplemental	FEES	No. of Lots No. of Acres Division of Land Other Expedite Response to Corre	GPI Waiver		Fee Verified By: LH Date: 76/23 LOS HAS CAME DE ONLY OF BUILDI and Safety Metro 4th Floor 07/07/2023 9:03: AM User ID: ebautista Receipt Ref Nbr: 2023188002-28
Solis Engineering Geology Combined Solis Engr. & Geol. Supplemental Combined Supplemental	FEES	No. of Lots No. of Acres Division of Land Other Expedite	GPI Waiver	60.50	Fee Verified By: LH Date: 76/23 LOS HRECOMMENDE ONLY OF BUILDI and Safety Metro 4th Floor 07/07/2023 9:00: AM User ID: ebautista Receipt Ref Nbr: 2023188002-28 Transaction ID: 2023188002-28-1
Solis Engineering Geology Combined Solis Engr. & Geol. Supplemental Combined Supplemental Import-Export Route	FEES	No. of Lots No. of Acres Division of Land Other Expedite Response to Corre	GPI Waiver	60.50	Fee Verified By: PH Date: 76/23 LOS HNS CASTRE DE ONLY ENT OF BUILDI and Safety Metro 4th Floor 07/07/2023 9:03: AM User ID: ebautista Receipt Ref Nbr: 2023188002-28 Transaction ID: 2023188002-28-1 GRADING PRE INSP \$60.50
Solis Engineering Geology Combined Solis Engr. & Geol. Supplemental Combined Supplemental Import-Export Route		No. of Lots No. of Acres Division of Land Other Expedite Response to Correc Expedite ONLY	GPI Waiver ction Sub-total Surcharges	60.50	Fee Verified By: PH Date: 76/23 LOS HMS COSMIC DE ONLY ENT OF BUILDI and Safety Metro 4th Floor 07/07/2023 9:00: AM User ID: ebautista Receipt Ref Nbr: 2023188002-28 Transaction ID: 2023188002-28-1 GRADING PRE INSP \$60.50 SYSTEMS DEU SURCH \$3.63
Solis Engineering Geology Combined Solis Engr. & Geol. Supplemental Combined Supplemental Import-Export Route Cubic Yards:	alx My	No. of Lots No. of Acres Division of Land Other Expedite Response to Correc Expedite ONLY	GPI Waiver ction Sub-total Surcharges	60.50	Fee Verified By: PH Date: 76/23 LOS HMS CLARE OF CONTYPENT OF BUILDI and Safety Metro 4th Floor 07/07/2023 9:00: AM User ID: ebautista Receipt Ref Nbr: 2023188002-28 Transaction ID: 2023188002-28-1 GRADING PRE INSP \$60.50 SYSTEMS DEU SURCH \$3.63 GEN PLAN MAINT SURCH \$4.24
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Solis Engineering Geology Combined Solis Engr. & Geol. Supplemental Combined Supplemental Import-Export Route Cubic Yards: ACTION BY (print name): THE GPI WAIVER IS:	APPROVED	No. of Lots No. of Acres Division of Land Other Expedite Response to Corret Expedite ONLY	GPI Waiver Sub-total Surcharges TOTAL FEE	60.50 23.32 83.32	Fee Verified By: Lff Date: 76/23 LOS HMS CASHEL DE ONLY ENT OF BUILDI and Safety Metro 4th Floor 07/07/2023 9:00: AM User ID: ebautista Receipt Ref Nbr: 2023188002-28 Transaction ID: 2023188002-28-1 GRADING PRE INSP \$60.50 SYSTEMS DEV SURCH \$3.63 GEN PLAN MAINT SURCH \$4.24 DEV SERV CENTER SURCH \$1.82 CITY PLAN SURCH \$3.63
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Solis Engineering Geology Combined Solis Engr. & Geol. Supplemental Combined Supplemental Import-Export Route Cubic Yards: ACTION BY (print name): THE GPI WAIVER IS: APPROVED WITH CO GPI WAIVED CONDITIONS:	APPROVED INDITIONS BY (signature)	No. of Lots No. of Acres Division of Land Other Expedite Response to Corre Expedite ONLY BELOW	GPI Waiver Sub-total Surcharges TOTAL FEE AT AT City of Los Angele	23. 32 83. 32 TACHED Date	Fee Verified By: PH Date: 76/23 LOS HMS CLASSIC DE ONLY ENT OF BUILDI and Safety Metro 4th Floor 07/07/2023 9:00: AM User ID: ebautista Receipt Ref Nbr: 2023188002-28 Transaction ID: 2023188002-28-1 GRADING PRE INSP \$60.50 SYSTEMS DEV SURCH \$3.63 GEN PLAN MAINT SURCH \$4.24 DEV SERV CENTER SURCH \$1.82 CITY PLAN SURCH \$3.63 MISC OTHER \$10.00 Amount Paid: \$83.82 Customer Name: ABRAM SANTOS Job Address: 1632 N BELLEVUE

STRUCTURAL OBSERVATION

- 1. FIELD OBSERVATION SHALL NOT BE CONSTRUED AS A WAIVER OF INSPECTION AND SPECIAL INSPECTION REQUIREMENT. NOR SHALL IT BE CONSTRUED AS AN APPROVAL OF ANY UNDETECTED NON CONFORMANCE WITH THE APPROVED PLANS. SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISION OF THE BUILDING CODE.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE THE ENGINEER OR OTHER CONSULTANT CONDUCTING OBSERVATION SITE VISITS OF ANY KNOWN DEFICIENCIES NOT NOTED BY THE CONSULTANT FOR PROMPT CORRECTION.
- 3. THE STRUCTURAL OBSERVER SHALL PERFORM SITE VISITS AT THOSE STEPS IN THE PROGRESS OF THE WORK THAT ALLOW FOR CORRECTION OF DEFICIENCIES WITHOUT SUBSTANTIAL EFFORT OR UNCOVERING OF THE WORK INVOLVED. AT A MINIMUM, THE FOLLOWING SIGNIFICANT CONSTRUCTION STAGES REQUIRE A SITE VISIT AND AN OBSERVATION REPORT FROM THE STRUCTURAL OBSERVER:
- CONSTRUCTION STAGE ELEMENTS/CONNECTIONS TO BE OBSERVED
- a) PRIOR TO POURING CONCRETE FOOTING / REINFORCING STEEL AND LOCATION
- b) PRIOR TO COVER STRUCTURAL STEEL / STRUCTURAL STEEL COLUMN, BEAM & CONNECTION
- c) PRIOR TO POURING CONCRETE ON METAL DECKING / FLOOR & ROOF DIAPHRAGM NAILING
- d) MOMENT CONNECTION / WELDING/BOLTING
- e) CONCRETE BASEMENT/RETAINING WALLS/ PLACEMENT OF REINFORCEMENT

EARTHWORK AND FOUNDATION

- 1. PROJECT GEOTECHNICAL REPORT
- [REPORT NAME]
- 2. GEOTECHNICAL REPORT: PERFORM SOILS WORK COMPLYING WITH FOUNDATION BASED ON RECOMMENDATIONS PROJECT GEOTECHNICAL REPORT AND SUPPLEMENTS & ADDENDAS.
- 3. ALLOWABLE FOUNDATION DESIGN VALUES PER GEOTECHNICAL REPORT: VALUES BELOW MAY BE INCREASED 33 PERCENT FOR TANSIENT LOADING.

A. BEARING CAPACITY:

- a. DEFAULT
- b. ALLOWABLE LATERAL PASSIVE PRESSURE = 2,000 PSF (CBC 2022 SEC. 1806.3.4.)
- 4. GRADING, EXCAVATIONS, BACKFILL AND COMPACTION OF BACKFILL: COMPLY WITH GEOTECHNICAL REPORT AND REQUIREMENTS OF GOVERNING CODE AUTHORITY AND PERFORMED ONLY UNDER CONTINIOUS SPECIAL INSPECTION OF GEOTECHNICAL ENGINEER.
- 5. PREPARATION OF SOIL UNDER PAD: SEE GEOTECHNICAL REPORT FOR OVER-EXCAVATION OF EXISTING SOIL AND INSTALLATION OF PROPERLY COMPACTED BACKFILL.
- 6. FOUNDATION EXCAVATION: FOUNDATIONS ARE TO BEAR ON APPROVED COMPACTED FILL AS INDICATED IN GEOTECHNICAL REPORT. EXCAVATIONS ARE TO BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL AND FORMWORK. ENSURE EXCAVATIONS ARE CLEAN, DRY AND FREE OF DEBRIS OR LOOSE SOIL. SLOPE SIDES OF EXCAVATION NOT LESS THAN MINIMUM SLOPE INDICATED IN GEOTECHNICAL REPORT. CAST CONCRETE DIRECTLY AGAINST EXCAVATED SURFACES.
- . BACKFILLING OF RETAINING WALLS: PLACE AFTER COMPLETION AND INSPECTION OF WATERPROOFING. ADEQUATELY SHORE RETAINING WALLS DUCRING BACKFILL OPERATION. UNLESS ADEQUATELY SHORED, DO NOT PLACE BACKFILL BEHIND STRUCTURE RETAINING WALLS (EXCLUDING SITE RETAINING WALLS) UNTILL CONCRETE AT ELEVATED FLOOR LEVELS ADJACENT TO WALLS ARE COMPLETELY POURED AND HAVE CURED FOR AT LEAST 7

	-	geles, Department of Building	g & Safety	
and the pern	nit is issued.	or construction until the required permit il the permit fees have been paid.	fees are paid	
By: MINA	HABIB	Date: 02/05/2024	_	
Application N	lo./Permit No.: 23	016-10000-16092	_	
 It is unlawf The stampi or Law. SEPARATE ELEVATOR Dwelling pu This approv 	ul to alter, change, or ding of this plan SHALL In permits are required for R. HVAC, unless this persuant to LAWC Section	ob site during construction. eviate from these plans. NOT constitute approval of violation of r BUILDING, ELECTRICAL, PLUMBIN rmit was issued as a combination perm 1 91.0107.2.2 and the work by that trac indicated on the permit work description	G, FIRE SPRINI nit for a One or T le does not requi	KLERS, ivo Family re Plan Check.

SPECIAL INSPECTION

- 1. ALL TESTING & INSPECTION SHALL COMPLY WITH CHAPTER 17 OF THE CBC 2022.
- 2. **SPECIAL INSPECTOR QUALIFICATIONS**: THE SPECIAL INSPECTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE BUILDING OFFICIAL DEMONSTRATING HIS OR HER COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING. EXPERIENCE OR TRAINING SHALL BE CONSIDERED RELEVANT WHEN THE DOCUMENTED EXPERIENCE OR TRAINING IS RELATED IN COMPLEXITY TO THE SAME TYPE OF SPECIAL INSPECTION ACTIVITIES FOR PROJECTS OF SIMILAR COMPLEXITY AND MERETIAL QUALITIES. THESE REQUIREMENTS ARE IN ADDITION TO QUALIFICATIONS SPECIFIED IN CBC 2022.
- 3. THE INSPECTION AND TESTING **STRUCTURAL STEEL** SHALL COMPLY WITH **CHAPTER N, AISC 360-10**, QUALITY CONTROL AND QUALITY ASSURANCE. INSPECTION AND TESTING OF STEEL MEMBERS PART OF THE LATERAL FORCE RESISTING SYSTEM (LFRS) SHALL ALSO COMPLY CHAPTER J. ASIC
- 4. SPECIAL INSPECTION SHALL BE PROVIDED FOR THE FOLLOWING INDICATED TASKS:

CONTINUOUS /

TABLE 1705.3, CBC 2022

REQUIRED	PERIODIC	PERIODIC	STANDARD	REFERENCE
REQUIRED	INSPECTION OF REINFORCING STEEL,	PERIODIC	ACI 318: 3.5, 7.1-7.7	1910.4
-	2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2b.	-	AWS D1.4 ACI 318: 3.5.2	-
REQUIRED	3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	PERIODIC	ACI 318: 8.1.3, 21.2.8	1908.5, 1909.1
REQUIRED (AS OCCURS)	4. INSPECTION OF ANCHORS POST- INSTALLED IN HARDENED CONCRETE MEMBERS.	PERIODIC	ACI 318: 3.8.6, 8.1.3, 21.2.8	1909.1
REQUIRED	5. VERIFYING USE OF REQUIRED DESIGN MIX.	PERIODIC	ACI 318: CH 4, 5.2-5.4	1904.2, 1910 1910.3
REQUIRED	6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	CONTINUOUS	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1910.10
REQUIRED	7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONTINUOUS	ACI 318: 5.9, 5.10	1910.6, 1910. 1910.8
REQUIRED	8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	ACI 318: 5.11-5.13	1910.9
-	 9. INSPECTION OF PRESTRESSED CONCRETE: A. APPLICATION OF PRESTRESSING FORCES. B. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC FORCE-RESISTING SYSTEM. 	CONTINUOUS	ACI 318: 18.20, 18.18.4	-
-	10.ERECTION OF PRECAST CONCRETE MEMBERS.	PERIODIC	ACI 318: CH 16	-
-	11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSION CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	PERIODIC	ACI 318: 6.2	-
REQUIRED	12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC	ACI 318: 6.1.1	-

TABLE 1705.6, CBC 2022 REQUIRED VERIFICATION AND INSPECTION OF SOILS

REQUIRED	CONTINUOUS / PERIODIC	CONTINUOUS / PERIODIC	REFERENCE STANDARD	IBC REFERENCE
REQUIRED	1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	PERIODIC	-	-
REQUIRED	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	PERIODIC	-	-
REQUIRED	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	PERIODIC	-	-
REQUIRED	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	CONTINUOUS	-	-
REQUIRED	5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	PERIODIC	-	-

