

CITY OF LOS ALAMITOS

3191 Katella Avenue
Los Alamitos, CA 90720

AGENDA CITY COUNCIL REGULAR MEETING

Monday, October 17, 2016 – 6:00 p.m.

NOTICE TO THE PUBLIC – This Agenda contains a brief general description of each item to be considered. Except as provided by law, action or discussion shall not be taken on any item not appearing on the agenda. Supporting documents, including staff reports, are available for review at City Hall in the City Clerk's Office or on the City's website at www.cityoflosalamitos.org once the agenda has been publicly posted.

Each matter on the agenda, no matter how described, shall be deemed to include any appropriate motion, whether to adopt a minute motion, resolution, payment of any bill, approval of any matter or action, or any other action. Items listed as "for information" or "for discussion" may also be the subject of an "action" taken by the City Council at the same meeting.

Any written materials relating to an item on this agenda submitted to the City Council after distribution of the agenda packet are available for public inspection in the City Clerk's Office, 3191 Katella Ave., Los Alamitos CA 90720, during normal business hours. In addition, such writings or documents will be made available for public review at the respective public meeting.

It is the intention of the City of Los Alamitos to comply with the Americans with Disabilities Act (ADA) in all respects. If, as an attendee, or a participant at this meeting, you will need special assistance beyond what is normally provided, please contact the City Clerk's Office at (562) 431-3538, extension 220, 48 hours prior to the meeting so that reasonable arrangements may be made. Assisted listening devices may be obtained from the City Clerk at the meeting for individuals with hearing impairments.

Persons wishing to address the City Council on any item on the City Council Agenda will be called upon at the time the agenda item is called or during the City Council's consideration of the item and may address the City Council for up to three minutes.

1. **CALL TO ORDER**
2. **ROLL CALL**
Council Member Edgar
Council Member Grose
Council Member Kusumoto
Mayor Pro Tem Hasselbrink
Mayor Murphy
3. **PLEDGE OF ALLEGIANCE**
Council Member Kusumoto will lead the Pledge of Allegiance.
4. **INVOCATION**
Mayor Murphy will give the Invocation.

5. PRESENTATIONS

- A. Presentation by Senator Nguyen providing a State Legislative Update**
- B. Presentation of a Proclamation for Red Ribbon Week to Police Captain Connolly**
- C. Presentation of GFOA Certificate of Achievement for Excellence in Financial Reporting for the City of Los Alamitos' Comprehensive Annual Financial Report for the Fiscal Year Ended June 30, 2015 to Jason Al-Imam, Administrative Services Director, and Kim Engel, Accountant**

6. ORAL COMMUNICATIONS

At this time, any individual in the audience may come forward to speak on any item within the subject matter jurisdiction of the City Council. Remarks are to be limited to not more than five minutes per speaker.

7. WARRANTS

Approve the Warrants for October 17, 2016, in the amount of \$53,315.90, ratify the Warrants for September 20, 2016 to October 16, 2016, in the amount of \$727,819.53, and authorize the City Manager to approve such expenditures as are legally due and within an unexhausted balance of an appropriation against which the same may be charged for the time period of October 18, 2016 to November 20, 2016.

ROLL CALL

Council Member Edgar
Council Member Grose
Council Member Kusumoto
Mayor Pro Tem Hasselbrink
Mayor Murphy

8. CONSENT CALENDAR

All Consent Calendar items may be acted upon by one motion unless a Council Member requests separate action on a specific item.

- A. Approval of Minutes (City Clerk)**
Approve the Minutes of September 19, 2016 Regular Council meeting.
- B. League of California Cities' 2017 Annual City Managers Department Meeting (City Manager)**
This report seeks authorization for City Manager, Bret Plumlee to attend the 2017 League of California Cities Annual City Managers Department Meeting.

Recommendation: Authorize the City Manager to attend the conference and all associated travel expenses in an amount not to exceed \$1,500.

**C. Reject All Bids for Kinmount Street and Farnham Avenue (CIP No. 16/17-03)
(City Engineer)**

This report recommends the rejection of all bids for the reconstruction of the intersection of Kinmount Street and Farnham Avenue Street Improvements (CIP No. 16/17-03)

Recommendations:

1. Reject all bids for the construction of the intersection of Kinmount Street and Farnham Avenue Street Improvements (CIP No. 16/17-03); and,
2. Authorize City Engineer to combine this project with a larger street project to obtain better prices to stay within budget.

D. Approval of Plans and Specifications, and Authorization to Bid for the Purchase of New Playground Equipment for Orville Lewis Park Playground Equipment Replacement Project (CIP No. 16/17-04) (Public Works)

This report recommends actions to facilitate the purchase of new playground equipment only for the Orville Lewis Park Playground Equipment Replacement Project (CIP No. 16/17-04).

Recommendations:

1. Approve the plans and specifications for the purchase of new playground equipment for the Orville Lewis Park Playground Equipment Replacement Project (CIP No. 16/17-04); and,
2. Authorize Staff to advertise and solicit bids.

E. Approval of a Supplemental Appropriation to Purchase a Computer Aided Dispatch and Records Management System for West Cities Police Communications (Police)

In an effort to continue to enhance public safety and meet the needs of West Cities Police Communications and the three cities, Staff is seeking City Council authorization to approve appropriations for the purchase of a new Computer Aided Dispatch and Records Management System.

Recommendation: Approve a supplemental appropriation of \$359,924 in the Police Capital Expenditures Fund to purchase a new Computer Aided Dispatch and Records Management System for West Cities Police Communications.

9. PUBLIC HEARING

A. Ordinance No. 2016-05 – A Zoning Ordinance Amendment (ZOA 16-05) Amending the Uses Allowed within the Planned Light Industrial (P-M) Zone (Development Services)

Continued consideration of changes to uses allowed within the City's Industrial Zone (other zones to follow) as recommended by the Planning Commission

during their April 27, 2016 meeting (City initiated). This item was continued from the September 19, 2016 Council meeting.

Recommendations:

1. Continue the Public Hearing; and, if appropriate,
2. Determine that the proposed project is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15061(b)(3) under the general rule that CEQA does not apply to activities which can be seen with certainty to have no effect on the environment; and,
3. Introduce, waive reading in full, authorize reading by title only of Ordinance No. 2016-05, and set for second reading; and,
4. City Attorney Reisman read the title of Ordinance No. 2016-05, entitled, "AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, APPROVING ZONING ORDINANCE AMENDMENT (ZOA) 16-05, THEREBY MAKING CHANGES TO THE TABLE OF ALLOWED USES IN SECTION 17.10.020, TABLE 2-04, SECTION 17.38.140 RELATING TO RECYCLING FACILITIES, AND DEFINITIONS IN CHAPTER 17.76, OF THE LOS ALAMITOS MUNICIPAL CODE (CITY INITIATED)."

**B. Expansion of Residential Permit Parking in Old Town East
(Development Services)**

The Traffic Commission is recommending approval to expand the Old Town East Residential Permit Parking area to a 120' segment of Catalina Street west of Pine Street and east of the alley.

Recommendations:

1. Open the Public Hearing; and,
2. Adopt Resolution No. 2016-34, entitled "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, ESTABLISHING A 120 FOOT AREA AS RESIDENTIAL PERMIT PARKING ON THE SOUTH SIDE OF CATALINA STREET WEST OF PINE STREET AND EAST OF THE ALLEY WITHIN THE OLD TOWN EAST NEIGHBORHOOD".

10. ORDINANCES

**A. Urgency Ordinance Relating to Proposition 64 – Adult Use of Marijuana Act
(City Attorney)**

At the September 19, 2016 City Council meeting, the City Council instructed the City Attorney's Office to draft an Urgency Ordinance relating to the adult use of marijuana for recreational purposes. The attached Urgency Ordinance prohibits

commercial recreational marijuana uses, prohibits outdoor personal cultivation and imposes reasonable regulations on indoor cultivation.

Recommendations:

1. Introduce, waive reading in full, authorize reading by title only, and adopt Urgency Ordinance No. 2016-08; and,
2. City Attorney Reisman read the title of Urgency Ordinance No. 2016-08, entitled, "AN URGENCY ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA AMENDING CHAPTER 17.39 OF THE LOS ALAMITOS MUNICIPAL CODE RELATING TO MEDICAL CANNABIS, ADDING URGENCY PROVISIONS RELATING TO PERSONAL CULTIVATION OF MARIJUANA, AND ADOPTING A MORATORIUM ON ALL COMMERCIAL MARIJUANA ACTIVITIES".

B. 2016 Building Standards Code and Fire Code Adoption

(Development Services)

Every three years the State of California adopts model building codes. The 2016 California Building Standards Code will take effect on January 1, 2017. The City is charged with adopting local amendments necessary for local conditions before the end of the year in order for the amendments to be effective. The attached Ordinances implement the adoption.

Recommendations:

1. Waive reading in full and authorize reading by title only of Ordinance No. 2016-06, and Ordinance No. 2016-07; and,
2. City Attorney Reisman read the title of Ordinance No. 2016-06, entitled, "AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, REPEALING CHAPTER 15.04 OF TITLE 15 OF THE LOS ALAMITOS MUNICIPAL CITY CODE AND ADDING A NEW CHAPTER 15.04, ADOPTING BY REFERENCE: VARIOUS PROVISIONS OF THE 2016 EDITION OF THE CALIFORNIA BUILDING STANDARDS CODES (CALIFORNIA CODE OF REGULATIONS, TITLE 24), CONSISTING OF THE CALIFORNIA ADMINISTRATIVE CODE, THE CALIFORNIA BUILDING CODE, THE CALIFORNIA RESIDENTIAL CODE, THE CALIFORNIA GREEN BUILDING STANDARDS CODE, THE CALIFORNIA ELECTRICAL CODE, THE CALIFORNIA MECHANICAL CODE, THE CALIFORNIA PLUMBING CODE, THE CALIFORNIA ENERGY CODE, AND THE CALIFORNIA REFERENCED STANDARDS CODE; THE 2015 INTERNATIONAL PROPERTY MAINTENANCE CODE, WITH CERTAIN AMENDMENTS, ADDITIONS, DELETIONS AND EXCEPTIONS THERETO," and,
3. City Attorney Reisman read the title of Ordinance No. 2016-07, entitled, "AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, DELETING CHAPTER 15.08 OF THE LOS ALAMITOS MUNICIPAL CODE AND ADDING A NEW CHAPTER 15.08

ADOPTING BY REFERENCE THE 2016 EDITION OF THE CALIFORNIA FIRE CODE (TITLE 24, PART 9) WITH APPENDICES AND AMENDMENTS THERETO".

11. MAYOR AND COUNCIL INITIATED BUSINESS

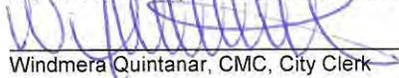
A. Council Announcements

At this time, Council Members may also report on items not specifically described on the Agenda that are of interest to the community, provided no action or discussion is taken except to provide Staff direction to report back or to place the item on a future Agenda.

12. ITEMS FROM THE CITY MANAGER

13. ADJOURNMENT

I hereby certify under penalty of perjury under the laws of the State of California, that the foregoing Agenda was posted at the following locations: Los Alamitos City Hall, 3191 Katella Ave.; Los Alamitos Community Center, 10911 Oak Street; and, Los Alamitos Museum, 11062 Los Alamitos Blvd.; not less than 72 hours prior to the meeting.



Windmera Quintanar, CMC, City Clerk

Date: October 12, 2016

CITY OF LOS ALAMITOS
A/P Warrants
October 17, 2016

To Approve

Pages:

01-03	\$	53,315.90	A/P Warrants	10/17/2016
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Subtotal	\$	53,315.90		
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To Ratify

Pages:

04	\$	100.00	Advance Warrant	09/20/2016
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05-09	\$	130,564.37	Advance Warrants	09/28/2016
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10-12	\$	31,963.02	Advance Warrants	10/05/2016
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	\$	8,071.69	October Retirees	10/01/2016
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	\$	152,374.46	Payroll	09/09/2016
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	\$	91,830.08	Payroll Benefits	09/09/2016
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	\$	152,352.00	Payroll	09/23/2016
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	\$	160,563.91	Payroll Benefits	09/23/2016
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Subtotal	\$	727,819.53		
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Grand Total	\$	781,135.43		
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Authorize the City Manager to approve such expenditures as are legally due and within an unexhausted balance of an appropriation against which the same may be charged for the time period October 18, 2016 to November 20, 2016.

Statement:

I hereby certify that the claims or demands covered by the forgoing listed warrants have been audited as to accuracy and availability of funds for payment thereof.

Certified by Jason Al-Imam, Administrative Services Director.

Jason Al-Imam

 this 11th day of October, 2016

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
ACE INDUSTRIAL SUPPLY, INC.	BLINKING BARRICADE LIGHTS	GENERAL FUND	STREET MAINTENANCE	1,306.37
			TOTAL:	1,306.37
AMERICAN RENTALS	CONCRETE	GENERAL FUND	PARK MAINTENANCE	331.20
			TOTAL:	331.20
BUILD IT WORKSPACE	INSTRUCTOR - CAMP	GENERAL FUND	SPECIAL CLASSES	100.80
	INSTRUCTOR - CAMP	GENERAL FUND	SPECIAL CLASSES	73.60
			TOTAL:	174.40
CARTRIDGE WORLD OF LOS ALAMITOS	TONER CARTRIDGE	GENERAL FUND	CITY MANAGER	102.59
			TOTAL:	102.59
CITY OF BREA	2016 - 2017 ILJAOC FEES	GENERAL FUND	COMMUNICATIONS TECHNOL	5,062.00
			TOTAL:	5,062.00
CHRISTINA GOMOLJAK	INSTRUCTOR - CAMP	GENERAL FUND	SPECIAL CLASSES	1,029.60
			TOTAL:	1,029.60
EMPIRE PIPE CLEANING & EQUIPMENT, INC.	VACUUM STORM DRAIN	GENERAL FUND	STREET MAINTENANCE	1,837.50
			TOTAL:	1,837.50
EWING	TREE TIES & LOPPER	GENERAL FUND	PARK MAINTENANCE	382.80
			TOTAL:	382.80
FIRE SERVICE CORP.	FIRE INSPECTION	GENERAL FUND	BUILDING MAINTENANCE	1,813.96
	FIRE SYSTEM INSPECTION	GENERAL FUND	BUILDING MAINTENANCE	192.01
			TOTAL:	2,005.97
GANAHL LUMBER COMPANY	BUCKETS & TAPE	GENERAL FUND	STREET MAINTENANCE	23.70
	TOOLS	GENERAL FUND	PARK MAINTENANCE	55.56
	VINYL TUBING	GENERAL FUND	BUILDING MAINTENANCE	7.48
	PLYWOOD	GENERAL FUND	BUILDING MAINTENANCE	20.47
	GLOVES & SCREWS	GENERAL FUND	BUILDING MAINTENANCE	8.49
	ELECTRICAL CONDUIT	GENERAL FUND	BUILDING MAINTENANCE	51.78
	ELECTRICAL CONDUIT	GENERAL FUND	BUILDING MAINTENANCE	4.30
			TOTAL:	171.78
GEORGE HILLS COMPANY, INC.	GL TPA SVCS JUL-SEP	SELF INSURANCE TRU	INSURANCE	6,250.00
			TOTAL:	6,250.00
K&S AIR CONDITIONING, INC.	A/C REPAIR	GENERAL FUND	BUILDING MAINTENANCE	711.00
			TOTAL:	711.00
LOS ALAMITOS AUTO PARTS	REARVIEW MIRRORS	GARAGE FUND	GARAGE	8.62
	HYDRAULIC OIL	GARAGE FUND	GARAGE	75.58
			TOTAL:	84.20
LOWE'S	STAKES	GENERAL FUND	PARK MAINTENANCE	11.36
			TOTAL:	11.36
MOORE, IACOFANO & GOLTSMAN, INC.	CONTRACT PLANNING SVCS	GENERAL FUND	NON-DEPARTMENTAL	4,550.00
			TOTAL:	4,550.00
NORM'S AUTOMOTIVE CENTER, INC.	CHEVY IMPALA REPAIR	GARAGE FUND	GARAGE	259.89
			TOTAL:	259.89

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
ANNE COREEN PENNYPACKER	INSTRUCTOR - DANCE	GENERAL FUND	SPECIAL CLASSES	50.70
			TOTAL:	50.70
DEE'S SHOES, INC.	M. DE LA TORRE	GENERAL FUND	STREET MAINTENANCE	260.00
			TOTAL:	260.00
RI-TEC INDUSTRIAL PRODUCTS	SHOP SUPPLIES	GENERAL FUND	STREET MAINTENANCE	150.00
			TOTAL:	150.00
SCIENTIA CONSULTING GROUP	IT SERVICES - OCTOBER	TECHNOLOGY REPLACE	ADMINISTRATIVE SERVICE	5,700.00
			TOTAL:	5,700.00
SOUTHERN CALIFORNIA EDISON	TRAFFIC SIGS/ST LIGHTS	GENERAL FUND	STREET MAINTENANCE	95.37
	SPRINKLERS	GENERAL FUND	PARK MAINTENANCE	169.03
			TOTAL:	264.40
SPOK, INC.	PAGER	GENERAL FUND	STREET MAINTENANCE	14.87
			TOTAL:	14.87
WALLIN, KRESS, REISMAN, & KRANITZ, LLP	GENERAL COUNSEL SVCS - SEP	GENERAL FUND	CITY ATTORNEY	6,000.00
	GENERAL COUNSEL SVCS - SEP	GENERAL FUND	CITY ATTORNEY	225.00
	GENERAL COUNSEL SVCS - SEP	GENERAL FUND	CITY ATTORNEY	425.00
	GENERAL COUNSEL SVCS - SEP	GENERAL FUND	CITY ATTORNEY	1,012.50
	GENERAL COUNSEL SVCS - SEP	GENERAL FUND	CITY ATTORNEY	1,350.00
	GENERAL COUNSEL SVCS - SEP	GENERAL FUND	CITY ATTORNEY	225.00
			TOTAL:	9,237.50
WATERSHED CONSERVATION AUTHORITY	COYOTE CREEK PROJ MNGMNT	RIVERS/MTNS. CONSE	CAPITAL PROJECTS	2,794.69
			TOTAL:	2,794.69
WHITE NELSON DIEHL EVANS, LLP	GOVT TAX SEMINAR - AL-IMAM	GENERAL FUND	ADMINISTRATIVE SERVICE	325.00
	GOVT TAX SEMINAR - ENGEL	GENERAL FUND	ADMINISTRATIVE SERVICE	325.00
			TOTAL:	650.00
WILLDAN ENGINEERING	TRAFFIC ENGINEER SVCS	GENERAL FUND	CITY ENGINEER	9,638.08
			TOTAL:	9,638.08
OSCAR M. SANCHEZ	CAR WASHES - P/D	GARAGE FUND	GARAGE	245.00
	CAR WASHES - REC	GARAGE FUND	GARAGE	40.00
			TOTAL:	285.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	===== FUND TOTALS =====			
10	GENERAL FUND	37,942.12		
41	RIVERS/MTNS. CONSERVANCY	2,794.69		
50	GARAGE FUND	629.09		
53	TECHNOLOGY REPLACEMENT	5,700.00		
54	SELF INSURANCE TRUST	6,250.00		
	GRAND TOTAL:	53,315.90		

TOTAL PAGES: 3

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
GDC COMMUNICATIONS AND SOUND	SOUND FOR CANDIDATES FORUM GENERAL FUND		CITY MANAGER	100.00
			TOTAL:	100.00

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===== FUND TOTALS =====
10 GENERAL FUND 100.00
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GRAND TOTAL: 100.00
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TOTAL PAGES: 1

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
10-8 RETROFIT, INC.	RETROFIT PD VEHICLE	GARAGE FUND	GARAGE	4,220.96
	TOTAL:			4,220.96
4IMPRINT, INC.	ROTB PROMOTIONAL ITEMS	GENERAL FUND	SPECIAL EVENTS	534.03
	TOTAL:			534.03
ACE INDUSTRIAL SUPPLY, INC.	SWEEPER & SCREWDRIVER SETS GLOVES	GENERAL FUND GARAGE FUND	STREET MAINTENANCE GARAGE	337.41 522.33
	TOTAL:			859.74
ADMINSURE	WORKERS COMP CLAIMS	SELF INSURANCE	TRU INSURANCE	498.35
	TOTAL:			498.35
ANIMAL PEST MANAGEMENT SERVICES	GOPHER CONTROL	GENERAL FUND	PARK MAINTENANCE	615.00
	TOTAL:			615.00
ARTESIA SAWDUST PRODUCTS, INC.	PLAYGROUND WOODCHIPS	GENERAL FUND	PARK MAINTENANCE	3,064.50
	TOTAL:			3,064.50
ACCESS SECURITY CONTROLS INT'L, INC.	DOOR STRIKE REPAIR - P/D	GENERAL FUND	BUILDING MAINTENANCE	227.60
	TOTAL:			227.60
BC RENTALS, INC.	TRAFFIC MARKERS	GENERAL FUND	STREET MAINTENANCE	44.72
	TOTAL:			44.72
BUSINESS PRODUCTS DISTRIBUTORS	OFFICE SUPPLIES OFFICE SUPPLIES OFFICE SUPPLIES	GENERAL FUND GENERAL FUND GENERAL FUND	ADMINISTRATIVE SERVICE ADMINISTRATIVE SERVICE COMMUNITY DEVEL ADMIN	1.40 12.43 87.37
	TOTAL:			101.20
CALIFORNIA FORENSIC PHLEBOTOMY, INC.	BLOOD TESTS	GENERAL FUND	PATROL	742.50
	TOTAL:			742.50
CARTRIDGE WORLD OF LOS ALAMITOS	PRINTER SVC & MAINT KIT PRINTER CARTRIDGE	GENERAL FUND GENERAL FUND	COMMUNITY DEVEL ADMIN PLANNING	297.86 118.79
	TOTAL:			416.65
CERTIFIED TRANSPORTATION SERVICES, INC	TRANSPORTATION SVCS 8/24	GENERAL FUND	PLAYGROUNDS	375.30
	TOTAL:			375.30
CITY OF CYPRESS	TRI CITY WOMEN AWARDS MOBILE COMMAND POST 2016 4TH OF JULY COSTS	GENERAL FUND GENERAL FUND GENERAL FUND	CITY MANAGER EMERGENCY PREPAREDNESS SPECIAL EVENTS	53.95 5,163.76 32,055.00
	TOTAL:			37,272.71
CITY OF STANTON	STANTON STATE OF THE CITY	GENERAL FUND	CITY MANAGER	35.00
	TOTAL:			35.00
COUNTY OF ORANGE TREASURER-TAX	PARKING CITATIONS - JULY FINGERPRINT ID SYS - SEPT	GENERAL FUND GENERAL FUND	NON-DEPARTMENTAL COMMUNICATIONS TECHNOL	2,137.50 322.33
	TOTAL:			2,459.83
CROWN TROPHY	TRUNK OR TREAT BANNERS	GENERAL FUND	SPECIAL EVENTS	276.48
	TOTAL:			276.48
CSI SOFTWARE	CSI SOFTWARE FY 16/17	GENERAL FUND	RECREATION ADMINISTRAT	750.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
DOOLEY ENTERPRISES, INC.	AMMUNITION	GENERAL FUND	PATROL	750.00
	TOTAL:			1,919.70
ECOFERT, INC.	FERTILIZATION SERVICE	GENERAL FUND	PARK MAINTENANCE	1,450.50
	TOTAL:			1,450.50
EWING	WEED KILLER	GENERAL FUND	PARK MAINTENANCE	40.81
	WEED KILLER	GENERAL FUND	PARK MAINTENANCE	169.39
	TOTAL:			210.20
FEDEX	SHIPPING	GENERAL FUND	ADMINISTRATIVE SERVICE	42.25
	SHIPPING	GENERAL FUND	POLICE ADMINISTRATION	26.41
	TOTAL:			68.66
FRONTIER COMMUNICATIONS	POLICE ALARMS	GENERAL FUND	COMMUNICATIONS TECHNOL	149.99
	TOTAL:			149.99
GALLS / QUARTERMASTER	UNIFORM	GENERAL FUND	PATROL	136.24
	TOTAL:			136.24
GOLDEN STATE WATER COMPANY	BILLING CYCLE 06/10-08/11	GENERAL FUND	STREET MAINTENANCE	3,662.86
	BILLING CYCLE 06/10-08/11	GENERAL FUND	PARK MAINTENANCE	6,719.81
	BILLING CYCLE 06/10-08/11	GENERAL FUND	BUILDING MAINTENANCE	845.37
	TOTAL:			11,228.04
K&S AIR CONDITIONING, INC.	A/C REPAIR - YOUTH CENTER	GENERAL FUND	BUILDING MAINTENANCE	732.95
	A/C SERVICE - CITYWIDE	GENERAL FUND	BUILDING MAINTENANCE	1,504.00
	A/C SERVICE - P/D	GENERAL FUND	BUILDING MAINTENANCE	200.60
	A/C SERVICE - CITYWIDE	GENERAL FUND	BUILDING MAINTENANCE	480.10
	TOTAL:			2,917.65
KIDSGUIDE	ONLINE DISPLAY ADS	GENERAL FUND	SPECIAL EVENTS	125.00
	TOTAL:			125.00
GARRETT KIEHL	REIMBURSE - EQUIPMENT	GENERAL FUND	PATROL	151.19
	REIMBURSE - EQUIPMENT	GENERAL FUND	PATROL	76.48
	TOTAL:			227.67
KONICA MINOLTA PREMIER	COPIER LEASE	GENERAL FUND	RECREATION ADMINISTRAT	318.94
	TOTAL:			318.94
LARRY YEE	ASSIGNING FEES	GENERAL FUND	SPORTS	402.00
	TOTAL:			402.00
LOS ALAMITOS AREA CHAMBER OF COMMERCE	CHMBR BKFS - MURPHY	GENERAL FUND	CITY COUNCIL	20.00
	CHMBR BKFS - HASSELBRINK	GENERAL FUND	CITY COUNCIL	20.00
	TOTAL:			40.00
LOS ALAMITOS LOCK SERVICE, INC.	KEYS	GENERAL FUND	POLICE ADMINISTRATION	72.90
	KEYS	GENERAL FUND	BUILDING MAINTENANCE	72.90
	TOTAL:			145.80
MAJOR LEAGUE SOFTBALL, INC.	ASSIGNING FEES - JULY	GENERAL FUND	SPORTS	72.00
	ASSIGNING FEES - AUGUST	GENERAL FUND	SPORTS	72.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
MARATHON DISTRIBUTORS	BINGO BOARD FLASHBULBS	GENERAL FUND	BUILDING MAINTENANCE	32.40
	TOTAL:			144.00
MIDORI GARDENS	PARK & LANDSCAP MAINT - AUG	GENERAL FUND	PARK MAINTENANCE	5,111.00
	TOTAL:			5,111.00
MISC. VENDOR	REFUND - DAY CAMP	GENERAL FUND	NON-DEPARTMENTAL	50.00
	REFUND - SWIM LESSONS	GENERAL FUND	NON-DEPARTMENTAL	53.00
	REFUND - TENNIS	GENERAL FUND	NON-DEPARTMENTAL	165.00
	REFUND - SWIM LESSONS	GENERAL FUND	NON-DEPARTMENTAL	63.00
	REFUND - T-BALL	GENERAL FUND	NON-DEPARTMENTAL	27.00
	REFUND - EXCURSION	GENERAL FUND	NON-DEPARTMENTAL	15.00
	REFUND - EXCURSION	GENERAL FUND	NON-DEPARTMENTAL	15.00
	REFUND - ESSAY WORKSHOP	GENERAL FUND	NON-DEPARTMENTAL	150.00
	REFUND - DAY CAMP	GENERAL FUND	NON-DEPARTMENTAL	50.00
	REFUND - DAY CAMP	GENERAL FUND	NON-DEPARTMENTAL	110.00
	REFUND - PICNIC SHELTER	GENERAL FUND	NON-DEPARTMENTAL	65.00
	REFUND - SECURITY DEPOSIT	GENERAL FUND	NON-DEPARTMENTAL	250.00
	REFUND - SECURITY DEPOSIT	GENERAL FUND	NON-DEPARTMENTAL	150.00
	REFUND - SECURITY DEPOSIT	GENERAL FUND	NON-DEPARTMENTAL	150.00
	TOTAL:			1,313.00
NEWS ENTERPRISE	GENERAL PLAN AMENDMENT	GENERAL FUND	CITY COUNCIL	156.75
	ADOPTION OF ORDINANCE	GENERAL FUND	CITY COUNCIL	90.23
	2016 NOTICE OF ELECTION	GENERAL FUND	CITY MANAGER	175.75
	TOTAL:			422.73
P.L. PERRIN & ASSOCIATES	POLYGRAPH EXAMS	GENERAL FUND	ADMINISTRATIVE SERVICE	500.00
	TOTAL:			500.00
PENINSULA SEPTIC SERVICE, INC.	SEPTIC DISPOSAL FEE	GENERAL FUND	BUILDING MAINTENANCE	455.00
	TOTAL:			455.00
PETTY CASH	CHAMBER BREAKFAST	GENERAL FUND	POLICE ADMINISTRATION	20.00
	ARMORY SUPPLIES	GENERAL FUND	PATROL	11.86
	ARMORY SUPPLIES	GENERAL FUND	PATROL	60.46
	TRAINING	GENERAL FUND	RECORDS	10.00
	PARKING	GENERAL FUND	YOUTH SERVICES	75.00
	TOTAL:			177.32
ESTHER G. RANDOLPH	INSTRUCTOR - YOGA	GENERAL FUND	SPECIAL CLASSES	6.50
	INSTRUCTOR - YOGA	GENERAL FUND	SPECIAL CLASSES	6.50
	INSTRUCTOR - YOGA	GENERAL FUND	SPECIAL CLASSES	26.00
	INSTRUCTOR - YOGA	GENERAL FUND	SPECIAL CLASSES	19.50
	TOTAL:			58.50
DEE'S SHOES, INC.	QUEZEDA	GENERAL FUND	STREET MAINTENANCE	190.08
	J. MENDOZA	GENERAL FUND	BUILDING MAINTENANCE	220.32
	TOTAL:			410.40
REDFLEX TRAFFIC SYSTEMS, INC.	PHOTO ENFORCEMENT - AUGUST	GENERAL FUND	TRAFFIC	13,728.00
	INTERSECTION COM-KAT/BLMFL	GENERAL FUND	TRAFFIC	138.08
	TOTAL:			13,866.08

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
MCKENZIE RICKS	AWARDS LUNCHEON DESSERTS	GENERAL FUND	CITY COUNCIL	170.00
			TOTAL:	170.00
ROSSMOOR CAR WASH	CAR WASHES - P/D	GARAGE FUND	GARAGE	36.98
	CAR WASHES - C/D	GARAGE FUND	GARAGE	13.00
			TOTAL:	49.98
ROSSMOOR/LOS AL AREA SEWER	PARKING LOT RENTAL - 2Q16	GENERAL FUND	POLICE ADMINISTRATION	1,500.00
	PARKING LOT RENTAL - 3Q16	GENERAL FUND	POLICE ADMINISTRATION	1,500.00
			TOTAL:	3,000.00
THEODORE SIEGEL	SR. PROGRAM ENTERTAINMENT	GENERAL FUND	NON-DEPARTMENTAL	100.00
			TOTAL:	100.00
SMART & FINAL	KITCHEN/FIRST AID SUPPLIES	GENERAL FUND	POLICE ADMINISTRATION	170.60
			TOTAL:	170.60
SO CAL SANITATION LLC	RESTROOM RENTAL	GENERAL FUND	PLAYGROUNDS	199.40
			TOTAL:	199.40
SOUTH COAST SUPPLY & GARDEN DAZE	CONCRETE & LUMBER	GENERAL FUND	PARK MAINTENANCE	109.86
			TOTAL:	109.86
SOUTHERN CALIFORNIA EDISON	TRAFFIC SIGS/ST LIGHTS	GENERAL FUND	STREET MAINTENANCE	13,409.01
	PARKS	GENERAL FUND	PARK MAINTENANCE	170.22
	MCAULIFFE PARK	GENERAL FUND	PARK MAINTENANCE	327.73
	PUMP STATIONS	GENERAL FUND	BUILDING MAINTENANCE	52.43
	CITY HALL	GENERAL FUND	BUILDING MAINTENANCE	1,424.03
	POLICE STATION	GENERAL FUND	BUILDING MAINTENANCE	2,891.21
	COMMUNITY CENTER	GENERAL FUND	BUILDING MAINTENANCE	4,898.09
			TOTAL:	23,172.72
ST. OF CALIFORNIA DEPT. OF JUSTICE	LIVE SCAN FINGERPRINTING	GENERAL FUND	ADMINISTRATIVE SERVICE	66.00
	LIVE SCAN FINGERPRINTING	GENERAL FUND	ADMINISTRATIVE SERVICE	96.00
			TOTAL:	162.00
SY NURSERY	COMPOST	GENERAL FUND	PARK MAINTENANCE	154.78
			TOTAL:	154.78
TASC	FLEX ADMIN SVCS - AUGUST	GENERAL FUND	ADMINISTRATIVE SERVICE	150.00
			TOTAL:	150.00
WEST PUBLISHING CORPORATION	SUBSCRIPTION - AUGUST	GENERAL FUND	INVESTIGATION	125.01
			TOTAL:	125.01
TIME WARNER CABLE	CABLE SERVICE	GENERAL FUND	CITY MANAGER	388.94
	CABLE SERVICE	GENERAL FUND	CITY MANAGER	41.10
			TOTAL:	430.04
UNDERGROUND SERVICE ALERT OF SO CAL	SERVICE ALERT NOTIFICATION	GENERAL FUND	STREET MAINTENANCE	28.50
			TOTAL:	28.50
VERIZON WIRELESS	CITY MANAGER	GENERAL FUND	CITY MANAGER	53.79
	POLICE DEPARTMENT	GENERAL FUND	PATROL	11.31
	MDC CARDS	GENERAL FUND	PATROL	304.08
	DETECTIVE AIR CARDS	GENERAL FUND	INVESTIGATION	76.02

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	SRO AIR CARD	GENERAL FUND	YOUTH SERVICES	38.01
	COMMUNITY DEVELOPMENT	GENERAL FUND	NEIGHBORHOOD PRESERVAT	11.31
	PUBLIC WORKS DEPARTMENT	GENERAL FUND	STREET MAINTENANCE	204.87
	POOL PHONE SERVICE	GENERAL FUND	AQUATICS	40.01
			TOTAL:	739.40
	FUEL	GARAGE FUND	GARAGE	6,294.01
	FUEL TAX CREDIT	GARAGE FUND	GARAGE	417.01
	CNG FUEL	GARAGE FUND	GARAGE	210.10
			TOTAL:	6,087.10
	INSTRUCTOR - TENNIS	GENERAL FUND	SPECIAL CLASSES	132.60
	INSTRUCTOR - TENNIS	GENERAL FUND	SPECIAL CLASSES	132.60
	INSTRUCTOR - TENNIS	GENERAL FUND	SPECIAL CLASSES	171.60
	INSTRUCTOR - TENNIS	GENERAL FUND	SPECIAL CLASSES	85.80
	INSTRUCTOR - TENNIS	GENERAL FUND	SPECIAL CLASSES	257.40
	INSTRUCTOR - TENNIS	GENERAL FUND	SPECIAL CLASSES	214.50
	INSTRUCTOR - TENNIS	GENERAL FUND	SPECIAL CLASSES	214.50
			TOTAL:	1,209.00
	SIGNS	GENERAL FUND	STREET MAINTENANCE	40.59
			TOTAL:	40.59
	TRAFFIC ENG DEVEL REVIEW	GENERAL FUND	CITY ENGINEER	140.00
			TOTAL:	140.00

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===== FUND TOTALS =====
10 GENERAL FUND          119,185.65
50 GARAGE FUND           10,880.37
54 SELF INSURANCE TRUST    498.35
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GRAND TOTAL:           130,564.37
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TOTAL PAGES: 5

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
ADAMSON POLICE PRODUCTS	EQUIPMENT	GENERAL FUND	PATROL	941.76
			TOTAL:	941.76
ALL AMERICAN SIGN COMPANY	DODGE CHARGER LETTERING	GARAGE FUND	GARAGE	251.94
			TOTAL:	251.94
JHM SUPPLY, INC.	TREE STAKES	GENERAL FUND	PARK MAINTENANCE	166.62
	IRRIGATION PARTS	GENERAL FUND	PARK MAINTENANCE	97.20
	TOOLS	GENERAL FUND	PARK MAINTENANCE	49.94
			TOTAL:	313.76
CARTRIDGE WORLD OF LOS ALAMITOS	PRINTER INK CARTRIDGES	GENERAL FUND	PLANNING	49.66
			TOTAL:	49.66
CHARLES ABBOTT ASSOCIATES, INC.	BUILDING PERMIT FEES - AUG	GENERAL FUND	BUILDING INSPECTION	5,628.67
	NPDES INSPECTIONS - AUG	GENERAL FUND	NPDES	1,890.00
			TOTAL:	7,518.67
CITY OF SEAL BEACH	AUGUST BOOKINGS	GENERAL FUND	PATROL	245.00
			TOTAL:	245.00
BOB COHEN	INSTRUCTOR - ADULT ED	GENERAL FUND	SPECIAL CLASSES	79.30
			TOTAL:	79.30
DATA TICKET, INC.	CODE ENFORCE CITES - MAY	GENERAL FUND	NEIGHBORHOOD PRESERVAT	100.00
	CODE ENFORCE CITES - JUL	GENERAL FUND	NEIGHBORHOOD PRESERVAT	200.00
			TOTAL:	300.00
DIGITAL SCEPTER	FIREWALL PROTECTION	TECHNOLOGY REPLACE	ADMINISTRATIVE SERVICE	2,304.00
			TOTAL:	2,304.00
CARRI FOX	INSTRUCTOR - DANCE	GENERAL FUND	SPECIAL CLASSES	36.40
	INSTRUCTOR - DANCE	GENERAL FUND	SPECIAL CLASSES	28.00
	INSTRUCTOR - DANCE	GENERAL FUND	SPECIAL CLASSES	22.40
	INSTRUCTOR - DANCE	GENERAL FUND	SPECIAL CLASSES	28.00
	INSTRUCTOR - DANCE	GENERAL FUND	SPECIAL CLASSES	25.20
			TOTAL:	140.00
FRONTIER COMMUNICATIONS	CITY HALL PHONE/FAX LINES	GENERAL FUND	COMMUNICATIONS TECHNOL	1,246.35
			TOTAL:	1,246.35
GANAHL LUMBER COMPANY	GRAFFITI REMOVAL SUPPLIES	GENERAL FUND	STREET MAINTENANCE	58.32
	SHOP SUPPLIES	GENERAL FUND	BUILDING MAINTENANCE	47.77
	RESTROOM SUPPLIES	GENERAL FUND	BUILDING MAINTENANCE	258.12
	RESTROOM SUPPLIES	GENERAL FUND	BUILDING MAINTENANCE	41.03
	GLOVES	GENERAL FUND	BUILDING MAINTENANCE	27.49
	KEY	GARAGE FUND	GARAGE	2.69
			TOTAL:	435.42
CINDY GRISWOLD	INSTRUCTOR - CPR	GENERAL FUND	SPECIAL CLASSES	81.90
	INSTRUCTOR - FIRST AID	GENERAL FUND	SPECIAL CLASSES	13.65
			TOTAL:	95.55
JUDICIAL DATA SYSTEMS CORP.	HEARING EXAMINER - SEP	GENERAL FUND	TRAFFIC	40.00
	HEARING EXAMINER - FEB	GENERAL FUND	TRAFFIC	120.00
	HEARING EXAMINER - JUN	GENERAL FUND	TRAFFIC	260.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
KONICA MINOLTA BUSINESS SOLUTIONS	COPIER LEASE	GENERAL FUND	ADMINISTRATIVE SERVICE	473.05
	COPIER LEASE	GENERAL FUND	POLICE ADMINISTRATION	264.60
			TOTAL:	737.65
LEXIPOL, LLC	PD POLICY MANUAL	GENERAL FUND	POLICE ADMINISTRATION	5,785.00
			TOTAL:	5,785.00
MARATHON DISTRIBUTORS	BINGO BOARD REPAIR	GENERAL FUND	BUILDING MAINTENANCE	86.35
			TOTAL:	86.35
MEMORIAL OCCUPATIONAL MEDICAL SERVICES	PRE-EMPLOYMENT PHYSICALS	GENERAL FUND	ADMINISTRATIVE SERVICE	360.00
			TOTAL:	360.00
MISC. VENDOR	REFUND - SWIM LESSONS	GENERAL FUND	NON-DEPARTMENTAL	63.00
			TOTAL:	63.00
MWR	POOL USAGE - AUGUST	GENERAL FUND	AQUATICS	3,652.71
			TOTAL:	3,652.71
NEWPORT EXTERMINATING	GENERAL PEST CONTROL	GENERAL FUND	BUILDING MAINTENANCE	175.00
	RODENT CONTROL - YTH CTR	GENERAL FUND	BUILDING MAINTENANCE	60.00
	RODENT CONTROL - CTY HLL	GENERAL FUND	BUILDING MAINTENANCE	60.00
			TOTAL:	295.00
NEWS ENTERPRISE	PUBLIC NOTICES	GAS TAX	CAPITAL PROJECTS	105.09
	PUBLIC NOTICES	GAS TAX	CAPITAL PROJECTS	16.03
	PUBLIC NOTICES	MEASURE M	CAPITAL PROJECTS	105.09
	PUBLIC NOTICES	MEASURE M	CAPITAL PROJECTS	518.32
			TOTAL:	744.53
NORM'S AUTOMOTIVE CENTER, INC.	CHEVY TAHOE REPAIRS	GARAGE FUND	GARAGE	639.53
			TOTAL:	639.53
THOMAS OLIVER	REIMBURSE APA MEMBERSHIP	GENERAL FUND	PLANNING	375.00
			TOTAL:	375.00
PACIFIC TELEMANAGEMENT SERVICES	PAY PHONE	GENERAL FUND	COMMUNICATIONS TECHNOL	43.00
			TOTAL:	43.00
SOUTHERN CALIFORNIA EDISON	PARKS	GENERAL FUND	PARK MAINTENANCE	50.19
	SPRINKLERS	GENERAL FUND	PARK MAINTENANCE	14.36
			TOTAL:	64.55
SOUTHERN CALIFORNIA GAS	3614 FENLEY DR.	GENERAL FUND	STREET MAINTENANCE	14.79
	3191 KATELLA AVE.	GENERAL FUND	BUILDING MAINTENANCE	113.52
	10911 OAK ST.	GENERAL FUND	BUILDING MAINTENANCE	46.98
			TOTAL:	175.29
WEST COAST ARBORISTS, INC.	FY 16/17 TREE TRIMMING	GAS TAX	CAPITAL PROJECTS	562.50
	FY 16/17 TREE TRIMMING	GAS TAX	CAPITAL PROJECTS	1,587.50
	FY 16/17 TREE TRIMMING	MEASURE M	CAPITAL PROJECTS	562.50
	FY 16/17 TREE TRIMMING	MEASURE M	CAPITAL PROJECTS	1,587.50
			TOTAL:	4,300.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
OSCAR M. SANCHEZ	CAR WASHES - P/D	GARAGE FUND	GARAGE	245.00
	CAR WASHES - ADMIN	GARAGE FUND	GARAGE	15.00
	CAR WASHES - REC	GARAGE FUND	GARAGE	40.00
	TOTAL:			300.00

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===== FUND TOTALS =====
10 GENERAL FUND                23,420.33
20 GAS TAX                     2,271.12
26 MEASURE M                   2,773.41
50 GARAGE FUND                 1,194.16
53 TECHNOLOGY REPLACEMENT     2,304.00
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GRAND TOTAL:                  31,963.02
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**MINUTES OF THE CITY COUNCIL
OF THE CITY OF LOS ALAMITOS**

REGULAR MEETING – September 19, 2016

THESE MINUTES ISSUED FOR
INFORMATION ONLY AND ARE
SUBJECT TO AMENDMENT AND
APPROVAL AT NEXT MEETING.

1. CALL TO ORDER

The City Council met in Regular Session at 5:47 p.m., Monday, September 19, 2016, in the Council Chamber, 3191 Katella Avenue, Mayor Murphy presiding.

2. ROLL CALL

Present: Council Members: Edgar, Grose, Kusumoto,
Mayor Pro Tem Hasselbrink, Mayor Murphy

Absent: Council Members: None

Present: Staff: Bret M. Plumlee, City Manager
Cary S. Reisman, City Attorney
Jason Al-Imam, Administrative Services Director
Tony Brandyberry, Public Works Superintendent
Sean Connolly, Police Captain
Dave Hunt, City Engineer
Corey Lakin, Recreation and Community Services Director
Steven A. Mendoza, Development Services Director
Eric R. Nuñez, Chief of Police
Windmera Quintanar, CMC, City Clerk

Mayor Murphy pulled item 5 forward.

5. CLOSED SESSION

City Attorney Reisman read the item aloud.

A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Pending Litigation pursuant to Government Code sec. 54956.9 (d) (3) (Based on existing facts and circumstances, the legislative body of the local agency is meeting only to decide whether a closed session is authorized pursuant to paragraph (d) (2).)

B. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Pending Litigation pursuant to Government Code sec. 54956.9 (d) (2) (A point has been reached where, in the opinion of the legislative body of the local agency on the advice of its legal counsel, based on existing facts and circumstances, there is a significant exposure to litigation against the local agency.) 1 potential case.

RECESS

The City Council recessed into Closed Session at 5:47 p.m.

RECONVENE

The City Council reconvened in Regular Session at 6:05 p.m.

City Attorney Reisman advised Council had deemed Closed Session was appropriate for Item 5A and stated no votes were taken or requested for Item 5B.

3. PLEDGE OF ALLEGIANCE

Council Member Grose led the Pledge of Allegiance.

4. INVOCATION

Council Member Kusumoto gave the Invocation.

6. PRESENTATIONS

A. Presentation of Certificate of Recognition to the 2016 Olympic Gold Medal USA Women's Water Polo Player, Kaleigh Gilchrist

Mayor Murphy and the Council presented a Certificate of Recognition to Kaleigh Gilchrist. Ms. Gilchrist spoke briefly. Mayor Murphy invited Colonel Lalor from the Joint Forces Training Base forward and he spoke briefly.

B. Presentation of Certificates of Recognition to the Los Alamitos Volunteer Program (LAVP) Participants

Mayor Murphy and the Council presented Certificates of Recognition to the LAVP Participants.

C. Presentation of a Proclamation to Orange County Fire Authority's Chief Cruz for Fire Prevention Week

Mayor Murphy and the Council presented a Proclamation to Chief Cruz. Chief Cruz spoke briefly.

RECESS

The City Council took a brief recess at 6:22 p.m.

RECONVENE

The City Council reconvened in Regular session at 6:30 p.m.

7. ORAL COMMUNICATIONS

Mayor Murphy opened Oral Communications.

JM Ivler, resident, submitted a complaint regarding a subdivided parcel and requested Los Alamitos produce the recorded subdivision tract map.

Mayor Murphy closed Oral Communications.

8. WARRANTS

Motion/Second: Edgar/Hasselbrink

Unanimously Carried: The City Council approved the Warrants for September 19, 2016, in the amount of \$57,153.82, ratified the Warrants for August 16, 2016 to September 18,

2016, in the amount of \$1,038,680.47, and authorized the City Manager to approve such expenditures as are legally due and within an unexhausted balance of an appropriation against which the same may be charged for the time period of September 20, 2016 to October 16, 2016.

ROLL CALL

Council Member Edgar	Aye
Council Member Grose	Aye
Council Member Kusumoto	Aye
Mayor Pro Tem Hasselbrink	Aye
Mayor Murphy	Aye

9. CONSENT CALENDAR

All Consent Calendar items may be acted upon by one motion unless a Council Member requests separate action on a specific item.

Motion/Second: Edgar/Murphy

Unanimously Carried: The City Council approved the following Consent Calendar items.

A. Approval of Minutes (City Clerk)
Approved the Minutes of August 15, 2016 Regular Council meeting.

B. Treasurer's Quarterly Investment Report – June 2016
(Administrative Services)
The item for City Council consideration was receipt of the Treasurer's Quarterly Investment Report.

The City Council received and filed the Treasurer's Quarterly Investment Report – June 2016.