- 6. FOR STRUCTURAL STEEL, HIGH STRENGTH BOLTS AND WELDING INSPECTION, REFER TO STRUCTURAL STEEL NOTES ON SHEET **S0.04**, **AISC 360-16**, **CHAPTER "N"** AND **341-16 CHAPTER "J"**
- 7. SPECIAL INSPECTION REQUIRED FOR NON- SHRINK GROUT

|CONTINUOUS/| REFERENCE |

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

NEQUINED	PERIODIC	PERIODIC	STANDARD	REFERENCE
REQUIRED	INSPECTION OF REINFORCING STEEL,	PERIODIC	ACI 318: 3.5, 7.1-7.7	1910.4
-	2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2b.	-	AWS D1.4 ACI 318: 3.5.2	-
REQUIRED	3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	PERIODIC	ACI 318: 8.1.3, 21.2.8	1908.5, 1909.1
REQUIRED (AS OCCURS)	4. INSPECTION OF ANCHORS POST- INSTALLED IN HARDENED CONCRETE MEMBERS.	PERIODIC	ACI 318: 3.8.6, 8.1.3, 21.2.8	1909.1
REQUIRED	5. VERIFYING USE OF REQUIRED DESIGN MIX.	PERIODIC	ACI 318: CH 4, 5.2-5.4	1904.2, 1910.2, 1910.3
REQUIRED	6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	CONTINUOUS	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1910.10
REQUIRED	7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONTINUOUS	ACI 318: 5.9, 5.10	1910.6, 1910.7, 1910.8
REQUIRED	8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	ACI 318: 5.11-5.13	1910.9
-	 9. INSPECTION OF PRESTRESSED CONCRETE: A. APPLICATION OF PRESTRESSING FORCES. B. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC FORCE-RESISTING SYSTEM. 	CONTINUOUS	ACI 318: 18.20, 18.18.4	1
-	10.ERECTION OF PRECAST CONCRETE MEMBERS.	PERIODIC	ACI 318: CH 16	-
-	11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSION CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	PERIODIC	ACI 318: 6.2	-
REQUIRED	12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC	ACI 318: 6.1.1	-

REQUIRED	CONTINUOUS / PERIODIC	CONTINUOUS / PERIODIC	REFERENCE STANDARD	IBC REFERENCE
REQUIRED	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	PERIODIC	-	-
REQUIRED	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	PERIODIC	-	-
REQUIRED	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	PERIODIC	-	-
REQUIRED	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	CONTINUOUS	-	-
REQUIRED	5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	PERIODIC	-	-

5. METAL DECK REQUIRES CONT. INSPECTION FOR WELDING TO STRUCTURAL MEMBERS

341-10, QUALITY CONTROL AND QUALITY ASSURANCE.

TESTING & INSPECTION

- 1. ALL TESTING & INSPECTION SHALL COMPLY WITH CHAPTER 17 OF THE CBC 2022.
- 2. SPECIAL INSPECTOR QUALIFICATIONS: THE SPECIAL INSPECTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE BUILDING OFFICIAL DEMONSTRATING HIS OR HER COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING. EXPERIENCE OR TRAINING SHALL BE CONSIDERED RELEVANT WHEN THE DOCUMENTED EXPERIENCE OR TRAINING IS RELATED IN COMPLEXITY TO THE SAME TYPE OF SPECIAL INSPECTION ACTIVITIES FOR PROJECTS OF SIMILAR COMPLEXITY AND MERETIAL QUALITIES. THESE REQUIREMENTS ARE IN ADDITION TO QUALIFICATIONS SPECIFIED IN CBC 2022.
- 3. THE INSPECTION AND TESTING **STRUCTURAL STEEL** SHALL COMPLY WITH **CHAPTER N**, AISC 360-10, QUALITY CONTROL AND QUALITY ASSURANCE. INSPECTION AND TESTING OF STEEL MEMBERS PART OF THE LATERAL FORCE RESISTING SYSTEM (LFRS) SHALL ALSO COMPLY CHAPTER J, ASIC 341-10, QUALITY CONTROL AND QUALITY ASSURANCE.
- 4. CONTRACTOR RESPONSIBILITY: EACH CONTRACTOR OR SUB-CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE WIND AND/OR SEISMIC RESISTING SYSTEM THAT IS LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK REQUIRING SPECIAL INSPECTION. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
- 5. SPECIAL INSPECTION SHALL BE PROVIDED FOR THE FOLLOWING INDICATED TASKS:
- 6. WELDING INSPECTION AND TESTING
- A. CONTINUOUS VISUAL INSPECTION IS REQUIRED FOR ALL MOMENT CONNECTION WELDING. INSPECTOR(S) SHALL BE AWS CERTIFIED WELDING INSPECTORS (CWI) OR SENIOR CERTIFIED WELDING INSPECTORS (SCWI) AS DEFINED IN AWS QC1.
- B. ALL C.J.P. FLANGE AND CONTINUITY PLATE WELDS SHALL BE TESTED BY ULTRASONIC TESTING AND MAGNETIC PARTICLE TESTING OVER THE FULL LENGTH OF THE JOINT.
- C. ALL FILLET WELDS SHALL BE MAGNETIC PARTICLE TESTED OVER THE FULL LENGTH OF THE JOINT.
- D. ALL COLUMNS AT WELDED MOMENT CONNECTIONS WITH FLANGES 1-1/2 INCHES THICK AND THICKER SHALL BE ULTRASONICALLY TESTED IN ACCORDANCE WITH ASTM A898 PRIOR TO WELDING FOR EVIDENCE OF LAMINATIONS, INCLUSIONS, OR OTHER DISCONTINUITIES. THE AREA TO BE TESTED IS A ZONE 3 INCHES ABOVE AND BELOW EACH BEAM FLANGE CONNECTION.
- E. TEST BOTTOM FLANGE REINFORCING FILLET WELD AND ADJACENT AREA OF BEAM AND COLUMN FLANGE BY MAGNETIC PARTICLE.
- F. AFTER WELDING CONTINUITY PLATES, TEST COLUMN WEBS FOR CRACKING BY MAGNETIC PARTICLE OVER A ZONE 3 INCHES ABOVE AND BELOW THE CONTINUITY PLATE WELDS.
- G. UT TECHNICIANS SHALL BE CERTIFIED AS NDT LEVEL II BY THEIR EMPLOYER, OR AS ASNT LEVEL III CERTIFIED BY THE ASNT.
- 7. POST INSTALL ANCHORS INSPECTION & TESTING
- A. PERIODIC SPECIAL INSPECTION.
- B. A MINIMUM OF 10% OF THE POST INSTALLED ANCHORS SHALL BE TESTED. THE SPECIAL INSPECTOR SHALL RANDOMLY CHOOSE THE ANCHORS TO BE TESTED. SHOULD ANY ANCHOR FAIL TESTING, ALL REMAINING UNTESTED ANCHORS OF THE SAME TYPE SHALL BE TESTED UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS. RESUME INITIAL TESTING FREQUENCY THERE AFTER.
- C. THE TESTING LOAD ON THE POST INSTALLED ANCHORS SHALL BE:
- i. TWO (2x) THE MAXIMUM ALLOWABLE TENSION LOAD, OR ONE AND A QUARTER (1.25x) THE MAXIMUM TENSION DESIGN STRENGTH AS DETERMINED IN ACCORDANCE WITH APPENDIX D, ACI 318-14.
- ii. TEST LOAD NEED NOT EXCEED 80% OF THE NOMINAL YIELD STRENGTH OF THE ANCHOR
- 8. SPECIAL INSPECTION FOR CONCRETE AND REINFORCEMENT PER TABLE 1705.3, CBC 2022

9. REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS PER TABLE 1705.6. CBC 2022

10. STRUCTURAL OBSERVATION PER §1704.6,CBC 2022





STRUCTURAL ENGR.

TEL: (949) 860-4800

www.owengroup.com



CONSULTANT ENGINEERS:

APPROVAL:

TREE" PARK-"PALM SIGNAGE

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Description -
1 1
IT IS THE CLIENTS RESPONSIBILITY PRIOR TO OR DURING CONSTRUCTION TO NOTIFY THE ARCHITECT IN WRY ERRORS OR OMISSIONS IN THE PLANS AND SPECIFICATIONS OF WHICH A CONTRACTOR THOROUGHLY KNOW CODES AND METHODS OF CONSTRUCTION SHOULD REASONABLY BE AWARE. WRITTEN INSTRUCTIONS ADDRESSENDED OR OMISSIONS SHALL BE RECEIVED FROM THE ARCHITECT PRIOR TO THE CLIENT SOLIBORY OF THE WORLD.

Job. No.	##
Drawn By	J
Checked By	NN/A

GENERAL NOTES

GSD 2/29/24 CONSTRUCTION

S-0.03

DEPARTMENT OF CITY PLANNING CITY PLANNING COMMISSION SAMANTHA MILLMAN PRESIDENT VAHID KHORSAND VICE-PRESIDENT DAVID H. J. AMBROZ CAROLINE CHOE

CITY OF LOS ANGELES CALIFORNIA

VINCENT P. BERTONI, AICP (213) 978-1271 KEVIN J. KELLER, AICP (213) 978-1272 LISA M. WEBBER, AICP DEPUTY DIRECTOR (213) 978-1274

http://planning.lacity.org

December 6, 2018

Michael Shull, General Manager, Department of Recreation and Parks Frank M. Bush, General Manager, Department of Building and Safety Ralph M. Terrazas, Fire Chief, Fire Department Gary Lee Moore, City Engineer, Department of Public Works, Bureau of

ERIC GARCETTI

Vincent P. Bertoni, AICP, Director of Planning

Department of Recreation and Parks Authority under City Charter

In response to recent discussions involving management and staff from Department of Recreation and Parks, Department of City Planning and the City Attorney's Office, all parties concur that the City of Los Angeles Charter establishes broad authorization for the Department of Recreation and Parks to pursue parks and recreational facilities located on property owned or controlled by the City for public recreation, including facilities leased to, or operated and/or managed by private operators and any accessory use or building, within the City of Los Angeles. This memorandum does not apply to privately owned and operated park projects. The following Charter Sections (only applicable language listed) provide the aforementioned authority:

Section 590. Powers and Duties of the Department.

The Department of Recreation and Parks shall have the power and duty: (a) to establish, construct, maintain, operate and control, wherever located:

(1) all parks of the City of Los Angeles; (2) all recreational facilities, museums, observatories, municipal auditoriums, sports centers and all lands, waters, facilities or equipment set aside or dedicated for recreational purposes and public enjoyment; and (3) all property acquired by it or assigned to its jurisdiction for public

(b) to design, construct and operate, lease, rent or sell concessions or privileges to be exercised for the benefit, education, amusement, convenience or enjoyment of the public, in connection with any function, site or facility under the jurisdiction of the department;

(c) to establish schedules of charges for special services; (d) to promote public recreation and cooperate with other public agencies and organizations for that purpose; and

Further, any Department of Recreation and Parks project, including facilities leased to, or operated and/or managed by private operators and any accessory use or building, shall not be subject to any Department of City Planning entitlements for development, including but not limited to the following:

- A. Project Permit Compliance
- B. Zone Change (Changes to zones will continue to be reflected during the community plan update process.)
- C. Conditional Use Permit (The sale of alcoholic beverages for on or off-site consumption requires approval by the RAP Board. Department of Recreation and Parks will be responsible for coordinating directly with the California Department of Alcoholic Beverage Control regarding license authorizations.)
- D. Variance E. Adjustment
- F. Site Plan Review
- G. Previously approved entitlements having a Sunset Clause

All other City regulations for development projects, not administered or regulated by Chapter I of the Los Angeles Municipal Code, shall continue to be enforced by each respective City department, unless otherwise stated by said department. All Department of Recreation and Parks projects that require building permits for construction, including tenant improvements, shall be subject to all current building code regulations as enforced by the Department of Building and Safety.

In addition, this memorandum does not supersede any State of California or Federal regulations, including but not limited to, the California Coastal Act (California Government Code Sections 30000-30900), the Subdivision Map Act (California Government Code Sections 66410-66499.58), or the Americans With Disabilities Act.

Finally, the Department of City Planning and the Department of Recreation and Parks will jointly write a Memorandum of Understanding for the purpose of maintaining communication regarding all proposed park projects. Department of Recreation and Parks staff has agreed to convene with Department of City Planning staff on a quarterly basis, as needed, to solicit urban design feedback for all proposed park projects to ensure consistency with applicable design guidelines and adopted plans.

(e) to establish, maintain and operate playgrounds or other recreational facilities upon portions of public streets, under terms and conditions provided by ordinance.

Section 591, Board of Recreation and Parks Commissioners.

The Board of Recreation and Park Commissioners shall have the power:

(a) to control all recreation and park sites; (b) to control, appropriate and expend all money in the Recreation and Parks Fund and authorize the City Treasurer to invest any surplus funds under its control in accordance with Section 303(b); and (c) to organize the work of the department into divisions and to appoint an

Section 594. Control and Management of Recreation and Park Lands.

administrative officer for each division or for any group of divisions.

(a) Management and Control. The Department of Recreation and Parks shall operate, manage and control all property now or hereafter owned or controlled by the City for public recreation, including parks, and shall have power in the name of the City to acquire and take by purchase, lease, condemnation, gift, in trust or otherwise, any and all property necessary or convenient for recreation, including

- (b) Acquisition of Property. No real property shall be acquired by the City for recreation sites, including parks, unless first approved by the Board of Recreation and Park Commissioners.
- (c) Restrictions on Transfer of Dedicated Parks. All lands heretofore or hereafter set apart or dedicated as a public park shall forever remain for the use of the public inviolate; but the board may authorize use of the lands for any park purpose, and
- (d) Transfer to Purposes other than Recreation and Park Purposes. No sites under the management and control of the department shall be devoted or transferred to any other purpose in whole or in part, except in compliance with.....

As stated in Section 591 of the Los Angeles Charter, the Board of Recreation and Park Commissioners (Board) has the power to control all City-owned and operated parks and recreational facilities. In addition, all proposed park projects require approval by the Board, thus ensuring consistency with adopted City plans. The Board shall have the authority to determine appropriate locations for park projects, uses associated with park projects, accessory structures and buildings, and any off-street parking to satisfy park project needs. This authorization exempts Department of Recreation and Parks projects, including facilities leased to, or operated and/or managed by private operators and any accessory use or building, from the regulations of Chapter I of the Los Angeles Municipal Code and any General Provisions and Zoning chapters that may be adopted subsequent to this memorandum, including but not limited to the following:

- A. Use for each zone (Parks and recreational facilities shall be permitted in all
- B. Restriction for each zone (Parks and recreational facilities, including any
- accessory use or building, shall be permitted in all zones.) C. Area for each zone (The area of each structure and/or building shall not be
- restricted in all zones.)
- D. Specific Plans E. Districts, including Overlays
- F. Off-street parking
- G. Height
- H. Signs

City of Los Angeles, Department of Building & Safety APPROVED PLANS This set of plans are not approval for construction until the required permit fees are paid No inspection can be scheduled until the permit fees have been paid. Date: 02/05/2024

pplication No./Permit No.: **23016-10000-16092**

This set of plans **MUST** be at the job site during construction. It is unlawful to alter, change, or deviate from these plans.
The stamping of this plan SHALL NOT constitute approval of violation of any provisions of any Ordinano SEPARATE permits are required for BUILDING, ELECTRICAL, PLUMBING, FIRE SPRINKLERS,

Dwelling pursuant to LAWC Section 91.0107.2.2 and the work by that trade does not require Plan Check This approval is only for the items indicated on the permit work description. Other items shown on the plans are NOT included in this approval.

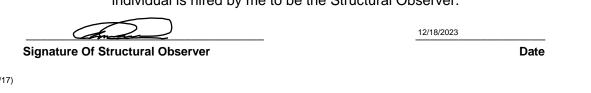
P/BC 2017-024

STRUCTURAL OBSERVATION/ SIGNIFICANT CONSTRUCTION STAGES (Only Checked items are required) Architect or Engineer of Record for the project to be responsible for the "Structural Observation": ☐ Licensed Architect ☐ Registered Engineer Name: Nader Namdar California Registration Number: 5527 Phone: (714) 600-6878

Construction Stage	Construction Type	Elements/Connections to be observed
Foundation	☐ Footing, Stem Walls, Piers ☐ Mat Foundation ☐ Caisson, Pile, Grade beams ☐ Stepping/Retaining Foundation, Hillside Special Anchors ☐ Others:	
Wall	☐ Concrete ☐ Masonry ☐ Wood ☐ Others:	
Frame	☐ Steel Moment Frame ☐ Steel Braced Frame ☐ Concrete Moment Frame ☐ Others:	Steel HSS Column and connection to the other steel members
Diaphragm	☐ Concrete ☐ Steel Deck ☐ Wood ☐ Others:	
Others		

DECLARATION BY OWNER OR OWNER'S REPRESENTATIVE I, \square the owner of the project \square the owner's representative, declare that the above listed firm or

individual is hired by me to be the Structural Observer.



As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities.

STRUCTURAL OBSERVATION REPORT FORM STRUCTURAL OBSERVATION means the visual observation of the structural system, for general conformance to the approved plans and specifications, at significant construction stages and at completion of the structural system. Structural observation does not include or waive the responsibility for the inspections required by Section 108, 1704 or other sections of

This report includes all construction work through _____ day of ___ Structural Observer of Record (SOR): Phone No. of SOR: 1632 N Bellevue Avenue. Los Angeles, CA,90026 Structural Observation performed by: Professional Lic./Reg. No. of Observer: Phone No. of Observer: 23016-10000-16092 OBSERVED STRUCTURAL ELEMENTS AND THEIR CONNECTIONS

FOUNDATION	WALL	FRAME	FLOOR	ELEMENT/ CONNECTION OBSERVATION LOCATION
☐Footing, Stem Walls, Piers	☐Concrete	☐Steel Moment Frame	☐Concrete	
☐ Mat Foundation	☐Modulus of Elasticity* Concrete Shear Walls	Steel Braced Frame	☐Steel Deck	
□Caisson, Piles, Grade Beams	□Masonry	☐Concrete Moment Frame	□Wood	
Retaining Foundation Hillside Special Anchors	□Wood	☐Modulus of Elasticity* Seismic Moment Frames	Others:	
Others:	☐Others:	☐Others:		1

* For concrete buildings more than 160 feet in Structural Height: Concrete mix meets the modulus of elasticity requirements in design for seismic force resisting systems.

NOTED DEFICIENCIES with the proposed corresponding corrective actions with respect to general conformance with the approved plans or in the load path: (A final report by the structural observer which states that all observed deficiencies have been resolved is required before acceptance of the work by the building officials.)

I DECLARE THAT THE FOLLOWING STATEMENTS ARE TRUE TO THE BEST OF MY KNOWLEDGE: 1. I AM THE ENGINEER OR ARCHITECT RETAINED BY THE OWNER TO BE IN RESPONSIBLE CHARGE FOR THE STRUCTURAL OBSERVATION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS ANGELES.

2. I, OR ANOTHER ENGINEER OR ARCHITECT WHO I HAVE DESIGNATED ABOVE AND IS UNDER MY RESPONSIBLE CHARGE, HAS PERFORMED THE REQUIRED SITE VISITS AT EACH SIGNIFICANT CONSTRUCTION STAGE TO VERIFY IF THE STRUCTURE IS IN GENERAL

CONFORMANCE WITH APPROVED PLANS AND SPECIFICATIONS; 3. ALL NOTED DEFICIENCIES WHICH REMAIN TO BE CORRECTED HAVE BEEN INDICATED

4. I RECOMMEND THAT ACCEPTANCE OF THE STRUCTURAL SYSTEMS BY THE CITY OF LOS ANGELES BE WITHHELD UNTIL ALL OBSERVED DEFICIENCIES ARE CORRECTED.

SIGNATURE OF STRUCTURAL OBSERVER IN/Form.08 (Part 1) (Rev. 06/19/17)



Los Angeles Regional Uniform Code Program

STAMP OF STRUCTURAL OBSERVER

Committee I-3: Structural Observation

STRUCTURAL OBSERVATION PROGRAM AND DESIGNATION OF THE STRUCTURAL OBSERVER

1632 N Bellevue Avenue. Los Angeles, CA,90026 PERMIT APPL. NO.: 23016-10000-16092 ePLAN INSTALL 3 METAL PALM TREE POST METAL TREE'S WILL BE 15', 16', AND 18' HIGH. Description of Work: Engineer: Nader Namdar _{Owner:} Abram

STRUCTURAL OBSERVATION Firm or Individual to be responsible for the Structural Observation: Phone: (714) 423-2222 Calif. Registration: 5527 Name: Nader Namdar DIAPHRAGM Footing, Stem Walls, Piers ☐ Steel Moment Frame ☐ Concrete ☐ Steel Braced Frame ☐ Steel Deck Caisson, Piles, Grade Beams ☐ Concrete Moment Frame ☐ Step'g/Retain'g Foundation, Hillside ☐ Others: Others: Steel HSS Column Special Anchors

DECLARATION BY OWNER I, the Owner of the project, declare that the above listed firm or individual is hired by me to be the

Structural Observer.

DECLARATION BY ARCHITECT OR ENGINEER OF RECORD (required if the Structural Observer is I, the Architect or Engineer of record for the project, declare that the above listed firm or individual is

License No. Date

designated by me to be responsible for the Structural Observation.

IN/Form.08 (Part 2) (Rev. 06/19/17)





STRUCTURAL ENGR.

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TEL: (949) 860-4800

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CONSULTANT ENGINEERS:

APPROVAL:

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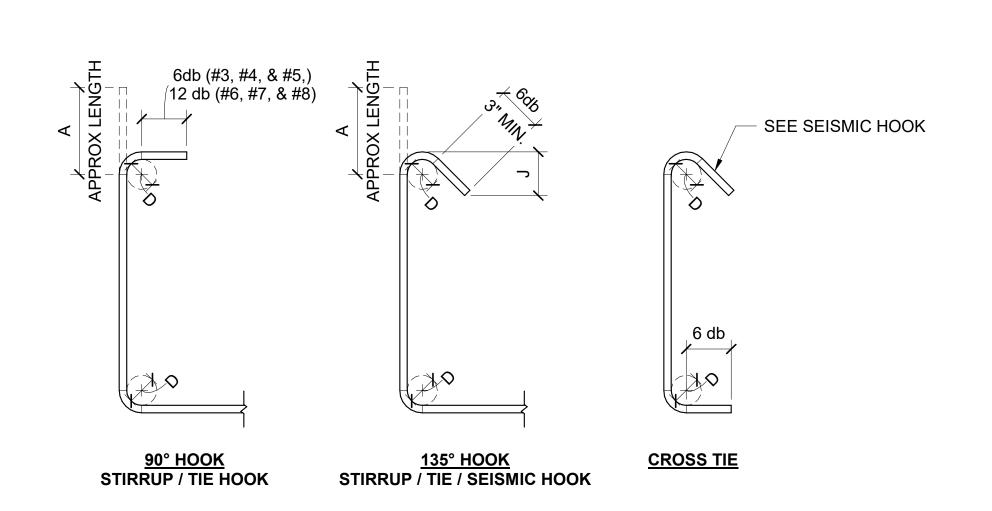
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FORMS

GSD 2/29/24

CONSTRUCTION

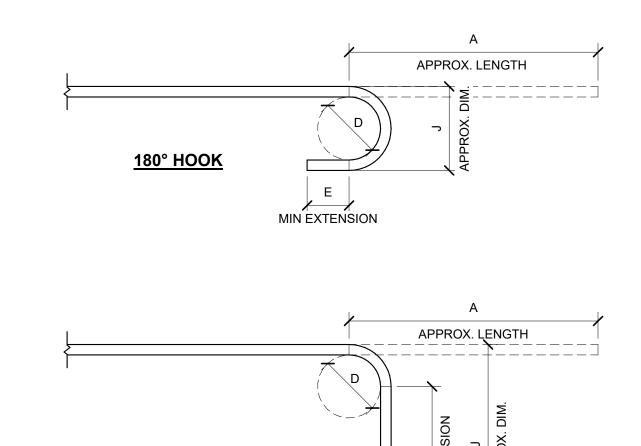
STANDARD HOOK DIMENSIONS							
DIM. BAR SIZE	D	90° HOOK A	135° HOOK A	135° HOOK J			
#3	2 1/4"	0' - 4 1/2" (4 1/2")	0' - 7" (7")	0' - 7" (7")			
#4	3"	0' - 6" (6")	0' - 9" (9")	0' - 8" (8")			
#5	3 3/4"	0' - 7 1/2" (7 1/2")	0' - 11" (11")	0' - 10" (10")			
#6	4 1/2"	0' - 9" (9")	1' - 2" (14")	1' - 0" (12")			
#7	5 1/4"	0' - 10 1/2" (10 1/2")	1' - 4" (16")	1' - 2" (14")			
#8	6"	1' - 0" (12")	1' - 6" (18")	1' - 4" (16")			



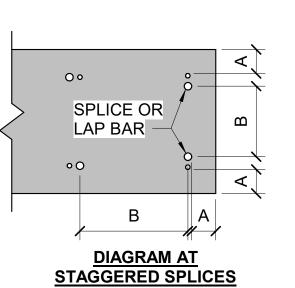
16 STIRRUP, TIES, & SEISMIC HOOK DIM.

Scale: 1 1/2" = 1'-0" Ref:

STANDARD HOOK DIMENSIONS								
DIM.			90° HOOK			180° HOOK		
BAR SIZE	D	E	Α	J	E	Α	J	
#3	2 1/4"	0' - 4 1/2" (4 1/2")	0' - 7" (7")	0' - 7" (7")	0' - 2 1/2" (2 1/2")	0' - 7" (7")	0' - 3 1/2" (3 1/2")	
#4	3"	0' - 6" (6")	0' - 9" (9")	0' - 8" (8")	0' - 2 1/2" (2 1/2")	0' - 8" (8")	0' - 4" (4")	
#5	3 3/4"	0' - 7 1/2" (7 1/2")	0' - 11" (11")	0' - 10" (10")	0' - 2 1/2" (2 1/2")	0' - 10" (10")	0' - 5" (5")	
#6	4 1/2"	0' - 9" (9")	1' - 2" (14")	1' - 0" (12")	0' - 3" (3")	1' - 0" (12")	0' - 6" (6")	
#7	5 1/4"	0' - 10 1/2" (10 1/2")	1' - 4" (16")	1' - 2" (14")	0' - 3 1/2" (3 1/2")	1' - 2" (14")	0' - 7" (7")	
#8	6"	1' - 0" (12")	1' - 6" (18")	1' - 4" (16")	0' - 4" (3")	1' - 3" (15")	0' - 8" (8")	
#9	9"	1' - 1 1/2" (13 1/2")	1' - 10" (22")	1' - 8" (20")	0' - 4 1/2" (3 1/2")	1' - 9" (21")	1' - 0" (12")	
#10	10"	1' - 3" (15")	2' - 0" (24")	1' - 10" (22")	0' - 5" (3")	1' - 11" (23")	1' - 1" (13")	
#11	11"	1' - 4 1/2" (16 1/2")	2' - 3" (27")	2' - 0" (24")	0' - 5 1/2" (3 1/2")	2' - 1" (25")	1' - 2" (14")	
#14	1' - 5" 17"	1' - 9" (21")	2' - 2" (26")	2' - 4" (28")	0' - 7" (7")	2' - 4" (28")	1' - 9" (21")	

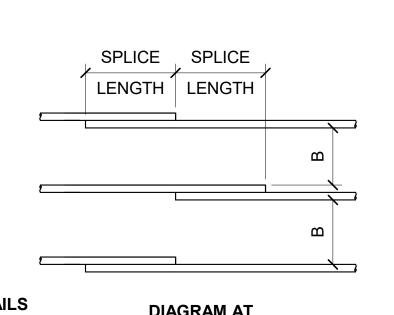


15 STANDARD HOOK DIMENSIONS
Scale: 1 1/2" = 1'-0" Ref:



A - CLEAR EDGE DISTANCE

CENTER TO CENTER SPACING OF SPLICED OR LAPPED BARS (SEE SPLICING & LAPPING DETAILS FOR MINIMUM CLEAR SPACING).