C. Fiscal Year 2015-16 Results and Fund Balance Reservations
(Administrative Services)
This report provided the City Council with an update on Fiscal Year 2015-16 revenues and expenditures and recommends adjustments to fund balance reserves based on feedback and direction from the Budget Standing Committee.

The City Council:

1. Received and filed this year-end report for Fiscal Year 2015-16; and,
2. Approved carryover of appropriations to Fiscal Year 2016-17 for various projects as outlined in this report; and,
3. Adopted Resolution No. 2016-31, entitled "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, ESTABLISHING A FUND BALANCE POLICY FOR THE GENERAL FUND AND REPEALING RESOLUTION NO. 2015-23"; and,

4. Adopted Resolution No. 2016-32, entitled "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, ESTABLISHING A FUND BALANCE POLICY FOR THE INTERNAL SERVICE FUNDS AND REPEALING RESOLUTION NO. 2014-23"; and,
5. Approved transfers from the General Fund in the amounts of \$100,000 to the Police Capital Internal Service Fund and \$350,000 to the Self-Insurance Trust Fund; and,
6. Approved transfer of \$71,898 from the Rivers & Mountains Conservancy (RMC) Fund to the General Fund to reimburse it for costs associated with the Coyote Creek project and approve a transfer in the same amount from the General Fund to the Police Capital Internal Service Fund.

- D. Award of Bid for ADA Ramps (CIP No. 15/16-04) (Engineering)**
 This report recommended awarding a bid for the reconstruction of ADA Ramps in Old Dutch Haven, Suburbia, Greenbrook and installation of 4 detectable warning surface mats in the Highland neighborhoods.

The City Council:

1. Awarded construction of the ADA Ramps (CIP No. 15/16-04) to Ruiz Concrete and Paving, Inc. in the amount of \$61,388.00; and,
2. Authorized the Mayor to execute the contract for the project; and,
3. Authorized City Engineer to add work and execute change orders in an amount not to exceed the contingency reserve of 10% or \$6,139.00 for a maximum contract amount of \$67,527.00.

- E. Award of Bid for Old Dutch Haven Neighborhood Streets Project (CIP No. 16/17-02) (Engineering)**
 This report recommended awarding a bid for the reconstruction of the Old Dutch Haven Neighborhood Streets Project.

The City Council:

1. Awarded construction of the Old Dutch Haven Neighborhood Streets Project (CIP No. 16/17-02) to All American Asphalt in Corona, California, in the amount of \$281,342.80; and,
2. Authorized the Mayor to execute the contract for the project; and,
3. Authorized City Engineer to add work and execute change orders in an amount not to exceed the contingency reserve of 10% or \$28,134.28, and \$20,000 for construction management for a maximum contract amount of \$329,477.08.

F. Approval of Plans and Specifications, and Authorization to Bid for Kinmont/Farnham Street Improvement Project (CIP No. 16/17-03)

(Engineering)

This report recommended actions to facilitate the construction of the Kinmont/Farnham Street Improvement Project (CIP No. 16/17-03).

The City Council:

1. Approved the plans and specifications for the construction of the Kinmont/Farnham Street Improvement Project (CIP No. 16/17-03); and,
2. Authorized Staff to advertise and solicit bid proposals.

G. LEFT BLANK INTENTIONALLY

H. Authorization to Purchase 800 MHz Portable and Mobile Radios (Police)

In conjunction with the County of Orange 800 MHz Countywide Coordinated Communications System migration to an 800 MHz - P25 compliant system, Motorola is offering discounted Portable and Mobile radios if purchased by December of this year. To proceed, the Police Department is requesting authorization to purchase seven (7) vehicle mounted mobile radios and thirty-five (35) portable radios to replace the soon to be obsolete radios.

The City Council authorized the purchase of seven (7) vehicle mounted mobile radios and thirty-five (35) portable radios to replace the soon to be obsolete radios in furtherance of the 800 MHz Migration Project.

I. Professional Services Agreement for Professional Real Estate and Economic Consulting Services with Jones Lang LaSalle Americas, Inc. (JLL) (Development Services)

This report requested the modification adding a section to the Professional Services Agreement after it was approved during the City Council meeting of July 18, 2016. Jones Lang LaSalle services were obtained to assist the City in the disposition of City owned properties.

The City Council accepted the additional language for the Professional Services Agreement with Jones Lang LaSalle Americas, Inc. (JLL) for Professional Real Estate and Economic Consulting Services.

10. PUBLIC HEARING

A. Continued Consideration of Ordinance No. 2016-05 – A Zoning Ordinance Amendment (ZOA 16-05) Amending the Uses Allowed within the Planned Light Industrial (P-M) Zone (Development Services)

Continued consideration of changes to uses allowed within the City's Industrial Zone (other zones to follow) as recommended by the Planning Commission during their April 27, 2016 meeting (City initiated).

Development Services Director Mendoza summarized the Staff report and answered questions from the City Council.

Council Member Grose advised he had previously recused himself on this topic when it was specific to one property; however, since this pertained to the whole Commercial Zone he had been advised he could participate.

Mayor Murphy opened the Public Hearing for comments.

Susan Hori, representing JBC Inc., owner of the Arrowhead Property, advised she had submitted a letter stating their position and summarized the letter. She stated categorizing the various uses under light zones is premature and requested the Council defer action to allow the owner to continue its work to address the zoning. She referred to her April 27th letter to Council where she had identified concerns regarding the arbitrariness of the categories. She urged Council to take this item up after the reconsideration of the General Plan Amendment (GPA). She requested if Council takes action tonight that at a minimum it retains uses at the Arrowhead site as a permitted use to maintain current status under existing zoning. She stated the City would have adequate protection through the site plan review and CEQA processes. She understood the City's concern about heavy industrial and truck trips and reiterated there are existing mechanisms under the current Code and permit process to give Council the ability to regulate uses.

JM Ivler, resident, recalled the process to date and referenced the following events: request for an update to the General Plan without it going to the Planning Commission; Special meeting for a Moratorium where the item was sent to the Planning Commission as a Council priority to be addressed immediately; Planning Commission broke down the uses, discussed, and voted on each use over two meetings; trucking bays were removed and other items were left in to go before the Planning Commission for approval. He stated support for the Planning Commission's process and did not see a reason to delay the issue. He stated this item was not about Arrowhead, but was for the Industrial Zone in the entire City. He believed the entire Code and all pieces should be looked at. The Council should start with this item since it was done the way Council had asked.

Mayor Murphy closed the Public Hearing for comments.

City Council and Staff discussed the following topics:

- Appreciation for the Planning Commissions' work
- Concerns regarding consistency of permitted uses
- Support for identifying the most grievous issues and moving forward to eliminate only those uses until an expert study could take place (i.e. wholesale and distribution, vehicle and freight)
- Support for allowing additional time to vet some of the uses and understand why the Planning Commission made its recommendations
- Support for introducing the Ordinance tonight and if needed sending it back to the Planning Commission for revisions before adoption

- The rezoning of the Arrowhead property had been delayed until the November meeting

At the Council's request, Susan Hori advised the owners were doing their due diligence. She stated there was lots of controversy regarding the proposal for the industrial building on the back 10 acres. The Owner realized community outreach was needed. As well as an evaluation of the highest and best uses for that site. She advised there was an industrial building in operation on the majority of the site, not retail. The owners are in the process of retaining planners and an economist to see what would be best there. They were sensitive to the community interest and opposition to Prologis. They wanted to learn other sensitivities and questioned if research and development or smaller manufacturing with technology would be acceptable. She advised this was the process to date and the City had advised the GPA would be reviewed in November and they hoped to provide further comments at that time. She stated it would be more appropriate to look at the General Plan and Zoning thereafter. She stated the City did have existing zoning in place with site plan review and CEQA processes. No matter what happens, any new construction would have to go through site plan review process, CEQA review, and a public process to provide input. At that time, the City would look at the type of use and truck trips. She reiterated mechanisms were in place. They do understand the community's concerns. Council had provided 60 days and she requested that time be used. She referred to the inconsistencies in the use and stated even among the manufacturing uses, some are permitted by right while others require a CUP or are prohibited. She pointed out Warehouse and Distribution would have lots of truck trips and suggested Staff review with the help of professionals.

City Council and Staff discussed the following topics:

- Residents request for Council to protect the quality the quality of life
- Support for eliminating recycling centers in the City
- Review of the process to update a General Plan and Zoning Code
- Possibility of only including the erroneous uses at this time
- Review of the process to expand or build on a property
- Funds for the Zoning Code update were scheduled for Fiscal Year 2017-18
- Council opposition to the following uses: rubber products, large recycling facilities; and, vehicle and freight
- The need to update the Zoning Ordinance
- Concern for how changes would affect existing property owner's uses

Motion: Edgar

Continue the Public Hearing to the City Council meeting of October 17, 2016, direct Staff to bring back a side by side analysis of the current and suggested zoning with the Planning Commission's reasoning for the change to uses, and provide a list of erroneous uses.

Substitute Motion: Murphy/Hasselbrink
Continue the Public Hearing to the City Council meeting of October 17, 2016, direct Staff to identify the erroneous uses to be eliminated immediately by Ordinance, and invest the time and money to have the Zoning Code properly revised.

Council Member Edgar withdrew his motion.

Substitute Motion: Murphy/Hasselbrink
Carried 4/1 (Kusumoto voted No): The City Council:

1. Continued the Public Hearing to the City Council meeting of October 17, 2016; and,
2. Directed Staff to identify the erroneous uses to be eliminated immediately by Ordinance; and,
3. Directed Staff to invest the time and money to have the Zoning Code properly revised.

RECESS

The City Council took a brief recess at 7:53 p.m.

RECONVENE

The City Council reconvened in Regular session at 8:04 p.m.

11. DISCUSSION ITEMS

A. Provide Direction to the Voting Delegate Regarding the 2016 Annual Conference Resolution Packet (City Manager)

The League of California Cities Annual Conference will be held in Long Beach from October 5-7, 2016. At the meeting of June 20, 2016 the City Council designated Council Member Grose as its Voting Delegate to the Annual Business Meeting and Mayor Pro Tem Hasselbrink and Council Member Kusumoto as the Voting Alternates. This is an opportunity for the City Council to provide direction as to its position on the proposed resolutions.

Council Member Grose provided an overview of the proposed resolution.

The City Council agreed to support the goal of the Resolution, but to make it clear the City did not support any fiscal mandates.

B. November 8, 2016 General Municipal Election – Proposition 64 Resolution of Opposition and City Attorney Analysis (Development Services)

The City Council has requested an opportunity to discuss the upcoming ballot initiative related to the Adult Use of Marijuana.

City Manager Plumlee summarized the Staff report and answered questions from the Council. Council Member Grose gave a brief overview of why he requested this item.

City Attorney Reisman advised Council that certain aspects of Prop 64 would go into effect immediately and referred to the memo dated September 16, requesting Council direct Staff to prepare an Urgency Moratorium for adoption.

Mayor Murphy opened the item for public comment. There was no one present wishing to speak. Mayor Murphy closed the item for public comment.

Police Chief Nuñez gave an overview of Prop 64 and stated opposition.

Motion/Second: Grose/Hasselbrink

Unanimously Carried: The City Council adopted a Resolution 2016-33, entitled, "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, OPPOSING THE ADULT USE OF MARIJUANA INITIATIVE – COMMERCIAL SALES OF NON-MEDICAL MARIJUANA BALLOT MEASURE."

Motion/Second: Grose/Hasselbrink

Unanimously Carried: The City Council directed the City Attorney to draft an Urgency Ordinance for the next Council meeting.

12. MAYOR AND COUNCIL INITIATED BUSINESS

A. **November 8, 2016 General Municipal Election – Cypress Ballot Initiative (Los Alamitos Race Track Property) (Development Services)**

The City Council has requested an opportunity to discuss options available in light of the proposed 170 acre development in the City of Cypress. This discussion was continued from the July 18, 2016 and August 15, 2016 Council meetings.

Development Services Director Mendoza summarized the Staff report and answered questions from the City Council.

Mayor Murphy opened the item for public comment.

Sue Douglas, Cypress resident, stated opposition to the project due to increased housing and traffic.

Mayor Murphy closed the item for public comment.

City Council and Staff discussed the following topics:

- Support for educating Cypress residents of the project
- Long term effects of the project lasting 15-20 years
- Potential impacts to the School District
- Quality of life
- Potential for a letter of opposition to the project
- Lack of park space in the regional area
- Correlation with the 33 acre proposed senior housing project
- Potential to negatively affect the relationship with the City of Cypress
- Overview of the five actions available to Council prior to the election

- Support for seeking cooperation with the City of Cypress to split the benefits and impacts
- Concerns regarding increased density and traffic
- Opposition to overdevelopment of a piece of land that will affect the quality of life in Los Alamitos

Motion/Second: Edgar/Hasselbrink

Motion: Draft a Resolution of opposition and circulate an educational piece regarding the project in the newspaper.

City Council and Staff discussed the following topics:

- Letter of opposition to the project in line with the Legislative Platform
- Opposition to the development
- Unintended consequences of formally opposing the development (i.e. changes in voter viewpoints)
- Importance of ensuring future Councils understand why the City opposed this project
- Opposition to the initiative presented to the voters by the property owner
- Unanimous opposition to the development

Mayor Murphy requested Staff prepare a draft Resolution of Opposition.

RECESS

The City Council took a brief recess at 9:27 p.m.

RECONVENE

The City Council reconvened at 9:46 p.m.

TIME LIMITS

Per Resolution 2013-09 "Council Meeting Time Limits", City Council considered extending the time limits.

Motion/Second: Grose/Edgar

Unanimously Carried: The City Council voted to extend the time limits to 10:30 p.m.

Amended Motion/Second: Edgar/Hasselbrink

Motion Failed 2/3 (Grose, Kusumoto, and Murphy voted No): Adopt the Resolution of opposition and circulate an educational piece regarding the project in the newspaper.

City Council and Staff discussed the following topics:

- Concern that a Resolution of Opposition would impede any future cooperation
- Unanimous opposition to the development has been stated
- Provided direction to Staff to post the informational handout regarding the project on the website, social media sites, and send to the media

B. Council Announcements

Council Member Kusumoto spoke regarding attendance at the following events: Orange County Mosquito and Vector Control District Board Meeting; police ride along; Eagle Scout Court of Honor for Liam D'Ambrosio; and, 9-11 Remembrance Ceremony at the local fire station.

Council Member Edgar spoke regarding the following topics: nomination of Kenny Brandyberry as the Los Alamitos Citizen of the Year for Americana Awards; attendance at the 9-11 Remembrance Ceremony at the local fire station; and, meeting with the Rivers and Mountains Conservancy Director regarding Prop 1 bond money.

Council Member Grose spoke regarding the following topics: Human Trafficking Program hosted by the Orange County Sherriff; Change of Command Ceremony at the Naval Weapons Station; League of California Cities webinar on the status of legislative bills; volunteers needed for the Orange County Grand Jury; retirement at the 79th Sustainment; 9-11 Remembrance Ceremony at the local fire station; Memorial Service lunch at the American legion hall; BBQ for vets at the Veterans Affairs hospital; meeting with representative from the Army Corp of Engineers regarding relocation to the Base; congratulated Kenny Brandyberry on being Citizen of the year; upcoming Taste of Los Al; and, request the meeting be adjourned in honor of Edward Chaides.

Mayor Pro Tem Hasselbrink spoke regarding the following topics: Orange County Fire Authority contract with its Union; worked a DUI check point with West County CERT; desire to expand the CERT program; upcoming Tri-City Women's Conference; 9-11 Remembrance Ceremony at the local fire station; and, the Casa Youth Shelter's Poker Night.

Mayor Murphy spoke regarding the following topics: Eagle Scout Court of Honor for Liam D'Ambrosio; met with Staff regarding Farquhar traffic; High School home game; State of the School District; congratulated Kenny Brandyberry on being Citizen of the year; 9-11 Remembrance Ceremony at the local fire station; and, encouraged residents to register to vote.

13. ITEMS FROM THE CITY MANAGER

City Manager Plumlee advised of the upcoming Trunk or Treat event on October 22 at Little Cottonwood Park.

14. ADJOURNMENT

The City Council adjourned at 10:22 p.m. in honor of Edward Chaides.

Richard D. Murphy, Mayor

Attest:

Windmera Quintanar, CMC, City Clerk

City of Los Alamitos

Agenda Report Consent Calendar

October 17, 2016
Item No: 8B

To: Mayor Richard D. Murphy & Members of the City Council
From: Bret M. Plumlee, City Manager
Subject: The League of California Cities' 2017 Annual City Managers Department Meeting

Summary: This report seeks authorization for City Manager, Bret Plumlee to attend the 2017 League of California Cities Annual City Managers Department Meeting.

Recommendation: Authorize the City Manager to attend the conference and all associated travel expenses in an amount not to exceed \$1,500.

Background

The League of California Cities (League) 2017 Annual City Managers Department Meeting is scheduled for Wednesday, February 8, 2017 through Friday, February 10, 2017, in Monterey, California. This meeting allows City Managers, assistant managers, and county chief administrative officers the opportunity to network and keep current on the wide range of issues. This is the largest gathering of managers that the League facilitates. City Managers have the opportunity to discuss issues and topics that will update their roles and responsibilities and enhance their success as a City Manager.

Discussion

Travel Expenses:

Air:

United Airlines: Los Angeles to Monterey \$190.20

Conference Registration:

Conference Registration is now open. Full Conference Registration is \$650.

Hotel:

Hyatt Regency, 1 Old Golf Course Road, Monterey

\$205 per night = \$410 (2 nights)

\$93.56 taxes and fees

\$503.56 total (Subject to change without notice)

Other:

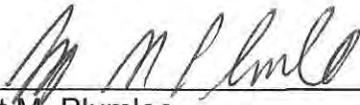
Other travel costs would be provided if requested and proper documentation is submitted.

Fiscal Impact

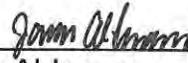
Conference Registration fee is \$650. Travel expenses for air, hotel accommodations, and other travel costs (i.e. meals, taxi etc) will not exceed \$850. Sufficient funds have been budgeted for Fiscal Year 2016/2017.

Submitted By:

Fiscal Impact Reviewed By:



Bret M. Plumlee
City Manager



Jason Al-Imam
Administrative Services Director

Attachment: League of California Cities Annual City Manager's Department Conference Program



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Sacramento, CA 95814

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Bret Plumlee
Los Alamitos
City Manager
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Los Alamitos, CA 90720-5600

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Join us for the 2017 City Managers Department Meeting

For speaker information, go to www.cacities.org/citymanagersed

2017



City Managers DEPARTMENT MEETING



REGISTER EARLY! Space limited to the first 450 registrants

February 8 – 10, 2017
Hyatt Regency, Monterey

Registration and Housing Deadline:
Tuesday, January 10

www.cacities.org/events

facebook.com/leagueofcaliforniacities
 @CACitiesLearn

Wednesday, February 8

REGISTRATION OPEN

» 10:00 am – 6:00 pm

OPTIONAL MOBILE TOUR:

Sand City Coastal Desalination Plant (\$25.00)

» 10:00 – 11:00 am

Prior to Sand City building its full-scale seawater desalination facility, regional efforts to deal with the Peninsula's limited water resources had produced insufficient results. The goal of the desalination facility was to provide the City with a long-term water supply to move forward the City's General Plan goals and aspirations. In 2009, Sand City's Coastal Desalination Plant was the first full-scale seawater desalination facility in California, capable of producing 300 acre-ft. of water (98 million gallons) a year, using a reverse osmosis process to desalinate brackish seawater. The process has zero impact on the environment. (Limit 50 people)

OPENING GENERAL SESSION

» 1:30 – 3:15 pm

League Update

Receive an update on League priorities and issues as well as Department news.



Broadcasting Happiness: Creating Success through Positive Engagement

Effective, positive communication is the single biggest driver of success. New research in the fields of neuroscience and positive psychology is showing the incredible ripple effect positive communication can have on employee engagement, productivity, and happiness at work. After spending years as a national CBS News anchor broadcasting to millions and receiving an advanced degree from the University of Pennsylvania in Positive Psychology, Michelle developed simple, yet proven techniques for positive communication that drive individual and team success for quantifiable results. She trains professionals on ways to inoculate their brain against stress and negativity, praise effectively, and shift the culture to create a talent-enhancing environment.

SPEAKER: Michelle Gielan, Founder, Institute for Applied Positive Research

CONCURRENT SESSIONS

» 3:30 – 5:00 pm

Building Trust in Local Government

Global communications firm Edelman Public Relations has conducted the worldwide Trust Barometer Study for more than 15 years. 2016 data reveals the largest ever gap between informed publics and general populations. Government remains the least trusted institution for the fifth year running and respondents increasingly rely on "a person like me" for information. What lessons can we learn as municipal managers from the results of the annual study and how do we continue to strengthen the trust barometers in our communities?

City Manager/City Attorney Relations — Risk Taker vs Wet Blanket

It is well known, discussed, and documented that the City Manager and City Attorney relationship is an essential component of creating and leading a functional and successful organization. When the parties see and execute their roles from different sides — the risk taker who needs to get things done and the wet blanket finds reasons why you can't. Learn techniques for opening lines of communication and finding common ground with a focus on getting things done with acceptable risk.

Networking Reception & Wine Tasting

» 5:30 – 6:30 pm

After a full day, relax, enjoy local wines, and network with your colleagues. Meet and connect with conference sponsors before heading out for an evening on your own.

Thursday, February 9

REGISTRATION OPEN

» 8:00 am – 2:30 pm

GENERAL SESSION

» 9:00 – 10:30 am

Saving the City; Remaking the American Metropolis

Saving the City is a lively and provocative television series celebrating the energy and excitement of our cities. Telling stories through the eyes of the citizens, Saving the City highlights successful and unsuccessful examples of urban development throughout the United States and Canada. It is also a public education endeavor designed to raise awareness about why cities are important, why we should care about their vitality and how to remake our city centers and surrounding neighborhoods into better places. A timely topic, given the ongoing debate about continued sprawl, energy consumption and environmental sustainability along with the recent comeback of many major cities.

SPEAKER: Ron Blatman, Executive Producer, *Saving the City: a Story of San Francisco Bay and Saving the City: Remaking the American Metropolis*



CONCURRENT SESSIONS

» 11:00 am – 12:15 pm

How to Work with an "Outlier" Council Member

Even managers who have a good working relationship with their city councils are often challenged by an "outlier" council member. This concern was one of the most frequently mentioned challenges identified in Cal-CMAs' "Survival Skills" Study. This can involve a council member who is out of step philosophically with their fellow members, is in personal conflict with the other council members, and/or is in conflict with the manager. Various forms of "outlier" behavior and strategies to respond to these challenging situations will be reviewed.

Thursday, February 9, Continued**CONCURRENT SESSIONS**

» 11:00 am – 12:15 pm

Success and Challenges of Regulating Cannabis**Businesses in Your City**

Challenges cities are encountering in dealing with public safety, policy makers, citizens and the cannabis industry will be shared. The unattended consequences of deciding to allow these businesses in your agency and what happens if you choose to ban them will be discussed. Hear the lessons learned from speakers who have taken different approaches in the implementation process and how it has reshaped land use, public safety and economic development strategies.

Community-Driven Planning to Build Inclusive Communities

Cities in California are part of a national and global movement using community-driven planning processes to build strong, inclusive communities and increase opportunities for shared prosperity. Implementing these initiatives requires strategic multi-sector collaborations to leverage assets and resources. Speakers will share specific tools and best practices to improve language access, enhance civic leadership and engagement, and provide culturally competent tools to navigate city services and community resources.

GENERAL LUNCHEON

» 12:30 – 2:00 pm

Join your colleagues and celebrate your retirees, award winners and department sponsors.

CONCURRENT SESSIONS

» 2:00 – 3:15 pm

City Manager Evaluations: The Good, The Bad and The Ugly

Hear a lively discussion between panelists who have participated in various types of evaluations, with and without facilitators. What to look out for, what to expect and how to be prepared are keys to receiving a valuable evaluation (the Good). What happens when the evaluation does not go well (the Bad) and how to deal with the aftermath (perhaps the Ugly). Learn to appreciate how a facilitated evaluation can improve your working relationship with the City Council, reduce the stress associated with this important event, and give you the truly useful feedback you need to excel as a city manager.

Why Pursue a Life-Changing Learning Experience?

Managers who have engaged in a senior executive program offered at Stanford, Berkeley, Harvard Kennedy School, and ICMA's Senior Executive Institute, will share how their experiences transformed their practice. Learn how and why they found the energy and space to break away from their demanding schedules for reflection and interaction with other local, state, federal and international leaders. Acquire leadership strategy takeaways that made them better leaders. Panelists will share a mini case experience where they did something different as a result of this program.

CityTalk Sessions**Creating a High Performing Orientation**

in Your Organization | 2:00 – 2:20 pm

Learn about the challenges and successes in implementing the City of San Mateo High Performing Orientation initiative. Hear some humorous examples of false starts and struggles to get the initiative off the ground. Be surprised by what the initiative is but equally what it is not and how involvement at all levels within the organization is increasing.

5 Workplace Issues that Matter Most to**Emerging Leaders** | 2:30 – 2:50 pm

This clear and compelling TED-style talk will introduce attendees to five issues identified by emerging leaders as key to effectiveness in their roles. With millennials eclipsing the number of baby boomers for the first time, senior managers must learn to understand the needs of future leaders. Hear what insights were gained from surveys of MMANC/MMASC members (2013-16) as well as leading field research. Leave with a greater understanding of the need to support development opportunities and the importance of removing barriers to the growth of the next generation of managers.

Meeting the Workforce Development Challenges of**Tomorrow, Today** | 3:00 – 3:20 pm

The war for talent is having an impact on how cities are meeting their communities' needs and challenges. This discussion will focus on how cities are dealing with this pressing issue. Learn how organizations are rethinking their HR policies, organizational culture, and overall talent recruitment, retention and development.

CONCURRENT SESSIONS

» 3:45 – 5:00 pm

Governments Engaging Youth: Preparing our Future Generation

The success of our nation and state depends on informed and active citizens. Engaging youth in government prepares them with civic knowledge, skills and values needed to succeed in college, career and civic life. Youth civic engagement programs, like Summer at City Hall and Governments Engaging Youth (endorsed by the City Managers Department and Cal-CMA) offer youth real-life civic learning, teach 21st century skills and expose them to public sector careers. This session highlights Summer at City Hall and demonstrates key practices for successfully implementing similar programs. Discover more about replicating this work and actively engaging your community's youth.

You Can't Handle the Truth! De-mystifying ICMA's**Investigation Procedure**

ICMA's Committee on Professional Conduct (CPC) is somewhat of a mystery to most in the profession. Who are they and what do they actually do? This "tell-all" session will go behind the scenes and discuss what happens when ICMA investigates a Code of Ethics violation, particularly ICMA staff's role vs. the CPC's. Also, hear unusual examples of "grey area" ethical violations the CPC has reviewed, tips on how to avoid them, and what your responsibility is when you hear about them.

For speaker information, go to www.caetics.org/citymanagersed

Friday, February 10

Networking Breakfast

» 7:30 – 8:15 am

CONCURRENT SESSIONS

» 8:15 – 9:30 am

Guiding City Council Members in Making Ethical Decisions

Elected officials “answer to the people” but are not employees. Hear what City Managers can do to help guide council members’ decisions, conduct and behavior so it doesn’t lead to lawsuits against the City. The discussion will include the challenges that can arise if a lawsuit happens where the council member is a defendant.

Next Generation Economic Development:

The Power of Partnerships

Welcome to the next generation of Economic Development. Today, successful ED is achieved by creating partnerships which emphasize sustainability, infrastructure, GHG reduction, resource management, and a sense of place. With a dozen new statutes geared toward regional collaboration, Tax Increment Financing, and attracting private investment and jobs, it’s time to figure out how to make it work in your community. This session highlights the power of partnerships, covers use of new funding sources and tools including Enhanced Infrastructure Financing Districts (EIFDs) and Community Revitalization & Investment Authorities (CRIAs), and showcases successful/collaborative post-RDA case studies to stimulate communities and attract private investment.

Protecting Against Financial Risk

Find out about tools and techniques to shield your city from financial malfeasance. Learn about controls, third party audits, procedures, practices and structural arrangements that deliver the oversight and set the tone for a winning financial controls strategy.

CLOSING GENERAL SESSION (Sponsored by Cal-ICMA)

» 9:45 – 11:30 am

Releasing Leadership Brilliance

State. Stuck. Spiritless. This is what a leader becomes when mojo is lost. To ignite a fresh mindset, leaders must stop simply communicating and start connecting. Connection begins when leaders make a commitment to bring out the best in themselves and everyone around them. This challenges your team to raise their engagement and productivity. Learn how to revitalize your role within your team. Improve your ability to connect instead of just communicating. Create a high-performing team that exceeds expectations.

SPEAKER: Simon T. Bailey, Best-selling author, Hall of Fame Speaker and CEO of Simon T. Bailey International a company specializing in creating learning and development for individuals and organizations.



California Consortium
A State Affiliate of ICMA

Adjourn

» 11:30 am

6 **Sessions are subject to change**

General Information

All attendees must register for the conference online prior to reserving a hotel room. Registration is not complete until full payment is received. The League is unable to accept purchase orders. Once registration is complete, you will be directed to the housing reservations page.

For online registration, go to www.cacities.org/events and select “City Managers Department Meeting”. **Registration must be received by Tuesday, January 10. After this date, please register onsite; if available.**

FULL REGISTRATION includes Wednesday evening reception, Thursday lunch & Friday breakfast. (Registration fees subsidize the following: \$50 for Cal-ICMA and \$50 for CGM)

City/County Managers.....	\$650
MMANC/MMASC Members (active Asst. City Managers ONLY)	\$500
All Others - company, consultant, League Partners.....	\$775
Non-Member City.....	\$1,650
Spouse (badge required for all meals).....	\$175
Tour: Sand City Coastal Desalination Plant (max. 50 people).....	\$25

ONE DAY REGISTRATION

City/County Managers.....	\$325
MMANC/MMASC Members (active Asst. City Mgrs ONLY).....	\$250
All Others.....	\$400
Non-Member City.....	\$1,325

NOTE: The spouse fee is restricted to persons who are not city or public officials, are not related to any Partner or sponsor and would have no professional reason to attend the conference. It includes admission to meals/reception only. Conference session seats are reserved for full conference registrants. There is no refund for the cancellation of a spouse registration.

CANCELLATIONS

Refunds of rate paid, minus \$75 processing charge, will be made for cancellations submitted in writing to rdum@cacities.org and received by **Tuesday, January 10**. There are no refunds for cancellations after this date. Substitutions can be made onsite.

If you require special accommodations related to facility access, transportation, communication and/or diet, please contact our Conference Registrar at rdum@cacities.org by Tuesday, January 10.

HOTEL INFORMATION & RESERVATIONS

Hotel reservation changes, date modifications, early check-out, or cancellations made prior to Tuesday, January 10 must be done through the online reservation link you received after registering for the conference. Use your confirmation/acknowledgment number to access your reservation to make changes. Once the January 10 deadline has passed, please contact the hotel directly with any changes or cancellations. Please note that hotel cancellations after the housing deadline has passed may incur a financial penalty or a minimum one-night room charge or attrition fees.

HVatt Regency Monterey

1 Old Golf Course Road, Monterey, CA 93940
Event Rate (per night): \$205 (plus tax and fees)
Complimentary Self and Valet Parking

*Please DO NOT book outside of the League hotel block. This will cause an increase in event costs, liabilities and higher registration rates.

PLEASE NOTE: The information you provide to the League when registering for a League conference or meeting may be shared with the conference or meeting hotel(s). The hotel(s) will also share with the League the information you provide to the hotel(s) when you make your hotel reservation for the conference or meeting. The information shared between the League and the hotel(s) will be limited to your first name, last name and dates/length of stay in the hotel.

City of Los Alamitos

Agenda Report Consent Calendar

October 17, 2016
Item No: 8C

To: Mayor Richard D. Murphy & Members of the City Council

Via: Bret M. Plumlee, City Manager

From: David L. Hunt, City Engineer
Steven A. Mendoza, Development Services Director

Subject: Reject all Bids for Kinmount Street and Farnham Avenue (CIP No. 16/17-03)

Summary: This report recommends the rejection of all bids for the reconstruction of the intersection of Kinmount Street and Farnham Avenue Street Improvements (CIP No. 16/17-03)

Recommendations:

1. Reject all bids for the construction of the intersection of Kinmount Street and Farnham Avenue Street Improvements (CIP No. 16/17-03); and,
2. Authorize City Engineer to combine this project with a larger street project to obtain better prices to stay within budget.

Background

The City of Los Alamitos will be constructing street improvements at the intersection of Kinmount Street and Farnham Avenue. The street has sunken in this intersection requiring new curb and gutter and improvements to several driveways and sections of the street.

Discussion

Project Bid Results

Notices announcing the solicitation of bids for this project were posted in the normal locations within the City, advertised in the News-Enterprise, and advertised in the F.W. Dodge publication known as the "Green Sheet". The bids for the construction of the intersection of Kinmount Street and Farnham Avenue Street Improvements (CIP No.

16/17-03) were publicly opened on October 11, 2016. From the three bids received, the bid results are shown below.

Fiscal Impact

The low bid price of \$ 55,072.80 exceeds the 2016/17 approved budget with a budgeted amount of \$30,000 using Gas Tax Funds. Staff requests the City Council reject all bids for the intersection of Kinmount Street and Farnham Avenue Street Improvements Project (CIP No. 16/17-03) and authorize the City Engineer to combine this project with a larger street project to obtain better prices to stay within the budget.

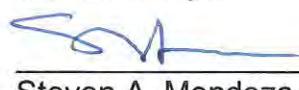
Contractor	Bid
EBS General Engineering	\$55,072.80
Hardy & Harper	\$65,000.00
Gentry General Engineering	\$65,950.00
Average	\$62,007.60

Submitted By:



David L. Hunt
City Engineer

Reviewed By:



Steven A. Mendoza
Development Services Director

Fiscal Impact Reviewed By:



Jason Al-Imam
Administrative Services Director

Approved By:



Bret M. Plumlee
City Manager

City of Los Alamitos

Agenda Report Consent Calendar

October 17, 2016
Item No: 8D

To: Mayor Richard D. Murphy & Members of the City Council

Via: Bret M. Plumlee, City Manager

From: Steven A. Mendoza, Development Services Director
Tony Brandyberry, Public Works Superintendent

Subject: Approval of Plans and Specifications, and Authorization to Bid for the Purchase of New Playground Equipment for Orville Lewis Park Playground Equipment Replacement Project (CIP No. 16/17-04)

Summary: This report recommends actions to facilitate the purchase of new playground equipment only for the Orville Lewis Park Playground Equipment Replacement Project (CIP No. 16/17-04).

Recommendations:

1. Approve the plans and specifications for the purchase of new playground equipment for the Orville Lewis Park Playground Equipment Replacement Project (CIP No. 16/17-04); and,
2. Authorize Staff to advertise and solicit bids.

Background

The City of Los Alamitos proposes to replace the Orville Lewis Park playground equipment. Once replaced, the City also intends to install rubberized pour in place playground surfacing through the CalRecycle Tire Derived Products Grant, which will be in a separate bid document in the following months.

The City of Los Alamitos owns Orville Lewis Park located in the south end of the Highlands Community at 3662 Kempton Drive. Orville Lewis Park has various amenities including a basketball court, softball field, picnic shade structure, barbeque, and a playground. The existing playground equipment was installed in May of 1993, with replacement parts becoming very difficult to locate and costly as the play equipment matures in age.

Discussion

Staff is recommending a themed playground with an airplane style play structure. This theme correlates well with the adjacent airfield at the Joint Forces Training Base (JFTB). From the play equipment, a child will be able to watch a real airplane as it takes off and lands. The Los Alamitos Parks, Recreation & Cultural Arts Commission reviewed and approved the concept at its October 5, 2016 Special Meeting. The following is an approximate timeline for the purchase of the Orville Lewis Park Playground Equipment Replacement Project (CIP No. 16/17-04):

- 10/17/16 Approval of plans & specifications by the City Council
- 10/18/16 Advertise project
- 11/08/16 Bid opening
- 11/21/16 Award of Contract
- 11/22/16 Order equipment for shipment
- 01/05/17 Equipment arrival

Staff will present the results of the bids during the November City Council meeting.

Fiscal Impact

The purchase estimate for the project is approximately \$65,000. The 2016/2017 adopted CIP budgeted \$100,000 for the project which includes design, construction management, and construction. Funding sources are from Park funds of \$100,000.

Prepared By:



Tony Brandyberry
Public Works Superintendent

Reviewed By:



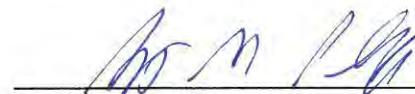
Steven A. Mendoza
Development Services Director

Fiscal Impact Reviewed By:



Jason Al-Imam
Administrative Services Director

Approved By:



Bret M. Plumlee
City Manager

Attachment: 1. Plans and Specifications

**CITY OF LOS ALAMITOS
Public Works Department**



NOTICE TO BIDDERS

Sealed proposals will be received at the office of the City Clerk of the City of Los Alamitos, 3191 Katella Avenue, Los Alamitos, California 90720 until 9:00 AM on November 8, 2016, at which time they will be publicly opened and read at the above stated time at the City Hall Council Chambers, as follows:

**Orville Lewis Park Playground New Equipment Purchase
(CIP No. 16/17-04)**

Bids must be submitted on the City's Bid Forms (obtained at City Hall) and submitted in sealed envelopes marked on the outside, **"SEALED BID FOR THE ORVILLE LEWIS PARK PLAYGROUND NEW EQUIPMENT PURCHASE (CIP No. 16/17-04). DO NOT OPEN WITH REGULAR MAIL."**

The bid consists of: Purchase of New Park Playground Equipment and delivering to City Hall, 3191 Katella Los Alamitos, CA 9072

Withdrawal of bids shall not be permitted for a period of sixty (60) days after the date set for the opening thereof.

The City reserves the right to reject any and all bids.

CITY OF LOS ALAMITOS
CALIFORNIA

BY: _____


Tony Brandyberry
Public Works Superintendent
3191 Katella Avenue
Los Alamitos, CA 90720

BIDDING SHEET

In the blanks provided, fill in the prices at which you propose for the purchase and delivery of the equipment, all grant opportunities for said equipment, shipping, and all applicable sales and use taxes imposed pursuant to the laws of the State of California.

Bidders are advised that they must include a proportional amount of overhead, profit, etc., within the bid prices.

Bidder agrees to perform all the work described in the Contract Documents for the following unit prices or lump sums:

BID PROPOSAL

TODAY'S DATE: _____, 2016

SUBMIT BID TO: City of Los Alamitos City

ADDRESS: 3191 Katella Ave.

CITY/ZIP: Los Alamitos, CA 90720

ATTN: Public Works Superintendent

PHONE #: (562) 431-3538, Ext. 105

JOB SITE NAME: Orville Lewis Park Playground New Equipment Purchase
(CIP No. 16/17-04)

ADDRESS: 3191 Katella Avenue

CITY: Los Alamitos, CA 90720

NOTE: Please use this form to submit your bid and any exclusions (if any) other notes. You are welcome to attach any company literature or other information.

BID DUE DATE: November 8, 2016 at 9:00 AM or before, BIDS CANNOT BE FAXED.

In complete compliance and accord with the attached specifications, we hereby submit our pricing as follows to complete said bid. Our pricing includes all labor, supervision, materials, taxes, freight, equipment, rentals, subcontractor charges, licenses, permits, dump fees, support, insurance premiums, and any other related charges required to complete the bid. All state and local codes and regulations are to be complied with in their entirety.

We do hereby acknowledge we have reviewed the specifications, and accept all conditions of same, including this Bid Form and propose to complete this bid under these conditions for the Lump Sum price and/or unit price of:

**Orville Lewis Park Playground New Equipment Purchase (CIP No. 16/17-04)
Due Date: November 8, 2016 @ 9:00 AM**

BASE BID

NO.	WORK DESCRIPTION	UNITS	UNIT PRICE	GRANT	EXTENSION
1	Orville Lewis Park Playground New Equipment Purchase (CIP No. 16/17-04) As described in bid specifications. OR Equivalent	LS	\$		\$
2	SHIPPING to City Hall 3191 Katella Ave Los Alamitos, CA 90720	LS	\$		\$

The new playground equipment will have to fit inside the existing curbed in area and meet all State and Federal requirements for playground setbacks and safety. The existing playground area is approximately 56 feet by 68 feet, See attachment one for photo and sketch. Bidder will be responsible to measure the exact dimension of the site.

TOTAL BASE BID PRICE	\$	
WRITTEN PRICE		
		DOLLARS

NOTE: The City of Los Alamitos reserves the right to award the contract based upon the available funds. The bids will be compared on the basis of lowest overall cost.

BID SPECIFICATIONS

The City of Los Alamitos has selected the following company's products that meet the City's specifications for the Orville Lewis Park Playground New Equipment Purchase (CIP No. 16/17-04)

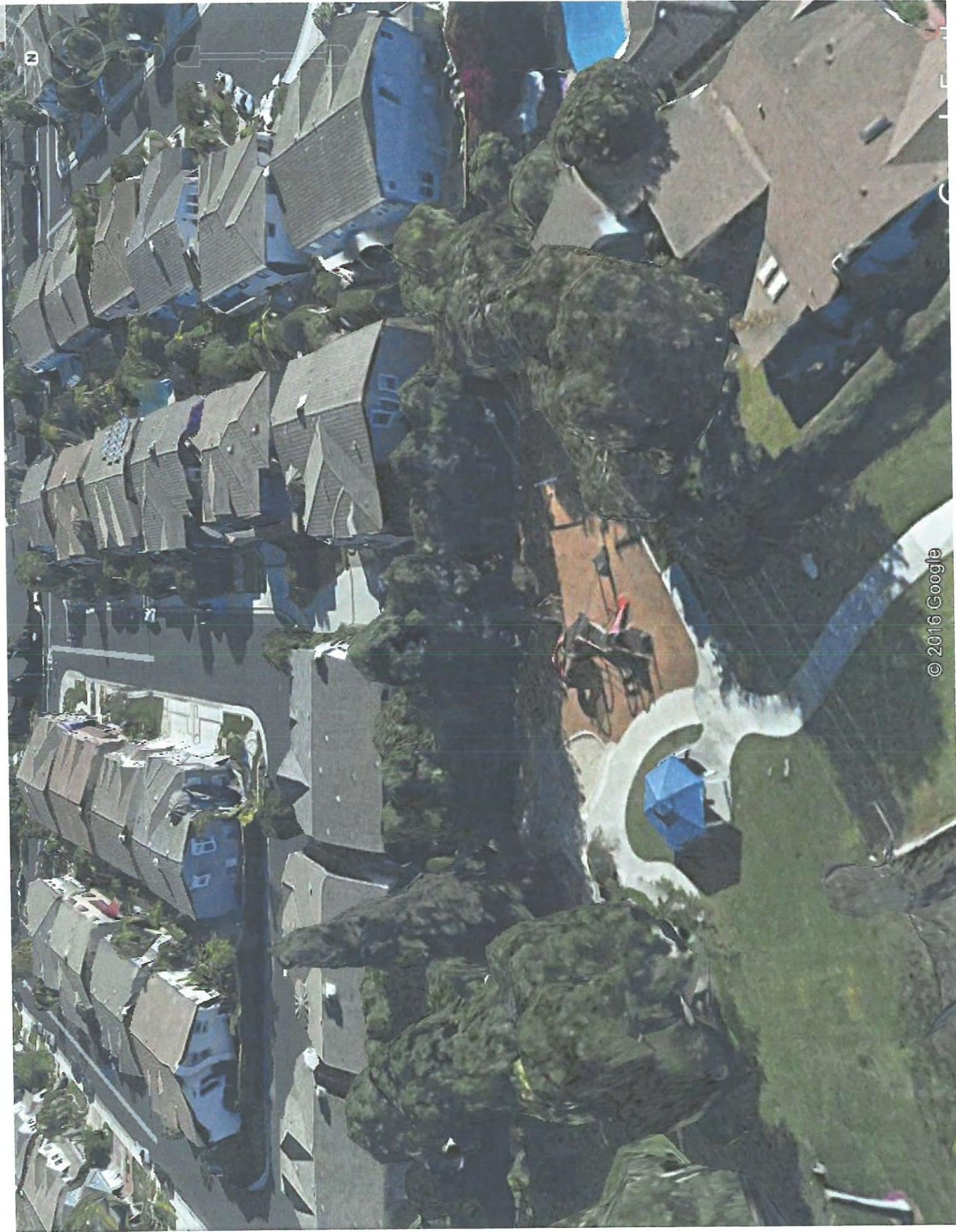
- BCI Burke – Series: Basics, Intensity, Little Buddies, Nucleus
- OR Equivalent

**CITY OF LOS ALAMITOS
Public Works Department**



**BID SPECIFICATIONS FOR:
ORVILLE LEWIS PARK PLAYGROUND NEW EQUIPMENT PURCHASE
(CIP No. 16/17-04)**





BURKE.COM | 800.266.1250

Burke
PLAY THAT MATTERS



Active
FUNDS
CO. LLC

LOS ALAMITOS - ORVILLE LEWIS PARK



October 04, 2016



SPECIFICATIONS FOR BCI BURKE PLAY STRUCTURES

SECTION 11 68 00

Play Field Equipment and Structures

These specifications were current at the time of publication but are subject to change at any time without notice. Please confirm the accuracy of these specifications with the manufacturer and/or distributor prior to installation.

PART 1 GENERAL

1.01 Section Includes

1.02 Related Sections

1.03 Quality Assurance

A.

B.

C. Product Options - Drawing indicates size, components and dimensional requirements of playground structure and is based on the specific system indicated.

1.04 Submittals

A. Product Data: Include physical characteristics such as materials, dimensions and finish.

B. Shop Drawings: Show assembly and installation details.

- C. Samples for Verification: Color selections for [upright posts], [steel accessories], [freestanding panels & signs], [swings], [Kid Koasters™], [plastic components], [other].
- D. Warranty: Include manufacturer's standard warranty.

1.05 References

- A. ASTM F1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public use CAN/CSA-Z614 Children's Playspaces and Equipment.
- B. ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.
- C. U.S. Consumer Products Safety Commission Handbook for Public Playground Safety.
- D. Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Play Areas, amended November 20, 2000.

1.06 Delivery, Storage and Handling

- A. Inspect all components on delivery to ensure that no damage occurred during shipping or handling. Materials shall be stored in original undamaged packaging in such a manner to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism, and theft until ready for installation. Inspect components prior to installation.

PART 2 MATERIALS

2.01 General product material specifications

A. Clamps

1. KoreKonnnect™ clamp castings [Nucleus, Voltage] shall be cast aluminum heat-treated alloy A356-T6 with a tensile strength of at least 34,000 psi, yield strength of at least 24,000 psi, shear of 20,700 psi, and elongation of 3.50% minimum. Each casting shall clamp to the post with two connection bolts. Clamp casting shall encapsulate the component attached to support surge loads, preventing surge loads being supported by only the hardware. Clamp shall be finished with a baked on powder coating.
2. Clamp Castings [Little Buddies] shall be cast aluminum heat-treated alloy A356-T6 with a tensile strength of at least 34,000 psi, yield strength of at least 24,000 psi, shear of 20,700 psi, and elongation of 3.50% minimum. Each casting shall clamp to the post with one connection bolt. Clamp shall be finished with a baked on powder coating.

B. Platforms

1. Platforms [Nucleus, Voltage, Little Buddies] One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with EZKonnnect (patent pending) self-leveling fastening system, with two

attachment points per corner, one of those being an open ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts.