_	AXIMUM POFFSET	
	SPLICE	m

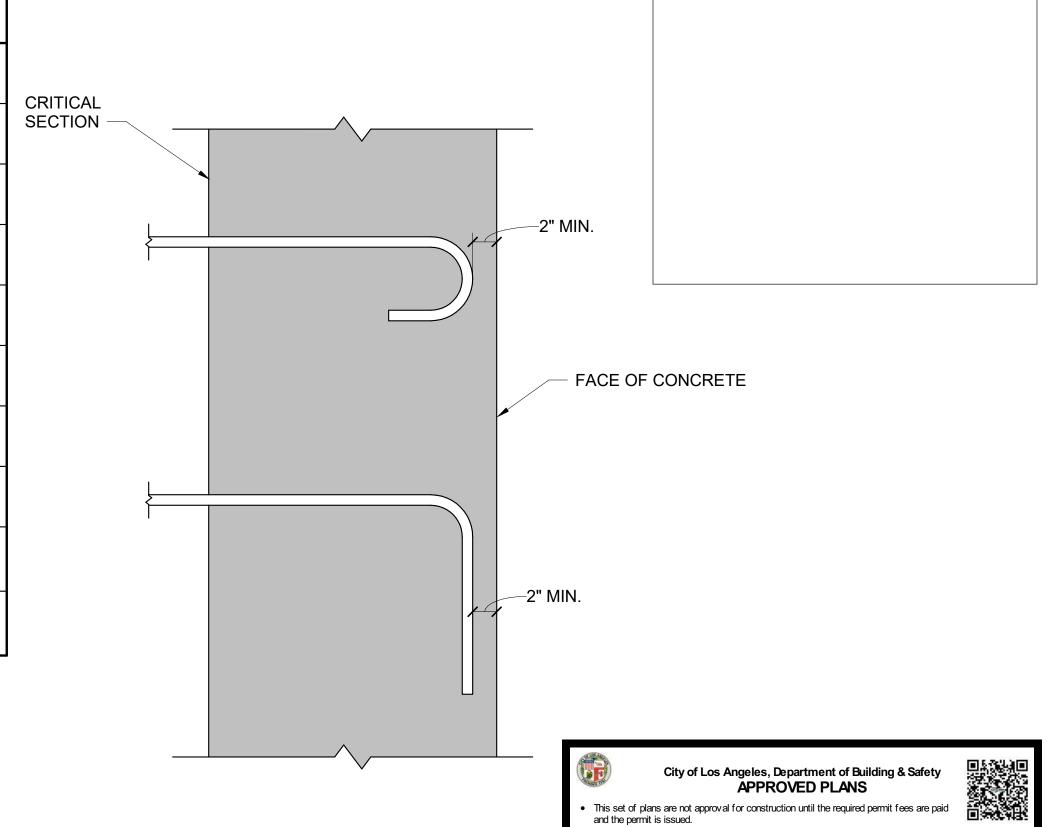
<u>DIAGRAM AT</u> STAGGERED SPLICES **DIAGRAM AT** NON-STAGGERED SPLICES

<u>90° HOOK</u>

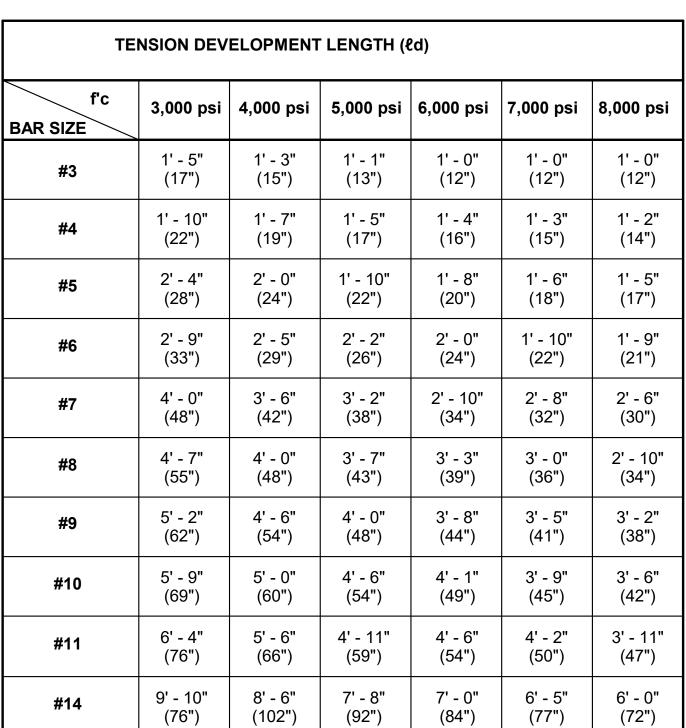
STD. HOOK DEVELOPMENT LENGTH (&dh) BAR SIZE 0' - 7" 0' - 6" 0' - 6" 0' - 6" (6") (6") (8") (6") 0' - 10" 0' - 9" 0' - 8" 0' - 8" 0' - 7" (10") (9") (8") (8") 0' - 11" | 0' - 10" 1' - 0" 0' - 9" 0' - 9" (12") (11") (14") (10") (9") (9") 1' - 0" 0' - 11" 1' - 1" (12") (15") (13") (11") (11") 1' - 3" 1' - 2" 1' - 1" 1' - 0" (15") (13") (14") (17") (12") - 10" 1' - 5" 1' - 4" 1' - 3" 1' - 2" (16") (22") (17") (19") (15") (14") 1' - 5" 1' - 10" 1' - 8" 1' - 6" 1' - 4" (20") (22") (18") (17") (16") 1' - 8" 1' - 6" 1' - 5" (28")(24") (22") (20") (18") (17") 1' - 10" 2' - 0" #11 (27") (24") (22") (20") (19") 2' - 3" 2' - 1" 1' - 11" (29") (33") (25") (27") (23")

- 1. HOOKED BAR DEVELOPMENT LENGTHS (ldh) SPECIFICALLY INDICATED ON DRAWINGS (PLANS, ELEV., ETC.) SHALL GOVERN.
- 2. LENGTHS APPLY TO GRADE 60 REBAR, IN NORMAL WEIGHT CONCRETE.
- 3. FOR GRADE 75 REBAR, MULTIPLY LENGTH BY 1.25
- 4. FOR LIGHT WEIGHT CONCRETE, MULTIPLY LENGTH BY 1.3
- 5. FOR EPOXY COATED BARS, MULTIPLY BY 1.2





• No inspection can be scheduled until the permit fees have been paid. Application No./Permit No.: **23016-10000-16092** This set of plans MUST be at the job site during construction. It is unlawful to alter, change, or deviate from these plans. • The stamping of this plan SHALL NOT constitute approval of violation of any provisions of any Ordinance SEPARATE permits are required for BUILDING, ELECTRICAL, PLUMBING, FIRE SPRINKLERS, ELEVATOR, HVAC, unless this permit was issued as a combination permit for a One or Two Family Dwelling pursuant to LAMC Section 91.0107.2.2 and the work by that trade does not require Plan Check. This approval is only for the items indicated on the permit work description. Other items shown on the plans are NOT included in this approval.



∑1 db MIN 2 db MIN **DEVELOPED BARS** <u>CASE I B</u> CRITICAL SECTION 文 1 db MIN 1 db MIN DEVELOPED BARS STIRRUPS OR TIES -THROUGH & <u>CASE I A</u> CRITICAL SECTION TYPICAL SECTION (72")

CRITICAL SECTION

- 1. SPLICE LENGTHS (ld) SPECIFICALLY INDICATED ON DRAWINGS (PLANS, ELEV., ETC.) SHALL GOVERN.
- 2. LENGTHS APPLY TO GRADE 60 REBAR, IN NORMAL WEIGHT CONCRETE COMPLYING WITH SPACING REQUIREMENTS OF CASE IA OR IB.
- 3. CASE I

- CASE IA CLEAR SPACING OF BARS BEING DEVELOPED NOT LESS THAN db, CLEAR COVER NOT LESS THAN **db**, AND STIRRUPS OR TIES THROUGHOUT **?d** NOT LESS THAN THE CODE MINIMUM
- CASE IB CLEAR SPACING OF BARS BEING DEVELOPED NOT LESS THAN 2db, AND CLEAR COVER NOT LESS THAN **db**.
- CASE II ALL OTHER CASES NOT CONFORMING TO CASE I, SHALL MULTIPLY LENGTH BY 1.5
- 4. FOR GRADE 70 REBAR, MULTIPLY LENGTH BY 1.25
- 5. FOR LIGHT WEIGHT CONCRETE, MULTIPLY LENGTH BY 1.3

- 6. FOR TOP BARS, DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW, MULTIPLY BY 1.3
- 7. FOR EPOXY COATED BARS, A. WITH COVER OF LESS THAN 3 BAR DIAMETERS OR CLEAR SPACING MORE THAN 6 BAR DIAMETERS, MULTIPLY LENGTH BY 1.5
- 8. THE PRODUCT OF **NOTES #6** & **#7** NEED NOT EXCEED **1.7**

B. ALL OTHER EPOXY CONDITIONS, MULTIPLY BY 1.2

9. DEVELOPMENT LENGTH OF INDIVIDUAL BARS WITHIN A BUNDLE SHALL BE THAT FOR THE LARGEST INDIVIDUAL BAR, INCREASED BY 20% FOR THREE (3) BARS AND 33% FOR FOUR (4) BARS

GSD 2/29/24 TENSION DEVELOPMENT CONSTRUCTION FORCES





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TEL: (949) 860-4800



CONSULTANT ENGINEERS:

APPROVAL:

SKATE ЕСНО

Drawn By Checked By NN/AT STRUCTURAL **TYPICAL** CONCRETE **DETAILS**

S-0.05

CLASS "B" TENSION SPLICE LENGTH (ℓd)						
f'c BAR SIZE	3,000 psi	4,000 psi	5,000 psi	6,000 psi	7,000 psi	8,000 psi
#3	1' - 10"	1' - 7"	1' - 5"	1' - 4"	1' - 2"	1' - 2"
	(22")	(19")	(17")	(16")	(14")	(14")
#4	2' - 5"	2' - 1"	1' - 11"	1' - 9"	1' - 7"	1' - 6"
	(29")	(25")	(23")	(21")	(19")	(18")
#5	3' - 0"	2' - 7"	2' - 4"	2' - 2"	2' - 0"	1' - 10"
	(36")	(31")	(28")	(26")	(24")	(22")
#6	3' - 7"	3' - 1"	2' - 10"	2' - 7"	2' - 4"	2' - 3"
	(43")	(37")	(34")	(31")	(28")	(27")
#7	5' - 3"	4' - 6"	4' - 1"	3' - 9"	3' - 5"	3' - 3"
	(63")	(54")	(49")	(45")	(41")	(39")
#8	6' - 0"	5' - 2"	4' - 8"	4' - 3"	3' - 11"	3' - 8"
	(72")	(62")	(56")	(51")	(47")	(44")
#9	6' - 9"	5' - 10"	5' - 3"	4' - 9"	4' - 5"	4' - 2"
	(81")	(70")	(63")	(57")	(53")	(50")
#10	7' - 6" (90")	6' - 6" (78")	5' - 9" (69")	5' - 3" (63")	4' - 11" (59")	4' - 7" (55")
#11	8' - 2"	7' - 1"	6' - 4"	5' - 10"	5' - 5"	5' - 0"
	(98")	(85")	(76")	(70")	(65")	(60")
#14	12' - 10"	11' - 1"	9' - 11"	9' - 1"	8' - 5"	7' - 10"
	(98")	(133")	(119")	(109")	(101")	(94")

NOTES:

- 1. ALL SPLICES SHALL BE CLASS B SPLICES UNLESS NOTED OTHERWISE (UNO).
- 2. SPLICE LENGTHS (ld) SPECIFICALLY INDICATED ON DRAWINGS (PLANS, ELEV., ETC.) SHALL GOVERN.
- 3. LENGTHS APPLY TO GRADE 60 REBAR, IN NORMAL WEIGHT CONCRETE COMPLYING WITH SPACING REQUIREMENTS OF CASE IA OR IB.
- 4. CASE I

CASE IA CLEAR SPACING OF BARS BEING DEVELOPED, INCLUDING SPLICE BARS, NOT LESS THAN **db**, CLEAR COVER NOT LESS THAN **db**, AND STIRRUPS OR TIES THROUGHOUT **2d** NOT LESS THAN THE CODE MINIMUM

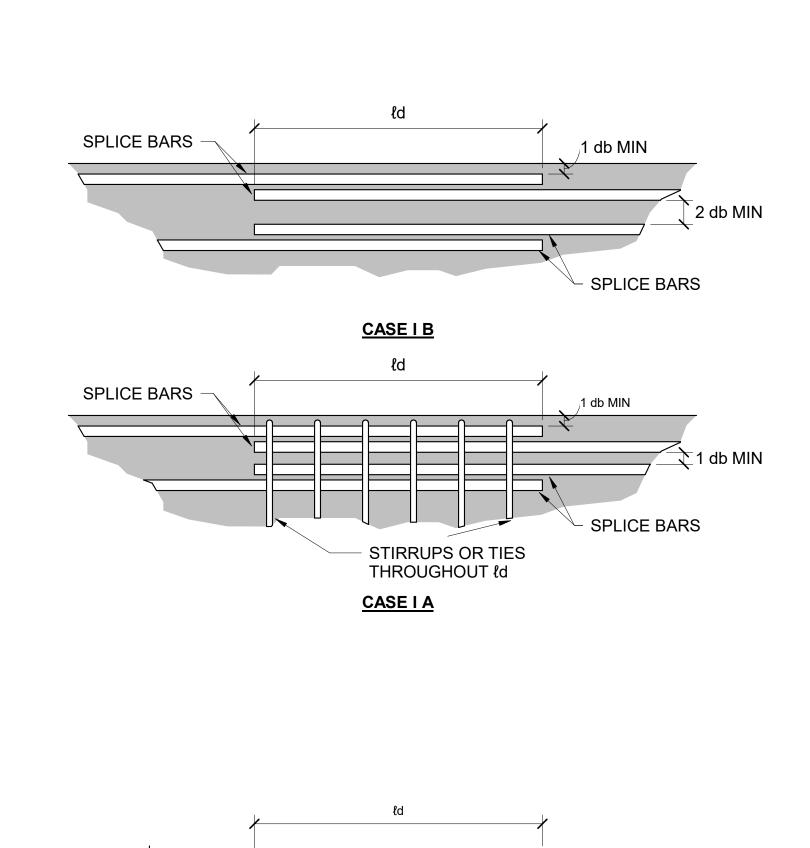
CASE IB CLEAR SPACING OF BARS BEING DEVELOPED, INCLUDING SPLICE BARS, NOT LESS THAN **2db**, AND CLEAR COVER NOT LESS THAN **db**.

CASE II ALL OTHER CASES NOT CONFORMING TO CASE I, SHALL MULTIPLY LENGTH BY 1.5

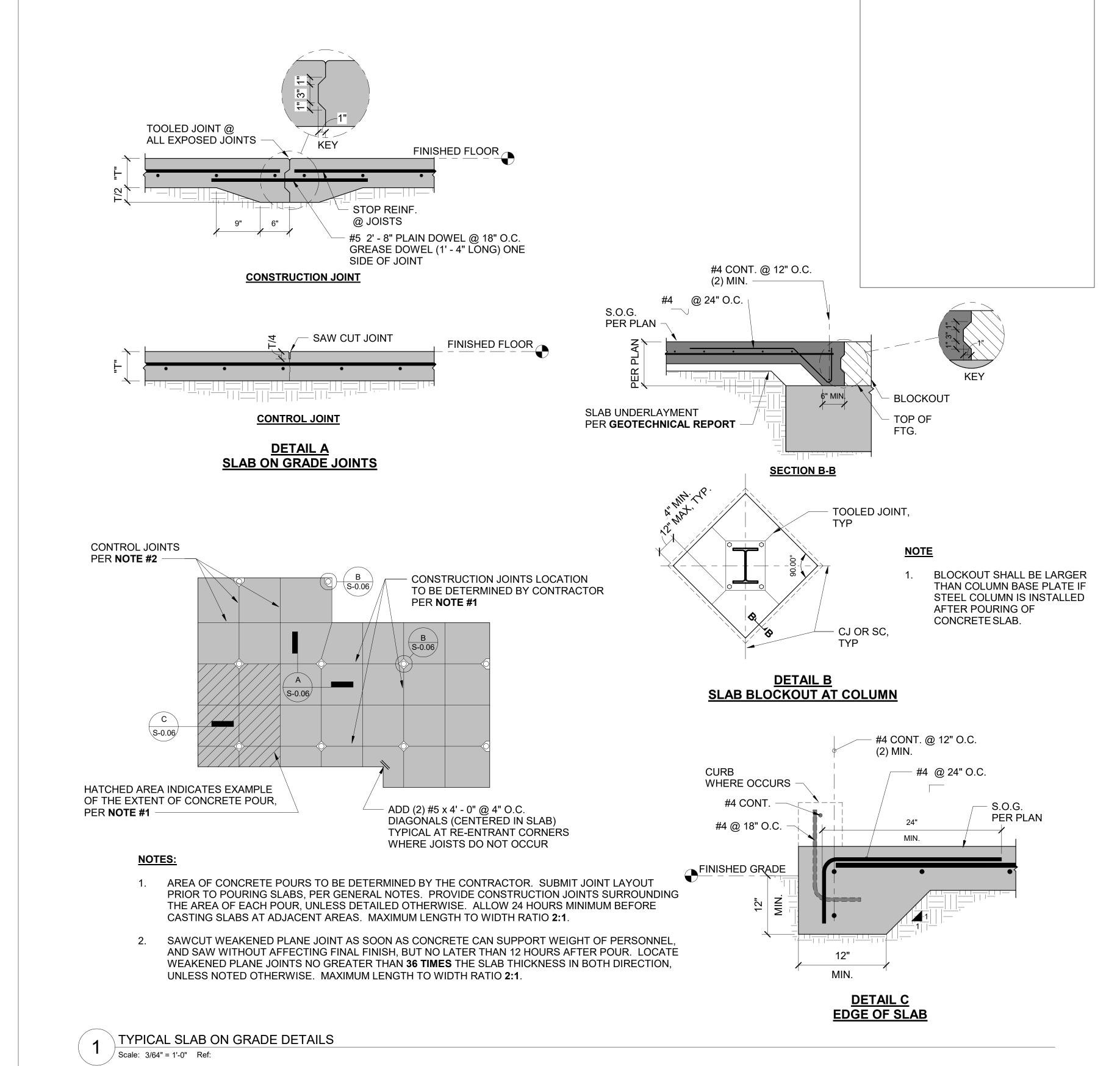
- 5. FOR GRADE 75 REBAR, MULTIPLY LENGTH BY **1.25**
- 6. FOR LIGHT WEIGHT CONCRETE, MULTIPLY LENGTH BY 1.3
- 7. FOR TOP BARS, DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW, MULTIPLY BY **1.3**
- 8. FOR EPOXY COATED BARS,

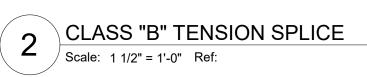
33% FOR BUNDLES WITH FOUR (4) BARS

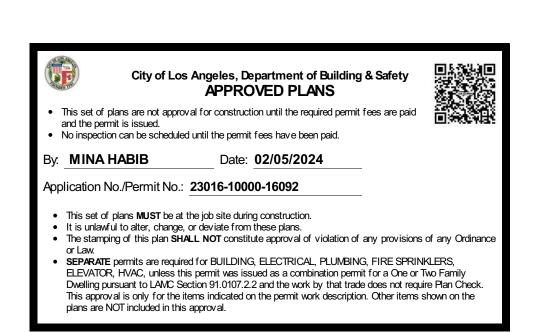
- A. WITH COVER OF LESS THAN 3 BAR DIAMETERS OR CLEAR SPACING MORE THAN 6 BAR DIAMETERS, MULTIPLY LENGTH BY **1.5**B. ALL OTHER EPOXY CONDITIONS. MULTIPLY BY **1.2**
- 9. THE PRODUCT OF **NOTES #7** & **#8** NEED NOT EXCEED **1.7**
- 8. WHERE BARS OF DIFFERENT SIZES ARE LAP SPLICED, THE SPLICE LENGTH SHALL BE THE LARGER OF THE DEVELOPMENT LENGTH OF LARGER BAR OR SPLICE LENGTH OF SMALLER BAR.
- 9. LAP SPLICES OF BARS IN A BUNDLE SHALL BE BASED ON THE LAP SPLICE LENGTH REQUIRED FOR INDIVIDUAL BARS WITHIN THE BUNDLE, INCREASE BY: 20% FOR BUNDLES WITH THREE (3) BARS AND
- 10. INDIVIDUAL BAR SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP.
- 11.CONTACT LAP SPLICES SHALL BE USED IN ALL CASES, UNLESS NOTED OTHERWISE.

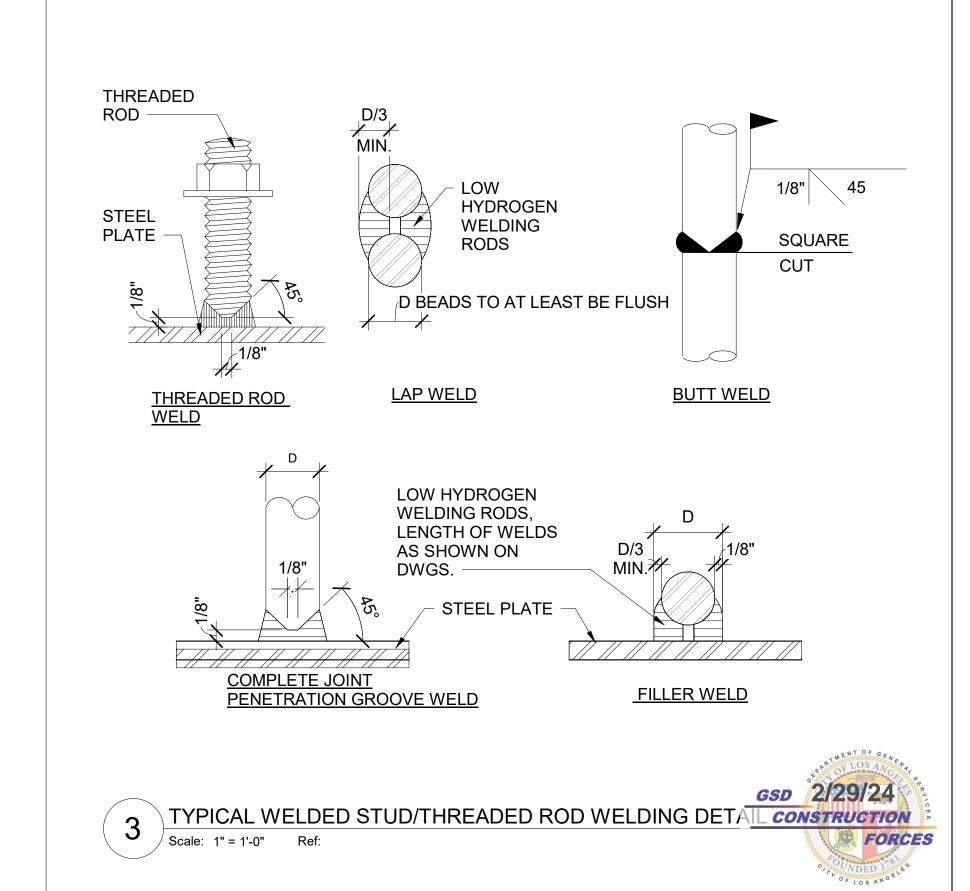


TYPICAL SECTION









Drawn By JI
Checked By NN/AT

STRUCTURAL
TYPICAL
CONCRETE
DETAILS

CONSTRUCTION

FORCES DIVISION

111 E. 1ST STREET Los Angeles, CA 90012

220 TECHNOLOGY DR., STE, 100

IRVINE, CA 92618

FAX: (949) 860-4810

TEL: (949) 860-4800

www.owengroup.com

STRUCTURAL ENGR.

CONSULTANT ENGINEERS:

APPROVAL:

TREE"

PARK-"PALM T SIGNAGE

SKATE

ЕСНО

S-0.06

PRIMARY PATH OF TRAVEL

I certify that "the primary path of travel to the area of alteration from the public way and accessible parking space as indicated on the plans does not include steps or a slope exceeding 1:20 except where access is provided by a ramp with a 1:12 maximum slope or a disabled accessible elevator. I understand that if the primary path of travel is found not to be as indicated, significant delays may result."

Position
Date

PROPERTY LINE	E	ACCESSIBLE PATH OF TRAVEL EXIST. DRIVEWAY EXIST. CHAIN LINK GATES	EXIST. 134'-10" EXIST. 12" W. CONC. BELLEVUE AVENUE ELECT. PANELS, SEE ELECT. DWGS EXIST. CONC. SIDEWALK SIDEW	EXIST. EXIST. THIS LOCATION AII.3 EXIST. CHAIN LINK FENCE EXIST. CHAIN LINK GATES
EXIST. LAWN PROPERTY LINE	EXIST. PLAYGROUND EQUIPMENT EQUIPMENT	EXIST. CONC. PAVING EXIST. CONC. PAVING	EXIST I-STORY W/ BASEMENT RECREATION CENTER BUILDING EXIST. PORCH EXIST. CONC. COURT	EXIST. CONC. WALL W CHAIN LINK FENCE EXIST. POOL EQUIP, SHED EXIST. CHAIN LINK FENCE EXIST. C



City of Los Angeles, Department of Building & Safety DISABLED ACCESS APPROVED PLANS

 This set of plans and specifications has been reviewed and is approved for compliance with state and local laws and ordinances related to accessibility to

The stamping of this set of plans and specifications shall not be held to permit or

to be an approval of the violation of any provisions of federal, state, and local laws

and ordinances related to accessibility to public accommodations and housing.

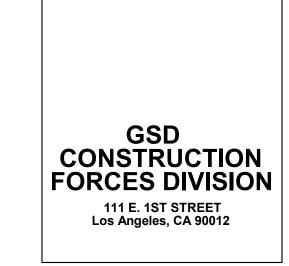
Application No./Permit No.:

public accommodations and housing.









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TEL: (949) 860-4800
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STRUCTURAL ENGR.