2. Recycled Platforms [Nucleus] One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with EZKconnect (patent pending) self-leveling fastening system, with two attachment points per corner, one of those being an open ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts. Boards are a one piece solid, non-hollow foamed recycled HDPE (ReHDPE)
3. 90 Degree Platform [Nucleus, Voltage] One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with EZKconnect (patent pending) self-leveling fastening system, with two attachment points per corner, one of those being an open ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts. Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

C. Fasteners

1. Button head cap screws and socket head cap screws shall be 302HQ corrosion resistant, passivated, stainless steel, tamper resistant, and pre-treated with a locking/sealing adhesive.
 2. Other stainless steel hardware shall be 302HQ corrosion resistant stainless steel.
 3. Non stainless steel hardware shall be zinc plated grade 5 steel.
 4. Threaded Post Nut Inserts [Nucleus, Voltage, Little Buddies] shall be a corrosion resistant threaded insert crimped into post. Inserts shall be precision CNC located and factory installed for all attachment points.
- D. Rotationally Molded Plastic Parts, shall be manufactured from color compounded, linear, low-density polyethylene with an average of .250" wall thickness and textured non-sliding surfaces. Plastic parts shall be UV stabilized to UV-15 and shall have a density of 0.935 per ASTM D-1505. Plastic parts shall have a tensile strength at yield no less than 2500 psi with flexural modulus of 87,200 psi.
- E. HDPE plastic panel parts shall be precision cut from a single solid sheet of either .50" or .75" thick UV-stabilized extruded high-density polyethylene with colors molded in, with a durable matte finish. The material will have a density of 59.6 lbs/cu.ft. and a tensile strength of 4000psi. All edges shall be rounded or chamfered for safe play.
- F. Posts, steel [Nucleus, Voltage, Little Buddies] shall be cold-formed steel tubing with a yield test of at least 42,000 psi and a tensile strength of at least 58,000 psi. Tube members shall comply with ASTM A-135 and ASTM A-500 Grade B minimum and shall be tested according to ASTM E-8.

1. Tubing Exteriors shall be triple coated for maximum exterior protection: galvanized, then coated with a chromate conversion coating and finished with a baked-on powder-coat.
 2. Tubing interiors shall be coated with a corrosion resistant zinc-rich coating.
 3. Tubing and cap finished with a baked on powder coating.
 4. Standard posts shall be an assembly consisting of the galvanized steel tubing with a cast aluminum cap factory installed in the post with 1/8" x 15/32" stainless steel pinned aluminum drive rivets.
 5. Posts [Nucleus, Intensity] shall be 5" OD x 11 GA galvanized steel tubing.
 6. Posts [Little Buddies] shall be 2 3/8" OD x 12 GA galvanized steel tubing.
 7. Posts [Voltage] Post shall be 3 1/2" OD x 11 GA galvanized steel tubing.
- G. Posts, aluminum [Nucleus, Voltage, Intensity] shall be extruded aluminum tubing with a yield test of at least 35,000 psi and a tensile strength of at least 38,000 psi. Tube members shall comply with and shall be tested according to ASTM B-241. Standard posts shall be an assembly consisting of the extruded aluminum tubing with a cast aluminum cap factory installed in the post with 1/8" x 15/32" stainless steel pinned aluminum drive rivets.
1. Posts [Nucleus, Intensity] shall be 5" OD x 11 GA aluminum tubing.
 2. Posts [Voltage] Post shall be 3 1/2" OD x 11 GA aluminum tubing.

2.02 Descriptions of Coatings

- A. PVC Coating (Poly-Vinyl Chloride): Prior to coating, each part shall be chemically washed, submerged in a heat-activated primer and dried. After drying, each part shall be pre-heated to a temperature no less than 350° F and immersed in liquid PVC. Play/usage surfaces shall have coating thickness of .085-.150 in. Park and site surfaces (i.e. benches, picnic tables) shall have coating thickness of .050-.080 in. PVC shall comply with California Assembly Bill #1108 by having a concentration that does not exceed 0.1% of the following phthalates; DINP, DIDP, DnOP, DEHP, or BBP. This formulation is also free of heavy metals such as Lead and Cadmium. The PVC shall have:
1. Tensile strength of no less than 1830 psi per ASTM 412.
 2. Elongation of no less than 350% per ASTM 412.
 3. Tear strength of no less than 250 lb./in. per ASTM 624.
 4. Hardness of 75 +/- 3 (Durometer, Shore A) per ASTM 2240.
 5. UV stabilizer shall be added to PVC to withstand one year in a QUV panel tester without any significant color drift.

6. Burn Rate will meet or exceed Federal Safety Standard MVSS 302. This is the same as a UL 94 HB rating.

B. Powder Coating - Standard: Prior to powder coating, all parts shall be cleaned, and pretreated with a non-phosphate and non-chromic process. A polyester/TGIC powder coating with superior color-, gloss-, and UV-stabilizing qualities shall be 3.0 – 6.0 mils thick and shall be cured in an oven at temperatures no less than 356° F and no more than 392° F. The powder-coat shall have the following properties:

1. Adhesion: No less than 5B [The edges of the cuts are completely smooth; none of the squares of the lattice is detached.] (cross hatch/tape adhesion test per ASTM D3359 Method B).
2. Hardness: No less than 2H (pencil hardness test per ASTM B3363).
3. Resistance to Impact: Cracking at the perimeter of the concave area, but no cracking pick off from 80 in/lb direct or reverse impact (ASTM D2794).
4. Resistance to Bending: No visible cracking (1/8" bending test per ASTM 522).
5. Resistance to Salt Spray: No more than 1/8" undercutting and no blistering in 1000 hours (salt spray test per ASTM B117).
6. Resistance to Humidity: No more than 1/8" undercutting and no blistering in 1000 hours (humidity test per ASTM D2247)
7. Degree of Gloss: No less than 80% reflected (specular gloss test at 60° per ASTM D523).

C. Powder Coating - Super Durable: Prior to powder coating, all parts shall be cleaned, and pretreated with a non-phosphate and non-chromic process. A polyester/TGIC powder coating with superior color-, gloss-, and UV-stabilizing qualities shall be 3.0 – 6.0 mils thick and shall be cured in an oven at temperatures no less than 356° F and no more than 392° F. The powder-coat shall have the following properties:

1. Adhesion: No less than 5B [The edges of the cuts are completely smooth; none of the squares of the lattice is detached.] (cross hatch/tape adhesion test per ASTM D3359 Method B).
2. Hardness: No less than 2H (pencil hardness test per ASTM B3363).
3. Resistance to Impact: Cracking at the perimeter of the concave area, but no cracking pick off from 80 in/lb direct or reverse impact (ASTM D2794).
4. Resistance to Bending: No visible cracking (1/8" bending test per ASTM 522).
5. Resistance to Acid Salt Spray: No more than 1/32" undercutting and no blistering in 3000 hours (salt spray test per ASTM G85 Annex 5).
6. Resistance to Humidity: No more than 1/32" undercutting and no blistering in 3000 hours (humidity test per ASTM D2247)
7. Degree of Gloss: No less than 80% reflected (specular gloss test at 60° per ASTM D523).

8. Weathering: No less than 4 (tested per EN 20105-A02)

9. Light fastness: No less than Grade 7 (tested per EC ISO 105-B02)

D. Powder Coating - Coastal Package: All metal parts will be coated with a two-part powder coat system that consists of a primer in addition to the top coat of Super Durable powder coating. Note: Top coat may be Standard powder coating for certain colors due to availability. Prior to powder coating, all parts shall be cleaned, treated with a phosphate-free cleaner and sealed with a non-chromic process. An epoxy based zinc-free primer shall be a minimum of 3.0 mils thick and cured in an oven at temperatures no less than 338°F. This two-coat powder coating system provides superior color, gloss and UV stabilizing properties, good chemical resistance, along with excellent corrosion protection properties consisting of the following:

1. Resistance to Humidity: No more than 1/32" undercutting and no blistering in 1000 hours (humidity test per ASTM D2247).

2. Resistance to Salt Spray: No more than 1/32" undercutting and no blistering in 3000 hours (salt spray test per ASTM B117).

E. Corrosion protection: All metal parts will either have inherent corrosion protection such as stainless steel, aluminum or galvanized steel, or they will be pre-treated prior to powder coating with either an e-coat or zinc clear chromate coating for superior corrosion protection.

2.03 Barriers & Enclosures

A. Center Mount Enclosure [Nucleus, Voltage] One piece all welded construction consisting of 3 1/2" OD X 11 GA, 1.315" OD X 12 GA galvanized steel tubing and 10 GA galvanized sheet. Finished with a baked on powder coating.

B. Enclosures [Little Buddies] 3/4" co-extruded H.D.P.E.

C. Enclosures and Stanchions [Nucleus, Voltage, Little Buddies] One piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and HDPE threaded inserts. Finished with a baked-on powder coating.

D. Enclosure, Offset [Nucleus, Voltage] One piece all welded construction consisting of 1.315" OD x 14 GA and 1.029" OD x 14 GA galvanized steel tubing, and HDPE threaded inserts. Finished with a baked-on powder coating.

E. Internal Barrier [Voltage] Shall consist of four separate parts each being all welded construction consisting of 1.660" OD x 12 GA and 1.315" OD x 14 GA galvanized steel tube and 10 GA galvanized steel plate finished with a baked on powder coating.

F. Pipe Walls [Nucleus, Voltage, Little Buddies] One piece, all welded construction consisting of 1.315" OD x 14 GA and 1.029" OD x 14 GA galvanized steel tubing, and 1 1/2" x 1/2" x 10 GA formed galvanized steel plate. Finished with a baked-on powder coating.



October 04, 2016

- G. Platform-to-Platform Bars [Voltage] 1.315" x 12 GA galvanized steel tubing finished with a baked on powder coating.
- H. Slotted Barrier [Nucleus, Voltage, Little Buddies] 3/4" co-extruded H.D.P.E.

2.04 Brackets

- A. Panel Brackets [Voltage] for accessible reach panels, upper board panels and battlement panels shall be one piece all welded construction consisting of 7 GA stainless steel formed plate and 10 GA galvanized sheet steel finished with a baked on powder coating.
- B. Flat Panel Mounting Brackets [Voltage] Bracket shall be one piece all welded construction consisting of 8 GA galvanized steel plate and 3/16" stainless steel plate. Finished with a baked on powder coating.
- C. Mounting Brackets [Voltage] Bracket shall be one piece all welded construction consisting of 3/16" stainless steel plate and 1.029" OD x 14 GA or 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.
- D. Mounting Tubes [Little Buddies] Tube shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and a stainless steel threaded insert. Finished with a baked on powder coating.
- E. Panel Mounting Tubes [Voltage] Tube shall be one piece all welded construction consisting of 3/16" stainless steel plates and 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.
- F. Slide Entrance Brackets [Voltage, Nucleus] Bracket shall be 14 GA galvanized steel plate finished with a baked on powder coating.
- G. Steering Wheel Mount Bracket [Voltage, Little Buddies] Bracket shall be one piece all welded construction consisting of a 3/16" stainless steel plate, 1.315 OD x 14 GA galvanized tubing, and a stainless steel threaded insert. Finished with a baked on powder coating.

2.05 24" TRANSITION STAIR W/BARRIERS

- A. CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.
- B. TOP STAIR BARRIER: One piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating.
- C. 24" TRANSITION BARRIER: One piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 12 GA galvanized steel tubing, malleable iron plug and 10 GA galvanized steel plate. Finished with a baked on powder coating.



October 04, 2016

D. BOTTOM STAIR TRANSITION B: One piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating.

E. 24" ACCESSIBLE STAIRS: One piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.

2.06 48" BENCH

A. PANEL, S3000 BENCH: 3/4" extruded HDPE.

B. 48" BENCH SUPPORT: One piece all welded construction consisting of 1.315" OD x 14 GA galvanized tubing, formed 3/16" stainless steel plates and 10 GA HRS steel plates. Finished with a baked on powder coating.

2.07 5" OD ARCH SWING

A. PENDULUM CASTING: Galvanize plated, grade 32510, malleable iron

B. BRONZE BEARING .377 X .75: Oil impregnated, bronze.

C. SWING BEAM, 5" OD X 130": One piece all welded construction consisting of 5" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating.

D. ARCH POST END, 5" OD SWIN: One piece all welded construction consisting of 5" OD x 11 GA & 1 1/16" OD low carbon steel bar and 4 1/2" OD x 11 GA steel tubing w/cadmium and yellow chromate plating, and an assembly of 3/8" nut inserts. Finished with a baked on powder coating.

E. LOCKTITE: Thread Locker; CAUTION: May irritate eyes, skin and respiratory system. Contains: polyglycol dimethacrylate, polyglycol oleate propylene glycol, titanium dioxide, and cumene hydroperoxide.

2.08 8" CLOSURE PLATE

A. S5 8" CLOSURE PLATE: 14 GA galvanized steel plate finished with a baked on powder coating.

2.09 AIRPLANE BARRIER W/ WINDOWS, LH

A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

B. PANEL, AIRPLANE WINDOWS, : 3/4" co-extruded HDPE.

2.10 AIRPLANE BARRIER W/ WINDOWS, RH

A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.



October 04, 2016

B. PANEL, AIRPLANE WINDOWS, : 3/4" co-extruded HDPE.

2.11 AIRPLANE NOSE ASSEMBLY, 72"

A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

B. 1 5/8 x 1 1/4 PLATE 10 GA: 10 GA galvanized steel plate finished with a baked on powder coating.

C. PANEL, AIRPLANE NOSE, RH: 3/4" extruded H.D.P.E.

D. PANEL, AIRPLANE NOSE, LH: 3/4" extruded H.D.P.E.

E. PANEL, AIRPLANE NOSE: 3/4" co-extruded HDPE.

F. WELDMENT, CANTILEVER SUPP: One piece all welded 2.375" OD tubing w/ 7 GA, 10 GA and 12 GA sheet steel finished with a baked on powder coating.

G. PLATFORM, CANTILEVER: 12 GA HRPO sheet, finished with a PVC Coating

H. SUPPORT, CANTILEVER PLATF: One piece all welded construction consisting of 8 GA galvanized steel plate and a 5" OD X 11GA post, finished with a baked on powder coating.

2.12 AIRPLANE SLIDE PANEL, LH

A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

B. PANEL, AIRPLANE SLIDE, LH: 3/4" co-extruded HDPE.

2.13 AIRPLANE TRANSFER PANEL, LH

A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

B. PANEL, AIRPLANE TRANSFER,: 3/4" co-extruded HDPE.

2.14 ARCHED ROPE CLIMBER

A. CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

B. ROPE ASSEMBLY, ARCHED CLI: Rope consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with polyester fibers. Aluminum end connectors and ferrules with stainless steel screws.

C. BRACKET, ROPE CLIMBER SUP: One piece all welded construction consisting of 8 GA and 10 GA galvanized steel. Finished with a baked on powder coating.

- D. S5 UNITARY ENCLOSURE: One piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and HDPE threaded inserts. Finished with a baked on powder coating.
- E. S5 RAIL, ARCHED ROPE: One piece weldment consisting of 8 GA. galvanized sheet, 7 GA. stainless steel sheet and 2 3/8" OD X 10 GA galvanized tubing. Finished with a baked on powder coating.
- F. BRASS SPACER 7/16" OD X : Brass Tube 7/16" OD X .028" Wall

2.15 BELT SEAT, 7' PAIR, PVC CHAIN

- A. PVC COATED, 4/0 CHAIN 64 : 3/8" diameter, 4/0 straight coil chain. PVC coated after fabrication.
- B. MOLDED RUBBER SEAT: Molded rubber, reinforced with a steel insert. Riveted galvanized attachment hardware.
- C. SPACER 1.13 OD X .25: 1/4" Nylatron GS.
- D. LOCKTITE: Thread Locker; CAUTION: May irritate eyes, skin and respiratory system. Contains: polyglycol dimethacrylate, polyglycol oleate propylene glycol, titanium dioxide, and cumene hydroperoxide.
- E. CLEVIS SHACKLE W/BOLT: 5/16" Shackle with a 3/8" X 1 1/2" bolt.

2.16 BUBBLE MIRROR ACTIVITY PANEL

- A. BUBBLE MIRROR ACTIVITY PA: Assembly consisting of welded bracket, formed 10 ga galv steel plate, 1.029" OD galv tubing, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 1/4" T-nut inserts, and a textured surface, routed HDPE panels 1/2", polycarbonate bubble window with mirror finish, SS hardware.

2.17 CHARADE RING PANEL

- A. CHARADE PANEL ASSEMBLY: Assembly consisting of a ring attachment weldment finished with powdercoat, 1/4" LLDPE double wall rotationally molded panel, 1/4" clear polycarbonate window, 1/2" extruded HDPE, extruded HDPE and acetal and stainless steel balls all assembled together with stainless steel hardware.

2.18 CLIMBER, AIRPLANE TAIL, LH

- A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.
- B. CLIMBER PLATE, AIPLANE TA: 10 GA galvanized steel plate finished with a baked on powder coating.



October 04, 2016

- C. CLIMBER, AIRPLANE TAIL, L: 3/4" Co-extruded HDPE.
- D. TAIL PANEL, AIRPLANE, LH: 3/4" Co-extruded HDPE.
- E. 32" AIRPLANE CLIMBER SUPP: One piece all welded 1.315" OD tubing w/ 10 GA sheet steel finished with a baked on powder coating.
- F. 32" AIRPLANE CLIMBER SUPP: One piece all welded 1.315" OD tubing w/ 10 GA sheet steel finished with a baked on powder coating.

2.19 CLIMBER, AIRPLANE TAIL, RH

- A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.
- B. CLIMBER PLATE, AIRPLANE TA: 10 GA galvanized steel plate finished with a baked on powder coating.
- C. TAIL PANEL, AIRPLANE, RH: 3/4" co-extruded HDPE.
- D. CLIMBER, AIRPLANE TAIL, R: 3/4" co-extruded HDPE.
- E. 32" AIRPLANE CLIMBER SUPP: One piece all welded 1.315" OD tubing w/ 10 GA sheet steel finished with a baked on powder coating.
- F. 32" AIRPLANE CLIMBER SUPP: One piece all welded 1.315" OD tubing w/ 10 GA sheet steel finished with a baked on powder coating.

2.20 COIL CLIMBER 32"-48" W/O STNCH

- A. COIL CLIMBER 32-48: One piece all welded construction consisting of 1.660" OD x 12 GA & 1.315" OD x 14 GA galvanized steel tubing, 3/8" OD x SCH 40 galvanized steel pipe, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

2.21 CURVED POST TOPPER

- A. ASSEMBLY, CURVED POST TOP: Three piece construction consisting of 5" OD tubing & cast aluminum. Finished with a baked on powder coating.

2.22 CUSTOM ARCH SIGN

- A. ARCH SIGN BRACKET: One piece all welded construction consisting of 10 GA galvanized sheet steel and a formed 3/16" stainless steel plate, finished with a baked on powder coating.
- B. CUSTOM ARCH SIGN NUCLEUS: 3/4" co-extruded HDPE.

2.23 CUSTOM PANEL 56 WITH COUNTER



October 04, 2016

- A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.
- B. COUNTER SUPPORT: Formed 8 GA. galvanized sheet steel finished with a baked on powder coating.
- C. STORE COUNTER: 3/4" extruded HDPE.
- D. CUSTOM PANEL 39 1/4 X 56 : 3/4" Co-Extruded HDPE Routed

2.24 DOUBLE RAIL SLIDE 32"-40"

- A. CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.
- B. CASTING, SIDE FILLER, SHO: A56 Aluminum. Finished with baked on powder coating.
- C. DOUBLE RAIL SLIDE: Linear, low density, rotationally molded, U.V. stabilized, polyethylene, .250" thick, double wall construction. Molded in 3/8" T-nut inserts and textured surface.
- D. SIT DOWN HOOD: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.
- E. DBL WAVE SLIDE EXIT SUPT: One piece all welded construction consisting of 1.660" OD x 13 GA galvanized steel tubing and 2 1/2" x 1 1/2" x 3/16" HRS angle. Finished with a baked on powder coating.
- F. MOUNT TUBE: One piece all welded construction consisting of a 1.315 OD x .083" wall galvanized tube and a 12L14 steel threaded insert. Finished with a baked on powder coating.

2.25 FLAG FULL COLOR CUSTOM POST TOPPER

- A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.
- B. CUSTOM FLAG ASSEMBLY: 3/4" co-extruded HDPE, 3003 aluminum tread-brite, DiBond accent & stainless steel hardware.

2.26 FS SIGN, CUSTOM/CUSTOM

- A. FS SIGN FRAME: 10 GA GALV steel finished with baked-on black powder coating.
- B. ARCH POST, SIGN: One piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating.
- C. CUSTOM SIGN, BOTH SIDES: A full color graphic sign printed on 3 mm DiBond

2.27 NPPS SUPERVISION SAFETY KIT

- A. NPPS DVD: National Program for Playground Safety Supervision safety kit including training manual, training DVD, and supervision fanny pack with supplies.

2.28 NUCLEUS STANCHION

- A. CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.
- B. S5 STANCHION: One piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and HDPE threaded inserts. Finished with a baked on powder coating.

2.29 PADDLE BALL RING PANEL

- A. PADDLE BALL PANEL ASSEMBL: Assembly consisting of a ring attachment weldment finished with powdercoat, with spacers made of nylatron, flat window of 1/4" Lexan, bubble made of 3/16" Lexan, paddle ball wheel of 1/2" extruded HDPE, paddle of 3/4" extruded HDPE and ball kit all assembled together with stainless steel hardware.

2.30 POST MOUNTED BELL

- A. GALVANIZED 4/0 CHAIN 12": Galvanized 4/0 straight coil chain.
- B. KNOB: 3/4" extruded HDPE.
- C. BELL BRACKET: One piece all welded construction. Finished with a baked on powder coating.
- D. TUBE, BELL: One piece all welded construction consisting of 5" OD X SCH 10 aluminum tubing and 5" OD aluminum plate. Finished with a baked on powder coating.
- E. SPACER 1.13 OD X .25: 1/4" Nylatron GS.

2.31 SHAKER SQUARE ROOF

- A. SHAKER SQUARE ROOF: 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction.

2.32 SQUARE PLATFORM

- A. SQUARE PLATFORM S5P: 12 GA HRPO sheet, finished with a PVC Coating

2.33 TABLE TOP

- A. TABLE TOP: 3/4" co-extruded HDPE.
- B. POST, TABLE TOP: One piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA GALV steel plate. Finished with a baked on powder coating.

2.34 THEME TRANSFER STATION, HANDRAIL 32"

- A. SINGLE STEP HANDRAIL: Formed 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating.
- B. TUBE, 1.315 x 47 1/2": 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating.
- C. EXIT SUPPORT: 1.660" OD x 13 GA galvanized steel tubing finished with a baked on powder coating.
- D. SINGLE STEP P: One piece all welded construction consisting of 12 GA surfaces and gussets. PVC coated after fabrication.
- E. HANDRAIL, TRANSFER STAIR : One piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, and a stainless steel threaded insert. Finished with a baked on powder coating.
- F. 16" ACCESSIBLE STAIRS: One piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.
- G. TRANSFER PLATFORM SQUARE: One piece all welded construction consisting of 12 GA surfaces, gussets, and corners. PVC coated after fabrication.

2.35 VIPER L 48-56 W/O HOOD

- A. ENTRANCE SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.
- B. EXIT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.
- C. STRAIGHT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.
- D. 45 DEG LEFT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.
- E. SUPPORT,SLIDE EXIT: One piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating.
- F. SLIDE SUPPORT 2J: 8 gage formed plate welded to 1.660" OD tubing. Finished with baked on powder coat.

2.36 VIPER R 48-56 W/O HOOD

- A. ENTRANCE SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.
- B. EXIT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.
- C. STRAIGHT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.
- D. 45 DEG RIGHT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.
- E. SUPPORT,SLIDE EXIT: One piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating.
- F. SLIDE SUPPORT 2J: 8 gage formed plate welded to 1.660" OD tubing. Finished with baked on powder coat.

2.37 VIPER ST 64-72 W/O HOOD

- A. ENTRANCE SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.
- B. EXIT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.
- C. STRAIGHT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.
- D. SUPPORT,SLIDE EXIT: One piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating.
- E. SLIDE SUPPORT 3J: 8 gage formed plate welded to 1.660" OD tubing. Finished with baked on powder coat.

2.38 WINDOW PANEL, BELOW PLATFORM

- A. CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.
- B. PANEL WINDOW: 3/4" co-extruded HDPE.

BCI BURKE GENERATIONS WARRANTY®

The Longest and Strongest Warranty in the Industry

BCI Burke Company, LLC ("Burke") warrants that all standard products are warranted to be free from defects in materials and workmanship, under normal use and service, for a period of one (1) year from the date of invoice.

We stand behind our products.

In addition, the following products are warranted, under normal use and service from the date of invoice as follows:

- One Hundred (100) Year Limited Warranty on aluminum and steel upright posts (including Intensity®, Voltage®, Nucleus® and Little Buddies®) against structural failure due to corrosion, deterioration or workmanship.
- One Hundred (100) Year Limited Warranty on KoreKonnnect® clamps against structural failure due to corrosion, deterioration or workmanship.
- One Hundred (100) Year Limited Warranty on Hardware (nuts, bolts, washers).
- One Hundred (100) Year Limited Warranty on bolt-through fastening and clamp systems (Voltage®, Intensity®, Nucleus® and Little Buddies®).
- Twenty-Five (25) Year Limited Warranty on spring assemblies and aluminum cast animals.
- Fifteen (15) Year Limited Warranty on main structure platforms and decks, metal roofs, table tops, bench tops, railings, loops and rungs.
- Fifteen (15) Year Limited Warranty on all plastic components including StoneBorders against structural failure due to materials or workmanship.
- Ten (10) Year Limited Warranty on ShadePlay Canopies fabric, threads, and cables against degradation, cracking or material breakdown resulting from ultra-violet exposure, natural deterioration or manufacturing defects. This warranty is limited to the design loads as stated in the specifications.
- Ten (10) Year Limited Warranty on NaturePlay® Boulders and GFRC products against structural failure due to natural deterioration or workmanship. Natural wear, which may occur with any concrete product with age, is excluded from this warranty.
- Ten (10) Year Limited Warranty on Full Color Custom Signage against manufacturing defects that cause delamination or degradation of the sign. Full Color Custom Signs also carry a two (2) year warranty against premature fading of the print and graphics on the signs.
- Five (5) Year Limited Warranty on Intensity® and RopeVenture™ cables against premature wear due to natural deterioration or manufacturing defects. Determination of premature wear will be at the manufacturer's discretion.
- Five (5) Year Limited Warranty on swing seats and hangers; Kid Koaster® Trolleys and other moving parts against structural failure due to materials or workmanship.
- Three (3) Year Limited Warranty on electronic panel speakers, sound chips and circuit boards against electronic failure caused by manufacturing defects.

The warranty stated above is valid only if the equipment is erected in conformity with the layout plan and/or installation instructions furnished by BCI Burke Company, LLC using approved parts; have been maintained and inspected in accordance with BCI Burke Company, LLC instructions. Burke's liability and your exclusive remedy hereunder will be limited to repair or replacement of those parts found in Burke's reasonable judgment to be defective. Any claim made within the above stated warranty periods must be made promptly after discovery of the defect. A part is covered only for the original warranty period of the applicable part. Replacement parts carry the applicable warranty from the date of shipment of the replacement from Burke. After the expiration of the warranty period, you must pay for all parts, transportation and service charges.

Burke reserves the right to accept or reject any claim in whole or in part. Burke will not accept the return of any product without its prior written approval. Burke will assume transportation charges for shipment of the returned product if it is returned in strict compliance with Burke's written instructions.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF THE FOREGOING DISCLAIMER OF ADDITIONAL WARRANTIES IS NOT GIVEN FULL FORCE AND EFFECT, ANY RESULTING ADDITIONAL WARRANTY SHALL BE LIMITED IN DURATION TO THE EXPRESS WARRANTIES AND BE OTHERWISE SUBJECT TO AND LIMITED BY THE TERMS OF BURKE'S PRODUCT WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OF CERTAIN IMPLIED WARRANTIES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

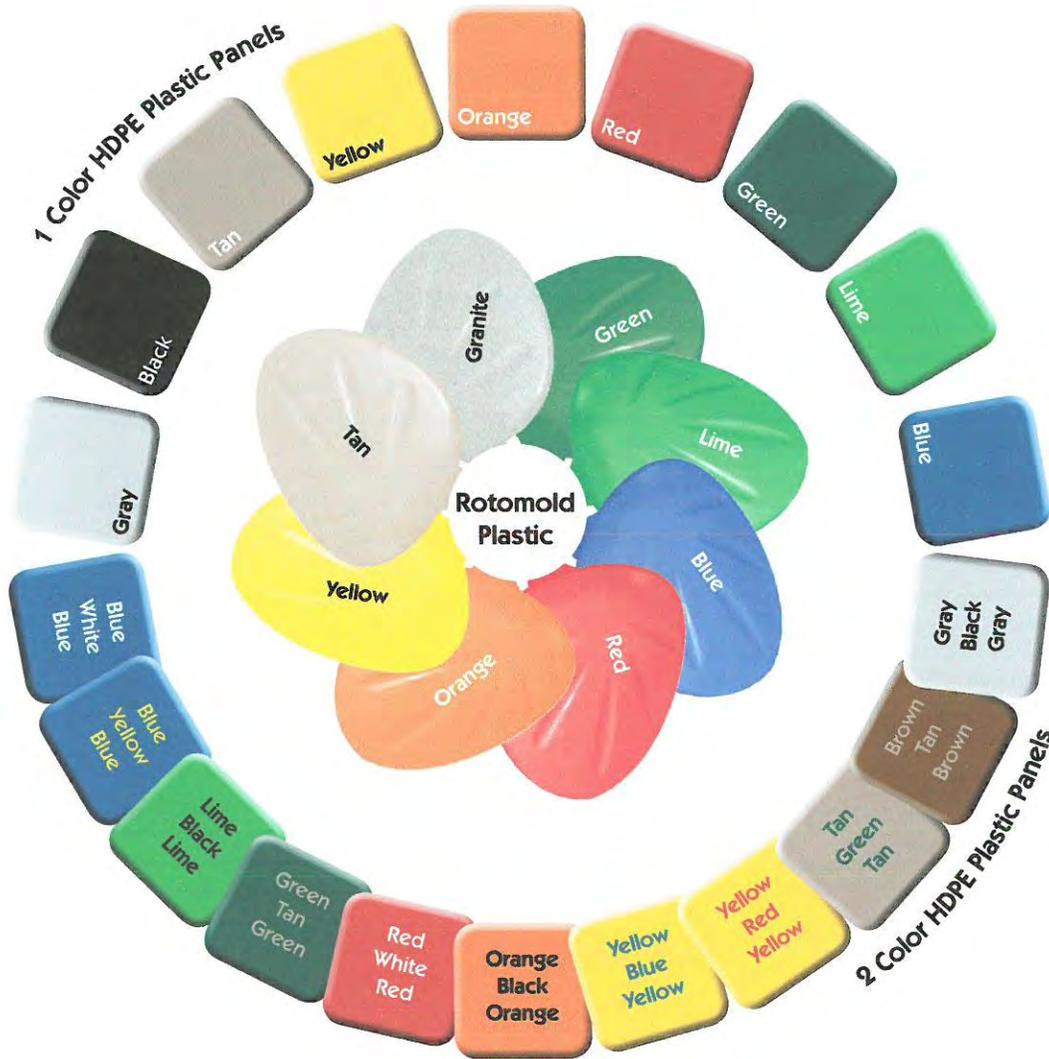
Warranty Exclusions: The above stated warranties do not cover: "cosmetic" defects, such as scratches, dents, marring, or fading; damage due to incorrect installation, vandalism, misuse, accident, wear and tear from normal use, exposure to extreme weather; immersion in salt or chlorine water, unauthorized repair or modification, abnormal use, lack of maintenance, or other cause not within Burke's control; and

Limitation of Remedies: Burke is not liable for consequential or incidental damages, including but not limited to labor costs or lost profits resulting from the use of or inability to use the products or from the products being incorporated in or becoming a component of any other product. If, after a reasonable number of repeated efforts, Burke is unable to repair or replace a defective or nonconforming product, Burke shall have the option to accept return of the product, or part thereof, if such does not substantially impair its value, and return the purchase price as the buyer's entire and exclusive remedy. Without limiting the generality of the foregoing, Burke will not be responsible for labor costs involved in the removal of products or the installation of replacement products. Some states do not allow the exclusion of incidental damages, so the above exclusion may not apply to you.

For more information regarding the warranty, call Customer Service at 920-921-9220 or 1-800-356-2070.

01/2016

COLORS THAT MOVE YOU



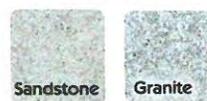
Powder Coat Paint



Shade Canopies



RockIt



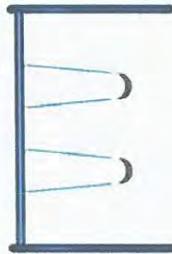
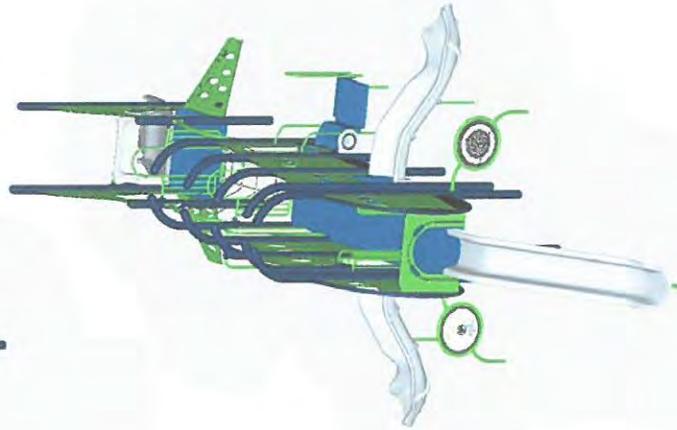
Vinyl Site Amenities



Platforms



VISIT BCIBURKE.COM/COLORSELECTION TO CUSTOMIZE YOUR PLAYGROUND COLORS!



Burke

October 04, 2016

SERIES: Basics, Intensity, Little Buddies, Nucleus
Los Alamitos - Orville Lewis Park

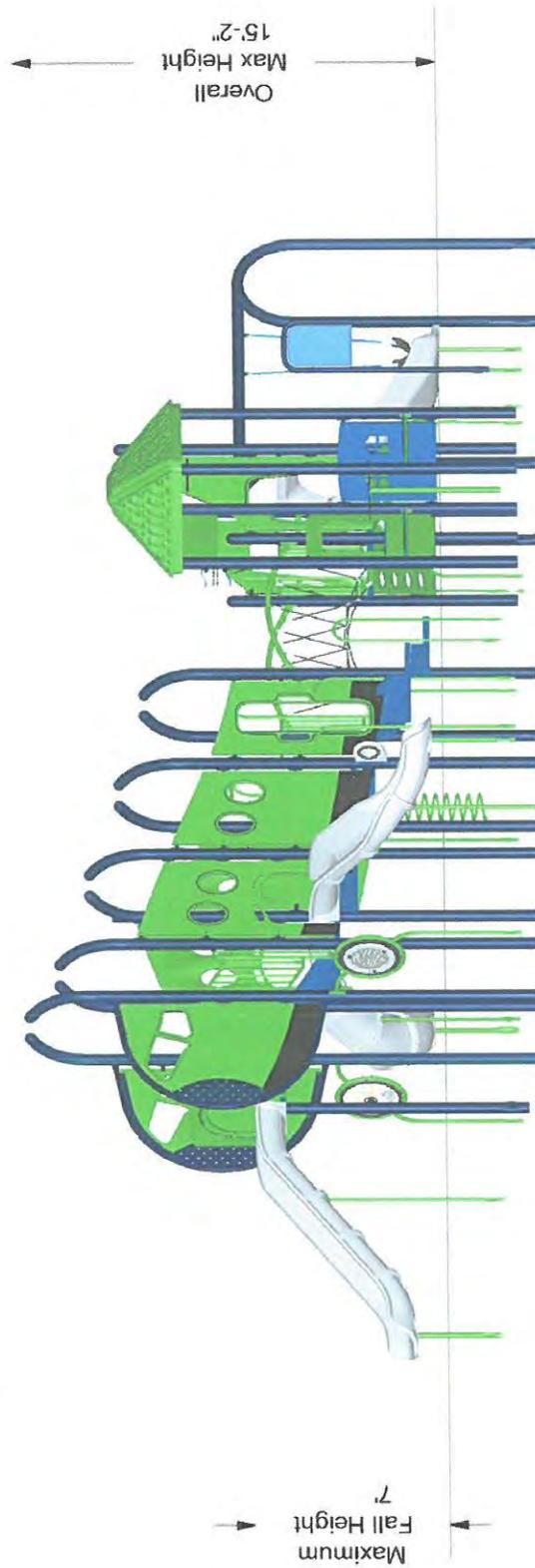
ISOMETRIC PLAN

3662 Kempton Drive

DRAWN BY: Joel Schleis

Los Alamitos, CA 90720

BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220



The protective surfacing for this design must accommodate the critical fall height.



October 04, 2016

SERIES: Basics, Intensity, Little Buddies, Nucleus
 Los Alamitos - Orville Lewis Park
 ELEVATION PLAN
 3662 Kempton Drive
 DRAWN BY: Joel Schleis
 Los Alamitos, CA 90720

BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220

INFORMATION
MINIMUM FALL ZONE
SURFACED WITH
RESILIENT MATERIAL
AREA

1643 SQ.FT.

PERIMETER

249 FT.

STRUCTURE SIZE

67' 9" x 55' 9"

STRUCTURE IS DESIGNED
FOR CHILDREN AGES:

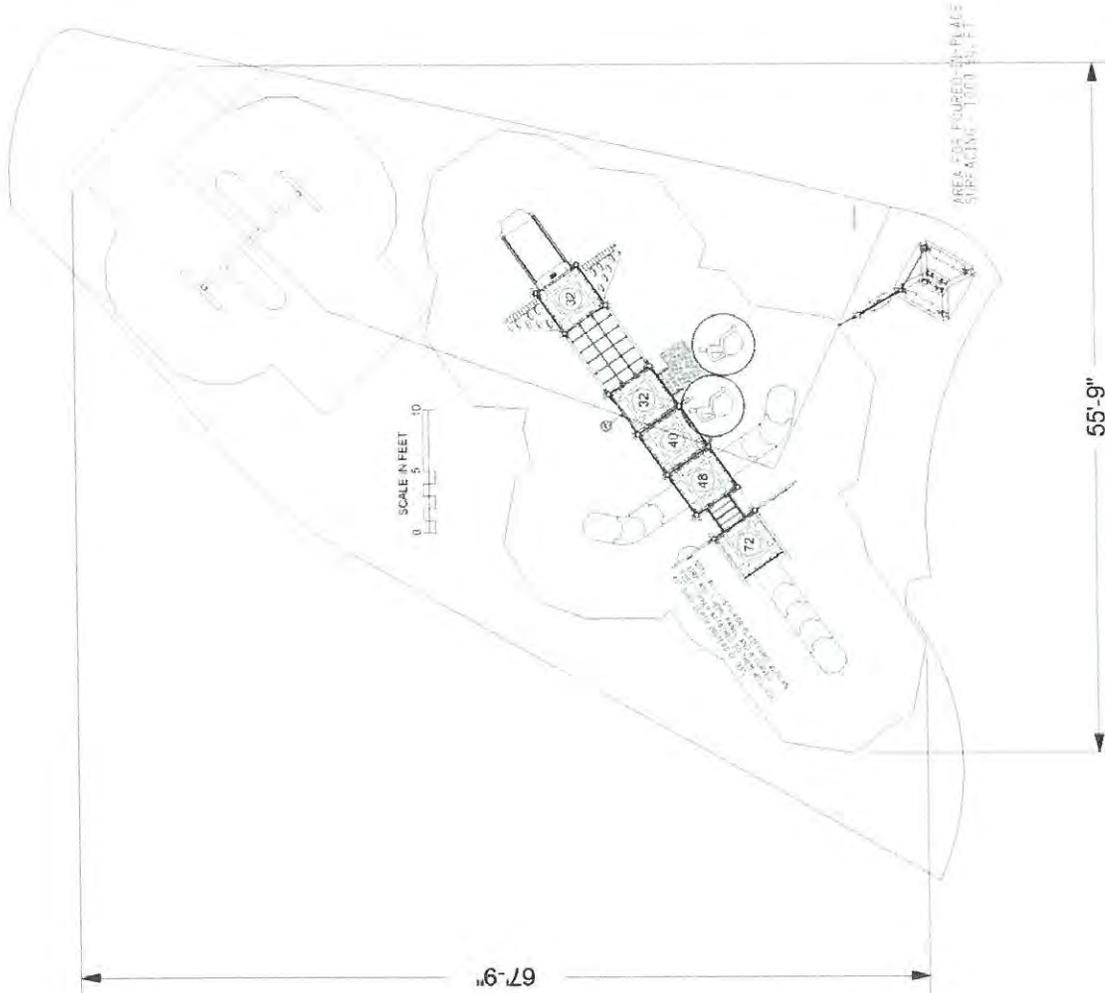
- 6-23 MONTH OLDS
- 2-5 YEAR OLDS
- 5-12 YEAR OLDS
- 13 + YEAR OLDS



The play components identified in this plan are IPEMA certified. The use and layout of these components conform to the requirements of ASTM F1487. To verify product certification, visit: www.ipema.org

The space requirements shown here are to ASTM standards. Requirements for other standards may be different.

The use and layout of play components identified in this plan conform to the CPSC guidelines. U.S. CPSC recommends the separation of age groups in playground layouts.



WARNING!

ACCESSIBLE SAFETY SURFACING MATERIAL IS REQUIRED BENEATH AND AROUND THIS EQUIPMENT.
FOR SLIDE FALL ZONE SURFACING AREA SEE CPSC's Handbook for Public Playground Safety.
PLATFORM HEIGHTS ARE IN INCHES ABOVE RESILIENT MATERIAL.

ADA ACCESSIBILITY GUIDELINE (ADAAG CONFORMANCE)

NUMBER OF PLAY EVENTS	19
NUMBER OF ELEVATED PLAY EVENTS	8
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY RAMP	PROVIDE: 0
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY TRANSFER SYSTEM	PROVIDE: 5
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY RAMP OR TRANSFER SYSTEM	PROVIDE: 11
NUMBER OF GROUND LEVEL PLAY EVENTS	REGD. 3
NUMBER OF TYPES OF GROUND LEVEL PLAY EVENTS	PROVIDE: 7



October 04, 2016

SERIES: Basics, Intensity, Little Buddies, Nucleus, Los Alamitos - Orville Lewis Park

SITE PLAN

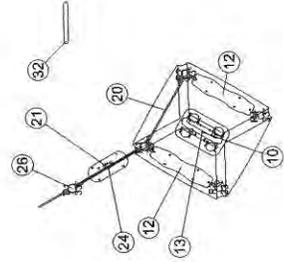
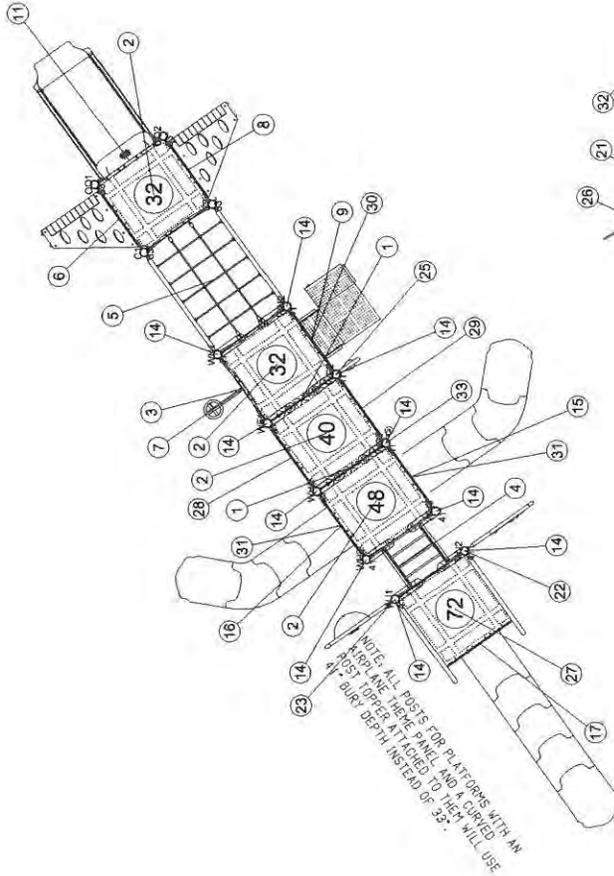
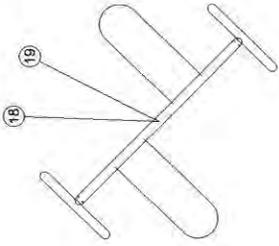
3662 Kempton Drive

DRAWN BY: Joel Schleis

Los Alamitos, CA 90720

BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220

ITEM	COMP	DESCRIPTION
1	270-0050	8" CLOSURE PLATE
2	270-0130	SQUARE PLATFORM
3	270-0286	NUCLEUS STANCHION
4	370-0467	24" TRANSITION STAIR W/BARRI
5	370-0551	ARCHED ROPE CLIMBER
6	370-0802	CLIMBER AIRPLANE TAIL RH
7	370-0820	COIL CLIMBER 32"-48" W/O STNG
8	370-0825	CLIMBER AIRPLANE TAIL LH
9	370-0828	THEME TRANSFER STATION, HA
10	440-0174	TABLE TOP
11	470-0435	DOUBLE RAIL SLIDE 32"-40"
12	470-0482	48" BENCH
13	470-0517	SHAKER SQUARE ROOF
14	470-0658	CURVED POST TOPPER
15	470-0660	VIPER L 48-56 W/O HOOD
16	470-0661	VIPER R 48-56 W/O HOOD
17	470-0663	VIPER ST 64-72 W/O HOOD
18	550-0106	BELT SEAT, 7" PAIR, PVC CHAIN
19	550-0135	5" OD ARCH SWING
20	570-0556	WINDOW PANEL BELOW PLATFR
21	570-0564	CUSTOM ARCH SIGN
22	570-0887	CHARADE RING PANEL
23	570-0688	PADDLE BALL RING PANEL
24	570-0701	CUSTOM PANEL 56 WITH COUNT
25	570-0719	BUBBLE MIRROR ACTIVITY PANE
26	570-0736	FLAG FULL COLOR CUSTOM PO
27	570-0803	AIRPLANE NOSE ASSEMBLY, 72"
28	570-0805	AIRPLANE BARRIER W/ WINDOW
29	570-0808	AIRPLANE BARRIER W/ WINDOW
30	570-0810	AIRPLANE TRANSFER PANEL, LH
31	570-0813	AIRPLANE TRANSFER PANEL, LH
32	580-1302	FS SIGN, CUSTOM/CUSTOM
33	670-0156	POST MOUNTED BELL



October 04, 2016

SERIES: Basics, Intensity, Little Buddies, Nucleus
 Los Alamitos - Orville Lewis Park
 COMPONENT PLAN
 3662 Kempton Drive
 DRAWN BY: Joel Schleis
 Los Alamitos, CA 90720

City of Los Alamitos

**Agenda Report
Consent Calendar**

**October 17, 2016
Item No: 8E**

To: Mayor Richard D. Murphy & Members of the City Council

Via: Bret M. Plumlee, City Manager

From: Eric R. Nuñez, Chief of Police

Subject: Approval of a Supplemental Appropriation to Purchase a Computer Aided Dispatch and Records Management System for West Cities Police Communications

Summary: In an effort to continue to enhance public safety and meet the needs of West Cities Police Communications and the three cities, Staff is seeking City Council authorization to approve appropriations for the purchase of a new Computer Aided Dispatch and Records Management System.

Recommendation: Approve a supplemental appropriation of \$359,924 in the Police Capital Expenditures Fund to purchase a new Computer Aided Dispatch and Records Management System for West Cities Police Communications.

Background

West Cities Police Communications (West-Comm) provides police dispatching services for Cypress, Los Alamitos, and Seal Beach. Each of the cities funds and provides services to support West-Comm. West-Comm and each of the three member cities currently contracts with the City of West Covina for its computer aided dispatch and records management system (CAD/RMS).

Over time the CAD/RMS services provided by West Covina failed to meet the needs of West-Comm and the three cities. In 2014, through a competitive Request for Proposal process, West-Comm selected a new CAD/RMS solution, SunGard. The lead on the project will be West-Comm due to all software and hardware for all entities being centralized solely within West-Comm, offering significant efficiencies fiscally with effective use of staff time.

Discussion

West-Comm and its' member cities determined there was a need in finding a new CAD/RMS solution that will address our varying needs and support data driven decision making by better managing events from the start of a given call for service to

the end, by analyzing trends and allowing for more accurate policy decisions and better overall police management.