CONSULTANT ENGINEERS:

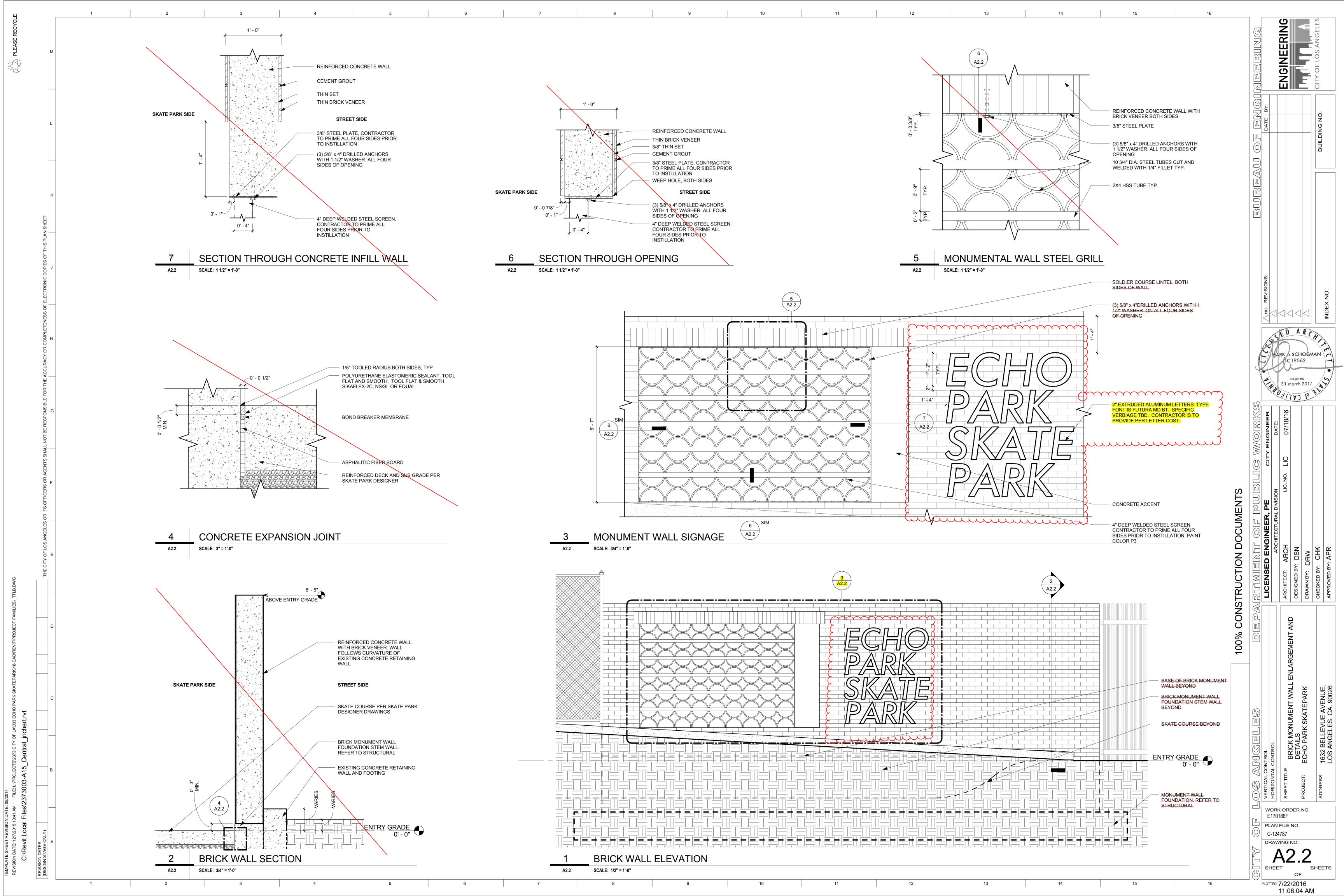
APPROVAL:

ECHO SKATE PARK- " PALM TREE",
SIGNAGE
1632 BELLEVUE AVE,
TOS ANGELES CA 90026

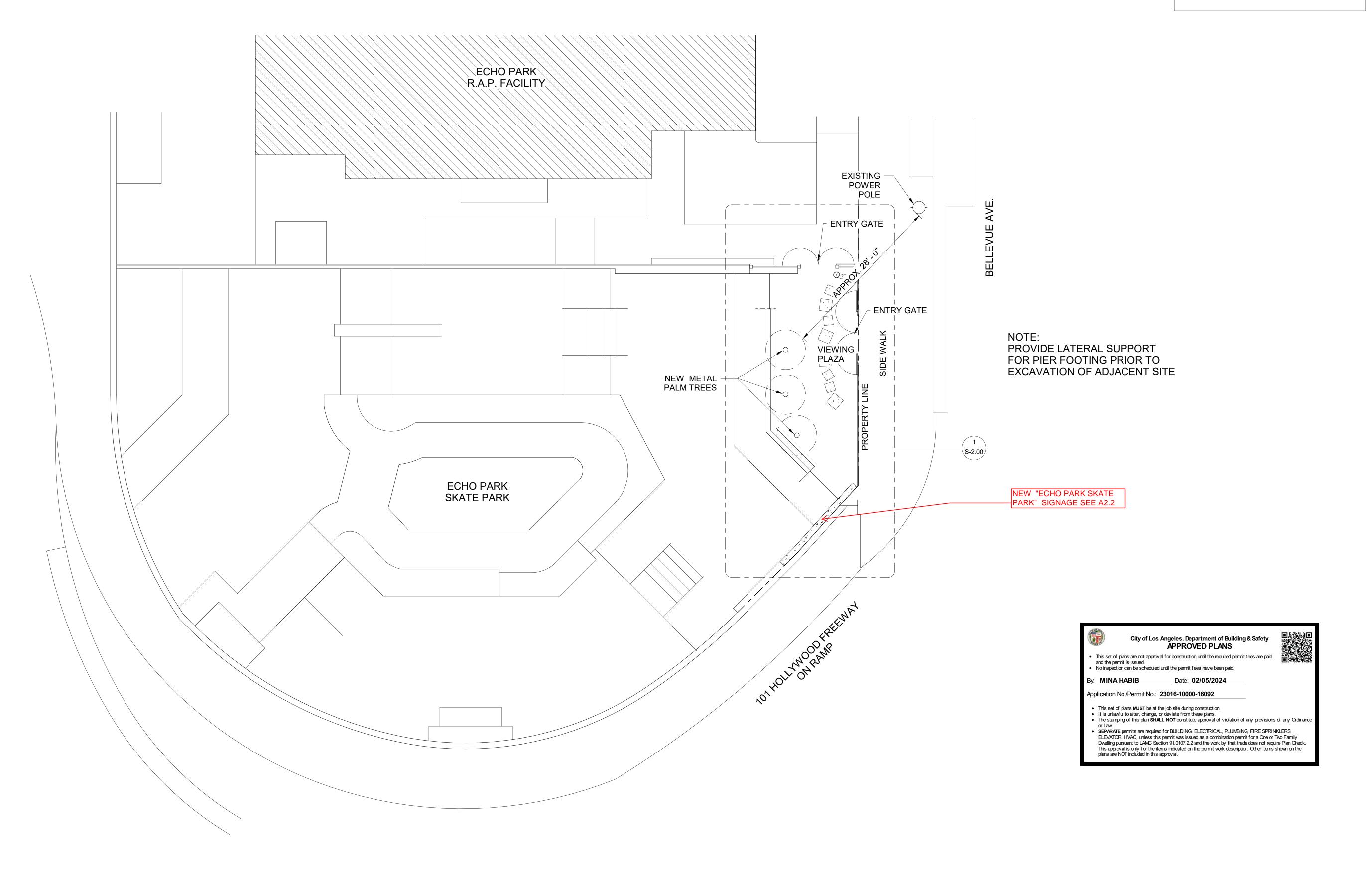
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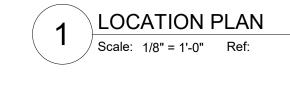
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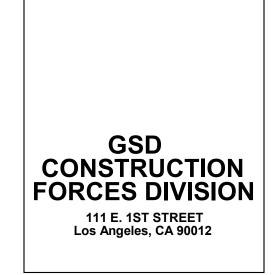












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STRUCTURAL ENGR.



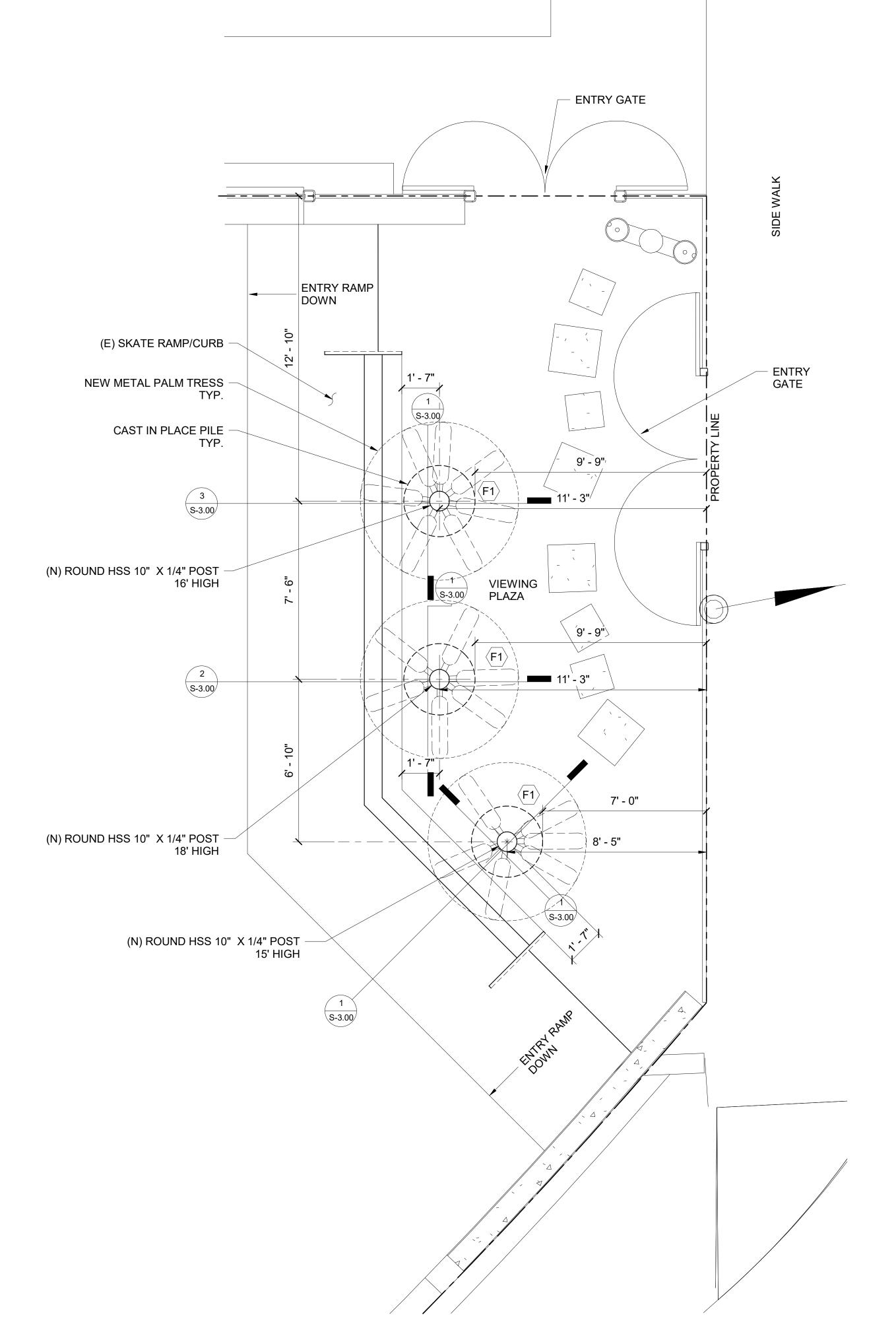
CONSULTANT ENGINEERS:

APPROVAL:

ECHO SKATE PARK- " PALM TREE",
SIGNAGE
1632 BELLEVUE AVE,

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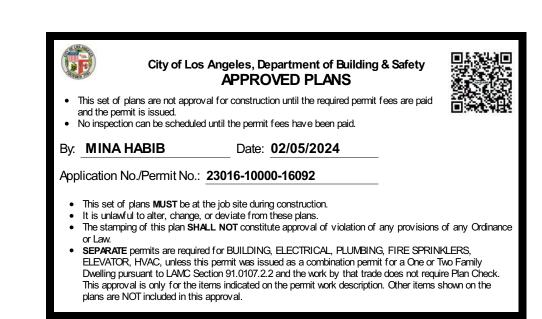
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2 ENLARGED PLAN
Scale: 3/8" = 1'-0" Ref:

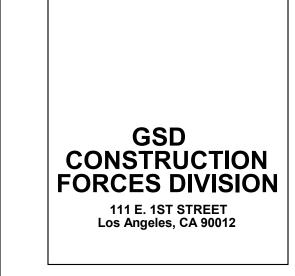
	FOOTI	NG SCHEDUL	E
FOOTING DESIGN	SIZE	DEPTH	REINFORCEMENT
(F1)	36" DIA	7' - 0"	SEE SHEET S-3.00