In October of 2014, West Cities Police Communications published an RFP soliciting proposals for CAD/RMS software and implementation services. General goals and objectives expected to result from the new system include the following:

- Provide additional functionality for all users
- Eliminate manual paper processes and standalone systems
- Provide access to all information throughout the system
- Improve data availability and tools for crime and traffic collision analysis
- Improve mapping capabilities including the ability to map multiple factors (i.e., CAD calls, RMS and other criminal databases) for comparison
- Provide a Jail Management System for the Seal Beach Detention Center
- Provide an industry standard technology infrastructure

West-Comm received eight responses that were ultimately narrowed to four proposals including SunGard, EIS, Spillman and the current CAD/RMS vendor, West Covina Service Group. Proposals were evaluated on the basis of their response to the provisions of this RFP. The Cities and West-Comm used all or part of the following criteria in its evaluation and comparison of proposals submitted and any subsequent interviews or system demonstrations. The criteria listed were not necessarily an all-inclusive list. The order in which they appeared was not intended to indicate their relative importance. The Cities and West-Comm reserved the right to modify the evaluation criterion as deemed appropriate prior to the commencement of evaluations. A total of 337 potential requirements and requests for functionality were identified. The initial screening factors included:

- Completeness of proposal
- Ability to meet functional and technical requirements
- Cost for implementation, conversion, training and ongoing maintenance
- Reference checks
- Customer service
- Data accessibility
- Total cost of ownership, including required hardware and support

The four selected vendors were invited to conduct full-day, onsite demonstrations for key subject matter experts made up of members from all agencies. The subject matter experts represented the following work groups: Dispatch, Patrol, Records, Investigations and Case Management, Property and Evidence, and Analytics. The process also included site visits and reference calls with other agencies. Ultimately, the group reached a consensus that SunGard was the best solution for our agencies. Those that attended the demonstrations, site visits, and spoke with references submitted forced rankings of the four vendors. A weighted ranking giving equal weight to each agency resulted in SunGard being ranked first with 8.47 with the others at 9.61, 10.67, and 11.59 (lowest number is best ranking). A weighted ranking giving equal weight to each work group represented in the evaluation resulted in SunGard being ranked first at 13.13 with the others at 14.50, 14.72, and 15.98 (lowest number is best

ranking). Other factors also became more apparent during the discussion regarding vendors, such as ability to provide support before, during and after implementation. Familiarity with the unique connections and public safety networks in Orange County also was an important factor in order to mitigate the challenges of transitioning from one CAD/RMS to another. Our unique circumstance where we have three Cities and one Dispatch Center made it apparent that choosing a system to meet our requirements meant not only identifying a preferred system, but also avoiding a system which any work group felt they could not utilize well.

The SunGard CAD/RMS is an industry standard, fully-integrated solution that supports day-to-day operations with real-time information and analytics, offering substantially more features than the current system offered by West Covina. The SunGard system will automate mandated state and federal monthly crime statistics and provide accurate records searches. SunGard has been in existence for more than 30 years and has over 520 agencies nationwide, making them an industry leader in public safety software solutions. Their solution supports day-to-day operations with real time information and analytics. SunGard's CAD and RMS has been selected by two nearby law enforcement agencies, Newport Beach and Costa Mesa Police Departments. The \$1,475,100 project budget includes all hardware, software, and implementation costs. West-Comm will bill member cities (based on the current cost sharing allocation) for the project in FY 2016-17, creating the need for the supplemental appropriation.

Estimated Project Costs

Software and Installation	\$789,676
Equipment and Installation	267,175
Personnel Training	265,530
Geographical Information Systems	83,283
Additional FY 2016-17 Operating Costs	56,361
Miscellaneous - Other	13,075
TOTAL	<u>\$1,475,100</u>

Project Funding by Member Agency

City of Cypress (45.3%)	\$668,220
City of Los Alamitos (24.4%)	359,924
City of Seal Beach (30.3%)	446,955
TOTAL	<u>\$1,475,100</u>

On-going costs of approximately \$195,000 (for all three cities) associated with the SunGard CAD/RMS will be included in future West-Comm budgets. These costs will be distributed utilizing the current cost sharing allocation and Los Alamitos' share will be \$49,700. There will be an initial annual cost savings of \$26,300 by Los Alamitos due to no longer having to pay West Covina \$76,000 annually.

On October 10th, the City of Cypress City Council considered and approved their appropriation of money for this project. On October 24th, the City of Seal Beach City

Council will consider their appropriation of money for this project. The West-Comm Board is scheduled to consider awarding the SunGard CAD/RMS contract in November.

The project schedule calls for West-Comm to complete the transition from West Covina to SunGard by the first quarter of 2018.

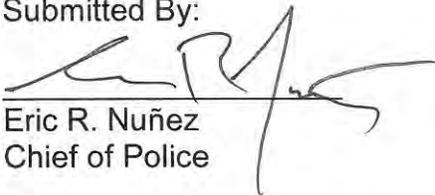
Fiscal Impact

Los Alamitos' share of the CAD/RMS system is \$359,924. The CAD/RMS project's costs were not included in the FY 2016-17 Budget because they were not known with any certainty at the time the budget was prepared.

Sufficient funding to provide for the initial purchase is available in the Police Capital Expenditures Fund. The estimated annual on-going costs to Los Alamitos are projected to decrease by \$26,300 once the transition to SunGard is complete, which will be used to pay back the fund for the cost of the project.

<u>Los Alamitos' Ongoing Annual Costs</u>	<u>Current</u>	<u>Proposed</u>	<u>Difference</u>
West Covina Contract Costs	\$76,000		-\$76,000
West-Comm (SunGard) Annual Costs		\$49,700	\$49,700
TOTAL	\$76,000	\$49,700	(\$26,300)

Submitted By:


Eric R. Nuñez
Chief of Police

Approved By:


Bret M. Plumlee
City Manager

Fiscal Impact Reviewed by:


Jason Al-Imam
Administrative Services Director

City of Los Alamitos

Agenda Report Public Hearing

October 17, 2016
Item No: 9A

To: Mayor Richard D. Murphy and Members of the City Council

Via: Bret M. Plumlee, City Manager

From: Steven A. Mendoza, Development Services Director

Subject: Ordinance No. 2016-05 – A Zoning Ordinance Amendment (ZOA 16-05) Amending the Uses Allowed within the Planned Light Industrial (P-M) Zone

Summary: Continued consideration of changes to uses allowed within the City's Industrial Zone (other zones to follow) as recommended by the Planning Commission during their April 27, 2016 meeting (City initiated). This item was continued from the September 19, 2016 Council meeting.

Recommendations:

1. Continue the Public Hearing; and, if appropriate,
2. Determine that the proposed project is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15061(b)(3) under the general rule that CEQA does not apply to activities which can be seen with certainty to have no effect on the environment; and,
3. Introduce, waive reading in full, authorize reading by title only of Ordinance No. 2016-05, and set for second reading; and,
4. City Attorney Reisman read the title of Ordinance No. 2016-05, entitled, "AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, APPROVING ZONING ORDINANCE AMENDMENT (ZOA) 16-05, THEREBY MAKING CHANGES TO THE TABLE OF ALLOWED USES IN SECTION 17.10.020, TABLE 2-04, SECTION 17.38.140 RELATING TO RECYCLING FACILITIES, AND DEFINITIONS IN CHAPTER 17.76, OF THE LOS ALAMITOS MUNICIPAL CODE (CITY INITIATED)."

Background

On March 1, 2016, the Los Alamitos City Council adopted a resolution directing the Planning Commission to review all uses within all zones beginning with the City's Industrial Zone (P-M). This consideration of Land Uses in all zones will proceed one zone at a time, and began at the March 23, 2016 Planning Commission meeting with the Planned Light Industrial (P-M) Zone (and its overlay zones and Limited Industrial zone) uses. The discussion continued to a Special meeting on April 6, 2016 and then was finalized by the Planning Commission on April 27, 2016.

The City Council opened the Public hearing on this item in its May 16, 2016 meeting and indefinitely continued the Public hearing to a later date. At the September 19, 2016 City Council meeting, per City Council request, the item was presented again with the Planning Commission's recommendation concerning the changes to uses in the P-M zone. The City Council continued the Public Hearing to tonight's meeting for further discussion, and further clarification of the changes in the Land Use Table.

Discussion

Staff made changes to the table following the meeting. Attached is a draft Ordinance which includes an expanded 11" x 17" modified use table as Exhibit A. The four most talked about uses (Warehousing, Wholesaling & Distribution, Vehicle and Freight Terminal, and Recycling Facilities) are at the top of the table, and other columns are added for table notes, code definitions, Planning Commission thoughts, and Staff thoughts. Please note that each individual change was not researched. Staff recommends doing a well-researched overhaul of the code using an outside Consultant.

Three areas of detailed study are needed for this research, which are normally accomplished over a long period of time. These three areas are Economic, Equity, and Environment. These "3 E's" should be seen through the filter of a good understanding of these important considerations for a healthy, sustainable city. The City of Los Alamitos needs a prosperous economy, a quality environment, and social equity.

General Plan Discussion

How do these changes fall in line with the City's General Plan? Here is the definition of Planned Industrial from the General Plan: "Light industrial, manufacturing, and office park uses such as research and development, manufacturing, boat building, appliance repair and service, plastic fabrication, and printing plants. Commercial recreation uses are not permitted." Here is the definition of Limited Industrial from the General Plan: "All uses permitted in Planned Industrial as well as commercial recreation uses within industrial buildings such as soccer, gymnastics, archery, indoor health/fitness, and batting cages."

As the General Plan states in its Economic Strategies section, "To realize the economic vision, the City may pursue a variety of strategies, and, over time, these strategies may

change to reflect changing conditions... Through future economic development strategic plans, the City may identify and implement different strategies.” One of those strategies is to maintain Industrial Uses. Here is what that strategy says:

“Industrial businesses are an important component of the local economy. The economic analysis conducted for the General Plan suggested that these businesses will likely remain viable and continue contributing more to municipal revenues than they require in public services.

To maintain the integrity of industrial areas and the attractiveness of Los Alamitos as a place for industrial businesses to operate, the General Plan incorporates several approaches. Most of the existing industrial uses are in two quarter-sections north of Katella Avenue and east of Los Alamitos Boulevard, but two other industrial areas are west of Los Alamitos Boulevard. The General Plan clearly delineates the area that is intended to accommodate industrial businesses over the long term.

The General Plan seeks to limit non-industrial businesses in the primary industrial areas. Accordingly, the General Plan provides a new land use designation (Limited Industrial) to allow some flexibility for these non-industrial uses outside of the primary industrial area, while prohibiting certain non-industrial businesses in the Planned Industrial land use designation.

Additionally, most relocating industrial businesses are seeking a new location to expand their production to accommodate a new contract or a new product line. For these businesses, time is of the essence. A three-month or longer process to obtain a conditional use permit or other discretionary review can be a deal killer. Although the General Plan update does not affect the existing zoning requirements, future efforts may explore the role of discretionary permit reviews for industrial uses. The intent would be to streamline the process to the degree feasible while maintaining protections for the community’s quality of life.”

Here are some of the General Plan actions toward the strategy for maintaining the Industrial zones:

Land Use Element

Policy 2.2 Mix of land uses. Maintain a balanced mix of residential, retail, employment, industrial, open space, and public facility land uses.

Goal 3 Commercial, office, and industrial opportunities that maintain compatibility with surrounding neighborhoods, businesses, and public facilities.

Action 3.1 Compatibility criteria. Revise the zoning ordinance as necessary with compatibility criteria, including aesthetic standards and noise and traffic thresholds, to minimize adverse impacts from commercial and industrial operations.

Action 3.4 Alternative zoning options for commercial and industrial uses. Identify commercial and industrial uses that may be inappropriate in areas adjoining residential zoning and revise the zoning ordinance to accommodate such uses in other areas.

Economic Element

Policy 2.1 Employment-generating uses. Maintain the integrity of office, industrial, and medical overlay areas and protect these areas from encroachment by other uses.

Notification

This continued Public hearing was re-noticed in the News Enterprise on September 7, 2016 for a September 19, 2016 meeting. The notice was mailed to all property owners and tenants in and within 500 feet of the Planned Light Industrial Zone on September 7th, 2016. The September 19, 2016 Public Hearing was continued to the October 17, 2016 meeting.

In response to the proposed change of uses, the City has received various correspondences.

- Correspondence from Ron Robertson – Grating Pacific (Attachment 2).
- Also, this month, Jimmy Cleland of Cleland Sales Corporation sent Staff a letter requesting that the Council consider other changes to the Planned Light Industrial (P-M) uses, while the Council discusses the larger picture for the Zone. This letter is attached to this report (Attachment 3).
- Correspondence from *Manatt, Phelps & Phillips* on behalf of Arrowhead Products (Attachment 4).

Fiscal Impact

None.

Submitted By:



Steven A. Mendoza
Development Services Director

Approved By:



Bret M. Plumlee
City Manager

- Attachments:*
1. Ordinance No. 2016-05, with Exhibit A relating to land use and definitions
 2. Correspondence from Ron Robertson – Grating Pacific
 3. Correspondence from James Cleland – Cleland Sales Corporation
 4. Correspondence from Manatt, Phelps & Phillips on behalf of Arrowhead

ORDINANCE NO. 2016-05

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, APPROVING ZONING ORDINANCE AMENDMENT (ZOA) 16-05, THEREBY MAKING CHANGES TO THE TABLE OF ALLOWED USES IN SECTION 17.10.020, TABLE 2-04, SECTION 17.38.140 RELATING TO RECYCLING FACILITIES, AND DEFINITIONS IN CHAPTER 17.76, OF THE LOS ALAMITOS MUNICIPAL CODE (CITY INITIATED)

WHEREAS, the City Council is interested in reevaluating Chapter 17 of the Los Alamitos Municipal Code as it relates to uses in all zones; and,

WHEREAS, Los Alamitos Municipal Code Section 17.70.020 requires that the City Council begin this process through adopting a Resolution of Intention; and,

WHEREAS, the City Council considered this item on March 1, 2016 and resolved to initiate consideration of a City-initiated Zoning Ordinance Amendment incorporating code changes concerning All Uses in All Zones and will direct the Planning Commission to begin wording of the amendments; and,

WHEREAS, the Planning Commission considered all applicable Staff reports, all public testimony, and evidence presented at a duly noticed Public hearing concerning this Amendment on March 23, 2016 which hearing was continued to a Special Meeting on April 6, 2016 at which the Public hearing was continued to April 27, 2016; and,

WHEREAS, on April 27, 2016, the Planning Commission held the continued Public hearing; and,

WHEREAS, at that meeting the Planning Commission adopted Resolution No. 16-07, recommending that the City Council approve this Ordinance as it is in the best interest of the citizens of Los Alamitos to eliminate the specified industrial uses from the City in order to make it a better place to live; and,

WHEREAS, the City Council considered all applicable Staff reports, all public testimony, and evidence presented at a duly noticed Public hearing concerning this Amendment on May 16, 2016 which hearing was continued to September 19, 2016, then continued to October 17, 2016, and there scheduled for a second reading of the ordinance on November 21, 2016; and,

WHEREAS, after consideration of all applicable Staff reports and all public testimony and evidence presented at the Public hearings, the City Council does hereby make the following findings for the changes to Title 17 of the Los Alamitos Municipal Code as set forth in this Ordinance:

1. The proposed amendments ensure and maintain internal consistency with the actions, goals, objectives, and policies of the General Plan, and would not create any inconsistencies with this zoning code. General Plan Goal 3 asks that the City strive for Commercial, office, and industrial opportunities that maintain compatibility with surrounding neighborhoods, businesses, and public facilities, and these changes will serve to improve that compatibility and make Los Alamitos a better place to live; and,
2. The proposed amendments would not be detrimental to the public convenience, health, interest, safety, or welfare of the City. The exercise of creating these amendments to the code is intended to improve the convenience, health, interest, safety, and welfare of the City by elimination of certain industrial uses that are not desired in the City; and,
3. It has been determined that the proposed project is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15061(b)(3) under the general rule that CEQA does not apply to activities which can be seen with certainty to have no effect on the environment.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Los Alamitos Municipal Code Section 17.10.020, Table 2-04, is hereby amended as shown in Exhibit A, attached hereto and incorporated herein by reference.

SECTION 2. Section 17.38.140 (***Recycling facilities***) of the Los Alamitos Municipal Code is hereby amended to read as follows:

Recycling facilities may be allowed in the commercial and industrial zoning districts, subject to the provisions in this section.

- A. Reverse Vending Machines. Reverse vending machines located within a commercial structure do not require discretionary permits.
- B. Reverse vending machines located outside a commercial structure shall be established in conjunction with a commercial use or community service facility that is in compliance with the zoning, building, and fire codes of the city. Reverse vending machines shall only be allowed for beverage container convenience zone collection centers, subject to a conditional use permit.
 1. Reverse vending machines shall be located within thirty (30) feet of the entrance to the commercial structures and shall not obstruct pedestrian or vehicular circulation.

2. Reverse vending machines shall be constructed and maintained with durable, waterproof, and rustproof material and maintained in a clean, litter-free condition on a daily basis.
3. Reverse vending machines shall be clearly marked to identify the type of material to be deposited, operating instructions, and the identity and phone number of the operator or responsible person to call if the machine is inoperative.

C. Small Collection Facilities. Small collection facilities may be sited in commercial and industrial zoning districts with the approval of both a site plan review and conditional use permit by the commission. Such facilities shall only be allowed for beverage container convenience zone collection centers.

1. Small collection facilities shall be established in conjunction with an existing commercial or community service facility that is in compliance with the planning, building, and fire codes of city.
2. Small collection facilities shall be no larger than five hundred (500) square feet, not including space that will be periodically needed for removal of materials or exchange of containers. Occupation of parking spaces by the facility and the attendant may not reduce the available parking spaces below the minimum number required for the primary use.
3. Additional parking spaces shall not be required for customers of a small collection facility located in an established parking parcel, except that one space shall be provided for the attendant.
4. Small collection facilities shall be set back at least ten (10) feet from property lines and shall not obstruct pedestrian or vehicular circulation.
5. Small collection facilities shall accept only glass metals, plastic containers, papers, and reusable items. Used motor oil containers may be accepted with the approval of the local public health official.
6. Small collection facilities shall use no power driven processing equipment, except for reverse vending machines.
7. Containers shall be used that are constructed and maintained with durable waterproof and rustproof materials, covered when the site is not attended, secured from unauthorized entry or removal of material, and shall be of a capacity sufficient to accommodate materials collected and collection schedule.
8. Recyclable material shall be stored in containers or in the mobile unit vehicle, and materials shall not be left outside of containers when attendant is not present.
9. The site shall be maintained free of litter and other undesirable materials, and mobile facilities, at which truck or containers are

removed at the end of each collection day, and shall be swept at the end of each collection day.

10. Attended facilities located within one hundred (100) feet of a property zoned or occupied for residential use shall operate only during the hours between nine a.m. and seven p.m.
11. Containers for the twenty-four (24) hour donation of materials shall be at least one hundred (100) feet from any property zoned or occupied for residential use unless there is a recognized service corridor and acoustical shielding between the containers and the residential use.
12. Containers shall be clearly marked to identify the type of material which may be deposited; the facility shall be marked clearly to identify the name and telephone number of the facility operator and the hours of operation, and display a notice stating that no material shall be left outside the recycling enclosure or containers.

SECTION 3. The definitions from Section 17.76.020 of the Los Alamitos Municipal Code will be included if approved, incorporated herein by reference and amended as set forth therein.

SECTION 4. Notwithstanding any other ordinance of the City to the contrary regarding nonconforming uses, a use which was legally established but which has been eliminated from the allowed uses may remain in existence indefinitely and such use may be allowed to change name or ownership. However, such use may not be expanded in any manner nor may a less intense non-conforming use be substituted for such use.

SECTION 5. The City Clerk shall certify as to the adoption of this Ordinance and shall cause a summary thereof to be published within fifteen (15) days of the adoption and shall post a Certified copy of this Ordinance, including the vote for and against the same, in the Office of the City Clerk, in accordance with Government Code Section 36933.

SECTION 6. This Ordinance shall take effect thirty days after approval as provided in Government Code Section 36937.

SECTION 7. Staff is hereby directed to file a Categorical Exemption from CEQA with the County Clerk's office.

PASSED, APPROVED AND ADOPTED This 21st day of November, 2016.

Richard D. Murphy, Mayor

ATTEST:

Windmera Quintanar, City Clerk, CMC

APPROVED AS TO FORM:

Cary Reisman, City Attorney

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss.
CITY OF LOS ALAMITOS)

I, Windmera Quintanar, City Clerk of the City of Los Alamitos, do hereby certify that the foregoing Ordinance No. 2016-05 was duly introduced and placed upon its first reading at a regular meeting of the City Council on the 17th day of October, 2016, and that thereafter, said Ordinance was duly adopted and passed at a regular meeting of the City Council on the 21st day of November, 2016, by the following vote, to wit:

AYES: COUNCIL MEMBERS:

NOES: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

Windmera Quintanar, City Clerk, CMC

Exhibit A

Modifications made by Planning Commission are represented in red.

Table 2-04

Allowed Uses and Permit Requirements for Commercial/Industrial Zoning Districts

Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	P Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
	C-O	C-G	P-M	L-I					
Warehousing	---	---	---P	---P			"Warehousing" means facilities for the storage of farm products, furniture, household goods, or other commercial goods. Includes cold storage. Does not include: warehouse, storage or mini-storage facilities offered for rent or lease to the general public (see "Storage, personal storage facilities"); warehouse facilities in which the primary purpose of storage is for wholesaling and distribution (see "Wholesaling and distribution"); or terminal facilities for handling freight (see "Vehicle and freight terminals").	Not allowed because of trucks. Not allowed as a primary use only.	Staff suggest defining into Small, Medium and Large Warehouses
Wholesaling & distribution- <u>as a primary use</u>	---	---	---P	---P			"Wholesaling and distribution" means establishments engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional business users; or to other wholesalers, acting as agents or brokers in buying merchandise or selling merchandise to persons or companies. Includes: 1. Agents, merchandise or commodity brokers, and commission merchants; 2. Assemblers, buyers and associations engaged in the cooperative marketing of farm products; 3. Merchant wholesalers; 4. Stores primarily selling electrical, plumbing, heating and air conditioning supplies and equipment.	Made into a section heading.	Staff suggest defining into Small, Medium and Large Warehouses
• <u>Food Products</u>	---	---	P CUP	P CUP			"Food products wholesaling and distribution" means food product establishments engaged in selling food to retailers; to industrial, commercial, or institutional users; or to other food wholesalers, acting as agents or brokers in buying or selling food products."	CUP. Added because of conversation over "Frieda's."	
• <u>Less than 10,000 SF, other than food products</u>	---	---	CUP	CUP				CUP	Staff supports if other uses were defined by size
• <u>Greater than 10,000 SF, other than food products</u>	---	---	---	---				Not allowed, because of trucks.	Staff supports of other uses were defined by size.
Vehicle and freight terminal	---	---	---CUP	---CUP			"Vehicle and freight terminals" means establishments engaged in furnishing services incidental to air, motor freight, and rail transportation including: 1. Freight forwarding services; 2. Freight terminal facilities; 3. Joint terminal and service facilities; 4. Packing, crating, inspection and weighing services; 5. Postal service bulk mailing distribution centers;		

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	C-O	C-G	P-M	L-I					
	P Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
Recycling facilities	P	P	P ---	P ---	17.38.140		6. Transportation arrangement services; 7. Truck stops, including transfer and storage. <u style="color: red;">New code section to be added:</u> Recycling Facilities. This land use type includes a variety of facilities involved with the collection, sorting, and processing of recyclable materials. A recycling facility does not include storage containers located on a residentially, commercially or industrially designated site used solely for the recycling of material generated on the site. 1. "Beverage Container Convenience Zone Collection Center" means a collection facility certified by the State pursuant to the California Beverage Container Recycling and Litter Reduction Act of 1986. 2. "Collection facility" means a center where the public may donate, redeem or sell recyclable materials, which may include the following: a. Reverse vending machine(s). "Reverse vending machine" means an automated mechanical device which accepts at least one or more types of empty beverage containers and issues a cash refund or a redeemable credit slip with a value not less than the container's redemption value, as determined by state law. These vending machines may accept aluminum cans, glass and plastic bottles, and other containers; b. Small collection facilities which is a collection facility that occupies an area of five hundred (500) square feet or less and may include: i. A mobile unit, ii. Bulk reverse vending machines. A "bulk reverse vending machine" is a reverse vending machine that is larger than fifty (50) square feet, is designed to accept more than one container at a time, and issues a cash refund based on total weight instead of by container, iii. A grouping of reverse vending machines occupying more than fifty (50) square feet, and iv. Kiosk-type units that may include permanent structures; c. Large collection facilities which is collection facility that occupies an area of more than five hundred (500) square feet. 3. "Mobile recycling unit" means an automobile, truck, trailer, or van used for the collection of recyclable materials, carrying bins,	Changed to fit current State Requirements. Broken out into more types.	This heading and the following terms are recommendations based on research conducted by the Assistant City Attorney.

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Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	C-O	C-G	P-M	L-I					
	P Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
							boxes, or other containers. 4. "Processing facility" means a structure or enclosed space used for the collection and processing of recyclable materials for shipment, or to an end-user's specifications, by such means as baling, briquetting, cleaning, compacting, crushing, flattening, grinding, mechanical sorting, remanufacturing and shredding. Processing facilities include the following types, both of which are included under the definition of "Recycling facilities—Scrap and dismantling yards:" a. Light processing facility occupies an area of under forty-five thousand (45,000) square feet of collection, processing and storage area, and averages two outbound truck shipments each day. Light processing facilities are limited to baling, briquetting, compacting, crushing, grinding, shredding and sorting of source separated recyclable materials sufficient to qualify as a certified processing facility. A light processing facility shall not shred, compact, or bale ferrous metals other than food and beverage containers; and b. A heavy processing facility is a processing facility other than a light processing facility. 5. "Scrap and dismantling yards" means outdoor establishments primarily engaged in assembling, breaking up, sorting, and the temporary storage and distribution of recyclable or reusable scrap and waste materials, including auto wreckers engaged in dismantling automobiles for scrap, and the incidental wholesale or retail sales of parts from those vehicles. Includes light and heavy processing facilities for recycling (see the definitions above). Does not include junk or salvage yards ("Junk and salvage yards"); places where these activities are conducted entirely within structures; pawnshops ("Pawnshops") and other secondhand stores ("Secondhand/consignment stores"); the sale of operative used cars; or landfills or other waste disposal sites.		
<ul style="list-style-type: none"> Outdoor reverse vending machine for beverage container convenience 			CUP	CUP				Make CUP.	

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	C-O	C-G	P-M	L-I					
	P Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
<u>zone collection center only (24)</u>									
• <u>Small collection facilities, for beverage container convenience zone collection center only</u>			CUP	CUP				Made CUP.	
• <u>Large collection facility</u>			---	---				Changed to "not allowed."	
• <u>Processing facility</u>			---	---				Changed to "not allowed."	
• <u>Scrap and dismantling yards</u>			---	---				Changed to "not allowed."	
<u>Rubber products</u>	---	---	P---(11)	P---(11)		(11) Provided that no rubber is melted, that an internal mixer is		Changed to "not allowed."	

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Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	P Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
	C-O	C-G	P-M	L-I					
					used and that the residue is collected in compliance with applicable law. [Deleted]				
Offices, administrative or professional	P	P (6)	CUP (20)(21)	CUP (20)(21)			<p>Office, Administrative. "Administrative office" means a workplace for the rendering of a service or general management of a business.</p> <p>Office, Professional. "Professional office" means a room, a suite of rooms or a portion of a structure used to conduct a business having limited conduct with the public (e.g., accountant, architect, attorney, chiropractor, optician, engineer, surveyor, drafting office, dentist, doctor, physical therapist or similar profession, etc.). Merchandise shall not be sold on the premises, except as are incidental or accessory to the primary allowed use. See also "Medical services - clinics, offices and laboratories."</p>		
Aircraft and related aircraft accessories manufacturing	—	—	P	P			<p>"Aircraft and related aircraft accessories manufacturing" means establishments engaged in one or more of the following: (1) manufacturing or assembling complete aircraft; (2) developing and making aircraft prototypes; (3) aircraft conversion (i.e., major modifications to systems); and (4) complete aircraft overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).</p>	Can be heavy industrial, so made CUP, placed under manufacturing.	
Carpet and dyeing plants	---	---	P ---	P ---			<p>"Carpet cleaning and dyeing plants" means establishments primarily engaged in cleaning and dyeing rugs, carpets, and upholstery.</p>	Changed to "not allowed."	
Ceramics manufacturing	—	—	P	P			<p>"Ceramics manufacturing" means establishments primarily engaged in shaping, molding, baking, burning, or hardening ceramic tile, porcelain parts, structural clay tile, brick, and other structural clay building materials.</p>	Not allowed, and move under manufacturing. Trucks involved.	
Clothing manufacturing	—	—	P	P			<p>"Clothing manufacturing" means manufacturing establishments producing clothing, and fabricating draperies and other related products by cutting and sewing purchased textile fabrics, and related materials including furs, leather, plastics, and rubberized fabrics. Custom tailors and dressmakers not operating as a factory and not located on the site of a clothing store ("Retail sales, general") are instead included under "Personal services."</p>	Made CUP, and moved to manufacturing.	
Cutlery and handtool manufacturing	—	—	P	P			<p>"Cutlery and handtool manufacturing" means establishments primarily engaged in one or more of the following: (1) manufacturing metal cutlery, flatware; kitchen utensils, pots and pans; or (2) manufacturing nonpowered hand and edge tools.</p>	Moved to manufacturing. It is heavier manufacturing. CUP for P-M and not allowed for L-I.	
Frozen food locker	—	—	P ---	P ---			<p>"Frozen food locker" means refrigerated warehousing and storage facilities. The services provided by these establishments include blast freezing, tempering, and modified atmosphere storage services.</p>	Changed to "not allowed." Brings in trucks.	
Furniture and fixtures manufacturing, cabinet	—	—	P	P			<p>"Frozen food locker" means refrigerated warehousing and storage facilities. The services provided by these establishments include blast freezing, tempering, and modified atmosphere storage services.</p>	Too many trucks. Moved to manufacturing and made CUP.	

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Allowed Uses and Permit Requirements for Commercial/Industrial Zoning Districts

Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	P Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
	C-O	C-G	P-M	L-I					
Shops, and woodworking shops (wholesale only)							"Woodworking shop" means establishments engaged in building, making or carving something using wood. See also "Furniture and fixtures manufacturing, cabinet shops."	Combined with Shops, and woodworking shops. Combined with above.	
Hazardous waste facility, off-site	---	---	CUP	CUP ---	17.36		Hazardous Waste Facility, Off-Site. "Off-site hazardous waste facility" means a facility that serves more than one producer of hazardous waste and is used for the treatment, transfer, storage, resource recovery, disposal, or recycling of hazardous waste including but not limited to: 1. Incineration facility (e.g., rotary kiln, fluid bed, etc.); 2. Residual repository (receives only residuals from hazardous waste treatment facilities); 3. Stabilization/solidification facilities; 4. Chemical oxidation facilities; 5. Neutralization/precipitation facilities; or 6. Transfer/storage facilities.	Not allowed in L-I zone. The State requires that the City allow it in one zone.	
Ice and cold storage	---	---	P CUP?????? ??	P ---			"Ice and cold storage plant" means a warehouse facility or a location for food processing operations that may be available to rent or lease for processing inventories of other companies. These facilities may also produce ice.	Changed to "not allowed." Trucks involved.	
Laboratories							Laboratory, Biological and X-ray. "Biological and x-ray laboratory" means an establishment providing analytical, experimental, photographic, research, or testing (e.g., chemical, physical, etc.) services. Laboratory, Medical and Dental. "Medical and dental laboratory" means an establishment providing medical or dental laboratory services. See also "Medical services – clinics, offices and laboratories." Laboratory, Film Processing. "Film processing laboratory" means an establishment engaged in developing film and/or making photographic slides, prints, and enlargements. Does not include "one-hour" photofinishing shops. See "Photofinishing shops."	Section heading.	
• Research and development			P	P			"Research and development" means indoor facilities for scientific research, and the design, development and testing of electrical, electronic, magnetic, optical and mechanical components in advance of product manufacturing, that are not associated with a manufacturing facility on the same site. Includes chemical and biotechnology research and development. Does not include computer software companies, soils and other materials testing laboratories, or medical laboratories (see "Medical services - Clinics, offices and laboratories").	Added after conversation with Bill Budge about uses he has in the building at the northeast corner of Katella and Noel.	
Laundries and dry cleaning plants	---	P	P ---	P ---			"Laundries and drycleaning plants" means establishments engaged in high volume laundry and garment cleaning services, including: power laundries; garment pressing and dry cleaning; linen supply; diaper service; industrial laundries; carpet and upholstery cleaners. Does not include coin-operated laundries ("laundromat") or dry cleaning drop-off/pick-up stores ("personal services") without dry cleaning equipment.	Changed to "not allowed."	

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Table 2-04

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Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	Permitted use								
	C-O	C-G	P-M	L-I					
	P Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
<u>Manufacturing and Fabrication</u>						"Manufacturing" means establishments engaged in the mechanical, physical, or chemical conversion of substances, components, or raw materials to a product, including fabrication and assembly. "Manufacturing" as a use does not include industrial facilities that are separately listed within this code.	Made new section for all types of manufacturing.		
• <u>Aerospace related accessories</u>			CUP	CUP		<u>"Aerospace related accessories manufacturing" means an establishment engaged in fabricating, manufacturing, and/or assembling aerospace and spacecraft systems and components, including related machine shops, plating shops, sheet metal shops, spray-painting shops, model shops, and plastics shops.</u>	Added use after discussion with Bill Budge about Alliance Space Systems. Made CUP.	Deleted: D	Deleted: defined
• Aircraft and related aircraft accessories manufacturing	---	---	P ---	P ---		"Aircraft manufacturing" means establishments engaged in one or more of the following: (1) manufacturing or assembling complete aircraft; (2) developing and making aircraft prototypes; (3) aircraft conversion (i.e., major modifications to systems); and (4) complete aircraft overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).	Changed to "not allowed."	Deleted: and related aircraft accessories	
• <u>Aircraft related accessories</u>	---	---	CUP	CUP		<u>"Aircraft related accessories manufacturing" means an establishment engaged in fabricating, manufacturing, and/or assembling of aircraft associated systems and components, including related machine shops, plating shops, sheet metal shops, spray-painting shops, model shops, and plastics shops.</u>	This use also added after discussion with Bill Budge about Alliance Space Systems. Made CUP.		
• Ceramics	---	---	P ---	P ---		"Ceramics manufacturing" means establishments primarily engaged in shaping, molding, baking, burning, or hardening ceramic tile, porcelain parts, structural clay tile, brick, and other structural clay building materials.	Moved to manufacturing, and Changed to "not allowed."		
• Clothing	---	---	P CUP	P CUP		"Clothing manufacturing" means manufacturing establishments producing clothing, and fabricating draperies and other related products by cutting and sewing purchased textile fabrics, and related materials including furs, leather, plastics, and rubberized fabrics. Custom tailors and dressmakers not operating as a factory and not located on the site of a clothing store ("Retail sales, general") are instead included under "Personal services."	Moved to manufacturing and made CUP.		
• Cutlery and handtools	---	---	P CUP	P ---		"Cutlery and handtool manufacturing" means establishments primarily engaged in one or more of the following: (1) manufacturing metal cutlery, flatware; kitchen utensils, pots and pans; or (2) manufacturing nonpowered hand and edge tools.	Moved to manufacturing and made a CUP.		
• <u>Electronics</u>			CUP	CUP		<u>"Electronics manufacturing" means an establishment engaged in fabricating, manufacturing, and/or assembling of electronic systems and components.</u>			
• Food products			P CUP (7)	P CUP (7)	(7) Excluding fish and meat products, sauerkraut, vinegar, yeast or any other foods that could cause unpleasant fumes or odors to be emitted and the rendering or	"Food products manufacturing" means manufacturing establishments producing or processing foods and beverages for human consumption, and certain related products. Includes: 1. Bakeries; 2. Bottling plants; 3. Breweries; 4. Candy, sugar and confectionery products manufacturing; 5. Coffee roasting; 6. Dairy products manufacturing;	Made CUP in discussion of "Frieda's."		

Exhibit A

Modifications made by Planning Commission are represented in red.

Table 2-04

Allowed Uses and Permit Requirements for Commercial/Industrial Zoning Districts

Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	P Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
	C-O	C-G	P-M	L-I					
					refining of fats and oils	7. Gelatin processing, packaging or treating; 8. Fruit and vegetable canning, preserving, related processing; 9. Juice processing, packaging or treating; 10. Grain mill products and by-products; 11. Meat, poultry, and seafood canning, curing, byproduct processing; 12. Soft drink production; 13. Miscellaneous food item preparation from raw products. May include incidental tasting and accessory retail sales of products produced on-site.			
<ul style="list-style-type: none"> Furniture and fixtures, <u>cabinet shops and woodworking shops</u> 	---	---	P CUP	P CUP		"Furniture and fixtures manufacturing, cabinet shops, and woodworking shops" means manufacturing establishments that produce wood and metal household furniture and appliances; bedsprings and mattresses; office furniture and partitions, lockers, shelving and store furniture; and miscellaneous drapery, hardware, window blinds, and shades. Also includes wood and cabinet shops, but not sawmills or planing mills.	Moved to Manufacturing, and made CUP.		
<ul style="list-style-type: none"> <u>Medical device</u> 			CUP	CUP		<u>"Medical device manufacturing" means the manufacture or assembly of devices and instruments used in or for medical procedures.</u>			
<ul style="list-style-type: none"> Metal working, light fabrication 	---	---	P	P CUP		"Metal working/fabrication" means an establishment engaged in the assembly and/or fabrication of metal parts, including blacksmith and welding shops, machine shops, sheet metal shops, and boiler shops, that produce metal duct work, cabinets and enclosures, metal doors and gates, tanks, towers, and similar products. Also see "Machine shop" and "Welding service."	Move to Manufacturing. CUP for L-I.		
<ul style="list-style-type: none"> Motor vehicle/transportation equipment manufacturing and assembly 	---	---	P CUP	P CUP		"Motor vehicle/transportation equipment manufacturing and assembly" means establishments primarily engaged in manufacturing or assembling complete equipment for transporting people and goods. Includes: passenger automobiles, trucks, commercial cars and buses, special purpose motor vehicles (e.g., auto trailers, campers, recreational vehicles, etc.), chassis or passenger car bodies, boat building, motorcycle building, and related incidental parts manufacturing.	Made CUP, and moved to manufacturing.		
<ul style="list-style-type: none"> Paper products fabrication 	---	---	P	P CUP		"Paper product fabrication" means establishments primarily engaged in converting paper or paperboard without manufacturing the paper or paperboard. Includes: envelope manufacturing, converted paper products, paper coating and glazing, paper bags, assembly of paperboard boxes, wallpaper. Includes paper bags, boxes, envelopes, wallpaper, etc.	CUP in L-I. Moved to manufacturing.		
<ul style="list-style-type: none"> Plastic products fabrication 	---	---	P CUP	P CUP		"Plastic products fabrication" means establishments primarily engaged in processing new or spent (i.e., recycled) plastics resins into miscellaneous intermediate or final plastic products or engaged in foam plastics fabrication, using such processes as compression molding; extrusion molding; injection molding; blow molding; and casting.	Moved to manufacturing. Made CUP.		
<ul style="list-style-type: none"> Textile 	---	---	P CUP	P CUP		"Textile manufacturing" means manufacturing establishments engaged in performing the following operations: 1. Coating, waterproofing, or otherwise treating fabric; 2. Dyeing and finishing fiber, yarn, fabric, and knit apparel; 3. Manufacture of knit apparel and other finished products from yarn; 4. Manufacture of felt goods, lace goods, non-woven fabrics and miscellaneous textiles; 5. Manufacturing of woven fabric, carpets and rugs from yarn.	Moved to manufacturing and made CUP.		

Exhibit A

Modifications made by Planning Commission are represented in red.

Table 2-04

Allowed Uses and Permit Requirements for Commercial/Industrial Zoning Districts

Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	Permitted use CUP Conditional use permit required — Use not allowed TUP Temporary use permit AUP Administrative use permit								
	C-O	C-G	P-M	L-I					
						6. Preparation of fiber and subsequent manufacturing of yarn, threads, braids, twine cordage. Through Lot. See "Lot, through."			
Metal plating	---	---	P ---	P ---		"Metal plating" means and includes: chromium plating, electroplating and galvanizing. Establishments primarily engaged in one or more of the following: 1. Hot Dip Galvanizing. Coating (iron or steel) with zinc; 2. Powder Coating. Coating metals and metal products by means of a polymeric coating deposited via electrostatic attraction; 3. Covering Metal. Mechanically, chemically, or electrically covering metal with an adherent layer; or 4. Other Surfacing. Providing other metal surfacing services for the trade.	Changed to "not allowed."		
Metal working, light fabrication	---	---	P	P		"Metal working/fabrication" means an establishment engaged in the assembly and/or fabrication of metal parts, including blacksmith and welding shops, machine shops, sheet metal shops, and boiler shops, that produce metal duct work, cabinets and enclosures, metal doors and gates, tanks, towers, and similar products. Also see "Machine shop" and "Welding service."	Move to Manufacturing. CUP for L-I.		
Motor vehicle/transportation equipment manufacturing and assembly	---	---	P	P		"Motor vehicle/transportation equipment manufacturing and assembly" means establishments primarily engaged in manufacturing or assembling complete equipment for transporting people and goods. Includes: passenger automobiles, trucks, commercial cars and buses, special purpose motor vehicles (e.g., auto trailers, campers, recreational vehicles, etc.), chassis or passenger car bodies, boat building, motorcycle building, and related incidental parts manufacturing.	Make CUP.		
Paint mixing	---	---	P CUP (9)	P CUP (9)		"Paint mixing" means establishments primarily engaged in mixing pigments, solvents, and binders into paints and other coatings, such as stains, varnishes, lacquers, enamels, shellacs, and water repellent coatings for concrete and masonry.	Made CUP.		
Paper products fabrication	---	---	P	P		"Paper product fabrication" means establishments primarily engaged in converting paper or paperboard without manufacturing the paper or paperboard. Includes: envelope manufacturing, converted paper products, paper coating and glazing, paper bags, assembly of paperboard boxes, wallpaper. Includes paper bags, boxes, envelopes, wallpaper, etc.	CUP in L-I. Moved to manufacturing.		
Plastic products fabrication	---	---	P	P		"Plastic products fabrication" means establishments primarily engaged in processing new or spent (i.e., recycled) plastics resins into miscellaneous intermediate or final plastic products or engaged in foam plastics fabrication, using such processes as compression molding; extrusion molding; injection molding; blow molding; and casting.	Moved to manufacturing. CUP.		
Pottery manufacturing	---	---	CUP	CUP		"Pottery manufacturing" means establishments primarily engaged in manufacturing china and earthenware table and kitchen articles, bathroom accessories (e.g., faucet handles, towel bars, and soap dishes, etc.), plumbing fixtures, art and ornamental items, and similar vitreous china, fine earthenware, stoneware, coarse earthenware, and pottery products	Moved to manufacturing.		
Printing and publishing	---	---	P CUP	P CUP			Made CUP. Public has had concerns in past and would like for Planning Commission to look at it.		

Exhibit A

Modifications made by Planning Commission are represented in red.

Table 2-04

Allowed Uses and Permit Requirements for Commercial/Industrial Zoning Districts

Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	Permitted use								
	C-O	C-G	P-M	L-I					
							"Research and development" means a process of experimentation, whereby a product is designed, manufactured, tested and refined. "Research and development" does not include the general or mass production of the product.		
Sign manufacturing	---	---	P	P			"Sign manufacturing" means establishments engaged in manufacturing signs and related displays. Includes production of signs that use electrical power.	Moved to manufacturing.	
Textile manufacturing	---	---	P	P			"Textile manufacturing" means manufacturing establishments engaged in performing the following operations: 1. Coating, waterproofing, or otherwise treating fabric; 2. Dying and finishing fiber, yarn, fabric, and knit apparel; 3. Manufacture of knit apparel and other finished products from yarn; 4. Manufacture of felt goods, lace goods, non-woven fabrics and miscellaneous textiles; 5. Manufacturing of woven fabric, carpets and rugs from yarn. 6. Preparation of fiber and subsequent manufacturing of yarn, threads, braids, twine cordage.	Moved to manufacturing, and made CUP.	
Underground bulk storage of petroleum or gas, as an accessory use only	---	---	CUP	CUP			"Underground bulk storage" means a storage tank facility designed and constructed to store large quantities of petroleum or gas underground. May be integral part of oil and gas networks and may include oil and gas pipelines, mains, pumping stations, etc.	Only as an ancillary use.	
Gas/fueling stations	CUP	CUP	--- CUP (13)	--- CUP (13)			"Gas/fueling station" means retail sales facility for the fueling of gasoline-powered and electric vehicles. Facilities where other vehicle services are also provided are classified under "Motor vehicle services, service stations."	Not allowed from P-M and L-I.	
Lumber yards as a primary use, excluding milling, planing mills excluded	---	---	P	P			Lumber Yards, Retail and Wholesale. "Retail and wholesale lumber yards" mean establishments engaged in selling lumber and other building materials (e.g., brick, tile, cement, insulation, roofing materials, etc.). Other building materials such as plumbing supplies, electrical supplies, paint, glass, hardware, and wallpaper are allowed but are considered incidental to lumber yard sales. See also "Building materials stores" and "Outdoor retail sales and activities."	Through a conversation over Ganahl's business, "lumber yards as primary use, excluding milling" was added, "planing mills are excluded" was deleted.	
Health facilities, therapy and rehabilitation	P	P (5)	--- CUP	---			"Health/fitness facilities/spas" means fitness centers, gymnasiums, health and athletic clubs including indoor sauna, spa or hot tub facilities; indoor tennis, handball, racquetball, and other indoor sports activities.	P-M to require CUP.	
Moving companies, storage allowed	---	---	--- CUP	--- CUP			"Moving company" means an establishment that moves the possessions of a family or business from one site to another. The company may also provide storage, or incidental sales of moving supplies.	Trucks, Changed to "not allowed."	
Antennas????????									
Vehicle and freight terminal	---	---	--- CUP	--- CUP			"Vehicle and freight terminals" means establishments engaged in furnishing services incidental to air, motor freight, and rail transportation including: 1. Freight forwarding services; 2. Freight terminal facilities;	Changed to "not allowed."	

Exhibit A									
Modifications made by Planning Commission are represented in red.									
Table 2-04									
Allowed Uses and Permit Requirements for Commercial/Industrial Zoning Districts									
Land Use	Permit Required by Zoning District				Specific Use Regulations	Note	Definition	Commission Thoughts	Staff Thoughts
	P	CUP	—	TUP					
							3. Joint terminal and service facilities; 4. Packing, crating, inspection and weighing services; 5. Postal service bulk mailing distribution centers; 6. Transportation arrangement services; 7. Truck stops, including transfer and storage.		

Section 17.38.140 (**Recycling facilities**) of the Los Alamitos Municipal Code is hereby amended to read as follows:

Recycling facilities may be allowed in the commercial and industrial zoning districts, subject to the provisions in this section.

- A. Reverse Vending Machines. Reverse vending machines located within a commercial structure do not require discretionary permits.
- B. Reverse vending machines located outside a commercial structure shall be established in conjunction with a commercial use or community service facility that is in compliance with the zoning, building, and fire codes of the city. Reverse vending machines shall only be allowed for beverage container convenience zone collection centers, subject to a conditional use permit.
 - 1. Reverse vending machines shall be located within thirty (30) feet of the entrance to the commercial structures and shall not obstruct pedestrian or vehicular circulation.
 - 2. Reverse vending machines shall be constructed and maintained with durable, waterproof, and rustproof material and maintained in a clean, litter-free condition on a daily basis.
 - 3. Reverse vending machines shall be clearly marked to identify the type of material to be deposited, operating instructions, and the identity and phone number of the operator or responsible person to call if the machine is inoperative.
- C. Small Collection Facilities. Small collection facilities may be sited in commercial and industrial zoning districts with the approval of both a site plan review and conditional use permit by the commission. Such facilities shall only be allowed for beverage container convenience zone collection centers.
 - 1. Small collection facilities shall be established in conjunction with an existing commercial or community service facility that is in compliance with the planning, building, and fire codes of city.
 - 2. Small collection facilities shall be no larger than five hundred (500) square feet, not including space that will be periodically needed for removal of materials or exchange of containers. Occupation of parking spaces by the facility and the attendant may not reduce the available parking spaces below the minimum number required for the primary use.
 - 3. Additional parking spaces shall not be required for customers of a small collection facility located in an established parking parcel, except that one space shall be provided for the attendant.
 - 4. Small collection facilities shall be set back at least ten (10) feet from property lines and shall not obstruct pedestrian or vehicular circulation.
 - 5. Small collection facilities shall accept only glass metals, plastic containers, papers, and reusable items. Used motor oil containers may be accepted with the approval of the local public health official.
 - 6. Small collection facilities shall use no power driven processing equipment, except for reverse vending machines.
 - 7. Containers shall be used that are constructed and maintained with durable waterproof and rustproof materials, covered when the site is not attended, secured from unauthorized entry or removal of material, and shall be of a capacity sufficient to accommodate materials collected and collection schedule.
 - 8. Recyclable material shall be stored in containers or in the mobile unit vehicle, and materials shall not be left outside of containers when attendant is not present.

9. The site shall be maintained free of litter and other undesirable materials, and mobile facilities, at which truck or containers are removed at the end of each collection day, and shall be swept at the end of each collection day.
 10. Attended facilities located within one hundred (100) feet of a property zoned or occupied for residential use shall operate only during the hours between nine a.m. and seven p.m.
 11. Containers for the twenty-four (24) hour donation of materials shall be at least one hundred (100) feet from any property zoned or occupied for residential use unless there is a recognized service corridor and acoustical shielding between the containers and the residential use.
 12. Containers shall be clearly marked to identify the type of material which may be deposited; the facility shall be marked clearly to identify the name and telephone number of the facility operator and the hours of operation, and display a notice stating that no material shall be left outside the recycling enclosure or containers.
-

23. Does not include academic schools. (???)

24. Indoor reverse vending machines do not require any discretionary permits. (????)

ATTACHMENT 2

Dear Mr. Mendoza,

Thank you for your assistance in understanding many aspects of the proposed changes to the Allowed Uses and Permit Requirements for Commercial/Industrial Zoning. As you mentioned, these are very complicated matters and the limited information provided by the Public Notice, and for that matter, the minutes and agendas of the City Council, provide only limited insight for those of us who do not practice in this area on a regular basis.

You indicated that we would be free to express our concerns to the City Council via email. Please ask the Council to reconsider the proposed action in light of the following:

We object to any modifications of permitted uses in the P-M zone. This includes the elimination of current permitted usages as well as the possibility that currently permitted uses would be subject to a CUP in the future. Our properties were purchased in good faith, understanding the restrictions in place at the time of purchase. Should the Council take action to restrict those activities going forward, it is likely to negatively affect the values of our properties.

Over the past few years, there has been a continued infiltration in the P-M zone by commercial recreational uses. Simply, recreational and training facilities have been allowed to operate in facilities that were historically occupied by warehousing and manufacturing operations. The areas now zoned as L-I in the 2035 General Plan demonstrate specific properties on Reagan Street where this has been allowed by the City.

Please advise the Council that we did not express opposition to the implementation of the L-I zone as a courtesy to proposed commercial recreational users. In part, we did not object to that action because there was no change in the permitted usage for those buildings when the zoning was created. With the now proposed action, changes to the permitted usage in those buildings would eliminate certain activities for which the buildings were originally designed to accommodate (warehousing, distribution and certain types of light manufacturing). We object to any proposed action that restricts or eliminates usages in the L-I that are currently allowed or that were previously allowed under the P-M zone, with our without a CUP.

Thank you for your time today and thank you for expressing our concerns to the Council.

Sincerely,

Ron Robertson
President
Grating Pacific, Inc.

Ron Robertson
562.598.4314 Phone
562.598.2740 Fax
3651 Sausalito Street
Los Alamitos, CA
90720
www.gratingpacific.com



CLELAND SALES CORPORATION

11051 Via El Mercado
Los Alamitos, CA 90720

September 29, 2016

To: Steven Mendoza
Development Services Director
City of Los Alamitos

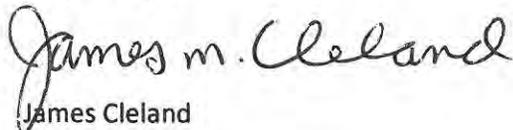
From: James Cleland
President
Cleland Sales Corporation

Re: Zoning reclassification for space located at 11041 Via El Mercado, Los Alamitos, CA

I understand that a review of permitted uses is underway for the zone that includes 11041 Via El Mercado, Los Alamitos, CA. As owner and manager of this property, I request that the reclassification includes Small Commercial School, or a similar permitted use, that will allow Medical Advancement Center to operate their business at this location.

Medical Advancement Center is a small continuing education business for medical professionals. Their typical class size is 6-10 students, with a maximum class size of 18 students. I request that they be allowed to use 1300 sq. feet of office space, located at above location for their continuing education classes. I submit that the above space is appropriate for Medical Advancement Center's proposed use.

Respectfully,



James Cleland
President
Cleland Sales Corporation



Medical Advancement Center

September 29, 2016

To: Steven Mendoza
Development Services Director
City of Los Alamitos

From: Philip Fritz
Medical Advancement Center

Re: Zoning reclassification for space located at 11041 Via El Mercado, Los Alamitos, CA

We understand that a review of permitted uses is underway for the zone that includes 11041 Via El Mercado, Los Alamitos, CA. We request that the reclassification includes Small Commercial School, or a similar permitted use, that will allow us to operate our business at this location.

Medical Advancement Center would like to be allowed to use 1300 sq. feet of office space, located at 11041 Via El Mercado, Los Alamitos, Ca 90720, for continuing education classes for medical professionals. Our typical class size is 6-10 students with a maximum class size of 18 students. We are well under the limits for a Small Commercial School, as defined in the code. We have no fixed class schedule, our classes are held on as needed bases. Typically, we hold classes only 2-3 times a week.

Respectfully,



Philip Fritz
Medical Advancement Center
Best Contact Phone: 714-761-1584

August 30, 2016

To: Los Alamitos Planning Department
From: Medical Advancement Center
Re: Permission to operate at 11041 Via El Mercado, Los Alamitos, CA 90720

The following is the information you requested regarding Medical Advancement Center and its proposed use of the space located at 11041 Via El Mercado, Los Alamitos, CA 90720.

Medical Advancement Center (MAC) provides skill based courses for medical professionals. Each course is stand alone; we have no multi-course curriculum and courses are offered on an "as needed" basis with no reoccurring established schedule. The State of California Department of Education does not recognize MAC as a school and we are not regulated by, nor required to report to, them. MAC's courses are skill based and not academic based. Our typical class size is 6 - 10 people and is 4 - 8 hours in length. The area that we propose to use is approximately 1300 sq. feet of office space divided into three areas, of approximately the same size. One area is used for lecture, one area is for skills practice and the remaining space is used for restrooms and a small breakroom/office.

We think it is fair to say that the phrase "on-site specialized technical education", accurately describes the service that we provide. While MAC offers a range of courses, from a practical point of view, due to a lack of demand, only a few of these courses are ever taught. Of the courses that are taught, about 90% of them fall into one of two areas, Venipuncture related or American Heart Association Certifications.

Our Venipuncture offerings are as follows: IV Therapy & Blood Withdrawal Certification for LVNs, Venipuncture Certification for Radiology Technologist, IV Skills Update for RNs, and PICC Line Insertion & Management for RNs. While these courses vary in their content, they all have one thing in common; they are skill based and have a significant lab component that provides for training in venipuncture and in most cases includes actual live IV Insertions. Most schools do not provide these courses because they do not have the facilities, staffing or the inclination to do so. The certifications provided by these courses are governed by different state departments and laws. The most exacting oversight and regulation is for IV Therapy & Blood Withdrawal Certification for LVNs, which falls under the purview of the California Department of Consumer Affairs, Board of Vocational Nursing and Psychiatric Technicians. Attached is a letter from them stating that they make a distinction between schools and training providers; and we are considered to be a training provider, and not a school.

The American Heart Association also classifies us as a Training Site for Advanced Cardiac Life Support (ACLS) and Basic Life Support (BLS/CPR & AED). We operate under the oversight of RCP Advanced Life Support, which is an AHA Authorized Regional Training Center, located in Anaheim, CA. Every two years most nurses and doctors that work in acute care areas (e.g. Emergency Rooms, Intensive Care Center, Surgical Centers, etc.) are required to review current ACLS practices and demonstrate their understanding and proficiency by passing a skills test. While the material may be reviewed in a classroom setting or in an on-line format, the proficiency tests must be administered by a Certified Instructor. As with ACLS, virtually all medical personnel are required, by their employers, to be BLS/CPR

& AED certified. This certification must be completed every two years, and a proficiency test must be passed. Again, the reoccurring theme here is Training Site vs. School.

We feel that the issue of, "is MAC a School or a Training Provider?" is one more of semantics than substance. The practical question is, "is the proposed use of the space at 11041 Via El Mercado in Los Alamitos appropriate or not?" If I wanted to run a "welding school" in a multi-story office building it would be clearly inappropriate. If I wanted to open a private High School at 11041 Via Mercado it would be inappropriate. However, we feel that MAC's proposed use of the space at 11041 Via El Mercado as a Training Center is appropriate and reasonable. In the hope that you agree with us, we have attached a modified Zoning Permit/Certificate Application for your consideration.

If you feel unable to allow Medical Advancement Center to operate under the designation of a Training Center, then we respectfully request a conditional use permit or some type of variance. In support of this request we offering the following:

On the corner of Via El Mercado and Katella (5370 Katella Ave.), the city is allowing Impact Dance Center to operate. This Dance Center clearly meets the definition of a "Specialized Commercial School offering instruction in Ballet and other Dance", as presented in the Los Alamitos City code. Their location is about 250 yards from our location and as close as we can determine is also zoned P-M. We would suggest that if their location is appropriate for a large Dance School for children, than our location is appropriate for providing Skill Based Training for Medical Professionals.

Respectfully,



Philip Fritz
Medical Advancement Center
Best Contact Phone: 714-761-1584

- Attachments:
- 1) Modified Zoning Permit/Certificate Application
 - 2) Letter from California Department of Consumer Affairs, Board of Vocational Nursing and Psychiatric Technicians
 - 3) Letter from RCP Advanced Life Support



August 23, 2016

Medical Advancement Center
11041 Via El Mercado
Los Alamitos, CA 90720

To Whom It May Concern:

Medical Advancement Center has been an Intravenous Therapy and Blood Withdrawal (IV/BW) Provider and a Continuing Education Provider since the late 90's. This company has provided and continues to provide certification classes to our licensees. So our licensees can get the proper certification to acquiring better jobs and an opportunity to apply for the registered nursing programs.

Medical Advancement Center is not a nursing school or agency. They only provide a certification and continuing education course for our licensees. If you should have any questions, you are welcome to visit our website, which includes approved nursing schools, IV/BW certification and continuing education providers. Also, feel free to contact me at the Board of Vocational Nurses at (916) 263-7819.

Sincerely,

Rudolph V. Davis, Program Technician II
Board of Vocational Nursing and Psychiatric Technicians |Licensing Division
Post Licensure Unit
2535 Capitol Oaks Drive, Suite 205
Sacramento, CA 95833-2945
P: (916) 263-7819 | F: (916) 263-7855
Rudy.davis@dca.ca.gov

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Education for life...
An AHA Community Training Site

To Whom It May Concern,

Medical Advancement is an American Heart Association Training Site (TS). This is the official classification from the AHA. They have Paramedics, Physicians, nurses and clinicians; demonstrate their ACLS and CPR skills according to AHA standards. They are not a school that charges tuition or has classes everyday with many students.

Respectfully,

Jeff Laabs, RCP
RCP Advanced Life Support
Office 714-808-9036
Fax 714-844-4935
Website www.rcpals.com

Chairman, AHA Regional Emergency Cardiovascular Care Committee,
Greater San Diego.

AHA National Faculty, Advanced Cardiac Life Support

Regional Trainer, American Academy of Pediatrics NRP

Regional Faculty ACLS, BLS, PALS

American Heart Association Authorized Training Site
RCP ADVANCED LIFE SUPPORT
720 N. Valley St., Suite E. Anaheim CA 92801
Phone: (714) 808-9036 (714) 808-9030 Fax: (714) 844-4935
Email: rcpals@hotmail.com Website: www.rcpals.com



Susan K. Hori
Manatt, Phelps & Phillips, LLP
Direct Dial: (714) 371-2528
E-mail: shori@manatt.com

April 27, 2016

VIA E-MAIL

Chair Mary Ann Cuiilty and Members of the Planning Commission
City of Los Alamitos
3191 Katella Avenue
Los Alamitos, CA 90720

**Re: Item 7.D. Zoning Ordinance Amendment 16-05
Review of Uses in the Planned Light Industrial Zone**

Dear Chair Cuiilty and Members of the Planning Commission:

This firm represents JCB, Inc. ("Owner"), the owner of the property located at 4411 Katella Avenue, Los Alamitos, California 90720 ("Property"). This letter sets forth the Owner's concerns regarding and opposition to the proposed amendments and its impact on existing industrial operations and the Owner's ability to use and develop its Property in manner consistent with the goals and objectives of the City's General Plan.

The Property is currently leased to and is the location of Arrowhead Products ("Arrowhead"). Arrowhead is a world leader in the design, development, and manufacture of ducting systems for aircraft and propulsion lines for rockets. Arrowhead is one of, if not, the largest, private employer in the City, and has been operating in the City for a number of years.

The Property is currently located within the Planned Light Industrial (P-M) Zone. The Planning Commission recently held two meetings on March 23, 2016, and April 6, 2016, to consider revisions to the land uses authorized in the P-M Zone. As currently contemplated, the proposed changes would severely curtail industrial uses in the P-M Zone, a zone dedicated for industrial uses, and would restrict current and historic operations within the P-M Zone, including Arrowhead's operations. This appears to be the specific intent of the Planning Commission. Although the changes are alleged to be intended to maintain compatibility with surrounding neighborhoods and to protect the public health and welfare, these justifications appear to be nothing more than thinly-veiled discrimination and excessive regulation and restriction of uses targeting existing and proposed operations in the P-M Zone, including Arrowhead's. The staff report fails to provide any evidence that would justify the imposition of these restrictions and the outright prohibition of certain currently permitted uses in the P-M Zone.

The Planning Commission's proposed revisions, if adopted as proposed, would be invalid and inconsistent with the City of Los Alamitos ("City") General Plan and as an inappropriate restriction on the use of property.

I. The Proposed Changes Are Arbitrary and Discriminatory.

A zoning ordinance must bear a *substantial and reasonable relationship* to the public welfare, and an *arbitrary and discriminatory zoning decision is an invalid* exercise of the police power. *Merritt v. City of Pleasanton* (2001) 89 Cal.App.4th 1032, 1036. If a zoning ordinance is either not reasonable in object or is arbitrary in operation, it is not a justifiable exercise of the police power. *Foothill Communities Coalition v. County of Orange* (2014) 222 Cal.App.4th 1302, 1309-1310. Here, the proposed changes to the uses allowed in the P-M Zone are arbitrary and, as such, cannot be considered reasonably related to the purported purpose of maintaining compatibility with the surrounding neighborhoods.

The Planning Commission appears to have arbitrarily prohibited certain uses that it deems inappropriate for the P-M Zone while allowing substantially similar uses. For example, under the proposed revisions, the broad categorical use of "wholesaling and distribution" has been eliminated although wholesaling and distribution of food products is expressly permitted. It is unclear as to why the Planning Commission deemed food product wholesaling and distribution, which would have similar, if not greater, impacts than those associated with wholesaling and distribution for other industries (e.g., traffic and noise), to be appropriate within the P-M Zone, but excluded other types of wholesaling and distribution. (For example, food product distribution often requires refrigerated warehouses that generate more noise, require refrigerated trucks that generate greater noise impacts than regular trucks, and utilize back up generators which also generate noise and air emissions.) It appears that the Planning Commission specifically allowed such uses for food products primarily because it wished to appease a particular existing business. However, as there is no rational basis for this selective treatment of food product wholesaling and distribution and discriminatory treatment of general wholesaling and distribution, the Planning Commission's action constitutes an inappropriate and arbitrary exercise of the police power.

Similarly, the proposed revisions make arbitrary distinctions between various types of *manufacturing* without adequate justification. The proposed revisions permit, for instance, with a conditional use permit, aircraft accessory manufacturing, clothing manufacturing, food product manufacturing, pottery manufacturing, motor vehicle/transportation equipment manufacturing, and plastic product fabrication. However, similar operations with arguably comparable impacts are either outright prohibited (e.g., ceramics manufacturing) or allowed by-right (e.g., sign manufacturing, paper product fabrication). Again, these distinctions are arbitrary and without any reasonable basis.

II. The Proposed Changes Are Confusing as Applied to Arrowhead's Operations; Arrowhead Requests Clarification Whether Its Activities are Now Prohibited.

As discussed above, the proposed recommendations arbitrarily prohibit certain uses while permitting substantially similar uses with no explanation or rationale in support of these distinctions. It is Arrowhead's desire to be able to continue its operations in the City; however, it does not wish to have unreasonable restrictions imposed on its ability to either continue, modify, or expand its operations.

Arrowhead's operations can be described as the manufacturing and fabrication of aerospace related accessories, including rubber products. Arrowhead uses a number of different raw materials in the manufacture of its aerospace, space and defense products including fiberglass, resin, plastics and rubber. We note that while plastic products fabrication continues to remain a permitted use, rubber products has been changed from permitted to prohibited. We would like clarification from the City as to how it defines the category of "Rubber products" in Exhibit A, Table 2-04. The Los Alamitos Municipal Code ("LAMC") definition section has the following entry: "Rubber Products. See "Manufacturing, Heavy." "Manufacturing, Heavy" is not defined by the LAMC; however, "Manufacturing" is currently defined as "establishments engaged in the mechanical, physical, or chemical conversion of substances, components, or raw materials to a product. Does not include industrial facilities that are separately defined within this code." The Planning Commission proposal will amend the definitions section to include definitions for "Aerospace related accessories manufacturing." Will Arrowhead's production of rubber products be prohibited under the proposed amendment because "Rubber Products" are prohibited, or will it be conditionally permitted because it is conducted as part of "Aerospace related accessories manufacturing"? The inconsistent treatment of various raw materials and their manufactured products reflected in the proposed amendment create considerable confusion and the distinctions drawn are lacking in any evidentiary support.

III. The Proposed Changes Are Inconsistent With the General Plan.

A zoning decision must be consistent with the relevant general plan, and if it is not consistent with the general plan, it is invalid when passed. *Merritt, supra*, 89 Cal.App.4th at 1036. This requirement applies to the City, which has mandated that zoning actions comply with the City's General Plan. *City of Irvine v. Irvine Citizens Against Overdevelopment* (1994) 25 Cal.App.4th 868, 876 [a charter city's zoning is not required to be consistent with its general plan unless the city specifically requires such consistency]. The LAMC includes numerous provisions that expressly require consistency with the General Plan. LAMC Section 17.20.050, for example, expressly states that any zoning code amendment must ensure and maintain "internal consistency with the action, goals, objectives, and policies of the general plan...."

The Planning Commission's proposed changes are wholly inconsistent with the General Plan's objectives and policies regarding the role of industrial uses in the City. Generally, the General Plan evinces an intent to ensure the continued proliferation of industrial uses within industrial zones, and seeks to protect industrial uses from encroaching incompatible uses. Policy 2.1 of the Economic Development Element promotes maintaining the integrity of industrial areas and protecting "these areas from encroachment by other uses." This is consistent with the General Plan's recognition that manufacturing is an important industry and should be maintained. See Economic Development Element at 1 "[t]he community should expect manufacturing to remain an important part of the local economy". The importance of preserving industrial areas and uses is likewise a prevalent objective of the Land Use Element, which notes that industrial business generally, not limited to manufacturing, "are an important component of the local economy." Land Use Element at 10.

Similarly, maintaining industrial uses is explicitly identified as one of the key strategies used in formulating the General Plan. See *id.* at 10. The Planning Commission's proposed changes, which severely curtail the types of industrial uses allowed in the P-M Zone, would obstruct the attainment of these overarching objectives, goals, and policies in the General Plan. *San Francisco Tomorrow v. City and County of San Francisco* (2014) 228 Cal.App.4th 1239, 1253 ["a project is consistent with the general plan if, considering all its aspects, it will further the objectives and policies of the general plan and not obstruct their attainment"]. Also, the Planning Commission's decision to limit industrial uses to ensure consistency with surrounding land uses is inconsistent with the General Plan directive to safeguard industrial uses from encroaching incompatible uses. See Economic Development Element at 10 [The General Plan seeks to limit non-industrial businesses in the primary industrial areas].

IV. The Proposed Changes Impose Barriers to Economic Development.

Until just recently, it has been Arrowhead's experience that the City has prided itself on being business friendly and encouraging economic development. The proposed changes that would require uses that are clearly industrial in nature and now permitted by right to obtain conditional use permits impose additional burdens on fostering new development. The City has a process to review all new proposed development by requiring even uses that are permitted by right to obtain a Site Plan Review approval which is a discretionary action. Those developments which may generate impacts such as traffic, noise and odors are required to comply with the California Environmental Quality Act, which could include public review and comment of the potential impacts that inform the City decisionmakers before any action is taken. We see no reason given in the City's staff report supporting the change for many of the industrial uses that are now permitted by right to require a conditional use permit in the future, and to prohibit certain uses that are currently permitted. The "fears" that have been expressed regarding additional traffic and trucks can still be carefully examined, and mitigation imposed through the

Planning Commission
April 27, 2016
Page 5

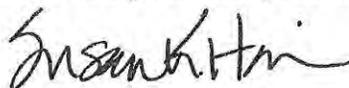
City's existing Zoning Code without enacting an outright prohibition. At a minimum, we would urge the City to consider requiring conditional use permits for the uses that the City is contemplating outright prohibition.

As a business that has had long-standing ties to this City and is a significant jobs generator, we are greatly concerned with the message that the City's proposed actions are communicating to the business community. The imposition of additional regulation and restriction limiting Arrowhead's use of its property without sound evidence in support of its action raises serious issues regarding the City's respect for private property rights and excessive governmental regulation. In closing, we urge you to reconsider your recommendations to require manufacturing uses to obtain conditional use permits and to prohibit altogether certain industrial uses.

We appreciate your consideration of these comments.

Very truly yours,

Manatt, Phelps & Phillips, LLP



Susan K. Hori

cc: Steven Mendoza
James Benenson
John Cvetic

City of Los Alamitos

Agenda Report Public Hearings

October 17, 2016
Item No: 9B

To: Mayor Richard D. Murphy & Members of the City Council
Via: Bret M. Plumlee, City Manager
From: Steven A. Mendoza, Development Services Director
Subject: Expansion of Residential Permit Parking in Old Town East

Summary: The Traffic Commission is recommending approval to expand the Old Town East Residential Permit Parking area to a 120' segment of Catalina Street west of Pine Street and east of the alley.

Recommendations:

1. Open the Public Hearing; and,
2. Adopt Resolution No. 2016-34, entitled "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, ESTABLISHING A 120 FOOT AREA AS RESIDENTIAL PERMIT PARKING ON THE SOUTH SIDE OF CATALINA STREET WEST OF PINE STREET AND EAST OF THE ALLEY WITHIN THE OLD TOWN EAST NEIGHBORHOOD".

Background

Mr. Derek Davis, owner of an apartment building at 3542-3556 Catalina Street, is requesting that the existing Old Town East Residential Permit Parking be expanded to include the 120' area in front of his apartment building. The apartments, located west of Pine Street and east of the alley, were built in 1956 under the approval of the County of Orange. The



County of Orange did not require driveways or garages for these units. Therefore, the residents have no dedicated parking and use the curbside to park their vehicles. On May 14, 2001 the City Council approved (Resolution No. 1817) and established on-street permit parking for residents only on designated streets as shown on Exhibit A. This section of Catalina Street was not included as part of these designated streets. To reduce the number of area employee vehicles that parked on the street all day, the City installed three (3) hour limit parking signs on Catalina Street between Pine Street and Los Alamitos Boulevard.

The Applicant is now seeking relief from the three (3) hour parking by requesting that the 120' area in front of these apartments be included in the Old Town East Residential Permit Parking program.

Discussion

At the present time, on street parking on Catalina Street between Pine and Los Alamitos Boulevard is limited to three (3) hours parking. According to Mr. Davis the majority of tenants are senior adults including some with disabilities. Staff believes this section of Catalina Street is experiencing the same issue as the other designated sections as shown on Exhibit A. The recommendation is to include Catalina Street between the alley to the east of Los Alamitos Boulevard and Pine Street as part of existing Residential Permit Parking area. Such action will further preserve and protect this residential neighborhood from excessive intrusion of vehicles owned by non residents.

In accordance with Municipal Code Section 10.24.070, the City Council, after holding a Public hearing, may determine by resolution that certain streets shall be restricted to permit parking only. Such action shall be taken only to preserve and protect residential neighborhoods from excessive intrusion of parked vehicles owned by persons residing outside the neighborhood. The Chief of Police shall issue permits to residents of the streets involved and such permits shall be affixed to automobiles in a location prescribed by the Chief.

The Traffic Commission, during its September 14, 2016 meeting took testimony and has recommended that the City Council approve this request to expand the Old Town East Residential Permit Parking area to include this 120' area.

Notification

In accordance with Section 2.8 of Regulation 8.1, the City Staff has sent notice to the restricted and affected areas in advance of this meeting.

Fiscal Impact

Costs are not budgeted but are minimal and include parking signs and posts plus administrative time for Police and Public Works Staff.

Prepared By:



Steven A. Mendoza
Development Services Director

Approved By:



Bret M. Plumlee
City Manager

Fiscal Impact Reviewed By:

:



Jason Al-Imam
Administrative Services Director

- Attachments:*
- 1. Resolution No. 2016-34 including map as Exhibit A*
 - 2. Residential Parking Permit Petition*
 - 3. Administrative Regulation - Residential Permit Parking*
 - 4. Residential Permit Parking Process*
 - 5. Draft Traffic Commission Minutes dated September 14, 2016*

RESOLUTION NO. 2016-34

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, ESTABLISHING A 120 FOOT AREA AS RESIDENTIAL PERMIT PARKING ON THE SOUTH SIDE OF CATALINA STREET WEST OF PINE STREET AND EAST OF THE ALLEY WITHIN THE OLD TOWN EAST NEIGHBORHOOD

WHEREAS, the City received requests from the residents of the apartments at 3542-3556 Catalina Street within the Old Town East neighborhood of Los Alamitos, California, ("Old Town East") to resolve parking problems caused by the building's lack of parking; and,

WHEREAS, following a meeting between Staff and the apartment owner, a noticed hearing was conducted by the Traffic Commission on September 14, 2016 to review the application and petition provided by the Applicant and to consider a permit parking program; and,

WHEREAS, the Los Alamitos City Council Adopted Resolution 1817 on May 14, 2001 establishing on-street permit parking for residents only at designated streets in the Old Town East area. Adoption of Resolution No. 2016-34 expands the permit parking area established by Resolution 1817; and,

WHEREAS, Section 10.24.070 of the Los Alamitos Municipal Code authorize the City Council to regulate parking at specified times on specified days, and to restrict, by resolution, certain streets to permit parking only; and,

WHEREAS, Administrative Regulation 8.1 adopted December 7, 2009 established a policy applicable to all requests involving residential permit parking programs on City streets to provide guidance and manage use of on-street parking. It is recognized that there is a need to balance residential, commercial, school and other parking demands that best serves the community as a whole.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS DOES RESOLVE AS FOLLOWS:

SECTION 1. The City Council of the City of Los Alamitos, California, finds that the above recitals are true and correct.

SECTION 2. That pursuant to provisions of Section 10.24.070 of the Los Alamitos Municipal Code, no person shall park or leave standing any vehicle on the following described areas without prominently displaying a valid parking permit:

- A. **SOUTH SIDE OF CATALINA STREET:** Beginning at the southeast terminus of that certain curb return at the southwest corner of the intersection of Pine Street

and Catalina Street, thence, westerly along the south curb line of Catalina Street to the alley (Exhibit A).

- B. **EFFECTIVE PERIODS:** Requirement to display valid parking permit in the areas described in Subsection A, of this Resolution shall be from 6 A.M. to 6 P.M. Mondays through Fridays, inclusive, and from 6:00 A.M. to 12:00 Noon on Saturdays.
- C. **REMOVAL OF VEHICLES:** Pursuant to California Vehicle Code, Section 22651, any vehicle parking or left standing in violation of Subsection A through C, inclusive, of this Resolution, may be removed. No such removal shall occur until signs are posted giving notice of the removal authority.

SECTION 3: That the City Engineer be and he is hereby directed to cause the appropriate signs and/or markings to be installed and placed to designate the restrictions contained as required by the provisions of the California Vehicle Code, City Ordinance and City Policy.

SECTION 4. The City Clerk shall certify as to the adoption of this Resolution.

PASSED, APPROVED, AND ADOPTED this 17th day of October, 2016.

Richard D. Murphy, Mayor

ATTEST:

Windmera Quintanar, CMC, City Clerk

APPROVED AS TO FORM:

Cary S. Reisman, City Attorney

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss
CITY OF LOS ALAMITOS)

I, Windmera Quintanar, CMC, City Clerk, of the City of Los Alamitos, do hereby certify that the foregoing Resolution was adopted at a regular meeting of the City Council held on the 17th day of October, 2016.

AYES: COUNCILMEMBERS:
NOES: COUNCILMEMBERS:
ABSENT: COUNCILMEMBERS:
ABSTAIN: COUNCILMEMBERS:

Windmera Quintanar, CMC, City Clerk

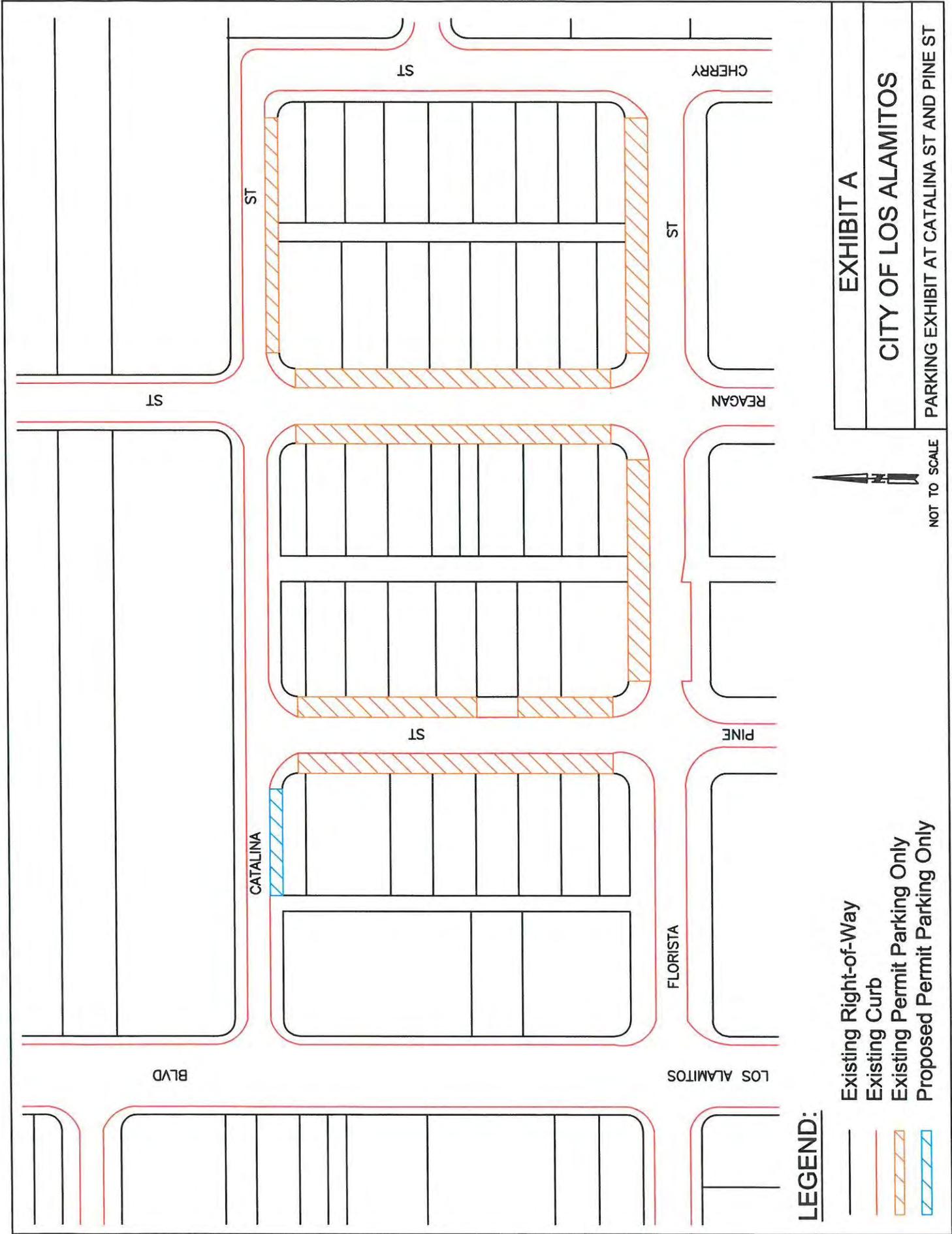


EXHIBIT A

CITY OF LOS ALAMITOS

PARKING EXHIBIT AT CATALINA ST AND PINE ST



NOT TO SCALE

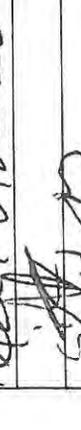
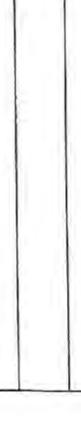
LEGEND:

- Existing Right-of-Way
- Existing Curb
- ▨ Existing Permit Parking Only
- ▨ Proposed Permit Parking Only

EXHIBIT 2

City of Los Alamitos
Residential Parking Permit Petition

(Indicate Install, Modify, Remove?) Residential Permit Only Parking from (Indicate time limit and days)
(Indicate streets)

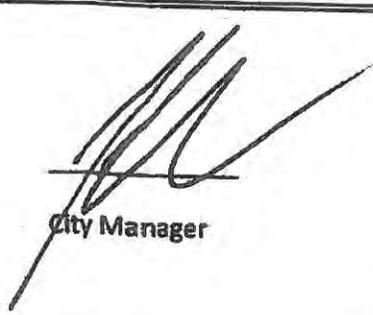
Name (Signature)	Name (Print)	Street No.	Street Name	Date	Phone No.
	Maria Buzard	3550	Catalina St	8/16/16	562-743-5444
	STEVEN M. SCOTT	3556	CATALINA ST	8/16/16	562-430-7516
	LEE J. LOWELL	3546	CATALINA ST	8/16/16	562-456-1399
	LONG LAM	3544	CATALINA ST	8-16-16	714 887 4615
	SARKIS ZOLOURISIAS	3548	CATALINA ST	8/17/16	714 5272388
	Noah Smith	3542	Catalina St.	8/17/16	714)209-6084

I the undersigned, declare I have obtained the above signatures in accordance with the procedures provided to me by the City of Los Alamitos.

Executed on: 8/17/16

Signature of Petition Circulator: 
Print Name of Petition Circulator: Derek Davis

Administrative Regulation

Regulation:	8.1	 City Manager
Title:	Residential Permit Parking	
Authority:	City Council	
Date:	December 7, 2009	
Revised:		

Residential Permit Parking

1. Purpose:

This policy shall apply to all requests involving residential permit parking programs on city streets. The general objective of this policy is to provide guidance and manage use of on-street parking. It is recognized there is a need to balance residential, commercial, school and other parking demands that best serves the community as a whole.

2. Policy

2.1 Definitions

- **Petitioner**-As used in this policy "petitioner" shall be a resident within the "restricted area"
- **Proponent**- "Proponent" shall mean the "petitioner(s)" representing the area for which permit parking is being requested and are the point(s) of contact for communication with the city.
- **Restricted Area**-The "restricted area" is the area for which the permit parking is to be installed, modified or removed on specified streets.
- **Affected area**- The "affected area" is the area outside the "restricted area" that could be influenced by the permit parking being requested. The extent of the "affected area" shall be determined by the City Engineer and will be based on;
 - The type of permit parking requested
 - The extent of the area under consideration.
 - The potential to negatively impact other parking in the community
- **Block**-A "block" for purposes of this policy shall be defined as one side of a street between intersections or to a street's terminus. Midblock restrictions

within residential areas are not favored but may be considered where it is determined that the situation warrants. This may occur in transitional areas such as residential to commercial or residential to industrial.

2.2 Process Initiation

A flow chart is provided in attachment 1, showing the typical permit parking process. The process for establishing residential permit parking can be initiated by "petitioner" request or a motion of the City Council. The request must be received from the "petitioners" within the proposed or current "restricted area". The City Council may expand the area by resolution under the following circumstances: (1) where necessary or prudent to mitigate the direct impact of a change in the configuration of a street or public right of way or similar action of government which changes traffic flow or patterns, or (2) where there is verifiable and measurable parking intrusion in an "affected area".

2.3 Problem Identification

Once the process is initiated, staff will meet with the "proponent(s)" to discuss the parking concerns and identify all possible issues, concerns, "restricted area" and "affected area". Staff will also work with "proponent(s)" on preparation of an appropriate petition.

2.4 Initiation of the Permit Parking Petition (75% concurrence)

Once the City and "proponent(s)" concur on the "restricted area" and "affected area" the "proponents" will initiate the petition process. A 75 percent concurrence from the "petitioners" within the "restricted area" is required. Each dwelling unit identified by its legal address shall be allotted one vote for purposes of meeting the petition requirements.

The form of petition should follow the format shown in attachment 2 of this policy. Petition must contain, at a minimum, the following information.

- Signature of "petitioners"
- Printed name of "petitioner"
- Address of "petitioner" and contact phone number.
- If a rental property, verification that signer is residing at the indicated address. This can be a copy of a utility bill for the property paid by the signer, property lease agreement, copy of valid driver's license or other ID that provides proof the petitioner is living at the stated address.
- "Blocks" to be included in the "restricted area".
- Hours and days of proposed parking restriction.
- Number of permits to be issued to residents and guests
- Indicate whether petition is for installation, modification or removal of parking restriction.

2.5 Petition Verification

Upon receipt of the petition from the "proponent(s)" city staff will review for completeness and verification of "petitioners". "Proponent(s)" will be responsible for correctness of the petition. Should changes be required, "proponent(s)" will be responsible for such changes.

2.6 Staff Review

Upon receipt of petition and other requested materials staff will assess the request and consider the following issues;

- a. The need for the residential permit parking program
- b. The specific area petitioned for permit parking.
- c. The specific days and times for the parking restriction.
- d. Guidelines for whom and how one may obtain a parking permit.
- e. Number of permits to be issued to residents and guests.
- f. Potential implications of the permit parking to the area.
- g. Police services comments and recommendations on the parking restriction.

2.7 Review Process

Upon acceptance or non-acceptance of the petition by city staff the item will be scheduled for review by the City Traffic Commission. The Traffic Commission may recommend the following;

- a. City Council approves the request.
- b. City Council denies the request.
- c. Request further information or amendments to the proposed permit parking.

Upon completion of Traffic Commissions review, if recommended for approval to the City Council, staff will forward the request to City Council for final review. Should City Council recommend approval of the parking restriction it shall be done in the form of a resolution in sufficient conformity with attachment 3 to this policy.

2.8 Notification

City staff shall, upon determining the "restricted and affected areas", send notice to everyone within the "restricted and affected areas" in advance of all Traffic Commission and City Council meetings where the requested permit parking will be discussed.

2.9 Permit Parking Removal/Modification

Permit parking removal shall be accomplished in the same manner and petition sufficiency used in this policy to initiate restrictions. This shall apply to the "restricted area" only.

Permit parking may be modified to include additional area, change hours or days of restriction. Modifications shall be accomplished in the same manner and petition sufficiency used in this policy to establish the parking restriction. This shall apply to the "restricted area" only.

Permit parking removal or modification may be done for portions of established permit parking programs provided that the request is for minimally one "block".

2.10 Existing Permit Parking Restrictions

All Permit Parking Programs established prior to adoption of this policy are considered grandfathered in. Therefore no additional process is required to establish or re-establish said existing programs. Removal or modification of any grandfathered restrictions however will be required to follow this policy guidance for such removals or modifications.

2.11 Administration

Permit Parking will be administered and enforced by the City of Los Alamitos Police Services Department. The following guidelines shall apply to all permit parking programs. Specific program details may be adopted by City Council and included in the adopting resolution.

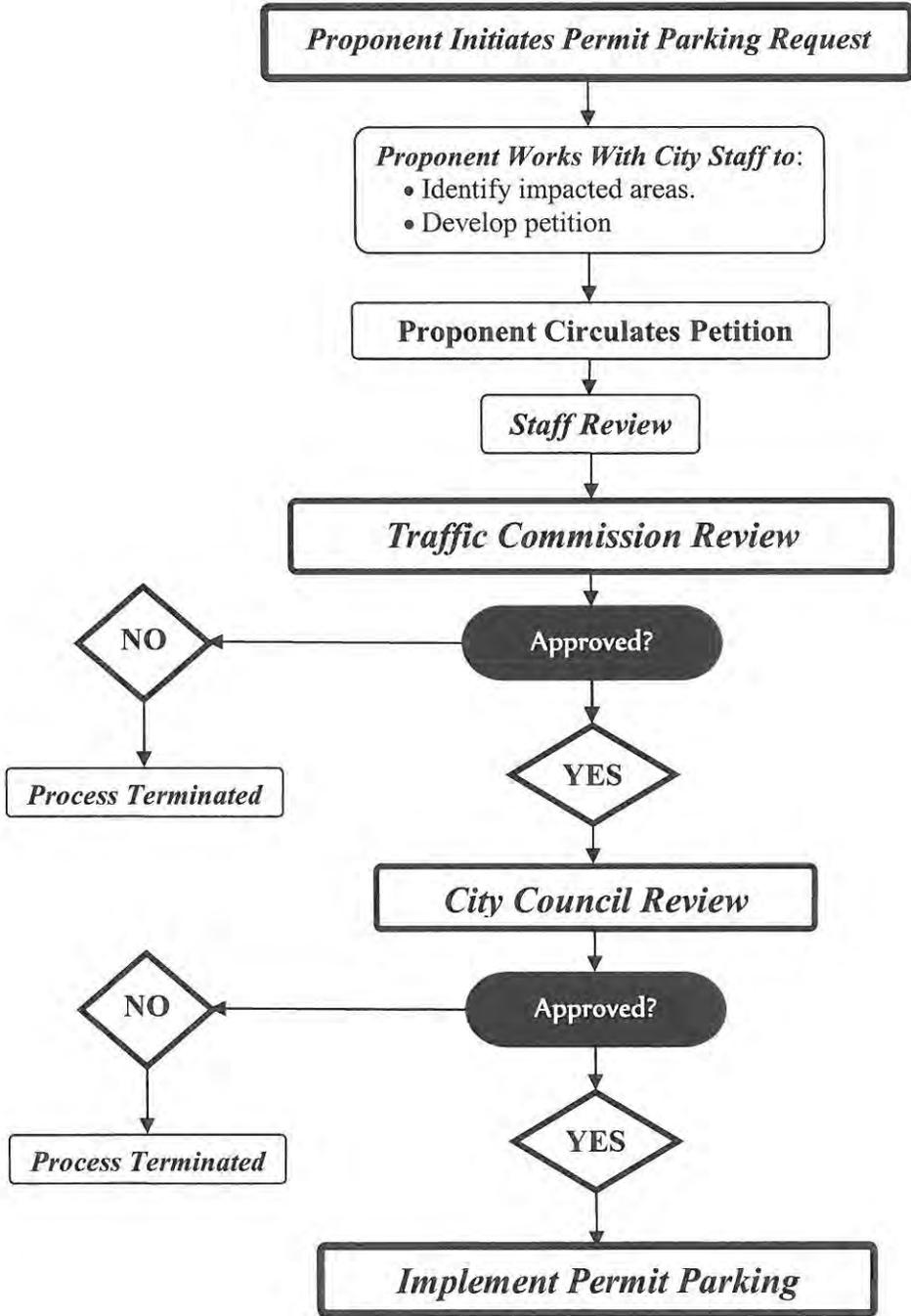
Permit Application- Residents need to complete the permit application and provide proof of residency in the approved permit parking area. Acceptable proof of residency is a California Drivers License, utility bill or vehicle registration. Any licensed member of the household may come to the department to complete the application process.

- a. **Resident Permits-** One parking permit will be issued to residents per registered vehicle and corporate vehicles used by the resident. Permits will be valid for the life of the parking permit program.
- b. **Guest Permits-** Parking permits for guests will be issued to each residence as specified in the adopting resolution. Guest permits should be displayed on the dashboard of the car and collected when the guest leaves. Residents should advise their guests of the restriction and the need to use the guest permit.
- c. **Temporary One Day Permits-** These are available to residents, by request, for special events only. These permits are available in larger quantities but will be specifically dated for one day use.
- d. **Lost Permits-** Lost permits will be replaced upon successful completion of a new permit application. A fee for replacement of lost permits will be charged as provided in the adopting resolution.

EXHIBIT 1
PERMIT PARKING POLICY

City of Los Alamitos

Residential Permit Parking Process



Excerpt from MINUTES OF TRAFFIC COMMISSION MEETING OF THE CITY OF LOS ALAMITOS

REGULAR MEETING – September 14, 2016

1. CALL TO ORDER

A Regular meeting of the Traffic Commission was called to order at 6:58 PM on September 14, 2016, in the Council Chambers, 3191 Katella Avenue, Los Alamitos, California, Chair Patz presiding.

2. ROLL CALL

Present: Commissioners: Chair Daniel Patz
Commissioner Dave Emerson
Commissioner Javier Mejia
Commissioner Jason Seaman
Commissioner James Wilhelm

Absent: Vice Chair Gina Biri (Excused)

Present: Staff: Development Services Director Steven Mendoza
Farhad Iranitalab, Traffic Engineer
Captain Rick Moore, Police Department
Dawn Sallade, Department Secretary

C. Consideration of “Permit Parking” Restriction on the South Side of Catalina Avenue between Los Alamitos Boulevard and Pine Street.

A request has been received by Davis Management Company requesting the Traffic Commission to consider the installation of “Residential Permit Parking” on South side of Catalina Street between Los Alamitos Boulevard and Pine Street.

On May 14, 2001 the City Council approved (Resolution No. 1817) and established on-street permit parking for residents only on designated streets; however, this section of Catalina Street was not included as part of these designated streets.

To reduce the number of vehicles that parked on the street all day, in 2016 the City installed 3-hour limit parking signs on Catalina Avenue between Reagan Street and Los Alamitos Blvd.

Development Services Director Mendoza summarized the Staff report, referring to the information contained therein, and indicated he’s prepared to answer questions from the Traffic Commission.

Commissioner Wilhelm said he felt this was a reasonable request and was surprised that there wasn't already an allowance made for permit parking along the south side of Catalina Street.

Mr. Mendoza said he concurs with Commissioner Wilhelm and explained that it makes no logical sense that the Residential Permit Parking didn't curve around the corner and encompass this area.

Derek Davis, Owner & Applicant, explained that he had gone to the March Parking Workshop and he was assured that his area wasn't affected but suddenly he found out that there was now 3-hour parking. He said the bottom line is that he feels that this simply was a clerical error and it should never have been designated as 3-hour parking.

Motion/Second: Emerson/Wilhelm

Unanimously Carried 5/0/0 (Biri absent): The Traffic Commission approved the request for installation of permit parking on Catalina Street and directed Staff to forward their recommendation to the City Council.

8. ADJOURNMENT

The Traffic Commission adjourned at 8:21 PM.

City of Los Alamitos

Agenda Report Ordinances

October 17, 2016
Item No: 10A

To: Mayor Richard D. Murphy & Members of the City Council

From: Cary S. Reisman, City Attorney
Lisa E. Kranitz, Assistant City Attorney

Subject: Urgency Ordinance Relating to Proposition 64 – Adult Use of Marijuana Act

Summary: At the September 19, 2016 City Council meeting, the City Council instructed the City Attorney's Office to draft an Urgency Ordinance relating to the adult use of marijuana for recreational purposes. The attached Urgency Ordinance prohibits commercial recreational marijuana uses, prohibits outdoor personal cultivation and imposes reasonable regulations on indoor cultivation.