NOTE:
PROVIDE LATERAL SUPPORT
FOR PIER FOOTING PRIOR TO
EXCAVATION OF ADJACENT SITE



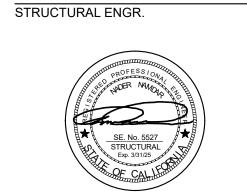








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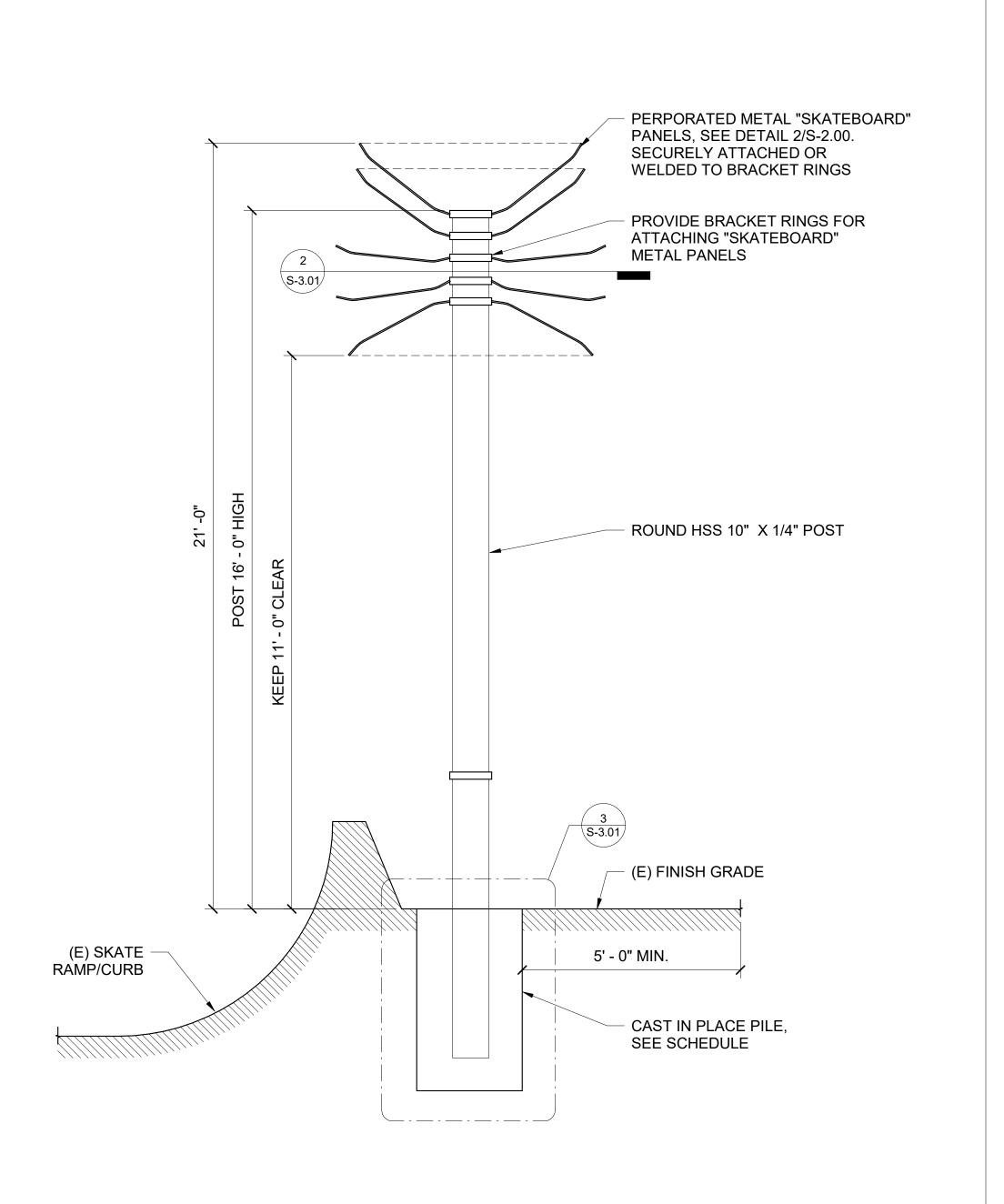
CONSULTANT ENGINEERS:

APPROVAL:

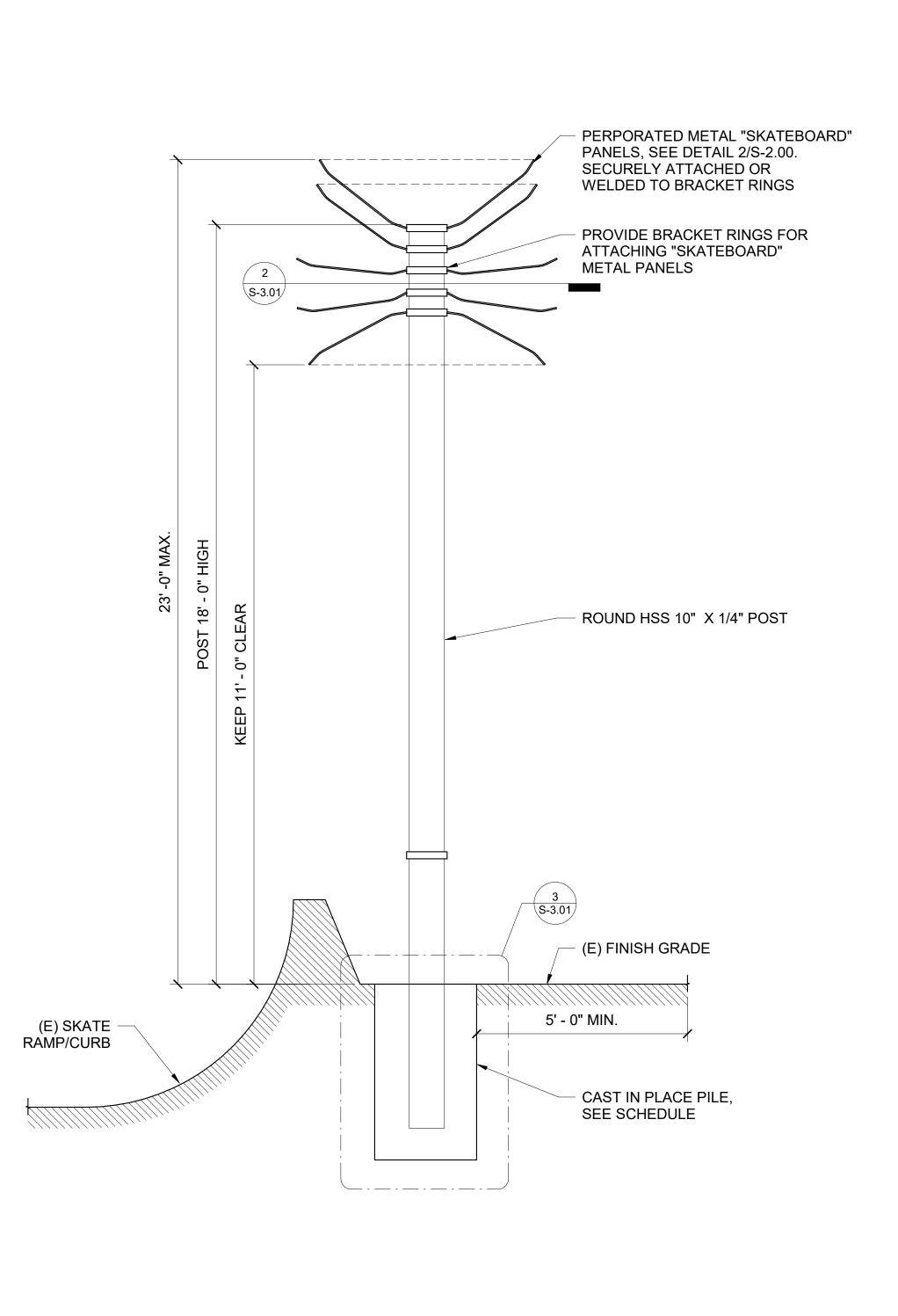
ECHO SKATE PARK- " PALM TREE",
SIGNAGE
1632 BELLEVUE AVE,

Job. No.	##
Drawn By	J
Checked By	NN/A
ENLARGE	PLAN

S-2.00



3 16' POST ELEVATION
| Scale: 1/2" = 1'-0" Ref: S-2.00



2 18' POST ELEVATION
Scale: 1/2" = 1'-0" Ref: S-2.00

City of Los Angeles, Department of Building & Safety APPROVED PLANS

• This set of plans are not approval for construction until the required permit fees are paid and the permit is issued.

• No inspection can be scheduled until the permit fees have been paid.

By: MINA HABIB Date: 02/05/2024

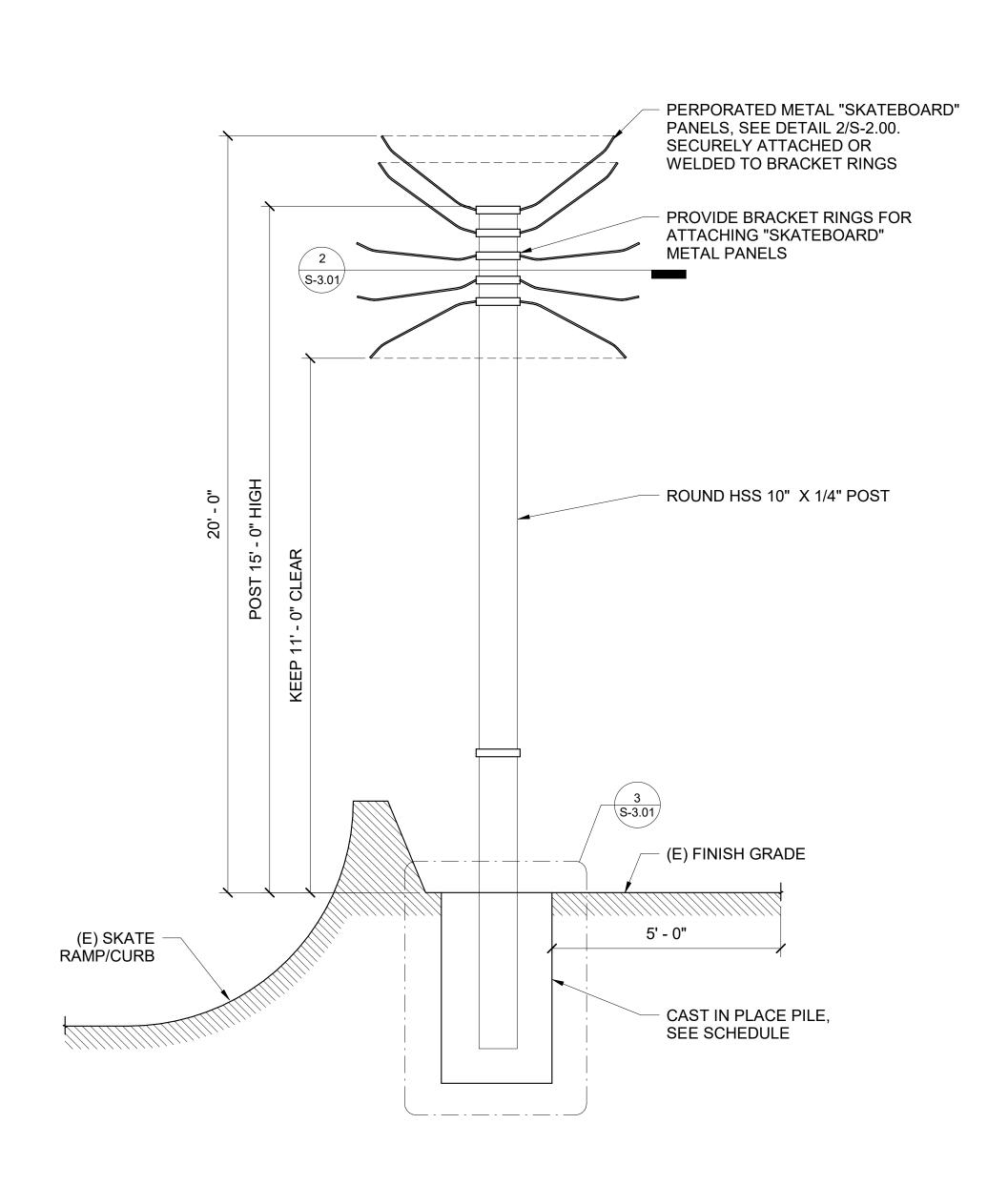
Application No./Permit No.: 23016-10000-16092

• This set of plans MUST be at the job site during construction.

• It is unlawful to alter, change, or deviate from these plans.

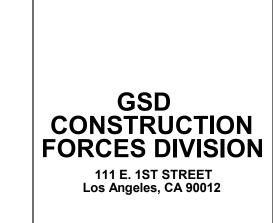
• The stamping of this plan SHALL NOT constitute approval of violation of any provisions of any Ordinance or Law.

• SEPARATE permits are required for BUILDING, ELECTRICAL, PLUMBING, FIRE SPRINKLERS, ELEVATOR, HVAC, unless this permit was issued as a combination permit for a One or Two Family Dwelling pursuant to LAWC Section 91.0107.2.2 and the work by that trade does not require Plan Check. This approval is only for the items indicated on the permit work description. Other items shown on the plans are NOT included in this approval.



15' POST ELEVATION
| Scale: 1/2" = 1'-0" Ref: S-2.00

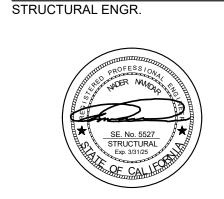




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CONSULTANT ENGINEERS:

APPROVAL:

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ECHO SKATE PARK- " PALM TREE",
SIGNAGE
1632 BELLEVUE AVE,

RIOR TO OR DURING CONSTRUCTION TO NOTIFY THE ARCHITECT IN WRITING OF ANY PERCEIVED
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E RESPONSIBLE FOR ANY DEFECTS IN CONSTRUCTION IF THESE PROCEDURES ARE NOT FOLLOWED.

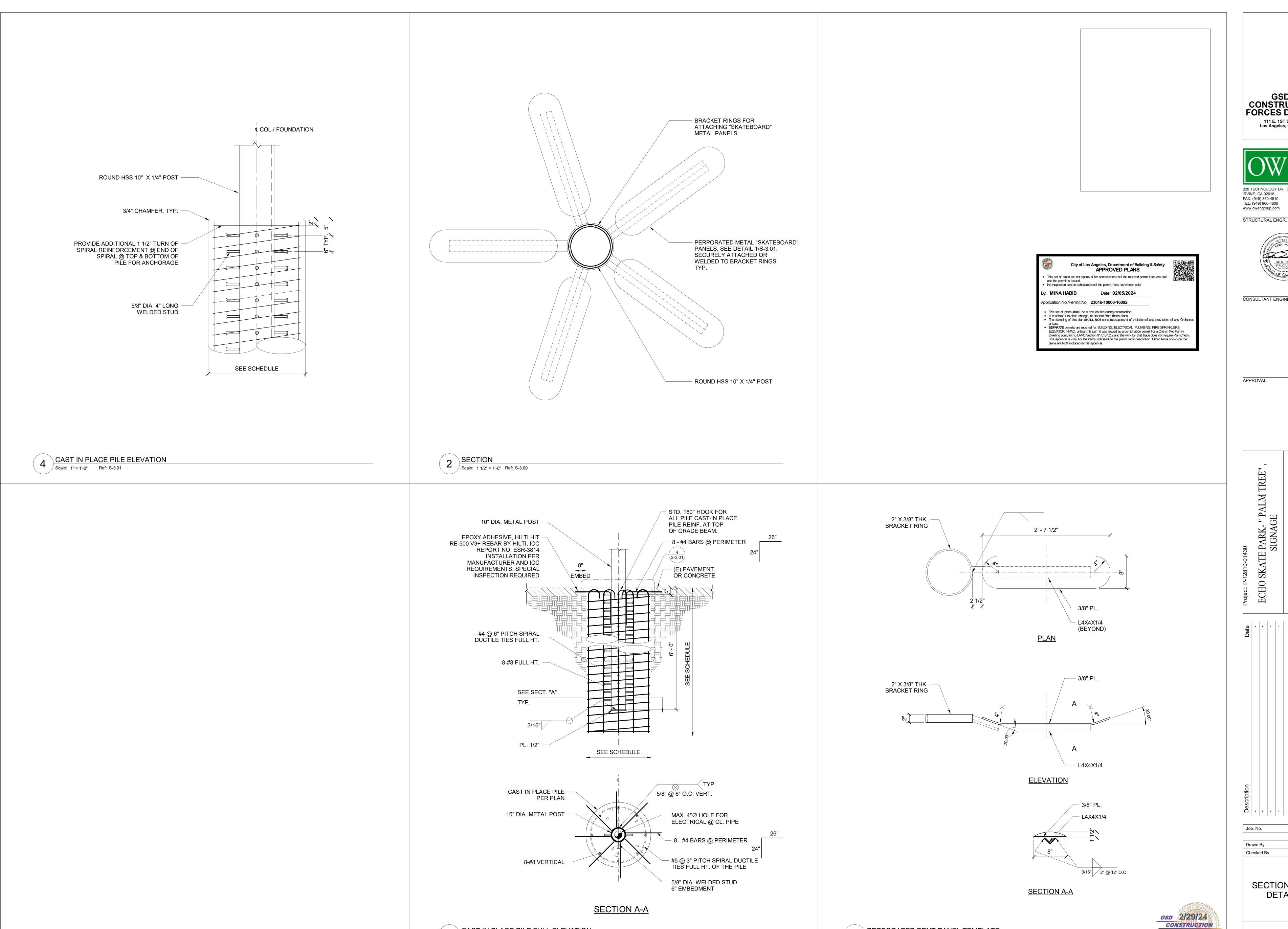
Job. No.

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Drawn By
Checked By
NN/AT

SECTIONS AND DETAILS

S-3.00



3 CAST IN PLACE PILE FULL ELEVATION

Scale: 1/2" = 1'-0" Ref: S-3.00

CONSTRUCTION FORCES DIVISION 111 E. 1ST STREET Los Angeles, CA 90012

220 TECHNOLOGY DR., STE. 100



CONSULTANT ENGINEERS:

NN/AT

SECTIONS AND **DETAILS**

S-3.01

FORCES

PERFORATED BENT PANEL TEMPLATE

Scale: 1 1/2" = 1'-0" Ref:

MEMORANDUM OF UNDERSTANDING

BETWEEN

THE DEPARTMENT OF RECREATION AND PARKS,

CONSTRUCTION FORCES OF THE DEPARTMENT OF GENERAL SERVICES

AND

THE BUREAU OF ENGINEERING
OF THE DEPARTMENT OF PUBLIC WORKS
OF THE CITY OF LOS ANGELES

FOR THE CONSTRUCTION
OF THE
ECHO PARK SKATE PARK - SIGNAGE

1632 BELLEVUE AVE., LOS ANGELES, CA - 90026

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made and entered into by and between the Department of Recreation and Parks, hereinafter referred to as RAP, Construction Forces of the Department of General Services, hereinafter referred to as GSD, and the Bureau of Engineering of the Department of Public Works, hereinafter referred to as BOE.

WITNESSETH

WHEREAS, on November 5, 1996, the voters of Los Angeles approved Proposition K: The Los Angeles for Kids Program (Prop K), which authorized funding for certain competitively awarded projects; and

WHEREAS, RAP was awarded Prop K funding for certain facility enhancements at Echo Park, such project being referred to as the Echo Park Skate Park– Signage Project (Project); and

WHEREAS, awarding the construction services for the Project to GSD is in the best interest of the City as the City could not execute a timely contract for such service through a public bid process due to the small scope of the signage; and,

WHEREAS, GSD has successfully completed numerous new construction projects and has represented that it can provide the needed construction services for the Project at a significantly lower cost than the bids received through the public bid process; and

WHEREAS, BOE will provide construction management services for the GSD for the Project; and

WHEREAS, RAP, GSD, and BOE wish to memorialize their understanding and collaboration on the Project in this MOU regarding the terms and conditions of the services to be provided for construction of the Project.

NOW, THEREFORE, RAP, GSD, and BOE agree to enter into and abide by the terms and conditions of this MOU.

ARTICLE I – THE MOU

A. PURPOSE OF THE MOU – The purpose of this MOU is:

To establish the responsibility of GSD to provide construction services for the Project located at 1632 Bellevue Ave., Los Angeles, CA 90026.

To establish the responsibility of BOE to provide construction management services and coordinate with GSD and RAP.

To memorialize how BOE will pay GSD for construction services for the Project.

B. TERM OF THE MOU

This MOU will commence upon execution by the authorized representatives of RAP, GSD, and BOE, and will expire twenty-four (24) months thereafter unless extended by written amendment per Article VIII.A.

C. REPRESENTATIVE OF THE PARTIES OF THIS MOU

The representatives of the respective parties who are authorized to administer this MOU and to whom formal notices, demands, requests and communications shall be given are as follows:

1. For RAP:

Jimmy Kim, General Manager Department of Recreation and Parks

Attn: Darryl Ford, Superintendent 221 N. Figueroa Street, 4th Floor Los Angeles, CA 90012

2. For BOE:

Alfred Mata, P.E., City Engineer Bureau of Engineering Department of Public Works

Attn.: Steven Fierce, Principal Architect 1149 S. Broadway, 8th Floor Los Angeles, CA 90015

3. For GSD:

Tony Royster, General Manager Department of General Services

Attn.: Daniel Rodriguez, Director Construction Forces 111 E. 1st Street, Room 610 Los Angeles, CA 90012

ARTICLE II - SERVICES TO BE PERFORMED BY RAP - RAP will do the following:

- A. Review and approve the construction documents and specifications for the Project prior to construction commencement.
- B. Provide GSD unrestricted access to the Project site through mutually agreed upon working hours and working days. Close the skate park while construction is ongoing inside the skate park.
- C. Respond to GSD's Request(s) for Information when owner review and approval is required. Such responses shall be forwarded to BOE for processing.
- D. Review all applicable Shop Drawings and Submittals and approve within seven (7) working days when owner approval is required. Comments shall be forwarded to BOE for processing.
- E. Notify BOE in writing of any owner requested changes to the construction documents and if such changes are outside the current scope of work, RAP shall provide adequate funding for such changes.

<u>ARTICLE III – SERVICES TO BE PERFORMED BY BOE</u> – BOE will do the following:

- A. Provide full construction budget appropriation to GSD through actions by the appropriate agencies prior to the start of construction.
- B. Review and authorize GSD expenditures, submitted on a quarterly basis, for labor, equipment and material costs incurred by GSD.
- C. Provide a complete permitted set of construction documents and specifications as approved by RAP.
- D. Provide overall Project Management and Construction Management activities, which shall include expenditures vs. budget review, schedule review and weekly meetings with GSD to review budget, design and construction issues.
- E. Respond to of GSD's Request(s) for Information in a timely manner.
- F. Review and negotiate mutually agreed upon change orders that fall within the budgeted contingency amount, subject to Board of Recreation and Park Commissioners (Board) approval, if required.
- G. Review and process all GSD invoices for all authorized completed work.

- H. Review all submittals and service contracts forwarded by GSD, including shop drawings and product data and samples, for this Project in a timely manner.
- I. Advise RAP of any changes that may change the intended function or overall design characteristics of the Project.
- J. Participate and coordinate the final acceptance inspections for the Project in conjunction with RAP. Once all noted items have been corrected, transmit final status report to RAP.
- K. After the end of construction, BOE and RAP shall review and approve "Operational and Maintenance" manuals provided by GSD.

ARTICLE IV – SERVICES TO BE PERFORMED BY GSD – GSD will do the following:

- A. GSD shall perform all required work to improve the Project site per the final construction documents and Specifications approved by the Board in compliance with applicable Federal, State and City codes and regulations.
- B. GSD shall coordinate with BOE to establish a Project construction schedule. The schedule shall be subject to the approval of BOE.
- C. GSD shall immediately notify BOE in writing of issues or barriers that impede or delay the completion of the work, including changes to cost estimates and to the construction schedule.
- D. GSD shall provide Shop Drawings and Submittals to BOE, subject to the approval of BOE or RAP.
- E. GSD shall immediately notify BOE of the need for modifications by way of a change order. All change orders are subject to the approval of BOE and RAP.
- F. GSD shall provide "Operational and Maintenance" manuals, subject to the approval of BOE and RAP.
- G. GSD shall provide a monthly report to the BOE within fourteen (14) days of the end of each month, covering all expenditures on the Project during construction. The report shall include all costs for labor, equipment and materials incurred through that period.

ARTICLE V – RECORD DRAWINGS

- A. After completion of construction, GSD shall revise and correct the final Construction Documents indicating all changes made during construction based on the construction records including, but not limited to, change orders, plan clarification/corrections and addenda. Each drawing sheet shall be prominently marked "AS-BUILT". These drawings shall be reviewed and approved by BOE.
- B. When the "AS-BUILT" drawings are approved, GSD shall deliver two (2) copies of the "AS-BUILT" to BOE, for the development of Record Drawings, that will be forwarded to RAP for its use.
- C. In addition to the Record Drawings above, BOE will deliver to RAP, one (1) updated electronic file and one (1) updated set of pdf drawings or as required.

ARTICLE VI – TIME PERIODS

- A. It is understood and agreed in this MOU that time is of the essence. The construction phases will be completed within 180 calendar days from the issuance by BOE to GSD of a Notice-To-Proceed.
- B. The time during which GSD is delayed in its work by BOE or any other agency, whose approval is required, shall be added to the time period for completion of construction. Delays due to unforeseen circumstances, which are not the fault or negligence of GSD, shall also be added to time period for completion.

ARTICLE VII – PAYMENT

A. COMPENSATION

1. Upon approval of the appropriation of the approved funds below, BOE shall authorize the expenditure of an amount not to exceed \$130,000.00 for the complete and satisfactory performance of the terms of this MOU. These funds have been transferred to GSD and are available in the following GSD accounts:

Fund / Dept.	Appropriation	Description	Amount
100/40	001014	Salaries, Construction	\$51,817
100/40	003180	Construction Materials	\$78,183
	TOTAL		\$130,000

2. The construction cost may be adjusted as necessary upon the completion of the Class "A" estimate. BOE shall approve a cost and/or scope adjustment after authorization from the Proposition K – LA for Kids Steering Committee, and subject to approval of an Amendment to the MOU by Board per Article VIII.A.

- 3. The GSD shall not be obligated to perform services under this MOU where the cost of work exceeds the estimate stipulated in this MOU, until written authorization is received from the BOE. Written authorization shall be in the form of a change order. Unforeseen conditions shall be addressed through the standard change order system.
- 4. The Change Order System includes an initiation document originating from the Construction Manager, a preliminary estimate by the BOE, a cost proposal from GSD to the BOE, an analysis of the proposal by the BOE, and a change order document signed by the GSD and the BOE.

B. METHOD AND TIME OF PAYMENT

- 1. Upon execution of this MOU, GSD shall begin construction, utilizing the funds previously transferred to GSD per Article VII.A.1.
- 2. Scheduled payment reimbursements for GSD's services shall be made, on a monthly basis. GSD shall provide a monthly report detailing the expenses incurred for that month. The amount of the monthly payment will be based on the number of staff hours and purchase orders directly chargeable to the Project supported by timesheet records and the current hourly rate and verification of the purchase orders. GSD shall provide monthly requests, with backup documentation, for BOE approval.

<u>ARTICLE VIII – MODIFICATIONS</u>

- A. Except as otherwise provided herein, this MOU may be altered, modified or amended only in writing, and executed by the parties hereto.
- B. Modifications or extra work requested during the construction phase shall be documented by a change order. The change order shall contain a description of the scope change or extra work, any additional costs approved by BOE and any time extensions approved by BOE. Change orders that exceed the budgeted contingency amount shall require approval by Board prior to commencement of the work covered by the change order.
- C. This MOU contains the full and complete agreement between RAP, BOE and GSD. No verbal agreement or conversation with any officer or employee of the parties shall affect or modify any of the terms and conditions of the MOU.

IN WITNESS WHEREOF, RAP, GSD, and BOE have caused this Memorandum of Understanding to be executed by their duly authorized representatives.

For:	Department of Recreation and Parks				
	Executed this	day of	, 20		
For:	Bureau of Engineering, Departm	ent of Public Works			
	Alfred Mata, P.E., Interim City Er				
	Executed this	day of	, 20		
For:	Department of General Services				
	Tony Royster, General Manager				
	Executed this	day of	, 20		