Recommendations:

1. Introduce, waive reading in full, authorize reading by title only, and adopt Urgency Ordinance No. 2016-08; and,
2. City Attorney Reisman read the title of Urgency Ordinance No. 2016-08, entitled, "AN URGENCY ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA AMENDING CHAPTER 17.39 OF THE LOS ALAMITOS MUNICIPAL CODE RELATING TO MEDICAL CANNABIS, ADDING URGENCY PROVISIONS RELATING TO PERSONAL CULTIVATION OF MARIJUANA, AND ADOPTING A MORATORIUM ON ALL COMMERCIAL MARIJUANA ACTIVITIES".

Background

At last month's City Council meeting, the City Council adopted a Resolution opposing Proposition 64 – the Adult Use of Marijuana Act (AUMA) and directed the City Attorney to prepare an Urgency Ordinance prohibiting commercial recreational marijuana businesses in the City. A copy of the City Attorney's analysis and the document prepared by the League of California Cities are attached once again for the City Council's convenience.

If adopted, the AUMA would legalize recreational use of recreational marijuana for adults 21 years and older. Unless prohibited by the City, commercial businesses will be

allowed by State law, assuming that appropriate State licenses are obtained. The State is required to start issuing licenses no later than January 1, 2018.

Personal cultivation of 6 or fewer plants will also be allowed by State law if AUMA passes. While the City cannot ban personal cultivation, it is allowed to prohibit outdoor cultivation and also allowed to impose reasonable regulations on personal cultivation. This provision of Proposition 64 will go into effect the day after the November 8, 2016 election if AUMA passes.

Discussion

Proposed Ordinance

Last year the City adopted Chapter 17.39 of the Los Alamitos Municipal Code relating to Medical Marijuana. As that Ordinance related only to banning Medical Marijuana commercial activities, it is necessary to amend the provisions of Chapter 17.39. The proposed Urgency Ordinance divides the Chapter into four subparts. This is in part due to the fact that the terminology is slightly different between the Medical Marijuana provisions of state law and the Recreational Marijuana provisions proposed in AUMA.

- Subpart A consists of the existing provisions relating to Medical Marijuana and Cultivation. Section 17.39.020 was amended to recognize that personal cultivation would be allowed. Additionally, cross-references to the Government Code were changed in the definitions as they were reorganized into alphabetical order when state law was codified.
- Subpart B contains a complete prohibition on all commercial marijuana activities in the City in all zones, including deliveries.
- Subpart C relates to personal cultivation, which will be authorized by AUMA. This subpart prohibits all outdoor cultivation of marijuana plants, unless they are in an enclosed structure. Section 17.39.070 also establishes regulations relating to indoor growth. Additionally, this section requires a permit be issued by the Community Services Department.
- Subsection D relates to violations and remedies. The previous provisions have been amended to indicate that a violation of the Chapter is punishable as a misdemeanor, but provides authority for the City's prosecuting attorney to prosecute a violation as an infraction or reduce a previously filed misdemeanor to an infraction. Additionally, the City may pursue other legal options such as administrative fines.

In accordance with State law, the Urgency Ordinance will only be valid for 45 days, unless extended by the City Council. The Ordinance directs the Planning Commission to study the issues within a reasonable period of time.

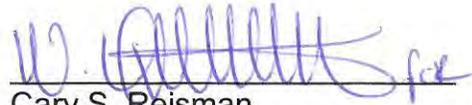
Effective Date

This Ordinance will only go into effect if Proposition 64 passes on November 8, 2016.

FISCAL IMPACT

It is not anticipated that this urgency ordinance will have any fiscal impact.

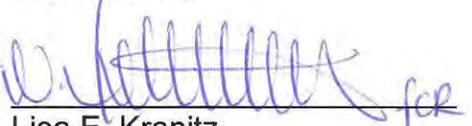
Submitted by:



Cary S. Reisman
City Attorney



Bret M. Plumlee
City Manager



Lisa E. Kranitz
Assistant City Attorney



Steven A. Mendoza
Development Services Director

Attachment: 1. Ordinance No. 2016-08

URGENCY ORDINANCE NO. 2016-08

AN URGENCY ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA AMENDING CHAPTER 17.39 OF THE LOS ALAMITOS MUNICIPAL CODE RELATING TO MEDICAL CANNABIS, ADDING URGENCY PROVISIONS RELATING TO PERSONAL CULTIVATION OF MARIJUANA, AND ADOPTING A MORATORIUM ON ALL COMMERCIAL MARIJUANA ACTIVITIES

THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. RECITALS AND FINDINGS

A. In 2015, effective January 1, 2016, the California Legislature adopted legislation (AB 243, AB 266, and SB 643) collectively identified as the Medical Marijuana Regulation and Safety Act (MMRSA) to comprehensively regulate medical marijuana.

B. In 2015, the City Council adopted Ordinance No. 1511, adopting Chapter 17.39 of the Los Alamitos Municipal Code, prohibiting all commercial activities in the City relating to medical cannabis, including personal cultivation.

C. On the November 8, 2016 ballot is Proposition 64 which is known as the Control, Regulate, and Adult Use of Marijuana Act ("AUMA") which authorizes recreational marijuana use by persons over 21 years of age.

D. AUMA also creates a State licensing scheme for commercial marijuana activities. Licensing must take prior to January 1, 2018, but it is not known when such licensing will actually occur.

E. AUMA allows local jurisdictions to ban all commercial marijuana activities within the City and ban the outside cultivation of marijuana for personal use. If Proposition 64 passes, on the day after the vote, personal cultivation within an enclosed private residence will be allowed, subject to reasonable regulations of the City.

F. The purpose of this Ordinance is to prohibit commercial non-medical marijuana activities in all zones within the City, as well as to impose reasonable regulations on personal cultivation in private residences and accessory structures.

G. Government Code section 36937 provides authority for the City to adopt an Ordinance that goes into effect immediately for the immediate preservation of the public health, safety and welfare. The City Council hereby declares that the fact that personal cultivation will be allowed on the date after the General Election, if Proposition 64 passes, provides an urgent need to adopt this Ordinance and the regulations imposed on personal cultivation as an urgency ordinance without going through the normal process of proceeding through noticed hearings before the Planning Commission and City Council.

H. Government Code section 65858 provides authority for the City to adopt a moratorium on any use that may be in conflict with a contemplated zoning proposal that the City Council, Planning Commission or the planning department intends to study. In accordance with Section 3, staff and the Planning Commission are being directed to study the topics of non-medical marijuana activities and personal cultivation.

SECTION 2. Chapter 17.39 of the Los Alamitos Municipal Code is hereby amended to read as follows:

Chapter 17.39 MEDICAL CANNABIS AND MARIJUANA

SUBPART A – MEDICAL MARIJUANA AND CULTIVATION

17.39.010 Definitions.

For purposes of Subpart A which relates to cannabis for medical purposes as authorized by the Medical Marijuana Regulation and Safety Act, the following definitions shall apply:

“Cannabis” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(f) as the same may be amended from time to time.

“Caregiver” or “primary caregiver” shall have the same meaning as set forth in Health and Safety Code Section 11362.7 as the same may be amended from time to time.

“Commercial cannabis activity” shall have the same meaning as that set forth in Business and Professions Code Section 19300.5(j) as the same may be amended from time to time.

“Cooperative” shall mean two or more persons collectively or cooperatively cultivating, using, transporting, possessing, administering, delivering or making available medical marijuana, with or without compensation.

“Cultivation” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(k) as the same may be amended from time to time.

“Cultivation site” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(l) as the same may be amended from time to time.

“Delivery” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(m) as the same may be amended from time to time.

“Dispensary” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(n) as the same may be amended from time to time.

For purposes of this chapter, “dispensary” shall also include a cooperative. “Dispensary” shall not include the following uses: (1) a clinic licensed pursuant to Chapter 1 of Division 2 of the California Health and Safety Code; (2) a health care facility licensed pursuant to Chapter 2 of Division 2 of the California Health and Safety Code; (3) a residential care facility for persons with chronic life-threatening illnesses licensed pursuant to Chapter 3.01 of Division 2 of the California Health and Safety Code; (4) a residential care facility for the elderly licensed pursuant to Chapter 3.2 of Division 2 of the California Health and Safety Code; (5) a residential hospice or home health agency licensed pursuant to Chapter 8 of Division 2 of the California Health and Safety Code.

“Dispensing” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(o) as the same may be amended from time to time.

“Distribution” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(p) as the same may be amended from time to time.

“Distributor” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(q) as the same may be amended from time to time.

“Manufacturer” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(ad) as the same may be amended from time to time.

“Manufacturing site” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(ae) as the same may be amended from time to time.

“Medical cannabis,” “medical cannabis product,” or “cannabis product” shall have the same meanings as set forth in Business and Professions Code Section 19300.5(af) as the same may be amended from time to time.

“Medical Marijuana Regulation and Safety Act” or “MMRSA” shall mean the following bills signed into law on October 9, 2015 as the same may be amended from time to time: AB 243, AB 246, and SB 643.

“Nursery” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(ag) as the same may be amended from time to time.

“Qualifying patient” or “qualified patient” shall have the same meaning as set forth in Health and Safety Code Section 11362.7 as the same may be amended from time to time.

“Testing laboratory” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(ak) as the same may be amended from time to time.

“Transport” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(am) as the same may be amended from time to time.

“Transporter” shall have the same meaning as set forth in Business and Professions Code Section 19300.5(an) as the same may be amended from time to time.

17.39.020 Prohibition.

A. Commercial cannabis activities of all types are expressly prohibited in all zones in the City of Los Alamitos. No person shall establish, operate, conduct or allow a commercial cannabis activity anywhere within the City.

B. To the extent not already covered by subsection A above, all deliveries of medical cannabis are expressly prohibited within the City of Los Alamitos. No person shall conduct any deliveries that either originate or terminate within the City.

C. This section is meant to prohibit all activities for which a state license is required. Accordingly, the City shall not issue any permit, license or other entitlement for any activity for which a state license is required under the MMRSA.

D. Except as provided in Subpart C, cultivation of cannabis for non-commercial purposes, including cultivation by a qualified patient or a primary caregiver, is expressly prohibited in all zones in the City of Los Alamitos.

SUBPART B – NON-MEDICAL MARIJUANA AND CULTIVATION

17.39.030 Definitions.

For purposes of Subpart B, which relates to the non-medical use of Marijuana as authorized by the Adult Use of Marijuana Act, the following definitions shall apply:

“AUMA” shall mean the Control, Regulate and Tax Adult Use of Marijuana Act (“the Adult Use of Marijuana Act”) identified as Proposition 64 on the November 8, 2016 General Election ballot, as the same may be amended from time to time.

“Commercial marijuana activity” shall include the cultivation, possession, manufacture, distribution, processing, storing, laboratory testing, labeling, transportation, distribution, delivery or sale of non-medical marijuana and marijuana products. Where applicable, the definitions set forth in Business and Professions Code section 26001 shall apply as the same may be amended from time to time.

“Marijuana” shall have the same meaning as set forth in Health and Safety Code Section 11018 as the same may be amended from time to time.

“Private Residence” shall mean a house, an apartment unit, a mobile home, or other similar dwelling.

17.39.040 Prohibition.

A. Commercial marijuana activities of all types are expressly prohibited in all zones in the City of Los Alamitos. No person shall establish, operate, conduct or allow a commercial marijuana activity anywhere within the City.

B. To the extent not already covered by subsection A above, all deliveries of marijuana are expressly prohibited within the City of Los Alamitos. No person shall conduct any deliveries that either originate or terminate within the City.

C. This section is meant to prohibit all activities for which a state license is required under AUMA. Accordingly, the City shall not issue any permit, license or other entitlement for any activity for which a state license is required under the AUMA.

D. Except as provided in subpart C, cultivation of marijuana for non-commercial purposes, is expressly prohibited in all zones in the City of Los Alamitos.

SUBPART C – PERSONAL CULTIVATION

17.39.050 Definitions.

For purposes of Subpart C, the following definitions shall apply:

A. “Authorized Grower” means a person 21 years and older who is authorized by, and in compliance with, state law to cultivate marijuana indoors for personal use, including medical use, and who has obtained a permit from the Development Services Department to cultivate plants for personal use in accordance with AUMA.

B. “Cultivation” means any activity involving the planting, growing, harvesting, drying, curing, grading, trimming, or otherwise processing of marijuana plants or any part thereof.

C. “Fully enclosed and secure structure” means a fully-enclosed space within a building that complies with the California Building Code (“CBC”), as adopted by the City of Los Alamitos, or if exempt from the permit requirements of the CBC, that has a complete roof, a foundation, slab or equivalent base to which the floor is secured by bolts or similar attachments, is secure against unauthorized entry, and is accessible only through one or more lockable doors. Walls and roofs must be constructed of solid

materials that cannot be easily broken through such as two inch by four inch nominal or thicker studs overlaid with three-eighths inch or thicker plywood or the equivalent. Plastic sheeting, regardless of the mil or inches, or similar products do not satisfy this requirement. If indoor grow lights or air filtration systems are used, they must comply with the building and construction codes as adopted by the City of Los Alamitos. If skylights are used, security bars shall be added to the skylights.

D. "Immature marijuana plant" means a marijuana plant, whether male or female, that has not yet flowered and which does not yet have buds that are readily observed by unaided visual examination.

E. "Mature marijuana plant" means a marijuana plant, whether male or female, that has flowered and which has buds that are readily observed by unaided visual examination.

F. "Outdoor" means any location within the City of Los Alamitos that is not within a fully enclosed and secure structure.

G. "Private residence" means a house, apartment unit, mobile home, or other similar dwelling unit.

17.39.060 Outdoor Cultivation.

No outdoor cultivation of marijuana plants shall be allowed in the City of Los Alamitos, even for personal use.(This section shall be of no further force or effect and shall be deemed repealed upon a determination by the California Attorney General that nonmedical use of marijuana is lawful in the State of California under federal law.)

17.39.070 Indoor Cultivation; regulations and permit for residential zones.

A. Notwithstanding anything in Subparts A or B to the contrary, an authorized grower shall be allowed to cultivate marijuana for personal use only within a private residence or a fully enclosed and secure accessory structure to a private residence, in a residential zone, subject to the following regulations in addition to all regulations set forth in AUMA:

1. The marijuana cultivation area shall be contained within one single room.

2. The marijuana plants shall not come within twelve (12) inches of the ceiling or any cultivation lighting.

3. Marijuana cultivation lighting shall not exceed one thousand two hundred watts in total for the total cultivation area within the residence.

4. The use of gas products such as but not limited to CO2, butane, methane, or any other flammable or non-flammable gas for marijuana cultivation or processing is prohibited.

5. There shall be no exterior visibility or evidence of marijuana cultivation outside the private residence or accessory structure from the public right-of-

way, including but not limited to any marijuana plants, equipment used in the growing and cultivation operation, and any light emanating from cultivation lighting.

6. The authorized grower shall reside full-time in the residence where the marijuana cultivation occurs.

7. The authorized grower shall not participate in marijuana cultivation in any other location within the City.

8. The residence shall include fully functional and usable kitchen, bathroom, and bedroom areas for their intended use by the resident authorized grower, and the premises shall not be used primarily or exclusively for marijuana cultivation.

9. The marijuana cultivation area shall be in compliance with the provisions of the applicable building and construction codes as set forth in Title 15 of the Los Alamitos Municipal Code. The building official may impose additional conditions to meet such Codes if necessary, including but not limited to installation of fire suppression sprinklers.

10. The marijuana cultivation area shall not result in a nuisance or adversely affect the health, welfare, or safety of the resident or nearby residents by creating dust, glare, heat, noise, noxious gasses, odors, smoke, traffic, vibration, or other impacts, or be hazardous due to use or storage of materials, processes, products or wastes.

11. No more than 6 marijuana plants, mature or immature, may be planted, cultivated, harvested, dried, or processed within a single private residence at one time.

12. The marijuana plants and any marijuana in excess of 28.5 grams produced by plants must be kept in a locked space on the grounds of the private residence which space is not visible from the public right-of-way by normal unaided vision.

B. No person shall cultivate marijuana in any private residence unless and until such person first secures a permit from the Development Services Department and pays such fee as may be required and set forth by resolution of the City Council.

C. The permit application shall be in a form approved by the City and shall, at a minimum, include:

1. The person's name and date of birth as verified by a valid driver's license, state-issued identification card, or passport;

2. A site-plan of the residence and accessory structure if applicable, which may be hand drawn, indicating where the plants will be located;

3. A description of the method used to secure the plants;

4. An identification of any special lighting or other equipment that will be used to aid in the cultivation of the plants;
5. If the applicant is the owner of the private residence, proof of such ownership; and
6. If the applicant is not the owner of the private residence, a copy of the lease or other rental agreement, along with a signed statement from the owner that the applicant has permission to cultivate plants in accordance with the provisions of AUMA and this Chapter.

SUBPART D–VIOLATIONS AND REMEDIES

17.39.080 Violation.

It is hereby declared to be unlawful, a public nuisance and a violation of this Chapter for any person owning, leasing, occupying, or having charge or possession of any property within the City to cause or allow such property to be used in a manner which violates this Chapter.

17.39.090 Violation – Misdemeanor.

Any violation of this Chapter shall be punishable as a misdemeanor. The City's prosecuting attorney, in his sound discretion, may prosecute a violation of this Chapter as an infraction rather than a misdemeanor, or reduce or agree to the reduction of a previously filed misdemeanor to an infraction.

17.39.100 Public nuisance.

Any use or condition caused, or permitted to exist, in violation of any provision of this chapter shall be, and hereby is declared to be, a public nuisance and may be summarily abated by the City pursuant to Code of Civil Procedure Section 731 or any other remedy available to the City.

17.39.110 Civil penalties.

In addition to any other enforcement permitted by this chapter, the City's prosecuting attorney may bring a civil action for injunctive relief or the City may pursue administrative fines and penalties pursuant to Chapter 1.24 of this code against any person or entity that violates this chapter. In any civil action brought pursuant to this chapter, a court of competent jurisdiction may award reasonable attorney's fees and costs to the prevailing party.

SECTION 3. The City Council hereby directs staff and the Planning Commission to study within a reasonable time the issues relating to reasonable regulations on personal cultivation and a permanent ban on commercial, non-medical marijuana activities. The Development Services Department is hereby directed to provide a report to the City Council for its approval at least 10 ten days prior to the expiration date of this Ordinance describing the measures which have been taken to alleviate the conditions which led to the adoption of the ordinance.

SECTION 4. For the reasons set forth in Section 1, this Ordinance shall take effect immediately. However, should Proposition 64 fail to pass in the November 8, 2016

General Election, this Ordinance shall be of no further force and effect. This Ordinance shall remain in effect for 45 days, unless extended in accordance with the procedures of Government Code § 65858.

SECTION 5. If any section, subsection, subdivision, sentence, clause, phrase or portion of this Ordinance, is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have adopted this Ordinance and each section, subsection, subdivision, sentence, clause, phrase, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, or portions thereof be declared invalid or unconstitutional.

SECTION 6. The City Clerk shall certify as to the adoption of this Ordinance and shall cause a summary thereof to be published within fifteen (15) days of adoption and shall post a certified copy of this Ordinance, including the vote for and against same, in the Office of the City Clerk, in accordance with Government Code Section 36933.

PASSED, APPROVED, AND ADOPTED this 17th day of October, 2016.

Richard D. Murphy, Mayor

ATTEST:

Windmera Quintanar, CMC, City Clerk

APPROVED AS TO FORM:

Cary S. Reisman, City Attorney

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss.
CITY OF LOS ALAMITOS)

I, Windmera Quintanar, CMC, City Clerk of the City of Los Alamitos, do hereby certify that the foregoing Urgency Ordinance No. 2016-08, was adopted at a regular meeting of the City Council on the 17th day of October, 2016, pursuant to Government Code Section 36937 (b), by the following roll-call vote, to wit:

AYES: COUNCIL MEMBERS:
NOES: COUNCIL MEMBERS:
ABSENT: COUNCIL MEMBERS:
ABSTAIN: COUNCIL MEMBERS:

Windmera Quintanar, CMC, City Clerk

City of Los Alamitos

Agenda Report Ordinances

October 17, 2016
Item No: 10B

To: Mayor Richard D. Murphy & Members of the City Council

Via: Bret M. Plumlee, City Manager

From: Steven A. Mendoza, Development Services Director

Subject: 2016 Building Standards Code and Fire Code Adoption

Summary: Every three years the State of California adopts model building codes. The 2016 California Building Standards Code will take effect on January 1, 2017. The City is charged with adopting local amendments necessary for local conditions before the end of the year in order for the amendments to be effective. The attached Ordinances implement the adoption.

Recommendations:

1. Waive reading in full and authorize reading by title only of Ordinance No. 2016-06, and Ordinance No. 2016-07; and,
2. City Attorney Reisman read the title of Ordinance No. 2016-06, entitled, "AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, REPEALING CHAPTER 15.04 OF TITLE 15 OF THE LOS ALAMITOS MUNICIPAL CITY CODE AND ADDING A NEW CHAPTER 15.04, ADOPTING BY REFERENCE: VARIOUS PROVISIONS OF THE 2016 EDITION OF THE CALIFORNIA BUILDING STANDARDS CODES (CALIFORNIA CODE OF REGULATIONS, TITLE 24), CONSISTING OF THE CALIFORNIA ADMINISTRATIVE CODE, THE CALIFORNIA BUILDING CODE, THE CALIFORNIA RESIDENTIAL CODE, THE CALIFORNIA GREEN BUILDING STANDARDS CODE, THE CALIFORNIA ELECTRICAL CODE, THE CALIFORNIA MECHANICAL CODE, THE CALIFORNIA PLUMBING CODE, THE CALIFORNIA ENERGY CODE, AND THE CALIFORNIA REFERENCED STANDARDS CODE; THE 2015 INTERNATIONAL PROPERTY MAINTENANCE CODE, WITH CERTAIN AMENDMENTS, ADDITIONS, DELETIONS AND EXCEPTIONS THERETO," and,
3. City Attorney Resisman read the title of Ordinance No. 2016-07, entitled, "AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, DELETING CHAPTER 15.08 OF THE LOS ALAMITOS MUNICIPAL CODE AND ADDING A NEW CHAPTER 15.08 ADOPTING BY REFERENCE THE 2016 EDITION OF THE CALIFORNIA FIRE CODE (TITLE 24, PART 9) WITH APPENDICES AND AMENDMENTS THERETO".

Background

The State of California Building Standards Commission has adopted the 2016 California Building Standards Code, which includes the following codes:

1. The 2016 California Administrative Code;
2. The 2016 California Building Code with Appendix G Flood Resistant Construction and Appendix J Grading;
3. 2016 California Residential Code with Appendix V Swimming Pools, Spas and Hot Tubs;
4. 2016 California Electrical Code;
5. 2016 California Mechanical Code;
6. 2016 California Plumbing Code;
7. 2016 California Energy Code;
8. 2016 California Green Building Standards;
9. 2016 California Referenced Standards Code;
10. 2015 International Property Maintenance.

State law mandates that California jurisdictions enforce the California Building Standards Code, effective January 1, 2017, for all new building construction in California. Noteworthy changes in the 2016 California Building Standards Code include:

- Clarification that tutoring centers and similar uses are classified within the business occupancy group and not the educational occupancy group.
- Relaxed standards for designs involving integrated parking structure and building.
- Increased energy efficiency for new and remodeled buildings. For example, a single-family home built under the 2016 Energy Code will be on average approximately 28 percent more efficient.
- Revised thresholds at which projects become subject to construction waste recycling requirements to include all non-residential projects and residential renovations that involve added area.

In addition to the state codes listed above, portions of the Uniform Housing Code are proposed for adoption to establish maintenance standards for housing in accordance with state law. Earlier editions of each of these codes have been adopted by the City.

While the California Building Standards Commission adopts building and fire code standards to be used statewide, City Council action to adopt the codes at a local level is also part of the code adoption process. Adoption by the City allows for the inclusion of administrative provisions and limited amendments to the state codes. State law permits local jurisdictions to make modifications to the state codes that are reasonably necessary because of local conditions provided the City makes express findings that the changes are needed because of climatic, geologic or topographic conditions. The

proposed ordinance contains the adoption of the codes, administrative provisions for the enforcement of the codes, and amendments to the codes based on local conditions.

There are also findings regarding local geologic, climatic and topographic conditions that make the amendments to the state codes reasonably necessary for building construction in the City.

Discussion

Again this term, the Orange County Fire Authority is recommending an amendment that requires a homeowner undertaking a remodel to install sprinklers on the entire house (not just the new portion of the house) if they are adding 33% or more space and greater than 1,000 square feet. Last term, the City Council adopted a threshold of 33% and 5,000 square feet. Staff is recommending that we retain our 5,000 square feet threshold.

While most neighborhoods would not be impacted due to their inability to expand beyond 1,000 square feet, there is currently a mini-building boom in Carrier Row where larger homes are being rebuilt.

Staff is recommending the following changes to this section as represented in the box to the right. The remainder of the proposed amendments are administrative or procedural in nature. Both Ordinances set forth a number of findings, which are necessary to enable the City to amend the new Building Standard Codes and Fire Codes to meet our local conditions.

R313.2 One- and two-family dwellings automatic fire sprinkler systems. An automatic residential fire sprinkler system installed in one- and two-family dwellings as follows:

New buildings: An automatic sprinkler system shall be installed throughout all new buildings.

Existing buildings: An automatic sprinkler system shall be installed throughout when one of the following conditions exists:

1. When an addition is 33% or more of the existing building area, as defined in Section 502.1, and greater than 5,000 square feet (92.903m²) within a two-year period; or
2. An addition when the existing building is already provided with automatic sprinklers; or
3. When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determines that the complexity of installing a sprinkler system would be similar as in a new building.

Orange County Fire Authority (OCFA) changes

Orange County Fire Authority is providing amendments to the code with the goals to maximize alignment between OCFA and State-adopted requirements and to reduce amendments to only those that are necessary and practical to ensure that they:

- a. Address local conditions (climate, geology, topography)
- b. Are necessary from a life-safety/firefighting/fire prevention standpoint
- c. Are necessary from an administrative standpoint, and/or practical from an enforcement standpoint

For this round of Code adoption there are 58 amendments summarized by OCFA as follows:

- 39 are being carried forward either as-is or with minor clerical/editorial changes
- 12 new amendments
 - Ch. 4: 1 changes reference to Haz Mat Inventory Statement (HMIS) to OCFA Chemical Classification
 - Ch. 5: 1 for adoption of OCFA Guidelines B-09/B-09a for FD access and water supply
 - Ch.5: 5 related to emergency responder radio systems
 - Ch.28: 4 related to green waste/composting
 - Ch.56: 1 for a 100' fireworks fallout area, currently in the adopted OCFA guideline
- 7 existing amendments being carried forward: revision = substantial change to language or formatting or the revision results in a change in regulatory effect
 - Ch. 1: Misdemeanor/Infractions—consolidated 3 amendments into two; fines to be based on OCFA fee schedule
 - Ch. 2: Definitions—removed 7 related to deleted amendments or where defined elsewhere, modified “Spark Arrester” definition, added “OCFA,” and carried “Sky Lantern” forward without change
 - Ch. 3: Removed exception that allowed tethering of sky lanterns
 - Ch. 5: BDA requirements now based on CFC, as amended, instead of an OCFA guideline
 - Ch. 9: Made Irvine’s exception for unsprinklered *open* parking garages >5000 sq.ft. universal throughout OCFA jurisdiction
 - NFPA 24: Consolidated 2 amendments for painting sprinkler control valves red into a single amendment
 - NFPA 24: Allow *wrapping* of underground pipe in a PE *sheet* instead of requiring a PE tube

Tonight is the first reading of the proposed Ordinances. The second reading would be held during the next City Council meeting and the Ordinances would be effective 30 days after adoption.

Fiscal Impact

None.

Submitted By:



Steven A. Mendoza
Development Services Director

Approved By:



Bret M. Plumlee
City Manager

*Attachments: 1. Ordinance No. 16-06, including findings as Exhibit A
2. Ordinance No. 16-07, including findings as Exhibit A*

ORDINANCE NO. 2016-06

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, REPEALING CHAPTER 15.04 OF TITLE 15 OF THE LOS ALAMITOS MUNICIPAL CITY CODE AND ADDING A NEW CHAPTER 15.04, ADOPTING BY REFERENCE: VARIOUS PROVISIONS OF THE 2016 EDITION OF THE CALIFORNIA BUILDING STANDARDS CODES (CALIFORNIA CODE OF REGULATIONS, TITLE 24), CONSISTING OF THE CALIFORNIA ADMINISTRATIVE CODE, THE CALIFORNIA BUILDING CODE, THE CALIFORNIA RESIDENTIAL CODE, THE CALIFORNIA GREEN BUILDING STANDARDS CODE, THE CALIFORNIA ELECTRICAL CODE, THE CALIFORNIA MECHANICAL CODE, THE CALIFORNIA PLUMBING CODE, THE CALIFORNIA ENERGY CODE, AND THE CALIFORNIA REFERENCED STANDARDS CODE; THE 2015 INTERNATIONAL PROPERTY MAINTENANCE CODE, WITH CERTAIN AMENDMENTS, ADDITIONS, DELETIONS AND EXCEPTIONS THERETO.

THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Findings.

- A. California law provides that on January 1, 2017, all portions of the 2016 Building Standards Code will be effective within the City.
- B. Pursuant to Sections 17922, 17958, 17958.5 and 17958.7 of the California Health and Safety Code, the City may amend the provisions of the Building Standards Code which are reasonably necessary to protect the health, welfare and safety of citizens of Los Alamitos because of "local climatic, geological, or topographical conditions."
- C. The City of Los Alamitos is located in the northwest portion of Orange County and is more prone to high winds and earthquakes than other portions of the state.
- D. The Orange County Fire Authority and the City's Building Official have recommended modifying the 2016 California Building Standards Code due to local conditions in the City of Los Alamitos.
- E. The findings within Exhibit A are incorporated by reference. Such findings are in accordance with the California Health and Safety Code Sections.
- F. The Building Official has also recommended adoption of the 2015 version of the International Property Maintenance Code, as published by the International Code Council.
- G. Title 25 of the California Code of Regulations, Division 1, Chapter 1, Subchapter 1, Article 3, Section 6 requires a city to adopt ordinances or regulations imposing the requirements contained in SubChapter 1 entitled "State Housing Law Regulations."
- H. In accordance with CEQA Guidelines Section 15060(c)(2) – The adoption of this Ordinance will not foreseeably result in direct or reasonably foreseeable indirect impacts and is exempt from the provisions of the California Environmental Quality Act.

SECTION 2. Chapter 15.04 of the Los Alamitos Municipal Code is hereby repealed in its entirety and a new Chapter 15.04 is hereby added as follows:

Sec. 15.04.010 Construction Codes Adopted.

- A. For the purpose of prescribing regulations for erecting, construction, enlargement, alteration, repair, improving, removal, conversion, demolition, occupancy, maintenance, equipment use, height, and area of buildings and structures, the following Construction Codes subject to the modifications set forth in this Chapter, are hereby adopted:
1. The 2016 California Administrative Code;
 2. The 2016 California Building Code with Appendix G Flood Resistant Construction and Appendix J Grading;
 3. 2016 California Residential Code with Appendix V Swimming Pools, Spas and Hot Tubs;
 4. 2016 California Electrical Code;
 5. 2016 California Mechanical Code;
 6. 2016 California Plumbing Code;
 7. 2016 California Energy Code;
 8. 2016 California Green Building Standards;
 9. 2016 California Referenced Standards Code;
 10. 2015 International Property Maintenance;
- B. The Codes set forth in A.1 through A.10, as amended by this chapter, along with the 2016 California Fire Code as amended in Chapter 15.04.08, constitute the Building Standards Code (hereinafter referred to collectively as "Codes"). The Building Standards Code, above shall constitute the Building Regulations of the City of Los Alamitos.
- C. One (1) copy of all the above Codes and Standards shall be kept on file in the office of the Building Official pursuant to Health and Safety Code Section 18942 (d)(1) and made available for public inspection.
- D. References in Documents and Continuing Legal Effect. References to prior editions of the Building Standards Code or the Municipal Code sections amended herein that are cited on notices issued by the City or other documents of ongoing or continuing legal effect, including specifically resolutions adopting or imposing fees or charges, until converted, are deemed to be references to the new counterpart 2016 Building Standards Code or amended Municipal Code sections for the purposes of notice and enforcement. The provisions adopted hereby shall not in any manner affect deposits, established fees or other matters of record which refer to, or are otherwise connected with, ordinances which are specifically designated by number, code section or otherwise, but such references shall be deemed to apply to the corresponding provisions set forth in the 2016 Building

Standards Code adopted hereby. Any fee authorized by the above-referenced construction codes which was in effect in the city at the time of the adoption of this ordinance need not be re-adopted by resolution, and shall continue in effect, and remain unadjusted in amount unless and until the City Council adopts a resolution repealing the fee or establishing a different fee.

15.04.030 Amendments to the 2016 California Building Code.

Section 104.8 Liability is hereby amended by adding a sentence to the end of the paragraph as follows:

The provisions of this section shall apply if the Building Official or his/her authorized representatives are employees of this jurisdiction and shall also apply if the Building Official or his/her authorized representatives are acting under contract as agents of this jurisdiction.

Section 105.2 Work exempt from a permit is hereby amended by amending Exemption 2 as follows:

2. Fences not over 6 feet (2134 mm) high.

Section 113.1 is amended as follows:

113.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the Building Official relative to the application and interpretation of this code, there shall be and is hereby created a Board of Appeals. The Board of Appeals shall consist of five members and composed of the Mayor and the other members of the City Council. Said members shall hold their respective membership on said Board of Appeals by reason of, and concurrently with their terms of service as Council members and shall cease to be such members upon their ceasing to be Council members. The Building Official shall be the Secretary of the Board. The Board may adopt reasonable rules and regulations for conducting its investigations and shall render all its decisions and findings on contested matters in writing to the Building Official, with duplicative copy thereof to any appellant or contestant affected by any such decision of finding.

Three members of the Board shall constitute a quorum. The Mayor shall be the presiding Officer of the Board. Meetings shall be conducted in accordance with the Brown Act.

The Board shall have the right, subject to such limits as the City Council may prescribe by resolution, to employ at the cost and expense of the City, such qualified individuals as the Board, in its discretion, may deem reasonably necessary in order to assist it in its investigations and making its findings and decisions.

Section 113.3 is deleted in its entirety without replacement.

Sections 202 General Definitions is hereby revised by adding “Spark Arrester” as follows:

202 General Definitions

SPARK ARRESTER. A listed device constructed of noncombustible material specifically for the purpose of meeting one of the following conditions:

1. Removing and retaining carbon and other flammable particles/debris from the exhaust flow of an internal combustion engine in accordance with California Vehicle Code Section 38366.
2. Fireplaces that burn solid fuel in accordance with California Building Code Chapter 28.

Section 701A.3 Application is hereby revised to read as follows:

701A.3 Application. New buildings located in any Fire Hazard Severity Zone or any Wildland-Urban Interface Fire Area designated by the enforcing agency constructed after the application date, and additions to and remodel of buildings constructed before 2012 located in areas currently designated as such, shall comply with the provisions of this chapter. The provisions shall also apply to additions, remodels, and accessory structures located within 100 feet of a fuel modification zone, vegetation management area, or similar area containing hazardous combustible vegetation, regardless of whether the property is currently located in a designated Fire Hazard Severity Zone or Wildland-Urban Interface Fire Area, when materials and/or construction methods for exterior wildfire exposure were previously required at the property by the Building or Fire Code Official.

Exceptions:

1. Buildings of an accessory character classified as a Group U occupancy and not exceeding 120 square feet in floor area, when located at least 30 feet from the applicable building.
2. Buildings of an accessory character classified as a Group U occupancy of any size located least 50 feet from an applicable building.
3. Buildings classified as a Group U Agricultural Building, as defined in Section 202 of this code (see also Appendix C – Group U Agricultural Buildings), when located at least 50 feet from an applicable building.

Section 710A.3.2 is hereby revised to read as follows:

710A.3.2 Detached accessory structures within 50 feet of an applicable building shall comply with the requirements of this section.

Section 710A.4 Requirements is hereby revised to read as follows:

710A.4 Requirements. Accessory structures shall be constructed of non-combustible or ignition-resistant materials.

Section 903.2 Where required is hereby amended as follows:

[F] 903.2 Where required. Approved automatic sprinkler systems in buildings and structures shall be provided in the following locations:

1. **New buildings:** Notwithstanding any applicable provisions of Sections 903.2.1 through 903.2.12, an automatic fire-extinguishing system shall also be installed in all occupancies when the total building area, as defined in Section 202, exceeds 5,000 square feet (465 m²), or more than two stories in height, regardless of fire areas or allowable area.

Exception: Group R-3 occupancies. Group R-3 occupancies shall comply with California Residential Code Section R313.2.

2. **Existing buildings:** Notwithstanding any applicable provisions of this code, an automatic sprinkler system shall be provided in an existing building when an addition occurs and when one of the following conditions exists:
 - a. When the addition is 33% or more of the existing building area and the resulting building area, as defined in Section 202, exceeds 5000 square feet (465 m²); or
 - b. When the addition exceeds 2,000 square feet (185.81 m²) and the resulting building area, as defined in Section 202, exceeds 5,000 square feet (465 m²); or
 - c. An additional story is added above the second floor regardless of fire areas or allowable area.

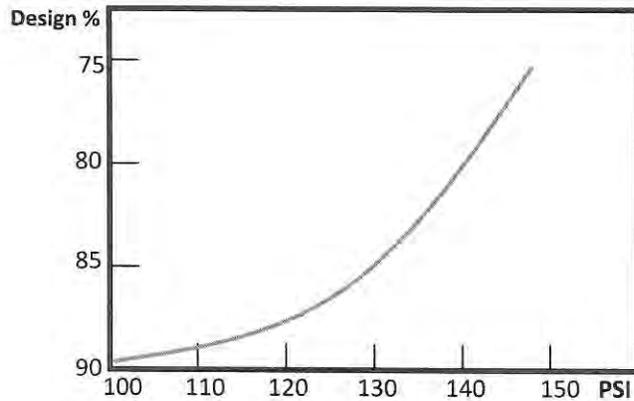
Table 1505.1 is amended, by the deletion of Table 1505.1 and the addition of a new Table 1505.1 thereto, to read as follows:

Section 903.3.5.3 Hydraulically calculated systems is hereby added as follows:

903.3.5.3 Hydraulically calculated systems. The design of hydraulically calculated fire sprinkler systems shall not exceed 90% of the water supply capacity.

Exception: When static pressure exceeds 100 psi, and when required by the fire code official, the fire sprinkler system shall not exceed the water supply capacity specified by Table 903.3.5.3.

**TABLE 903.3.5.3
Hydraulically Calculated Systems**



**TABLE 1505.1^a
MINIMUM ROOF COVERING CLASSIFICATIONS
TYPES OF CONSTRUCTION**

IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
B	B	B	B	B	B	B	B	B

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m².

a. Unless otherwise required in accordance with Chapter 7A.

Section 1505.1.3 is amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

1505.1.3 Roof coverings within all other areas. The entire roof covering of every existing structure where more than 50 percent of the total roof area is replaced within any one-year period, the entire roof covering of every new structure, and any roof covering applied in the alteration, repair or replacement of the roof of every existing structure, shall be a fire-retardant roof covering that is at least Class B.

Section 1505.5 is hereby amended, by the deletion of the entire section.

Section 1505.7 is hereby amended, by the deletion of the entire section.\

Section 1807.1.6 is amended to read as follows:

1807.1.6 Prescriptive design of concrete and masonry foundation walls. Concrete and masonry foundation walls that are laterally supported at the top and bottom shall be permitted to be designed and constructed in accordance with this section. Prescriptive design of foundation walls shall not be used for structures assigned to Seismic Design Category D, E or F.

Section 3109.4.4.2 Construction Permit; safety features required.

The first paragraph of section 3109.4.4.2 is revised by adding text to provide:

3109.4.4.2 Construction permit; safety features required.

New pools or spas: Commencing January 1, 2007, except as provided in Section 3109.4.4.5, whenever a building permit is issued for construction of a new swimming pool or spa, or any building permit is issued for remodeling of an existing pool or spa, at a private, single-family home, it shall have an enclosure complying with 3109.4.4.3 and, it shall be equipped with at least one of the following seven drowning prevention safety features:

Chapter 35 Referenced Standards is adopted in its entirety with the following amendments:

NFPA 13, 2016 Edition, Standard for the Installation of Sprinkler Systems is hereby amended as follows:

Section 6.7.3 is hereby revised to read as follows:

6.7.3 Fire department connections (FDC) shall be of an approved type. The location shall be approved and be no more than 150 feet from a public hydrant. The FDC may be located within 150 feet of a private fire hydrant when approved by the fire code official. The size of piping and the number of 2½" inlets shall be approved by the fire code official. If acceptable to the water authority, it may be installed on the backflow assembly. Fire department inlet connections shall be painted OSHA safety red or as approved. When the fire sprinkler density design requires more than 500 gpm (including inside hose stream demand), or a standpipe system is included, four 2½" inlets shall be provided.

Section 8.3.3.1 is hereby revised to read as follows:

8.3.3.1 When fire sprinkler systems are installed in shell buildings of undetermined use (Spec Buildings) other than warehouses (S occupancies), fire sprinklers of the quick-response type shall be used. Use is considered undetermined if a specific

tenant/occupant is not identified at the time the fire sprinkler plan is submitted. Sprinklers in light hazard occupancies shall be one of the following:

1. Quick-response type as defined in 3.6.4.8
2. Residential sprinklers in accordance with the requirements of 8.4.5
3. Quick response CMSA sprinklers
4. ESFR sprinklers
5. Standard-response sprinklers used for modifications or additions to existing light hazard systems equipped with standard-response sprinklers
6. Standard-response sprinklers used where individual standard-response sprinklers are replaced in existing light hazard systems

Section 11.1.1.1 is hereby added as follows:

11.1.1.1 When fire sprinkler systems are required in buildings of undetermined use other than warehouses, they shall be designed and installed to have a fire sprinkler density of not less than that required for an Ordinary Hazard Group 2 use, with no reduction(s) in density or design area. Warehouse fire sprinkler systems shall be designed to Figure 16.2.1.3.2 (d) curve "G". Use is considered undetermined if a specific tenant/occupant is not identified at the time the sprinkler plan is submitted. Where a subsequent use or occupancy requires a system with greater capability, it shall be the responsibility of the occupant to upgrade the system to the required density for the new use or occupancy.

Section 11.2.3.1.1.1 is hereby added as follows:

11.2.3.1.1.1 The available water supply for fire sprinkler system design shall be determined by one of the following methods, as approved by the fire code official:

- 1) Subtract the project site elevation from the low water level for the appropriate pressure zone and multiply the result by 0.433;
- 2) Use a maximum of 40 psi, if available;
- 3) Utilize the OCFA water-flow test form/directions to document a flow test conducted by the local water agency or an approved third party licensed in the State of California.

NFPA 13D 2016 Edition, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes is hereby amended as follows:

Section 7.1.2 is hereby revised to read as follows:

7.1.2 The sprinkler system piping shall not have separate control valves installed unless supervised by a central station, proprietary, or remote station alarm service.

NFPA 14, 2013 Edition, Installation of Standpipe and Hose Systems is hereby

amended as follows:

Section 7.3.1.1 is hereby revised to read as follows:

7.3.1.1 Class I and III Standpipe hose connections shall be unobstructed and shall be located not less than 18 inches or more than 24 inches above the finished floor. Class II Standpipe hose connections shall be unobstructed and shall be located not less than 3 feet or more than 5 feet above the finished floor.

NFPA 24, 2016 Edition, Standard for the Installation of Private Fire Service Mains and Their Appurtenances is hereby amended as follows:

Section 6.2.8.1 is hereby added as follows:

6.2.8.1 All indicating valves controlling fire suppression water supplies shall be painted OSHA red.

Exceptions:

1. Brass or bronze valves on sprinkler risers mounted to the exterior of the building may be left unpainted.
2. Where OS&Y valves on the detector check assembly are the only control valves, at least one OS&Y valve shall be painted red.

Section 6.2.9 is hereby revised to read as follows:

All connections to private fire service mains for fire protection systems shall be arranged in accordance with one of the following so that they can be isolated:

- (1) A post indicator valve installed not less than 40 ft (12 m) from the building
 - (a) For buildings less than 40 ft (12 m) in height, a post indicator valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the post indicator valve.
- (2) A wall post indicator valve
- (3) An indicating valve in a pit, installed in accordance with Section 6.4
- (4) A backflow preventer with at least one indicating valve not less than 40 ft (12 m) from the building
 - (a) For buildings less than 40 ft (12 m) in height, a backflow preventer with at least one indicating valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the backflow preventer.

- (5) Control valves installed in a fire-rated room accessible from the exterior
- (6) Control valves in a fire-rated stair enclosure accessible from the exterior

Section 10.1.5 is hereby added as follows:

10.1.5 All ferrous pipe and joints shall be polyethylene encased per AWWA C150, Method A, B, or C. All fittings shall be protected with a loose 8-mil polyethylene tube or sheet. The ends of the tube or sheet shall extend past the joint by a minimum of 12 inches and be sealed with 2 inch wide tape approved for underground use. Galvanizing does not meet the requirements of this section.

Exception: 304 or 316 Stainless Steel pipe and fittings

Section 10.4.1.1 is hereby revised to read as follows:

10.4.1.1 All bolted joint accessories shall be cleaned and thoroughly coated with asphalt or other corrosion-retarding material after installation.

Exception: Bolted joint accessories made from 304 or 316 stainless steel.

Section 10.4.1.1.1 is hereby added as follows:

10.4.1.1.1 All bolts used in pipe-joint assembly shall be 316 stainless steel.

Section 10.4.3.2 is hereby revised to read as follows:

10.4.3.2 Where fire service mains enter the building adjacent to the foundation, the pipe may run under a building to a maximum of 24 inches, as measured from the interior face of the exterior wall to the center of the vertical pipe. The pipe under the building or building foundation shall be 304 or 316 stainless steel and shall not contain mechanical joints or it shall comply with 10.4.3.2.1 through 10.4.3.2.4.

15.04.40 Amendments to the 2016 California Residential Code.

Section 202 Definitions is hereby revised by adding "OCFA" and "Spark Arrester" as follows:

OCFA: Orange County Fire Authority, fire authority having jurisdiction.

SPARK ARRESTER. A listed device constructed of noncombustible material specifically for the purpose of meeting one of the following conditions:

3. Removing and retaining carbon and other flammable particles/debris from the exhaust flow of an internal combustion engine in accordance with California Vehicle Code Section 38366.
4. Fireplaces that burn solid fuel in accordance with California Building Code Chapter 28.

Table R301.2(1) is revised to read as follows:

**TABLE R301.2(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP ^e	ICE BARRIER UNDERLAYMENT REQUIRED ^h	FLOOD HAZARDS ^g	AIR FREEZING INDEX ⁱ	MEAN ANNUAL TEMP ^j
	Speed ^d (mph)	Topographic effects ^k	Special wind region ^l	Wind-borne debris zone ^m		Weathering ^a	Frost line Depth ^b	Termite ^c					
Zero	110	No	No	No	D ₂ or E	Negligible	12-24"	Very Heavy	43	No	No	0	60

For SI: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.

- a. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The weathering column shall be filled in with the weathering index (i.e., "negligible," "moderate" or "severe") for concrete as determined from the Weathering Probability Map [Figure R301.2(3)]. The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.
- b. The frost line depth may require deeper footings than indicated in Figure R403.1(1). The jurisdiction shall fill in the frost line depth column with the minimum depth of footing below finish grade.
- c. The jurisdiction shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.
- d. The jurisdiction shall fill in this part of the table with the wind speed from the basic wind speed map [Figure R301.2(4)]. Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.4.
- e. The outdoor design dry-bulb temperature shall be selected from the columns of 971/2-percent values for winter from Appendix D of the *California Plumbing Code*. Deviations from the Appendix D temperatures shall be permitted to reflect local climates or local weather experience as determined by the building official.
- f. The jurisdiction shall fill in this part of the table with the seismic design category determined from Section R301.2.2.1.
- g. The City of Los Alamitos does not have any Flood Hazards Zones. (OR, if yes) See City's FIRM maps for Flood Hazard Locations.
- h. In accordance with Sections R905.2.7.1, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall fill in this part of the table with "NO."
- i. The jurisdiction shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99%) value on the National Climatic Data Center data table "Air Freezing Index- USA Method (Base 32°)" at www.ncdc.noaa.gov/fpsf.html.
- j. The jurisdiction shall fill in this part of the table with the mean annual temperature from the National

Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)" at www.ncdc.noaa.gov/fpsf.html.

- k. In accordance with Section R301.2.1.5, where there is local historical data documenting structural damage to buildings due to topographic wind speed-up effects, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall indicate "NO" in this part of the table.
- l. In accordance with Figure R301.2(4)A, where there is local historical data documenting unusual wind conditions, the jurisdiction shall fill in this part of the table with "YES" and identify any specific requirements. Otherwise, the jurisdiction shall indicate "NO" in this part of the table.
- m. In accordance with Section R301.2.1.2.1, the jurisdiction shall indicate the wind-borne debris wind zone(s). Otherwise, the jurisdiction shall indicate "NO" in this part of the table.

Section R301.9 Fuel Modification Requirements for New Construction is hereby added as follows:

R301.9 Fuel Modification Requirements for New Construction. All new structures and facilities adjoining land containing hazardous combustible vegetation shall be approved and in accordance with the requirements of OCFA Guideline C-05 "Vegetation Management Guideline – Technical Design for new Construction Fuel Modification Plans and Maintenance Program."

Section R309.6 Fire sprinkler attached garages, and carports with habitable space above is hereby amended by modifying the exception to read as follows:

Exception: An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing carports and/or garages that do not have an automatic fire sprinkler system installed unless a sprinkler system is required in accordance with California Fire Code Section 903.2.8.

Section R313.1 Townhouse automatic fire sprinkler systems is hereby amended by modifying the exception to read as follows:

Exception: An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses that do not have an automatic fire sprinkler system installed unless a sprinkler system is required in accordance with California Fire Code Section 903.2.8.

Section R313.2 One- and two-family dwellings automatic fire sprinklers systems. An automatic residential fire sprinkler system installed in one- and two-family dwellings as follows:

New buildings: An automatic sprinkler system shall be installed throughout all new buildings.

Existing buildings: An automatic sprinkler system shall be installed throughout when one of the following conditions exists:

1. When an addition is 33% or more of the existing building area, as defined in Section 502.1, and greater than 5,000 square feet (92.903m²) within a two-year period; or
2. An addition when the existing building is already provided with automatic sprinklers; or
3. When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determines that the complexity of installing a sprinkler system would be similar as in a new building.

Section R313.3.6.2.2 Calculation procedure is hereby revised to read as follows:

Section R313.3.6.2.2 Calculation procedure. Determination of the required size for water distribution piping shall be in accordance with the following procedure and California Fire Code Section 903.3.5.3.

(The remainder of the section is unchanged)

Section R319.1 Address identification is hereby revised to read as follows:

R319 Site Address. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 4 inches in height with a stroke width of not less than 0.5 inch. Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

Section R337.1.3 Application is hereby revised to read as follows:

R337.1.3 Application. New buildings located in any Fire Hazard Severity Zone or any Wildland-Urban Interface Fire Area designated by the enforcing agency constructed after the application date, and additions to and remodel of buildings constructed before 2012 located in areas currently designated as such, shall comply with the provisions of this chapter. The provisions shall also apply to additions, remodels, and accessory structures located within 100 feet of a fuel modification zone, vegetation management area, or similar area containing hazardous combustible vegetation, regardless of whether the property is currently located in a designated Fire Hazard Severity Zone or Wildland-Urban Interface Area, when materials and/or construction methods for exterior wildfire

exposure were previously required at the property by the Building or Fire Code Official.

Exceptions:

1. Buildings of an accessory character classified as a Group U occupancy and not exceeding 120 square feet in floor area, when located at least 30 feet from an applicable building.
2. Buildings of an accessory character classified as a Group U occupancy of any size located at least 50 feet from an applicable building.
3. Buildings classified as a Group U Agricultural Building, as defined in Section 202 of this code (see also Appendix C – Group U Agricultural Buildings), when located at least 50 feet from an applicable building.

Section R337.1.6 Fuel Modification Requirements for New Construction is hereby added as follows:

R337.1.6 Fuel Modification Requirements for New Construction. All new buildings to be built or installed in a Wildfire Risk Area shall comply with the following:

1. Preliminary fuel modification plans shall be submitted to and approved by the fire code official prior to or concurrently with the approval of any tentative map.
2. Final fuel modification plans shall be submitted to and approved by the fire code official prior to the issuance of a grading permit.
3. The fuel modification plans shall meet the criteria set forth in the Fuel Modification Section of OCFA Guideline C-05 “Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program.”
 - 3.1. The fuel modification plan shall include provisions for the maintenance of the fuel modification in perpetuity.
4. The fuel modification plan may be altered if conditions change. Any alterations to the fuel modification areas shall have prior approval from the fire code official.
5. All elements of the fuel modification plan shall be maintained in accordance with the approved plan and are subject to the enforcement process outlined in the Fire Code.

Section R902.1 is amended by revising it to allow only class A or B roofs as follows:

R902.1 Roofing covering materials. Roofs shall be covered with materials as set forth in Sections R904 and R905. A minimum Class A or B roofing shall be installed in areas designated by this section. Classes A or B roofing required by

this section to be listed shall be tested in accordance with UL 790 or ASTM E 108.

Exceptions:

1. Class A roof assemblies include those with coverings of brick, masonry and exposed concrete roof deck.
2. Class A roof assemblies also include ferrous or copper shingles or sheets, metal sheets and shingles, clay or concrete roof tile, or slate installed on noncombustible decks.

Section R902.1.3 is amended by revising it to require a minimum Class B roof as follows:

R902.1.3 Roof coverings within all other areas. The entire roof covering of every existing structure where more than 50 percent of the total roof area is replaced within any one-year period, the entire roof covering of every new structure, and any roof covering applied in the alteration, repair or replacement of the roof of every existing structure, shall be a fire-retardant roof covering that is at least Class B.

Section R902.2, first paragraph is amended by revising it to allow only Class A or B treated wood roofs as follows:

R902.2 Fire-retardant-treated shingles and shakes. Fire-retardant-treated wood shakes and shingles are wood shakes and shingles complying with UBC Standard 15-3 or 15-4 which are impregnated by the full-cell vacuum-pressure process with fire-retardant chemicals, and which have been qualified by UBC Standard 15-2 for use on Class A or B roofs.

Section R1001.13 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices is hereby added as follows:

R1001.14 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices. Outdoor fireplaces, fire pits, fire rings, or similar exterior devices shall comply with this section.

Exception: Barbeques, grills, and other portable devices intended solely for cooking

Section R1001.13.1 Gas-fueled devices is hereby added as follows:

R1001.13.1 Gas-fueled devices. Outdoor fireplaces, fire pits and similar devices fueled by natural gas or liquefied-petroleum gas are allowed when approved by the Building Department and the device is designed to only burn a gas flame and not wood or other solid fuel. At R-3 occupancies, combustible

construction shall not be located within three feet of an atmospheric column that extends vertically from the perimeter of the device. Where a permanent Building Department approved hood and vent is installed, combustible construction may encroach upon this column between the bottom of the hood and the vent opening. Where chimneys or vents are installed, they shall have a spark arrester in accordance with Section R1003.9.2.

Section R1001.13.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas is hereby added as follows:

R1001.13.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas. Fireplaces burning wood or other solid fuel shall be constructed in accordance with Section R1001. Fires in a fireplace shall be contained within a firebox with an attached chimney. The opening in the face of the firebox shall have an installed and maintained method of arresting sparks. The burning of wood or other solid fuel in a device is not allowed within 15 feet of combustible structures, unless within a permanent or portable fireplace.

Section R1001.13.3 Devices using wood or fuels other than natural gas or liquefied-petroleum gas is hereby added as follows:

R1001.13.3 Where prohibited. The burning of wood and other solid fuels shall not be conducted within a fuel modification zone. Wood and other solid fuel burning fires in devices other than permanent fireplaces are not allowed within Wildfire Risk Areas (WRA) and adopted Fire Hazard Severity Zones (FHSZ) or in locations where conditions could cause the spread of fire to the WRA or FHSZ, unless determined by the Fire Code Official that the location or design of the device should reasonably prevent the start of a wildfire.

NFPA 13, 2016 Edition, Standard for the Installation of Sprinkler Systems is hereby amended as follows:

Section 6.7.3 is hereby revised to read as follows:

6.7.3 Fire department connections (FDC) shall be of an approved type. The location shall be approved and be no more than 150 feet from a public hydrant. The FDC may be located within 150 feet of a private fire hydrant when approved by the fire code official. The size of piping and the number of 2½" inlets shall be approved by the fire code official. If acceptable to the water authority, it may be installed on the backflow assembly. Fire department inlet connections shall be painted OSHA safety red or as approved. When the fire sprinkler density design requires more than 500 gpm (including inside hose stream demand), or a standpipe system is included, four 2½" inlets shall be provided.

Section 8.3.3.1 is hereby revised to read as follows:

8.3.3.1 When fire sprinkler systems are installed in shell buildings of undetermined use (Spec Buildings) other than warehouses (S occupancies), fire sprinklers of the quick-response type shall be used. Use is considered undetermined if a specific tenant/occupant is not identified at the time the fire sprinkler plan is submitted. Sprinklers in light hazard occupancies shall be one of the following:

7. Quick-response type as defined in 3.6.4.8
8. Residential sprinklers in accordance with the requirements of 8.4.5
9. Quick response CMSA sprinklers
10. ESFR sprinklers
11. Standard-response sprinklers used for modifications or additions to existing light hazard systems equipped with standard-response sprinklers
12. Standard-response sprinklers used where individual standard-response sprinklers are replaced in existing light hazard systems

Section 11.1.1.1 is hereby added as follows:

11.1.1.1 When fire sprinkler systems are required in buildings of undetermined use other than warehouses, they shall be designed and installed to have a fire sprinkler density of not less than that required for an Ordinary Hazard Group 2 use, with no reduction(s) in density or design area. Warehouse fire sprinkler systems shall be designed to Figure 16.2.1.3.2 (d) curve "G". Use is considered undetermined if a specific tenant/occupant is not identified at the time the sprinkler plan is submitted. Where a subsequent use or occupancy requires a system with greater capability, it shall be the responsibility of the occupant to upgrade the system to the required density for the new use or occupancy.

Section 11.2.3.1.1.1 is hereby added as follows:

11.2.3.1.1.1 The available water supply for fire sprinkler system design shall be determined by one of the following methods, as approved by the fire code official:

- 4) Subtract the project site elevation from the low water level for the appropriate pressure zone and multiply the result by 0.433;
- 5) Use a maximum of 40 psi, if available;
- 6) Utilize the OCFA water-flow test form/directions to document a flow test conducted by the local water agency or an approved third party licensed in the State of California.

NFPA 13D 2016 Edition, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes is hereby amended as follows:

Section 7.1.2 is hereby revised to read as follows:

7.1.2 The sprinkler system piping shall not have separate control valves installed

unless supervised by a central station, proprietary, or remote station alarm service.

SECTION AO103.3 Vehicular gates or other barriers across required fire apparatus access roads is hereby added as follows:

AO103.3 Vehicular gates or other barriers across required fire apparatus access roads. The installation of gates or other barriers across a required fire apparatus access road shall be approved by the fire code official. Gates or barriers shall be in accordance with Orange County Fire Authority Guideline B-09 "Fire Master Plans for Commercial and Residential Development".

15.04.050 Amendments to the 2016 California Green Building Standards Code.

Section 301.1 Scope is amended by deleting the following:

301.1 Scope. Buildings shall be designed to include the green building measures specified as mandatory in this code. Voluntary green building measures are also included in this code the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless they are adopted by a city or county as specified in Section 101.7.

Section 301.1.1 Additions and alterations. [HCD] The mandatory provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings. Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

Note: On and after January 1, 2014, residential buildings undergoing permitted alterations, additions or improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy or final permit approval by the local building department. See Civil Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and other important enactment dates.

15.04.060 Amendments to the 2016 California Electrical Code.

Article 690.13 Building or Other Structure Supplied by a Photovoltaic System is amended by revising the following:

- (A) Location. The PV disconnecting means shall be installed at a readily accessible location either on the outside of a building or structure or inside nearest the point of entrance of the system conductors. ***A single, visible-open, lockable AC disconnect shall be within 3 feet of the meter on the exterior of the building.***

15.04.080 Amendments to the 2016 California Fire Code.

Chapter 1 Scope and Administration is adopted in its entirety with the following amendments:

Section 109.4 Violation penalties is hereby revised to read as follows:

109.4 Violation penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or shall fail to comply with any issued orders or notices or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall result in penalties assessed as prescribed in the OCFA Prevention Field Services adopted fee schedule. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Section 109.4.2 Infraction and misdemeanor is hereby added as follows:

109.4.2 Infraction and misdemeanor. Persons operating or maintaining any occupancy, premises or vehicle subject to this code that shall permit any fire or life safety hazard to exist on premises under their control shall be guilty of an infraction. Persons who fail to take immediate action to abate a fire or life safety hazard when ordered or notified to do so by the chief or a duly authorized representative are guilty of a misdemeanor.

Chapter 2 Definitions is adopted in its entirety with the following amendments:

Sections 202 General Definitions is hereby revised by adding "OCFA," "Sky Lantern," and "Spark Arrester" as follows:

202 General Definitions

OCFA: Orange County Fire Authority, fire authority having jurisdiction.

SKY LANTERN. An airborne lantern typically made of paper, Mylar, or other lightweight material with a wood, plastic, or metal frame containing a candle, fuel cell, or other heat source that provides buoyancy.

SPARK ARRESTER. A listed device constructed of noncombustible material specifically for the purpose of meeting one of the following conditions:

5. Removing and retaining carbon and other flammable particles/debris from the exhaust flow of an internal combustion engine in accordance with California Vehicle Code Section 38366.

6. Fireplaces that burn solid fuel in accordance with California Building Code Chapter 28.

Chapter 3 General Requirements is adopted in its entirety with the following amendments:

Section 304.1.2 Vegetation is hereby revised to read as follows:

304.1.2 Vegetation. Type, amount, or arrangement of weeds, grass, vines or other growth that is capable of being ignited and endangering property—needing to comply with OCFA Guidelines, shall be cut, thinned, and removed by the owner or occupant of the premises in accordance with OCFA Guideline C-05 “Vegetation Management Guideline-Technical Design for New Construction, Fuel Modification Plans, and Maintenance Program. Vegetation clearance requirement in urban-wildland interface areas shall be in accordance with Chapter 49.

Section 305.6 Hazardous Conditions is hereby added as follows:

305.6 Hazardous conditions. Outdoor fires are not allowed when predicted sustained winds exceed 8 MPH during periods when relative humidity is less than 25%, or a red flag condition has been declared or public announcement is made, when an official sign was caused to be posted by the fire code official, or when such fires present a hazard as determined by the fire code official.

Section 305.7 Disposal of rubbish is hereby added as follows:

305.7 Disposal of rubbish. Rubbish, trash or combustible waste material shall be burned only within an approved incinerator and in accordance with Section 307.2.1.

Section 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES is hereby revised to read as follows:

SECTION 307 OPEN BURNING, RECREATIONAL FIRES, FIRE PITS, FIRE RINGS, AND PORTABLE OUTDOOR FIREPLACES

Sections 307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies is hereby added as follows:

307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies. Outdoor fireplaces, fire pits, fire rings, or similar exterior devices used at Group R shall comply with this section.

Exception: Barbeques, grills, and other portable devices intended solely for

cooking.

Section 307.6.1 Gas-fueled devices is hereby added as follows:

307.6.1 Gas-fueled devices. Outdoor fireplaces, fire pits and similar devices fueled by natural gas or liquefied-petroleum gas are allowed when approved by the Building Department and the device is designed to only burn a gas flame and not wood or other solid fuel. At R-3 occupancies, combustible construction shall not be located within three feet of an atmospheric column that extends vertically from the perimeter of the device. At other R occupancies, the minimum distance shall be ten feet. Where a permanent Building Department approved hood and vent is installed, combustible construction may encroach upon this column between the bottom of the hood and the vent opening. Where chimneys or vents are installed, they shall have a spark arrester as defined in Section 202.

Section 307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas is hereby added as follows:

307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas. Fireplaces burning wood or other solid fuel shall be constructed in accordance with the California Building Code. Fires in a fireplace shall be contained within a firebox with an attached chimney. The opening in the face of the firebox shall have an installed and maintained method of arresting sparks. The burning of wood or other solid fuel in a device is not allowed within 15 feet of combustible structures, unless within a permanent or portable fireplace. Conditions which could cause a fire to spread within 25 feet of a structure or to vegetation shall be eliminated prior to ignition. Fires in devices burning wood or solid fuel shall be in accordance with Sections 305, 307, and 308.

Section 307.6.2.1 Where prohibited is hereby added as follows:

307.6.2.1 Where prohibited. The burning of wood and other solid fuels shall not be conducted within a fuel modification zone. Wood and other solid fuel burning fires in devices other than permanent fireplaces are not allowed within Wildfire Risk Areas (WRA) and Wildland-Urban Interface Areas (WUI) or in locations where conditions could cause the spread of fire to the WRA or WUI unless determined by the Fire Code Official that the location or design of the device should reasonably prevent the start of a wildfire.

Section 309.2.1 Indoor charging of electric carts/cars is hereby added as follows:

309.2.1 Indoor charging of electric carts/cars. Indoor charging of electric carts/cars where the combined volume of all battery electrolyte exceeds 50 gallons shall comply with following:

1. Spill control and neutralization shall be provided and comply with Section 608.5.
2. Room ventilation shall be provided and comply with Section 608.6.1
3. Signage shall be provided and comply with Section 608.7.1
4. Smoke detection shall be provided and comply with Section 608.9.

Section 320 Fuel Modification Requirements for New Construction is hereby added as follows:

320 Fuel Modification Requirements for New Construction. All new structures and facilities adjoining land containing hazardous combustible vegetation shall be approved and in accordance with the requirements of OCFA Guideline C-05 "Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program."

Section 321 Clearance of brush or vegetation growth from roadways is hereby added as follows:

321 Clearance of brush or vegetation growth from roadways. The fire code official is authorized to cause areas within 10 feet (3048 mm) on each side of portions of highways and private streets which are improved, designed or ordinarily used for vehicular traffic, to be cleared of flammable vegetation and other combustible growth. Measurement shall be from the flow-line or the end of the improved edge of the roadway surfaces.

Exception: Single specimens of trees, ornamental shrubbery or cultivated ground cover such as green grass, ivy, succulents or similar plants used as ground covers, provided that they do not form a means of readily transmitting fire.

Section 322 Unusual Circumstances is hereby added as follows:

322 Unusual circumstances. The fire code official may suspend enforcement of the vegetation management requirements and require reasonable alternative measures designed to advance the purpose of this code if determined that in any specific case that any of the following conditions exist:

1. Difficult terrain.
2. Danger of erosion.
3. Presence of plants included in any state and federal resources agencies, California Native Plant Society and county-approved list of wildlife, plants, rare, endangered and/or threatened species.
4. Stands or groves of trees or heritage trees.
5. Other unusual circumstances that make strict compliance with the clearance of vegetation provisions undesirable or impractical.

Section 323 Use of Equipment is hereby added as follows:

323 Use of equipment. Except as otherwise provided in this section, no person shall use, operate, or cause to be operated in, upon or adjoining any hazardous fire area any internal combustion engine which uses hydrocarbon fuels, unless the engine is equipped with a spark arrester as defined in Section 202 maintained in effective working order, or the engine is constructed, equipped and maintained for the prevention of fire.

Exceptions:

1. Engines used to provide motor power for trucks, truck tractors, buses, and passenger vehicles, except motorcycles, are not subject to this section if the exhaust system is equipped with a muffler as defined in the Vehicle Code of the State of California.
2. Turbocharged engines are not subject to this section if all exhausted gases pass through the rotating turbine wheel, there is no exhaust bypass to the atmosphere, and the turbocharger is in good mechanical condition

Section 323.1 Spark Arresters is hereby added as follows:

323.1 Spark arresters. Spark arresters shall comply with Section 202, and when affixed to the exhaust system of engines or vehicles subject to Section 323 shall not be placed or mounted in such a manner as to allow flames or heat from the exhaust system to ignite any flammable material.

Section 324 Sky Lanterns or similar devices is hereby added as follows:

324 Sky Lanterns or similar devices. The ignition and/or launching of a Sky Lantern or similar device is prohibited.

Chapter 4: Emergency Planning and Preparedness. Adopt only the sections, subsections, and amendment listed below:

401
401.3.4
401.9
402
403.2
404.5 – 404.6.6
407

Section 407.5 is revised to read as follows:

407.5 Hazardous Materials Inventory Statement. Where required by the fire code official, each application for a permit shall include OCFA's Chemical Classification Packet in accordance with Section 5001.5.2.

Chapter 5 Fire Service Features is adopted in its entirety with the following amendments:

SECTION 501.1 Scope is revised to read as follows:

501.1 Scope. Fire service features for buildings, structures and premises shall comply with this chapter and, where required by the fire code official, with OCFA Guideline B-09, "Fire Master Plan for Commercial & Residential Development." Fire service features for buildings, structures and premises located in State Responsibility Areas shall also comply with OCFA Guideline B-09a, "Fire Safe Development in State Responsibility Areas."

Section 510.1 Emergency responder radio coverage is revised to read as follows:

510.1 Emergency responder radio coverage in new buildings. All new buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communication systems of the jurisdiction at the exterior of the building. This section shall not require improvement of the existing public safety communication systems. The Emergency Responder Radio Coverage System shall comply with the local authority having jurisdiction's ordinance and this code.

Exceptions:

1. Where it is determined by the fire code official that the radio coverage system is not needed.
2. In facilities where emergency responder radio coverage is required and such systems, components or equipment required could have a negative impact on the normal operations of that facility, the fire code official shall have the authority to accept an automatically activated emergency radio coverage system.

This section shall not apply to the following:

1. Existing buildings or structures, unless required by the Building Official and OCFA for buildings and structures undergoing extensive remodel and/or expansion.
2. Elevators.
3. Structures that are three stories or less without subterranean storage or parking and that do not exceed 50,000 square feet on any single story.
4. Wood-constructed residential structures four stories or less without subterranean storage or parking that are not built integral to an above ground multi-story parking structure.

5. Should construction that is three stories or less that does not exceed 50,000 square feet on any single story include subterranean storage or parking, then this ordinance shall apply only to the subterranean areas.

Section 510.2 Emergency responder radio coverage in existing buildings is deleted without replacement:

Section 510.4.2.2 Technical Criteria is revised to read as follows:

510.4.2.2 Technical criteria. The fire code official shall maintain a document providing the specific technical information and requirements for the emergency responder radio coverage system. This document shall contain, but not be limited to, the various frequencies required, the location of radio sites, effective radiated power of radio sites, and other supporting technical information.

1. The frequency range supported from the 800 MHz Countywide Communications System shall be 851-869 MHz (base transmitter frequencies).
2. The frequency range supported to the 800 MHz Countywide Communications System shall be 806-824 MHz (radio field transmit frequencies).
3. A public safety radio amplification system shall include filters to reject frequencies below 851 MHz and frequencies above 869 MHz by a minimum of 35dB.
4. All system components must be 100 percent compatible with analog and digital modulations after installation without adjustments or modifications. The systems must be capable of encompassing the frequencies stated herein and capable of future modifications to a frequency range subsequently established by the jurisdiction.
5. Active devices shall have a minimum of -50 dB 3rd order intermodulation protection.
6. All active in-building coverage devices shall be FCC Part 90 Type Certified

Section 510.5.1 Approval prior to installation is revised to read as follows:

510.5.1 Approval prior to installation. Amplification systems capable of operating on frequencies licensed to any public safety agency by the FCC shall not be installed without prior plan submittal, coordination and approval from Orange County Communications and a copy of the approved plan provided to of the fire and building code officials.

Section 510.5.2 Minimum qualification of personnel is revised to read as follows:

510.5.2 Minimum qualifications of personnel. The minimum qualifications of the system designer and lead installation personnel shall include both of the following:

1. A valid FCC-issued general radio operator's license.
2. Certification of in-building system training issued by a nationally recognized organization, school or a certificate issued by the manufacturer of the equipment being installed.

Section 510.5.3 Acceptance test procedure item 7 is revised to read as follows:

510.5.3 Acceptance test procedure. When an emergency responder radio coverage system is required, and upon completion of installation, the building owner shall have the radio system tested to ensure that two-way coverage on each floor of the building is not less than 90 percent. The test procedure shall be conducted as follows: ...

7. As part of the installation a spectrum analyzer or other suitable test equipment shall be utilized to ensure spurious oscillations are not being generated by the subject signal booster. This test shall be conducted at the time of installation and subsequent annual inspections by the FCC licensed technician hired by the property owner and an OCSD/Communications Division FCC-certified technician.

Section 510.6.1 Testing and proof of compliance is revised to read as follows:

510.6.1 Testing and proof of compliance.

The owner of the building or their representative shall have the emergency responder radio coverage system ~~shall be~~ inspected and tested annually or where structural changes occur including additions or remodels that could materially change the original field performance tests. Testing shall consist of the following:

1. In-building system components shall be tested to determine general functional operability.
2. Signal boosters shall be tested to ensure that the gain is the same as it was upon initial installation and acceptance.
3. Backup batteries and power supplies shall be tested under load of a period of one hour to verify that they will properly operate during an actual power outage. If within the 1-hour test period the battery exhibits symptoms of failure, the test shall be extended for additional 1-hour periods until the integrity of the battery can be determined.
4. Other active components shall be checked to verify operation within the manufacturer's specifications.
5. If noncompliance is found, the FCC licensed technician will assess improvements necessary and provide such information to OCSD Communications and the fire and building code officials.
6. At the conclusion of the testing, a certification report, which shall verify compliance with Section 510.5.3, shall be submitted to OCSD Communications and the fire and building code officials.

Adopt Chapter 9 Fire Protection Systems is adopted in its entirety with the following amendments:

Section 903.2 Where required is hereby revised to read as follows:

903.2 Where required. Approved automatic sprinkler systems in buildings and structures shall be provided when one of the following conditions exists:

1. **New buildings:** Notwithstanding any applicable provisions of Sections 903.2.1 through 903.2.19, an automatic fire-extinguishing system shall also be installed in all occupancies when the total building area exceeds 5,000 square feet as defined in Section 202, regardless of fire areas or allowable area, or is more than two stories in height.

Exception: Subject to approval by the Fire Code Official, open parking garages in accordance with Section 406.5 of the California Building Code.

2. **Existing Buildings:** Notwithstanding any applicable provisions of this code, an automatic sprinkler system shall be provided in an existing building when an addition occurs and one of the following conditions exists:
 - a. When an addition is 33% or more of the existing building area, and the resulting building area exceeds 5000 square feet
 - b. When an addition exceeds 2000 square feet and the resulting building area exceeds 5000 square feet.
 - c. An additional story is added above the second floor regardless of fire areas or allowable area.

Exception: Additions to Group R-3 occupancies shall comply with Section 903.2.8 (2).

Section 903.2.8 Group R is hereby revised to read as follows:

903.2.8 Group R. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area as follows:

1. **New Buildings:** An automatic sprinkler system shall be installed throughout all new buildings.
2. **Existing R-3 Buildings:** An automatic sprinkler system shall be installed throughout when one of the following conditions exists:

- a. When an addition is 33% or more of the existing building area as defined in Section 202, and greater than 1000 square feet within a two year period; or,
- b. An addition when the existing building is already provided with automatic sprinklers; or,
- c. When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determines that the complexity of installing a sprinkler system would be similar as in a new building.

Exceptions:

1. Existing Group R-3 occupancies converted to Group R-3.1 occupancies and not housing bedridden clients, not housing nonambulatory clients above the first floor, and not housing clients above the second floor.
2. Existing Group R-3 occupancies converted to Group R-3.1 occupancies housing only one bedridden client and complying with Section 435.8.3.3 of the California Building Code.
3. Pursuant to Health and Safety Code, Section 13113, occupancies housing ambulatory children only, none of whom are mentally ill children or children with intellectual disabilities, and the buildings or portions thereof in which such children are housed are not more than two stories in height, and building or portions thereof housing such children have an automatic fire alarm system activated by approved smoke detectors.
4. Pursuant to Health and Safety Code, Section 13143.6, occupancies licensed for protective social care which house ambulatory clients only, none of whom is a child (under the age of 18 years), or who is elderly (65 years of age or over).

When not used in accordance with Section 504.2 or 506.3 of the California Building Code, an automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be allowed in Group R-2.1 occupancies.

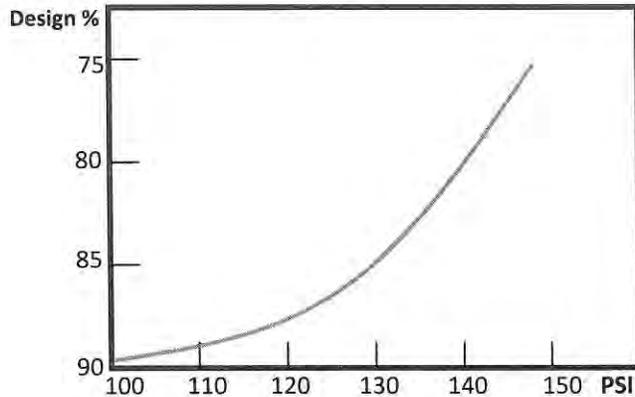
An automatic sprinkler system designed in accordance with Section 903.3.1.3 shall not be utilized in Group R-2.1 or R-4 occupancies.

Section 903.3.5.3 Hydraulically calculated systems is hereby added as follows:

903.3.5.3 Hydraulically calculated systems. The design of hydraulically calculated fire sprinkler systems shall not exceed 90% of the water supply capacity.

Exception: When static pressure exceeds 100 psi, and when required by the fire code official, the fire sprinkler system shall not exceed the water supply capacity specified by Table 903.3.5.3.

**TABLE 903.3.5.3
Hydraulically Calculated Systems**



Chapter 11

Construction Requirements for Existing Buildings

Chapter 11 Construction Requirements for Existing Buildings. Adopt only those sections and subsections listed below:

- 1103.7
- 1103.7.3
- 1103.7.3.1
- 1103.7.8 – 1103.7.8.2
- 1103.7.9 – 1103.7.9.10
- 1103.8 – 1103.8.5.3
- 1107
- 1113
- 1114
- 1115
- 1116

Chapter 25 Fruit and Crop Ripening is deleted in its entirety.

Chapter 26 Fumigation and Insecticidal Fogging is deleted in its entirety.

Chapter 28 Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Facilities is adopted in its entirety with the following amendments:

Section 2801.2 Permit is hereby revised to read as follows:

2801.2 Permit. Permits shall be required as set forth in Section 105.6 and

105.6.29.

Section 2808.2 Storage site is hereby revised to read as follows:

2808.2 Storage site. Storage sites shall be level and on solid ground, elevated soil lifts or other all-weather surface. Sites shall be thoroughly cleaned and approval obtained from the fire code official before transferring products to the site.

Section 2808.3 Size of piles is hereby revised to read as follows:

2808.3 Size of piles. Piles shall not exceed 15 feet in height, 50 feet in width and 100 feet in length.

Exception: The fire code official is authorized to allow the pile size to be increased where a fire protection plan is provided for approval that includes, but is not limited to, the following:

1. Storage yard areas and materials-handling equipment selection, design and arrangement shall be based upon sound fire prevention and protection principles.
2. Factor that lead to spontaneous heating shall be identified in the plan, and control of the various factors shall be identified and implemented, including provisions for monitoring the internal condition of the pile.
3. The plan shall include means for early fire detection and reporting to the public fire department; and facilities needed by the fire department for fire extinguishment including a water supply and fire hydrants.
4. Fire apparatus access roads around the piles and access roads to the top of the piles shall be established, identified and maintained.
5. Regular yard inspections by trained personnel shall be included as part of an effective fire prevention maintenance program.

Additional fire protection called for in the plan shall be provided and shall be installed in accordance with this code. The increase of the pile size shall be based upon the capabilities of the installed fire protection system and features.

Section 2808.4 Pile Separation is hereby revised to read as follows:

2808.4. Pile separation. Piles shall be separated from adjacent piles by a minimum distance of 20 feet. Additionally, piles shall have a minimum separation of 100 feet from combustible vegetation.

Section 2808.7 Pile fire protection is hereby revised to read as follows:

2808.7 Pile fire protection. Automatic sprinkler protection shall be provided in conveyor tunnels and combustible enclosures that pass under a pile. Combustible conveyor systems and enclosed conveyor systems shall be equipped with an approved automatic sprinkler system. Oscillating sprinklers with a sufficient projectile reach are required to maintain a 40% to 60% moisture content and wet down burning/smoldering areas.

Section 2808.9 Material-handling equipment is hereby revised to read as follows:

2808.9 Material-handling equipment. All material-handling equipment operated by an internal combustion engine shall be provided and maintained with an approved spark arrester. Approved material-handling equipment shall be available for moving wood chips, hogged material, wood fines and raw product during fire-fighting operations.

Section 2808.11 Temperature control is hereby added as follows:

2808.11 Temperature control. The temperature shall be monitored and maintained as specified in Sections 2808.11.1 and 2808.11.2.

Section 2808.11.1 Pile temperature control is hereby added as follows:

2808.11.1 Pile temperature control. Piles shall be rotated when internal temperature readings are in excess of 165 degrees Fahrenheit.

Section 2808.11.2 New material temperature control is hereby added as follows:

2808.11.2 New material temperature control. New loads delivered to the facility shall be inspected and tested at the facility entry prior to taking delivery. Material with temperature exceeding 165 degrees Fahrenheit shall not be accepted on the site. New loads shall comply with the requirements of this chapter and be monitored to verify that the temperature remains stable.

Section 2808.12 Water availability is hereby added as follows:

2808.12 Water Availability. Facilities with over 2500 cubic feet shall provide a water supply. The minimum fire flow shall be no less than 500 GPM @ 20 psi for a minimum of 1 hour duration for pile heights up to 6 feet and 2 hour duration for pile heights over 6 feet. If there is no water purveyor, an alternate water supply with storage tank(s) shall be provided for fire suppression. The water supply tank(s) shall provide a minimum capacity of 2500 gallons per pile (maximum 30,000 gallons) for piles not exceeding 6 feet in height and 5000 gallons per pile (maximum 60,000) for piles exceeding 6 feet in height. Water tank(s) shall not be used for any other purpose unless the required fire flow is left in reserve within the tank at all times. An approved method shall be provided to maintain the

required amount of water within the tank(s).

Section 2808.13 Tipping area is hereby added as follows:

2808.13 Tipping areas shall comply with the following:

1. Tipping areas shall not exceed a maximum area of 50 feet by 50 feet.
2. Material within a tipping area shall not exceed 5 feet in height at any time.
3. Tipping areas shall be separated from all piles by a 20 foot wide fire access lane.
4. A fire hydrant or approved fire water supply outlet shall be located within 150 feet of all points along the perimeter of the tipping area.
5. All material within a tipping area shall be processed within 5 days of receipt.

Section 2808.14 Emergency Contact is hereby added as follows:

2808.14 Emergency Contact. The contact information of a responsible person or persons shall be provided to the Fire Department and shall be posted at the entrance to the facility for responding units. The responsible party should be available to respond to the business in emergency situation.

Chapter 49 Requirements for Wildland-Urban Interface Fire Areas is adopted in its entirety with the following amendments:

Section 4906.3 Requirements is hereby revised to read as follows:

4906.3 Requirements. Hazardous vegetation and fuels around all applicable buildings and structure shall be maintained in accordance with the following laws and regulations:

1. Public Resources Code, Section 4291.
2. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 3, Section 1299 (see guidance for implementation "General Guideline to Create Defensible Space").
3. California Government Code, Section 51182.
4. California Code of Regulations, Title 19, Division 1, Chapter 7, Subchapter 1, Section 3.07.
5. OCFA Guideline C-05 "Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program."

Section 4908 Fuel Modification Requirements for New Construction is hereby added as follows:

4908 Fuel Modification Requirements for New Construction. All new buildings to be built or installed in a Wildfire Risk Area shall comply with the following:

1. Preliminary fuel modification plans shall be submitted to and approved by the fire code official prior to or concurrently with the approval of any tentative map.
2. Final fuel modification plans shall be submitted to and approved by the fire code official prior to the issuance of a grading permit.
3. The fuel modification plans shall meet the criteria set forth in the Fuel Modification Section of OCFA Guideline C-05 "Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program."
 - 3.1 The fuel modification plan shall include provisions for the maintenance of the fuel modification in perpetuity.
4. The fuel modification plan may be altered if conditions change. Any alterations to the fuel modification areas shall have prior approval from the fire code official.
5. All elements of the fuel modification plan shall be maintained in accordance with the approved plan and are subject to the enforcement process outlined in the Fire Code.

Chapter 50 Hazardous Materials – General Provisions is adopted in its entirety with the following amendments.

Section 5001.5.2 Hazardous Materials Inventory Statement (HMIS) is hereby revised to read as follows:

5001.5.2 Hazardous Materials Inventory Statement (HMIS). Where required by the fire code official, an application for a permit shall include Orange County Fire Authority's Chemical Classification Packet, which shall be completed and approved prior to approval of plans, and/or the storage, use or handling of chemicals on the premises. The Chemical Classification Packet shall include the following information:

1. Product Name.
2. Component.
3. Chemical Abstract Service (CAS) number.
4. Location where stored or used.
5. Container size.
6. Hazard classification.
7. Amount in storage.
8. Amount in use-closed systems.
9. Amount in use-open systems.

Section 5003.1.1.1 Extremely Hazardous Substances is hereby added as follows:

5003.1.1.1 Extremely Hazardous Substances. No person shall use or store

any amount of extremely hazardous substances (EHS) in excess of the disclosable amounts (see Health and Safety Code Section 25500 et al) in a residential zoned or any residentially developed property.

Chapter 56 Explosives and Fireworks is adopted in its entirety with the following amendments:

Section 5608.2 Firing is hereby added as follows:

5608.2 Firing. All fireworks displays, regardless of mortar, device, or shell size, shall be electrically fired.

Section 5608.3 Application for Permit is hereby added as follows:

Section 5608.3 Application for Permit. A diagram of the grounds on which the display is to be held showing the point at which the fireworks are to be discharged, the fallout area based on 100 feet per inch of shell size, the location of all buildings, roads, and other means of transportation, the lines behind which the audience will be restrained, the location of all nearby trees, telegraph or telephone line, or other overhead obstructions shall be provided to OCFA.

Chapter 80 Referenced Standards is adopted in its entirety with the following amendments:

NFPA 13, 2016 Edition, Standard for the Installation of Sprinkler Systems is hereby amended as follows:

Section 6.7.3 is hereby revised to read as follows:

6.7.3 Fire department connections (FDC) shall be of an approved type. The location shall be approved and be no more than 150 feet from a public hydrant. The FDC may be located within 150 feet of a private fire hydrant when approved by the fire code official. The size of piping and the number of 2½" inlets shall be approved by the fire code official. If acceptable to the water authority, it may be installed on the backflow assembly. Fire department inlet connections shall be painted OSHA safety red or as approved. When the fire sprinkler density design requires more than 500 gpm (including inside hose stream demand), or a standpipe system is included, four 2½" inlets shall be provided.

Section 8.3.3.1 is hereby revised to read as follows:

8.3.3.1 When fire sprinkler systems are installed in shell buildings of undetermined use (Spec Buildings) other than warehouses (S occupancies), fire sprinklers of the quick-response type shall be used. Use is considered undetermined if a specific

tenant/occupant is not identified at the time the fire sprinkler plan is submitted. Sprinklers in light hazard occupancies shall be one of the following:

1. Quick-response type as defined in 3.6.4.8
2. Residential sprinklers in accordance with the requirements of 8.4.5
3. Quick response CMSA sprinklers
4. ESFR sprinklers
5. Standard-response sprinklers used for modifications or additions to existing light hazard systems equipped with standard-response sprinklers
6. Standard-response sprinklers used where individual standard-response sprinklers are replaced in existing light hazard systems

Section 11.1.1.1 is hereby added as follows:

11.1.1.1 When fire sprinkler systems are required in buildings of undetermined use other than warehouses, they shall be designed and installed to have a fire sprinkler density of not less than that required for an Ordinary Hazard Group 2 use, with no reduction(s) in density or design area. Warehouse fire sprinkler systems shall be designed to Figure 16.2.1.3.2 (d) curve "G". Use is considered undetermined if a specific tenant/occupant is not identified at the time the sprinkler plan is submitted. Where a subsequent use or occupancy requires a system with greater capability, it shall be the responsibility of the occupant to upgrade the system to the required density for the new use or occupancy.

Section 11.2.3.1.1.1 is hereby added as follows:

11.2.3.1.1.1 The available water supply for fire sprinkler system design shall be determined by one of the following methods, as approved by the fire code official:

- 1) Subtract the project site elevation from the low water level for the appropriate pressure zone and multiply the result by 0.433;
- 2) Use a maximum of 40 psi, if available;
- 3) Utilize the OCFA water-flow test form/directions to document a flow test conducted by the local water agency or an approved third party licensed in the State of California.

NFPA 13D 2016 Edition, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes is hereby amended as follows:

Section 7.1.2 is hereby revised to read as follows:

7.1.2 The sprinkler system piping shall not have separate control valves installed unless supervised by a central station, proprietary, or remote station alarm service:

NFPA 14, 2013 Edition, Installation of Standpipe and Hose Systems is hereby

amended as follows:

Section 7.3.1.1 is hereby revised to read as follows:

7.3.1.1 Class I and III Standpipe hose connections shall be unobstructed and shall be located not less than 18 inches or more than 24 inches above the finished floor. Class II Standpipe hose connections shall be unobstructed and shall be located not less than 3 feet or more than 5 feet above the finished floor.

NFPA 24, 2016 Edition, Standard for the Installation of Private Fire Service Mains and Their Appurtenances is hereby amended as follows:

Section 6.2.8.1 is hereby added as follows:

6.2.8.1 All indicating valves controlling fire suppression water supplies shall be painted OSHA red.

Exceptions:

1. Brass or bronze valves on sprinkler risers mounted to the exterior of the building may be left unpainted.
2. Where OS&Y valves on the detector check assembly are the only control valves, at least one OS&Y valve shall be painted red.

Section 6.2.9 is hereby revised to read as follows:

All connections to private fire service mains for fire protection systems shall be arranged in accordance with one of the following so that they can be isolated:

- (1) A post indicator valve installed not less than 40 ft (12 m) from the building
 - a. For buildings less than 40 ft (12 m) in height, a post indicator valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the post indicator valve.
- (2) A wall post indicator valve
- (3) An indicating valve in a pit, installed in accordance with Section 6.4
- (4) A backflow preventer with at least one indicating valve not less than 40 ft (12 m) from the building
 - a. For buildings less than 40 ft (12 m) in height, a backflow preventer with at least one indicating valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the backflow preventer.

- (5) Control valves installed in a fire-rated room accessible from the exterior
- (6) Control valves in a fire-rated stair enclosure accessible from the exterior

Section 10.1.5 is hereby added as follows:

10.1.5 All ferrous pipe and joints shall be polyethylene encased per AWWA C150, Method A, B, or C. All fittings shall be protected with a loose 8-mil polyethylene tube or sheet. The ends of the tube or sheet shall extend past the joint by a minimum of 12 inches and be sealed with 2 inch wide tape approved for underground use. Galvanizing does not meet the requirements of this section.

Exception: 304 or 316 Stainless Steel pipe and fittings

Section 10.4.1.1 is hereby revised to read as follows:

10.4.1.1 All bolted joint accessories shall be cleaned and thoroughly coated with asphalt or other corrosion-retarding material after installation.

Exception: Bolted joint accessories made from 304 or 316 stainless steel.

Section 10.4.1.1.1 is hereby added as follows:

10.4.1.1.1 All bolts used in pipe-joint assembly shall be 316 stainless steel.

Section 10.4.3.2 is hereby revised to read as follows:

10.4.3.2 Where fire service mains enter the building adjacent to the foundation, the pipe may run under a building to a maximum of 24 inches, as measured from the interior face of the exterior wall to the center of the vertical pipe. The pipe under the building or building foundation shall be 304 or 316 stainless steel and shall not contain mechanical joints or it shall comply with 10.4.3.2.1 through 10.4.3.2.4.

Appendices

Appendix A is deleted in its entirety without amendments.

Appendix D is deleted in its entirety without amendments.

Appendix E is deleted in its entirety without amendments.

Appendix F is deleted in its entirety without amendments.

Appendix G is deleted in its entirety without amendments.

Appendix I is deleted in its entirety without amendments.

Appendix J is deleted in its entirety without amendments.

Appendix K is deleted in its entirety without amendments.

Appendix L is deleted in its entirety without amendments.

Appendix M is deleted in its entirety without amendments.

Appendix N is deleted in its entirety without amendments.

SECTION 3. Chapter 15.10 is hereby added to the Los Alamitos Municipal Code as follows:

Chapter 15.10
ADOPTION OF HOUSING LAW REGULATIONS

15.10.010 Adoption of Housing Law Regulations

- A. The State Housing Law Regulations found in the California Code of Regulations at Title 25, Division 1, Chapter 1, Subchapter 1, are hereby adopted by reference and shall apply as the Housing Law of the City of Los Alamitos, as specified in Section 6 thereof.
- B. In the case of any conflict between the regulations set forth in the Housing Law and the Codes adopted pursuant to Chapters 15.04 and 15.08 of this Code, the latter provisions shall control.

SECTION 4. No Effect on Enforceability. The repealing provisions of the Los Alamitos Municipal Code shall not affect or impair any act done, or right vested or approved, or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act, vested right, proceeding, suit, or prosecution shall remain in full force and effect for all purposes as if the applicable provisions of the 1990 Code, or part thereof, had remained in force and effect. No offense committed and no liability, penalty, or forfeiture, either civil or criminal, incurred prior to the repeal or alteration of any applicable provision of the 2007 Code as amended, shall be discharged or affected by such repeal or alteration but prosecutions and suits for such offenses, liabilities, penalties or forfeitures shall be instituted and proceed in all respects as if the applicable provisions of the 2007 Code, as amended, had not been repealed or altered.

SECTION 5. Continuity. To the extent the provisions of this Ordinance are substantially the same as previous provisions of the Los Alamitos Municipal Code, these provisions

shall be construed as continuations of those provisions and not as amendments of the earlier provisions.

SECTION 6. Intent to Comply with Laws. The City Council intends this Ordinance to supplement, not to duplicate or contradict, applicable state and federal law and this Ordinance shall be construed in light of that intent.

SECTION 7. Filing with Building Standards Commission. The City Clerk shall file a certified copy of this Ordinance with the California Building Standards Commission.

SECTION 8. CEQA. In accordance with CEQA Guidelines section 15060(c)(2) – the adoption of this Ordinance will not foreseeably result in direct or reasonably foreseeable indirect impacts and is exempt from the provisions of the California Environmental Quality Act and City Clerk shall file such Notice of Exemption with the County Clerk.

SECTION 9. Severability. If any section, subsection, sentence, clause, phrase or portion of this Ordinance is for any reason held out to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this ordinance. The City Council hereby declares that it would have adopted this ordinance and each section, subsection, sentence, clause, phrase or portion thereof irrespective of the fact that any one or more sections, subsection, sentence clause, phrases or portions be declared valid or unconstitutional.

SECTION 10. Effective Date. This Ordinance shall not take effect until thirty (30) days after its final passage, or January 1, 2017, whichever occurs later.

SECTION 11. Publication by Clerk. The City Clerk shall certify as to the adoption of this Ordinance and shall cause a summary thereof to be published within fifteen (15) days of adoption and shall post a certified copy of this Ordinance, including the vote for an against same, in the Office of the City Clerk, in accordance with Government Code Section 36933.

PASSED, APPROVED AND ADOPTED this ___th day of November, 2016.

Richard D. Murphy, Mayor

ATTEST:

Windmera Quintanar, CMC, City Clerk

APPROVED AS TO FORM:

Cary Reisman, City Attorney

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss
CITY OF LOS ALAMITOS)

I, Windmera Quintanar, CMC, City Clerk of the City of Los Alamitos, do hereby certify that the foregoing Ordinance No. 2016-6 was duly introduced and placed upon its first reading at a regular meeting of the City Council on the 17th day of October, 2016, and that thereafter, said Ordinance was duly adopted and passed at a regular meeting of the City Council on the ___st day of November, 2016, by the following vote, to wit:

AYES: COUNCILMEMBERS:

NOES: COUNCILMEMBERS:

ABSENT: COUNCILMEMBERS:

ABSTAIN: COUNCILMEMBERS:

Windmera Quintanar, CMC, City Clerk

EXHIBIT A LOCAL AMENDMENT FINDINGS

FACTUAL FINDINGS ESTABLISHING THE REASONABLE NEED FOR LOCAL AMENDMENTS TO PORTIONS OF THE BUILDING STANDARDS CODE AND FIRE CODE BASED UPON CLIMATIC, GEOLOGICAL AND/OR TOPOGRAPHICAL CONDITIONS

Section 1 of this Exhibit sets forth various findings that apply in Los Alamitos, explaining the various local climatic, geological and/or topographical conditions that necessitate the various changes.

Section 2 of this Exhibit explains which findings apply to which amendments.

Section 1. General Findings

The following findings apply in the City of Los Alamitos, and explain why the changes to the Building Standards Code are necessary because of climatic, geological and/or topographical conditions in the city.

I. Climatic Conditions

- A. Orange County is located in a semi-arid Mediterranean type climate. It annually experiences extended periods of high temperatures with little or no precipitation. Hot, dry (Santa Ana) winds, which may reach speeds of 70 M.P.H. or greater, are also common to the area. These climatic conditions cause extreme drying of vegetation and common building materials. Frequent periods of drought and low humidity add to the fire danger. This predisposes the area to large destructive fires (conflagration). In addition to directly damaging or destroying buildings, these fires are also prone to disrupt utility services throughout the County. Obstacles generated by a strong wind, such as fallen trees, street lights and utility poles will greatly impact the response time to reach an incident scene.
- B. The climate alternates between extended periods of drought and brief flooding conditions. Flood conditions may affect the Orange County fire Authority's ability to respond to a fire or emergency condition. Floods also disrupt utility services to buildings and facilities within the County.
- C. Water demand in this densely populated area far exceeds the quantity supplied by natural precipitation; and although the population continues to grow, the already-taxed water supply does not. California is projected to increase in population by nearly 10 million over the next quarter of a century with 50 percent of that growth centered in Southern California. Due to storage capacities and consumption, and a limited amount of rainfall future water allocation is not fully dependable. This necessitates the need for additional and on-site fire protection features.
- D. These dry climatic conditions and winds contribute to the rapid spread of even small fires originating in high-density housing or vegetation. These fires spread very quickly and create a need for increased levels of fire protection. The added protection of fire sprinkler systems and other fire protection features will supplement normal fire department response by providing immediate protection for the building occupants and

by containing and controlling the fire spread to the area of origin. Fire sprinkler systems will also reduce the use of water for firefighting by as much as 50 to 75 percent.

II. Topographical conditions

- A. Natural; slopes of 15 percent or greater generally occur throughout the foothills of Orange County. The elevation change caused by the hills creates the geological foundation on which communities with Orange County is built and will continue to build. With much of the populated flatlands already built upon, future growth will occur on steeper slopes and with greater constraints in terrain.
- B. Traffic and circulation congestion is an artificially created, obstructive topographical condition, which is common throughout Orange County.
- C. These topographical conditions combine to create a situation that places fire department response time to fire occurrences at risk and makes it necessary to provide automatic on-site fire-extinguishing systems and other protection measures to protect occupants and property.

III. Geological Conditions

The Orange County region is a densely populated area that has buildings constructed over and near a vast and complex network of faults that are believed to be capable of producing future earthquakes similar or greater in size than the 1994 Northridge and the 1971 Sylmar earthquakes. Earthquake faults run along the northeast and southwest boundaries of Orange County. The Newport-Inglewood Fault, located within Orange County was the source of the destructive 1933 Long Beach earthquake (6.3 magnitude) which took 120 lives and damaged buildings in an area from Laguna Beach to Marina Del Rey to Whittier. In December 1989, another earthquake occurred in the jurisdiction of Irvine at an unknown fault line. Regional planning for reoccurrence of earthquakes is recommended by the state of California, Department of Conservation.

- A. Previous earthquakes have been accompanied by disruption of traffic flow and fires. A severe seismic event has the potential to negatively impact any rescue or fire suppression activities because it is likely to create obstacles similar to those indicated under the high wind section above. The October 17, 1989, Santa Cruz earthquake resulted in one major fire in the Marina District (San Francisco). When combined with the 34 other fires locally and over 500 responses, the department was taxed to its fullest capabilities. The Marina fire was difficult to contain because mains supplying water to the district burst during the earthquake. This situation creates the need for both additional fire protection and automatic on-site fire protection for building occupants. State Department of Conservation noted in their 1988 report (Planning Scenario on a Major Earthquake on the Newport-Inglewood Fault Zone, page 59), "unfortunately, barely meeting the minimum earthquake standards of building codes places a building on the verge of being legally unsafe."
- B. Road circulation features located throughout the County also make amendments reasonably necessary. Located through the County are major roadways, highways and

flood control channels that create barriers and slow response times. Hills, slopes, street and storm drain design, accompanied by occasional heavy rainfall, causes roadway flooding and landslides and at times may make an emergency access route impassable. There are areas in Orange County that naturally have extended emergency response times that exceed the 5 minute goal.

- C. Soils throughout the County possess corrosive properties that reduce the expected usable life of water services when metallic pipes are in contact with soils.
- D. Portions so of the County contain active or former oil production fields. These areas contain a variety of naturally occurring gasses, liquids and vapors. These compounds present toxicity or flammability hazards to building occupants. Evaluation of these hazards and the risks they pose to development is necessary implement appropriate mitigation.

Due to the topographical conditions of sprawling development separated by waterways and narrow and congested streets and the expected infrastructure damage inherent in seismic zones described above, it is prudent to rely on automatic fire sprinkler systems to mitigate extended fire department response time and keep fires manageable with reduced fire flow (water) resources available for a given structure. Additional fire protection is also justified to match the current resources of firefighting equipment and personnel within the Orange County Fire Authority.

Section 2 – Which Findings Apply to Which Amendments

Amendments to the 2016 Edition of the California Codes are found reasonably necessary based on the climatic and/or geologic conditions cited in Section 1 of this ordinance.

2016 California Fire Code Amendment Findings Legend

CODE SECTION	TITLE (Clarification)	FINDINGS
109.4	Violation penalties	Administrative
109.4.2	Infraction & Misdemeanor	Administrative
202	General definitions	Administrative
304.1.2	OCFA Vegetation Management	I
305.6	Hazardous conditions	I & II
305.7	Disposal of rubbish	I & II
307	Fire Pits, Fire Rings, & Outdoor Fireplaces	Administrative
307.6.1	Gas-fueled devices	I & II
307.6.2	Devices using wood or fuels other than natural gas or LPG	I & II
307.6.2.1	Where prohibited	I & II
309.2.1	Indoor charging of electric cars	Administrative
320	Fuel modification requirements for new construction	I
321	Clearance of brush or vegetation growth from roadways	I
322	Unusual circumstances	Administrative
323	Use of equipment	I
323.1	Spark arresters	I
324	Sky Lanterns or similar devices	I & II
407.5	Hazardous material inventory statement	I & II
501.1	Scope	Administrative, I, II & III
510.1	Emergency responder radio coverage	Administrative
510.4.2.2	Technical Criteria	Administrative
510.5.1	Approval prior to installation	Administrative
510.5.2	Minimum qualification of personnel	Administrative
510.5.3	Acceptance test procedure	Administrative
510.6.1	Testing and proof of compliance	Administrative
903.2	Where required (Sprinklers)	I, II & III
903.2.8	Group R (Sprinklers)	I, II & III
903.3.5.3	Hydraulically calculated systems	I & II
2801.2	Permit	Administrative
2808.2	Storage site	Administrative
2808.3	Size of piles	I
2808.4	Pile separation	I
2808.7	Pile fire protection	I
2808.9	Material-handling equipment	I
2808.11	Temperature control	I
2808.11.1	Pile temperature control	I
2808.11.2	New material temperature control	I
2808.12	Water availability for piles	I
2808.13	Tipping area	I

2808.14	Emergency contact	Administrative
4906.3	OCFA Vegetation Management Guideline	I
4908	Fuel modification requirements for new construction	I
5001.5.2	Hazardous materials inventory statement	Administrative
5003.1.1.1	Extremely hazardous substances	I & III
5608.2	Retail fireworks	Administrative
5608.3	Application for permit	Administrative
Chapter 80	Reference Standards	N/A
	2016 NFPA 13 (Sprinkler Systems)	Administrative, II & III
	2016 NFPA 13-D (Single Family Sprinkler Systems)	I & II
	2013 NFPA 14 (Standpipe Systems)	Administrative
	2016 NFPA 24 (Underground Water Supply Systems)	Administrative & III

Note: Changes have been made to the same sections of the NFPA Standards in both the California Building Code and the California Residential Code; the justification is the same for the changes in the Residential Code as set forth for the Building Code

ORDINANCE NO. 2016-07

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS, CALIFORNIA, DELETING CHAPTER 15.08 OF THE LOS ALAMITOS MUNICIPAL CODE AND ADDING A NEW CHAPTER 15.08 ADOPTING BY REFERENCE THE 2016 EDITION OF THE CALIFORNIA FIRE CODE (TITLE 24, PART 9) WITH APPENDICES AND AMENDMENTS THERETO

THE CITY COUNCIL OF THE CITY OF LOS ALAMITOS DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Findings.

- A. California law requires that on January 1, 2017, all portions of the 2016 Building Standards Code will be effective within the City.
- B. Pursuant to Sections 17922, 17958, 17958.5 and 17958.7 of the California Health and Safety Code, the City may amend the provisions of the Building Standards Code which are reasonably necessary to protect the health, welfare and safety of citizens of Los Alamitos because of "local climatic, geological, or topographical conditions."
- C. The City of Los Alamitos is located in the northwest portion of Orange County and is more prone to high winds and earthquakes than other portions of the state.
- D. The Orange County Fire Authority and the City's Building Official have recommended modifying the 2016 California Fire Code due to local conditions in the City of Los Alamitos.
- E. The findings within Exhibit A are incorporated by reference. Such findings are in accordance with California Health and Safety Code Sections.
- F. In accordance with CEQA Guidelines section 15060(c)(2) – the adoption of California Fire Code will not foreseeably result in direct or reasonably foreseeable indirect impacts and is exempt from the provisions of the California Environmental Quality Act.

SECTION 2. Chapter 15.08 of the Los Alamitos Municipal Code is hereby repealed in its entirety and a new Chapter 15.08 is hereby added to read as follows:

15.08.010 Fire Code Adopted.

- A. The City hereby adopts the California Fire Code, 2016 Edition, as amended by this ordinance and shall constitute the Fire Regulations of the City of Los Alamitos.
- B. One copy of all the California Fire Code and the City's amendments thereto shall be kept on file in the office of the Fire Code Official pursuant to Health and Safety Code Section 18942 (d) (1) and made available for public inspection.

- C. References in Documents and Continuing Legal Effect. References to prior editions of the Fire Code or the Municipal Code sections amended herein that are cited on notices issued by the City or the agency enforcing the City's fire regulations or other documents of ongoing or continuing legal effect, including specifically resolutions adopting or imposing fees or charges, until converted, are deemed to be references to the new counterpart 2016 Fire Code or amended Municipal Code sections for the purposes of notice and enforcement. The provisions adopted hereby shall not in any manner affect deposits, established fees or other matters of record which refer to, or are otherwise connected with, ordinances which are specifically designated by number, code section or otherwise, but such references shall be deemed to apply to the corresponding provisions set forth in the 2016 Building Standards Code adopted hereby. Any fee authorized by the above-referenced fire codes which was in effect at the time of the adoption of this ordinance need not be re-adopted by resolution, and shall continue in effect, and remain unadjusted in amount unless and until a resolution is adopted repealing the fee or establishing a different fee.

15.08.020 Enforcement and Inspections.

The 2016 California Fire Code shall be enforced by the Orange County Fire Authority, which shall be operated under the Director of Fire Services of the Orange County Fire Authority. The Director of Fire Services of the Fire Authority may detail such members of the Fire Authority as inspectors as shall be necessary from time to time.

15.08.030 Amendments

The following apply with respect to the 2016 California Fire Code.

Chapter 1 Scope and Administration is adopted in its entirety with the following amendments:

Section 109.4 Violation penalties is hereby revised to read as follows:

109.4 Violation penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or shall fail to comply with any issued orders or notices or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall result in penalties assessed as prescribed in the OCFA Prevention Field Services adopted fee schedule. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Section 109.4.2 Infraction and misdemeanor is hereby added as follows:

109.4.2 Infraction and misdemeanor. Persons operating or maintaining any occupancy, premises or vehicle subject to this code that shall permit any fire or life safety hazard to exist on premises under their control shall be guilty of an infraction. Persons who fail to take immediate action to abate a fire or life safety hazard when ordered or notified to do so by the chief or a duly authorized representative are guilty of a misdemeanor.

Chapter 2 Definitions is adopted in its entirety with the following amendments:

Sections 202 General Definitions is hereby revised by adding “OCFA,” “Sky Lantern,” and “Spark Arrester” as follows:

202 General Definitions

OCFA: Orange County Fire Authority, fire authority having jurisdiction.

SKY LANTERN. An airborne lantern typically made of paper, Mylar, or other lightweight material with a wood, plastic, or metal frame containing a candle, fuel cell, or other heat source that provides buoyancy.

SPARK ARRESTER. A listed device constructed of noncombustible material specifically for the purpose of meeting one of the following conditions:

1. Removing and retaining carbon and other flammable particles/debris from the exhaust flow of an internal combustion engine in accordance with California Vehicle Code Section 38366.
2. Fireplaces that burn solid fuel in accordance with California Building Code Chapter 28.

Chapter 3 General Requirements is adopted in its entirety with the following amendments:

Section 304.1.2 Vegetation is hereby revised to read as follows:

304.1.2 Vegetation. Type, amount, or arrangement of weeds, grass, vines or other growth that is capable of being ignited and endangering property needing to comply with OCFA Guidelines, shall be cut, thinned, and removed by the owner or occupant of the premises in accordance with OCFA Guideline C-05 “Vegetation Management Guideline—Technical Design for New Construction, Fuel Modification Plans, and Maintenance Program. Vegetation clearance requirement in urban-wildland interface areas shall be in accordance with Chapter 49.

Section 305.6 Hazardous Conditions is hereby added as follows:

305.6 Hazardous conditions. Outdoor fires are not allowed when predicted sustained winds exceed 8 MPH during periods when relative humidity is less than 25%, or a red flag condition has been declared or public announcement is made, when an official sign was caused to be posted by the fire code official, or when such fires present a hazard as determined by the fire code official.

Section 305.7 Disposal of rubbish is hereby added as follows:

305.7 Disposal of rubbish. Rubbish, trash or combustible waste material shall be burned only within an approved incinerator and in accordance with Section 307.2.1.

Section 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES is hereby revised to read as follows:

SECTION 307 OPEN BURNING, RECREATIONAL FIRES, FIRE PITS, FIRE RINGS, AND PORTABLE OUTDOOR FIREPLACES

Sections 307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies is hereby added as follows:

307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies. Outdoor fireplaces, fire pits, fire rings, or similar exterior devices used at Group R shall comply with this section.

Exception: Barbeques, grills, and other portable devices intended solely for cooking.

Section 307.6.1 Gas-fueled devices is hereby added as follows:

307.6.1 Gas-fueled devices. Outdoor fireplaces, fire pits and similar devices fueled by natural gas or liquefied-petroleum gas are allowed when approved by the Building Department and the device is designed to only burn a gas flame and not wood or other solid fuel. At R-3 occupancies, combustible construction shall not be located within three feet of an atmospheric column that extends vertically from the perimeter of the device. At other R occupancies, the minimum distance shall be ten feet. Where a permanent Building Department approved hood and vent is installed, combustible construction may encroach upon this column between the bottom of the hood and the vent opening. Where chimneys or vents are installed, they shall have a spark arrester as defined in Section 202.

Section 307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas is hereby added as follows:

307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas. Fireplaces burning wood or other solid fuel shall be constructed in accordance with the California Building Code. Fires in a fireplace shall be contained within a firebox with an attached chimney. The opening in the face of the firebox shall have an installed and maintained method of arresting sparks. The burning of wood or other solid fuel in a device is not allowed within 15 feet of combustible structures, unless within a permanent or portable fireplace. Conditions which could cause a fire to spread within 25 feet of a structure or to vegetation shall be eliminated prior to ignition. Fires in devices burning wood or solid fuel shall be in accordance with Sections 305, 307, and 308.

Section 307.6.2.1 Where prohibited is hereby added as follows:

307.6.2.1 Where prohibited. The burning of wood and other solid fuels shall not be conducted within a fuel modification zone. Wood and other solid fuel burning fires in devices other than permanent fireplaces are not allowed within Wildfire Risk Areas (WRA) and Wildland-Urban Interface Areas (WUI) or in locations where conditions could cause the spread of fire to the WRA or WUI unless determined by the Fire Code Official that the location or design of the device should reasonably prevent the start of a wildfire.

Section 309.2.1 Indoor charging of electric carts/cars is hereby added as follows:

309.2.1 Indoor charging of electric carts/cars. Indoor charging of electric carts/cars where the combined volume of all battery electrolyte exceeds 50 gallons shall comply with following:

1. Spill control and neutralization shall be provided and comply with Section 608.5.
2. Room ventilation shall be provided and comply with Section 608.6.1
3. Signage shall be provided and comply with Section 608.7.1
4. Smoke detection shall be provided and comply with Section 608.9.

Section 320 Fuel Modification Requirements for New Construction is hereby added as follows:

320 Fuel Modification Requirements for New Construction. All new structures and facilities adjoining land containing hazardous combustible vegetation shall be approved and in accordance with the requirements of OCFA Guideline C-05 "Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program."

Section 321 Clearance of brush or vegetation growth from roadways is hereby added as follows:

321 Clearance of brush or vegetation growth from roadways. The fire code official is authorized to cause areas within 10 feet (3048 mm) on each side of portions of highways and private streets which are improved, designed or ordinarily used for vehicular traffic, to be cleared of flammable vegetation and other combustible growth. Measurement shall be from the flow-line or the end of the improved edge of the roadway surfaces.

Exception: Single specimens of trees, ornamental shrubbery or cultivated ground cover such as green grass, ivy, succulents or similar plants used as ground covers, provided that they do not form a means of readily transmitting fire.

Section 322 Unusual Circumstances is hereby added as follows:

322 Unusual circumstances. The fire code official may suspend enforcement of the vegetation management requirements and require reasonable alternative measures

designed to advance the purpose of this code if determined that in any specific case that any of the following conditions exist:

1. Difficult terrain.
2. Danger of erosion.
3. Presence of plants included in any state and federal resources agencies, California Native Plant Society and county-approved list of wildlife, plants, rare, endangered and/or threatened species.
4. Stands or groves of trees or heritage trees.
5. Other unusual circumstances that make strict compliance with the clearance of vegetation provisions undesirable or impractical.

Section 323 Use of Equipment is hereby added as follows:

323 Use of equipment. Except as otherwise provided in this section, no person shall use, operate, or cause to be operated in, upon or adjoining any hazardous fire area any internal combustion engine which uses hydrocarbon fuels, unless the engine is equipped with a spark arrester as defined in Section 202 maintained in effective working order, or the engine is constructed, equipped and maintained for the prevention of fire.

Exceptions:

1. Engines used to provide motor power for trucks, truck tractors, buses, and passenger vehicles, except motorcycles, are not subject to this section if the exhaust system is equipped with a muffler as defined in the Vehicle Code of the State of California.
2. Turbocharged engines are not subject to this section if all exhausted gases pass through the rotating turbine wheel, there is no exhaust bypass to the atmosphere, and the turbocharger is in good mechanical condition

Section 323.1 Spark Arresters is hereby added as follows:

323.1 Spark arresters. Spark arresters shall comply with Section 202, and when affixed to the exhaust system of engines or vehicles subject to Section 323 shall not be placed or mounted in such a manner as to allow flames or heat from the exhaust system to ignite any flammable material.

Section 324 Sky Lanterns or similar devices is hereby added as follows:

324 Sky Lanterns or similar devices. The ignition and/or launching of a Sky Lantern or similar device is prohibited.

Chapter 4 Emergency Planning and Preparedness

Chapter 4: Emergency Planning and Preparedness. Adopt only the sections, subsections, and amendment listed below:

401

401.3.4

401.9

402

403.2

404.5 – 404.6.6

407

Section 407.5 is revised to read as follows:

407.5 Hazardous Materials Inventory Statement. Where required by the fire code official, each application for a permit shall include OCFA's Chemical Classification Packet in accordance with Section 5001.5.2.

Chapter 5 Fire Service Features

Chapter 5 Fire Service Features is adopted in its entirety with the following amendments:

SECTION 501.1 Scope is revised to read as follows:

501.1 Scope. Fire service features for buildings, structures and premises shall comply with this chapter and, where required by the fire code official, with OCFA Guideline B-09, "Fire Master Plan for Commercial & Residential Development." Fire service features for buildings, structures and premises located in State Responsibility Areas shall also comply with OCFA Guideline B-09a, "Fire Safe Development in State Responsibility Areas."

Section 510.1 Emergency responder radio coverage is revised to read as follows:

510.1 Emergency responder radio coverage in new buildings. All new buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communication systems of the jurisdiction at the exterior of the building. This section shall not require improvement of the existing public safety communication systems. The Emergency Responder Radio Coverage System shall comply with the local authority having jurisdiction's ordinance and this code.

Exceptions:

1. Where it is determined by the fire code official that the radio coverage system is not needed.
2. In facilities where emergency responder radio coverage is required and such systems, components or equipment required could have a negative impact on the normal operations of that facility, the fire code official shall have the authority to accept an automatically activated emergency radio coverage system.

This section shall not apply to the following:

1. Existing buildings or structures, unless required by the Building Official and OCFA for buildings and structures undergoing extensive remodel and/or expansion.

2. Elevators.
3. Structures that are three stories or less without subterranean storage or parking and that do not exceed 50,000 square feet on any single story.
4. Wood-constructed residential structures four stories or less without subterranean storage or parking that are not built integral to an above ground multi-story parking structure.
5. Should construction that is three stories or less that does not exceed 50,000 square feet on any single story include subterranean storage or parking, then this ordinance shall apply only to the subterranean areas.

Section 510.2 Emergency responder radio coverage in existing buildings is deleted without replacement:

Section 510.4.2.2 Technical Criteria is revised to read as follows:

510.4.2.2 Technical criteria. The fire code official shall maintain a document providing the specific technical information and requirements for the emergency responder radio coverage system. This document shall contain, but not be limited to, the various frequencies required, the location of radio sites, effective radiated power of radio sites, and other supporting technical information.

1. The frequency range supported from the 800 MHz Countywide Communications System shall be 851-869 MHz (base transmitter frequencies).
2. The frequency range supported to the 800 MHz Countywide Communications System shall be 806-824 MHz (radio field transmit frequencies).
3. A public safety radio amplification system shall include filters to reject frequencies below 851 MHz and frequencies above 869 MHz by a minimum of 35dB.
4. All system components must be 100 percent compatible with analog and digital modulations after installation without adjustments or modifications. The systems must be capable of encompassing the frequencies stated herein and capable of future modifications to a frequency range subsequently established by the jurisdiction.
5. Active devices shall have a minimum of -50 dB 3rd order intermodulation protection.
6. All active in-building coverage devices shall be FCC Part 90 Type Certified

Section 510.5.1 Approval prior to installation is revised to read as follows:

510.5.1 Approval prior to installation. Amplification systems capable of operating on frequencies licensed to any public safety agency by the FCC shall not be installed without prior plan submittal, coordination and approval from Orange County Communications and a copy of the approved plan provided to of the fire and building code officials.

Section 510.5.2 Minimum qualification of personnel is revised to read as follows:

510.5.2 Minimum qualifications of personnel. The minimum qualifications of the system designer and lead installation personnel shall include both of the following:

1. A valid FCC-issued general radio operator's license.

2. Certification of in-building system training issued by a nationally recognized organization, school or a certificate issued by the manufacturer of the equipment being installed.

Section 510.5.3 Acceptance test procedure item 7 is revised to read as follows:

510.5.3 Acceptance test procedure. When an emergency responder radio coverage system is required, and upon completion of installation, the building owner shall have the radio system tested to ensure that two-way coverage on each floor of the building is not less than 90 percent. The test procedure shall be conducted as follows: ...

7. As part of the installation a spectrum analyzer or other suitable test equipment shall be utilized to ensure spurious oscillations are not being generated by the subject signal booster. This test shall be conducted at the time of installation and subsequent annual inspections by the FCC licensed technician hired by the property owner and an OCSD/Communications Division FCC-certified technician.

Section 510.6.1 Testing and proof of compliance is revised to read as follows:

510.6.1 Testing and proof of compliance.

The owner of the building or their representative shall have the emergency responder radio coverage system shall be inspected and tested annually or where structural changes occur including additions or remodels that could materially change the original field performance tests. Testing shall consist of the following:

1. In-building system components shall be tested to determine general functional operability.
2. Signal boosters shall be tested to ensure that the gain is the same as it was upon initial installation and acceptance.
3. Backup batteries and power supplies shall be tested under load of a period of one hour to verify that they will properly operate during an actual power outage. If within the 1-hour test period the battery exhibits symptoms of failure, the test shall be extended for additional 1-hour periods until the integrity of the battery can be determined.
4. Other active components shall be checked to verify operation within the manufacturer's specifications.
5. If noncompliance is found, the FCC licensed technician will assess improvements necessary and provide such information to OCSD Communications and the fire and building code officials.
6. At the conclusion of the testing, a certification report, which shall verify compliance with Section 510.5.3, shall be submitted to OCSD Communications and the fire and building code officials.

**Chapter 6
Building Services and Systems**

Chapter 6 Building Services and Systems is adopted in its entirety without amendments:

**Chapter 7
Fire-Resistance-Rated Construction**

Chapter 7 Fire-Resistance-Rated Construction is adopted in its entirety without amendments.

Chapter 8

Interior Finish, Decorative Materials and Furnishings

Chapter 8 Interior Finish, Decorative Materials and Furnishings is adopted in its entirety without amendments.

Chapter 9

Fire Protection Systems

Adopt Chapter 9 Fire Protection Systems is adopted in its entirety with the following amendments:

Section 903.2 Where required is hereby revised to read as follows:

903.2 Where required. Approved automatic sprinkler systems in buildings and structures shall be provided when one of the following conditions exists:

1. **New buildings:** Notwithstanding any applicable provisions of Sections 903.2.1 through 903.2.19, an automatic fire-extinguishing system shall also be installed in all occupancies when the total building area exceeds 5,000 square feet as defined in Section 202, regardless of fire areas or allowable area, or is more than two stories in height.

Exception: Subject to approval by the Fire Code Official, open parking garages in accordance with Section 406.5 of the California Building Code

2. **Existing Buildings:** Notwithstanding any applicable provisions of this code, an automatic sprinkler system shall be provided in an existing building when an addition occurs and one of the following conditions exists:
 - a. When an addition is 33% or more of the existing building area, and the resulting building area exceeds 5000 square feet
 - b. When an addition exceeds 2000 square feet and the resulting building area exceeds 5000 square feet.
 - c. An additional story is added above the second floor regardless of fire areas or allowable area.

Exception: Additions to Group R-3 occupancies shall comply with Section 903.2.8 (2).

Section 903.2.8 Group R is hereby revised to read as follows:

903.2.8 Group R. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area as follows:

1. **New Buildings:** An automatic sprinkler system shall be installed throughout all new buildings.
2. **Existing R-3 Buildings:** An automatic sprinkler system shall be installed throughout when one of the following conditions exists:
 - a. When an addition is 33% or more of the existing building area as defined in Section 202, and greater than 1000 square feet within a two year period; or,
 - b. An addition when the existing building is already provided with automatic sprinklers; or,
 - c. When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determines that the complexity of installing a sprinkler system would be similar as in a new building.

Exceptions:

1. Existing Group R-3 occupancies converted to Group R-3.1 occupancies and not housing bedridden clients, not housing nonambulatory clients above the first floor, and not housing clients above the second floor.
2. Existing Group R-3 occupancies converted to Group R-3.1 occupancies housing only one bedridden client and complying with Section 435.8.3.3 of the California Building Code.
3. Pursuant to Health and Safety Code, Section 13113, occupancies housing ambulatory children only, none of whom are mentally ill children or children with intellectual disabilities, and the buildings or portions thereof in which such children are housed are not more than two stories in height, and building or portions thereof housing such children have an automatic fire alarm system activated by approved smoke detectors.
4. Pursuant to Health and Safety Code, Section 13143.6, occupancies licensed for protective social care which house ambulatory clients only, none of whom is a child (under the age of 18 years), or who is elderly (65 years of age or over).

When not used in accordance with Section 504.2 or 506.3 of the California Building Code, an automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be allowed in Group R-2.1 occupancies.

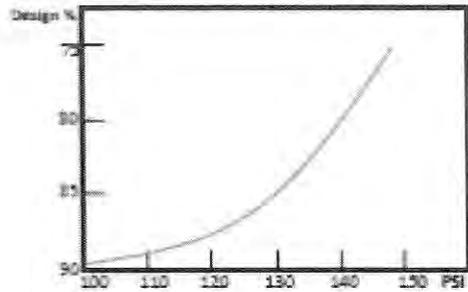
An automatic sprinkler system designed in accordance with Section 903.3.1.3 shall not be utilized in Group R-2.1 or R-4 occupancies.

Section 903.3.5.3 Hydraulically calculated systems is hereby added as follows:

903.3.5.3 Hydraulically calculated systems. The design of hydraulically calculated fire sprinkler systems shall not exceed 90% of the water supply capacity.

Exception: When static pressure exceeds 100 psi, and when required by the fire code official, the fire sprinkler system shall not exceed the water supply capacity specified by Table 903.3.5.3.

TABLE 903.3.5.3
Hydraulically Calculated Systems



Chapter 10 **Means of Egress**

Chapter 10 Means of Egress is adopted in its entirety without amendments.

Chapter 11 **Construction Requirements for Existing Buildings**

Chapter 11 Construction Requirements for Existing Buildings. Adopt only those sections and subsections listed below:

1103.7
1103.7.3
1103.7.3.1
1103.7.8 – 1103.7.8.2
1103.7.9 – 1103.7.9.10
1103.8 – 1103.8.5.3
1107
1113
1114
1115
1116

**Chapter 20
Aviation Facilities**

Chapter 20 Aviation Facilities is adopted in its entirety without amendments.

**Chapter 21
Dry Cleaning**

Chapter 21 Dry Cleaning is adopted in its entirety without amendments.

**Chapter 22
Combustible Dust-Producing Operations**

Chapter 22 Combustible Dust-Producing Operations is adopted in its entirety without amendments.

**Chapter 23
Motor Fuel-Dispensing Facilities and Repair Garages**

Chapter 23 Motor Fuel-Dispensing Facilities and Repair Garages is adopted in its entirety without amendments.

**Chapter 24
Flammable Finishes**

Chapter 24 Flammable Finishes is adopted in its entirety without amendments.

**Chapter 25
Fruit and Crop Ripening**

Chapter 25 Fruit and Crop Ripening is deleted in its entirety.

**Chapter 26
Fumigation and Insecticidal Fogging**

Chapter 26 Fumigation and Insecticidal Fogging is deleted in its entirety.

**Chapter 27
Semiconductor Fabrication Facilities**

Chapter 27 Semiconductor Fabrication Facilities is adopted in its entirety without amendments

**Chapter 28
Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Facilities**

Chapter 28 Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Facilities is adopted in its entirety with the following amendments:

Section 2801.2 Permit is hereby revised to read as follows:

2801.2 Permit. Permits shall be required as set forth in Section 105.6 and 105.6.29.

Section 2808.2 Storage site is hereby revised to read as follows:

2808.2 Storage site. Storage sites shall be level and on solid ground, elevated soil lifts or other all-weather surface. Sites shall be thoroughly cleaned and approval obtained from the fire code official before transferring products to the site.

Section 2808.3 Size of piles is hereby revised to read as follows:

2808.3 Size of piles. Piles shall not exceed 15 feet in height, 50 feet in width and 100 feet in length.

Exception: The fire code official is authorized to allow the pile size to be increased where a fire protection plan is provided for approval that includes, but is not limited to, the following:

1. Storage yard areas and materials-handling equipment selection, design and arrangement shall be based upon sound fire prevention and protection principles.
2. Factor that lead to spontaneous heating shall be identified in the plan, and control of the various factors shall be identified and implemented, including provisions for monitoring the internal condition of the pile.
3. The plan shall include means for early fire detection and reporting to the public fire department; and facilities needed by the fire department for fire extinguishment including a water supply and fire hydrants.
4. Fire apparatus access roads around the piles and access roads to the top of the piles shall be established, identified and maintained.

5. Regular yard inspections by trained personnel shall be included as part of an effective fire prevention maintenance program.

Additional fire protection called for in the plan shall be provided and shall be installed in accordance with this code. The increase of the pile size shall be based upon the capabilities of the installed fire protection system and features.

Section 2808.4 Pile Separation is hereby revised to read as follows:

2808.4. Pile separation. Piles shall be separated from adjacent piles by a minimum distance of 20 feet. Additionally, piles shall have a minimum separation of 100 feet from combustible vegetation.

Section 2808.7 Pile fire protection is hereby revised to read as follows:

2808.7 Pile fire protection. Automatic sprinkler protection shall be provided in conveyor tunnels and combustible enclosures that pass under a pile. Combustible conveyor systems and enclosed conveyor systems shall be equipped with an approved automatic sprinkler system. Oscillating sprinklers with a sufficient projectile reach are required to maintain a 40% to 60% moisture content and wet down burning/smoldering areas.

Section 2808.9 Material-handling equipment is hereby revised to read as follows:

2808.9 Material-handling equipment. All material-handling equipment operated by an internal combustion engine shall be provided and maintained with an approved spark arrester. Approved material-handling equipment shall be available for moving wood chips, hogged material, wood fines and raw product during fire-fighting operations.

Section 2808.11 Temperature control is hereby added as follows:

2808.11 Temperature control. The temperature shall be monitored and maintained as specified in Sections 2808.11.1 and 2808.11.2.

Section 2808.11.1 Pile temperature control is hereby added as follows:

2808.11.1 Pile temperature control. Piles shall be rotated when internal temperature readings are in excess of 165 degrees Fahrenheit.

Section 2808.11.2 New material temperature control is hereby added as follows:

2808.11.2 New material temperature control. New loads delivered to the facility shall be inspected and tested at the facility entry prior to taking delivery. Material with temperature exceeding 165 degrees Fahrenheit shall not be

accepted on the site. New loads shall comply with the requirements of this chapter and be monitored to verify that the temperature remains stable.

Section 2808.12 Water availability is hereby added as follows:

2808.12 Water Availability. Facilities with over 2500 cubic feet shall provide a water supply. The minimum fire flow shall be no less than 500 GPM @ 20 psi for a minimum of 1 hour duration for pile heights up to 6 feet and 2 hour duration for pile heights over 6 feet. If there is no water purveyor, an alternate water supply with storage tank(s) shall be provided for fire suppression. The water supply tank(s) shall provide a minimum capacity of 2500 gallons per pile (maximum 30,000 gallons) for piles not exceeding 6 feet in height and 5000 gallons per pile (maximum 60,000) for piles exceeding 6 feet in height. Water tank(s) shall not be used for any other purpose unless the required fire flow is left in reserve within the tank at all times. An approved method shall be provided to maintain the required amount of water within the tank(s).

Section 2808.13 Tipping area is hereby added as follows:

2808.13 Tipping areas shall comply with the following:

1. Tipping areas shall not exceed a maximum area of 50 feet by 50 feet.
2. Material within a tipping area shall not exceed 5 feet in height at any time.
3. Tipping areas shall be separated from all piles by a 20 foot wide fire access lane.
4. A fire hydrant or approved fire water supply outlet shall be located within 150 feet of all points along the perimeter of the tipping area.
5. All material within a tipping area shall be processed within 5 days of receipt.

Section 2808.14 Emergency Contact is hereby added as follows:

2808.14 Emergency Contact. The contact information of a responsible person or persons shall be provided to the Fire Department and shall be posted at the entrance to the facility for responding units. The responsible party should be available to respond to the business in emergency situation.

Chapter 29 Manufacture of Organic Coatings

Chapter 29 Manufacture of Organic Coatings is adopted in its entirety without amendments.

Chapter 30 Industrial Ovens

Chapter 30 Industrial Ovens is adopted in its entirety without amendments.

Chapter 31 Tents and Other Membrane Structures

Chapter 31 Tents and Other Membrane Structures is adopted in its entirety without amendments.

**Chapter 32
High-Piled Combustible Storage**

Chapter 32 High-Piled Combustible Storage is adopted in its entirety without amendments.

**Chapter 33
Fire Safety During Construction and Demolition**

Chapter 33 Fire Safety During Construction and Demolition is adopted in its entirety without amendments.

**Chapter 34
Tire Rebuilding and Tire Storage**

Chapter 34 Tire Rebuilding and Tire Storage is adopted in its entirety without amendments.

**Chapter 35
Welding and Other Hot Work**

Chapter 35 Welding and Other Hot Work is adopted in its entirety without amendments.

**Chapter 36
Marinas**

Chapter 36 Marinas is adopted in its entirety without amendments.

**Chapter 37
Combustible Fibers**

Chapter 37 Combustible Fibers is adopted in its entirety without amendments.

**Chapter 48
Motion Picture and Television Production Studio Sound Stages, Approved
Production Facilities and Production Locations**

Chapter 48 Motion Picture and Television Production Studio Sound Stages, Approved Production Facilities and Production Locations is adopted in its entirety without amendments. August 3, 2016 page 18 2016 CFCC Code Amendments

Chapter 49
Requirements for Wildland-Urban Interface Fire Areas

Chapter 49 Requirements for Wildland-Urban Interface Fire Areas is adopted in its entirety with the following amendments:

Section 4906.3 Requirements is hereby revised to read as follows:

4906.3 Requirements. Hazardous vegetation and fuels around all applicable buildings and structure shall be maintained in accordance with the following laws and regulations:

1. Public Resources Code, Section 4291.
2. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 3, Section 1299 (see guidance for implementation "General Guideline to Create Defensible Space").
3. California Government Code, Section 51182.
4. California Code of Regulations, Title 19, Division 1, Chapter 7, Subchapter 1, Section 3.07.
5. OCFA Guideline C-05 "Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program."

Section 4908 Fuel Modification Requirements for New Construction is hereby added as follows:

4908 Fuel Modification Requirements for New Construction. All new buildings to be built or installed in a Wildfire Risk Area shall comply with the following:

1. Preliminary fuel modification plans shall be submitted to and approved by the fire code official prior to or concurrently with the approval of any tentative map.
2. Final fuel modification plans shall be submitted to and approved by the fire code official prior to the issuance of a grading permit.
3. The fuel modification plans shall meet the criteria set forth in the Fuel Modification Section of OCFA Guideline C-05 "Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program."
- 3.1 The fuel modification plan shall include provisions for the maintenance of the fuel modification in perpetuity.
4. The fuel modification plan may be altered if conditions change. Any alterations to the fuel modification areas shall have prior approval from the fire code official.

5. All elements of the fuel modification plan shall be maintained in accordance with the approved plan and are subject to the enforcement process outlined in the Fire Code.

Chapter 50

Hazardous Materials – General Provisions

Chapter 50 Hazardous Materials – General Provisions is adopted in its entirety with the following amendments.

Section 5001.5.2 Hazardous Materials Inventory Statement (HMIS) is hereby revised to read as follows:

5001.5.2 Hazardous Materials Inventory Statement (HMIS). Where required by the fire code official, an application for a permit shall include Orange County Fire Authority's Chemical Classification Packet, which shall be completed and approved prior to approval of plans, and/or the storage, use or handling of chemicals on the premises. The Chemical Classification Packet shall include the following information:

1. Product Name.
2. Component.
3. Chemical Abstract Service (CAS) number.
4. Location where stored or used.
5. Container size.
6. Hazard classification.
7. Amount in storage.
8. Amount in use-closed systems.
9. Amount in use-open systems.

Section 5003.1.1.1 Extremely Hazardous Substances is hereby added as follows:

5003.1.1.1 Extremely Hazardous Substances. No person shall use or store any amount of extremely hazardous substances (EHS) in excess of the disclosable amounts (see Health and Safety Code Section 25500 et al) in a residential zoned or any residentially developed property.

Chapter 51

Aerosols

Chapter 51 Aerosols is adopted in its entirety without amendments.

Chapter 53

Compressed Gases

Chapter 53 Compressed Gases is adopted in its entirety without amendments.

Chapter 54

Corrosive Materials

Chapter 54 Corrosive materials is adopted in its entirety without amendments.

**Chapter 55
Cryogenic Fluids**

Chapter 55 Cryogenic Fluids is adopted in its entirety without amendments.

**Chapter 56
Explosives and Fireworks**

Chapter 56 Explosives and Fireworks is adopted in its entirety with the following amendments:

Section 5608.2 Firing is hereby added as follows:

5608.2 Firing. All fireworks displays, regardless of mortar, device, or shell size, shall be electrically fired.

Section 5608.3 Application for Permit is hereby added as follows:

Section 5608.3 Application for Permit. A diagram of the grounds on which the display is to be held showing the point at which the fireworks are to be discharged, the fallout area based on 100 feet per inch of shell size, the location of all buildings, roads, and other means of transportation, the lines behind which the audience will be restrained, the location of all nearby trees, telegraph or telephone line, or other overhead obstructions shall be provided to OCFA.

**Chapter 57
Flammable and Combustible Liquids**

Chapter 57 Flammable and Combustible Liquids is adopted in its entirety without amendments.

**Chapter 58
Flammable Gases and Flammable Cryogenic Fluids**

Chapter 58 Flammable Gases and Flammable Cryogenic Fluids is adopted in its entirety without amendments.

**Chapter 59
Flammable Solids**

Chapter 59 Flammable Solids is adopted in its entirety without amendments.

Chapter 60

Highly Toxic and Toxic Materials

Chapter 60 Highly Toxic and Toxic Materials is adopted in its entirety without amendments.

Chapter 61 Liquefied Petroleum Gases

Chapter 61 Liquefied Petroleum Gases is adopted in its entirety without amendments.

Chapter 62 Organic Peroxides

Chapter 62 Organic Peroxides is adopted in its entirety without amendments.

Chapter 63 Oxidizers, Oxidizing Gases, and Oxidizing Cryogenic Fluids

Chapter 63 Oxidizers, Oxidizing Gases, and Oxidizing Cryogenic Fluids is adopted in its entirety without amendments.

Chapter 64 Pyrophoric Materials

Chapter 64 Pyrophoric Materials is adopted in its entirety without amendments.

Chapter 65 Pyroxylin (Cellulose Nitrate) Plastics

Chapter 65 Pyroxylin (Cellulose Nitrate) Plastics is adopted in its entirety without amendments.

Chapter 66 Unstable (Reactive) Materials

Chapter 66 Unstable (Reactive) Materials is adopted in its entirety without amendments.

Chapter 67 Water-Reactive Solids and Liquids

Chapter 67 Water-Reactive Solids and Liquids is adopted in its entirety without amendments.

Chapter 80 Referenced Standards

Chapter 80 Referenced Standards is adopted in its entirety with the following amendments:

NFPA 13, 2016 Edition, Standard for the Installation of Sprinkler Systems is hereby amended as follows:

Section 6.7.3 is hereby revised to read as follows:

6.7.3 Fire department connections (FDC) shall be of an approved type. The location shall be approved and be no more than 150 feet from a public hydrant. The FDC may be located within 150 feet of a private fire hydrant when approved by the fire code official. The size of piping and the number of 2½" inlets shall be approved by the fire code official. If acceptable to the water authority, it may be installed on the backflow assembly. Fire department inlet connections shall be painted OSHA safety red or as approved. When the fire sprinkler density design requires more than 500 gpm (including inside hose stream demand), or a standpipe system is included, four 2½" inlets shall be provided.

Section 8.3.3.1 is hereby revised to read as follows:

8.3.3.1 When fire sprinkler systems are installed in shell buildings of undetermined use (Spec Buildings) other than warehouses (S occupancies), fire sprinklers of the quick-response type shall be used. Use is considered undetermined if a specific tenant/occupant is not identified at the time the fire sprinkler plan is submitted. Sprinklers in light hazard occupancies shall be one of the following:

- (1) Quick-response type as defined in 3.6.4.8
- (2) Residential sprinklers in accordance with the requirements of 8.4.5
- (3) Quick response CMSA sprinklers
- (4) ESFR sprinklers
- (5) Standard-response sprinklers used for modifications or additions to existing light hazard systems equipped with standard-response sprinklers
- (6) Standard-response sprinklers used where individual standard-response sprinklers are replaced in existing light hazard systems

Section 11.1.1.1 is hereby added as follows:

11.1.1.1 When fire sprinkler systems are required in buildings of undetermined use other than warehouses, they shall be designed and installed to have a fire sprinkler density of not less than that required for an Ordinary Hazard Group 2 use, with no reduction(s) in density or design area. Warehouse fire sprinkler systems shall be designed to Figure 16.2.1.3.2 (d) curve "G". Use is considered undetermined if a specific tenant/occupant is not identified at the time the sprinkler plan is submitted. Where a subsequent use or occupancy requires a system with greater capability, it shall be the responsibility of the occupant to upgrade the system to the required density for the new use or occupancy.

Section 11.2.3.1.1.1 is hereby added as follows:

11.2.3.1.1.1 The available water supply for fire sprinkler system design shall be determined by one of the following methods, as approved by the fire code official:

- 1) Subtract the project site elevation from the low water level for the appropriate pressure zone and multiply the result by 0.433;
- 2) Use a maximum of 40 psi, if available;
- 3) Utilize the OCFA water-flow test form/directions to document a flow test conducted by the local water agency or an approved third party licensed in the State of California.

NFPA 13D 2016 Edition, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes is hereby amended as follows:
Section 7.1.2 is hereby revised to read as follows:

7.1.2 The sprinkler system piping shall not have separate control valves installed unless supervised by a central station, proprietary, or remote station alarm service:

NFPA 14, 2016 Edition, Installation of Standpipe and Hose Systems is hereby amended as follows:

Section 7.3.1.1 is hereby revised to read as follows:

7.3.1.1 Class I and III Standpipe hose connections shall be unobstructed and shall be located not less than 18 inches or more than 24 inches above the finished floor. Class II Standpipe hose connections shall be unobstructed and shall be located not less than 3 feet or more than 5 feet above the finished floor.

NFPA 24, 2016 Edition, Standard for the Installation of Private Fire Service Mains and Their Appurtenances is hereby amended as follows:

Section 6.2.8.1 is hereby added as follows:

6.2.8.1 All indicating valves controlling fire suppression water supplies shall be painted OSHA red.

Exceptions:

1. Brass or bronze valves on sprinkler risers mounted to the exterior of the building may be left unpainted.
2. Where OS&Y valves on the detector check assembly are the only control valves, at least one OS&Y valve shall be painted red.

Section 6.2.9 is hereby revised to read as follows:

All connections to private fire service mains for fire protection systems shall be arranged in accordance with one of the following so that they can be isolated:

- (1) A post indicator valve installed not less than 40 ft (12 m) from the building
 - a. For buildings less than 40 ft (12 m) in height, a post indicator valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the post indicator valve.
- (2) A wall post indicator valve
- (3) An indicating valve in a pit, installed in accordance with Section 6.4
- (4) A backflow preventer with at least one indicating valve not less than 40 ft (12 m) from the building
 - a. For buildings less than 40 ft (12 m) in height, a backflow preventer with at least one indicating valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the backflow preventer.
- (5) Control valves installed in a fire-rated room accessible from the exterior
- (6) Control valves in a fire-rated stair enclosure accessible from the exterior

Section 10.1.5 is hereby added as follows:

10.1.5 All ferrous pipe and joints shall be polyethylene encased per AWWA C150, Method A, B, or C. All fittings shall be protected with a loose 8-mil polyethylene tube or sheet. The ends of the tube or sheet shall extend past the joint by a minimum of 12 inches and be sealed with 2 inch wide tape approved for underground use. Galvanizing does not meet the requirements of this section.

Exception: 304 or 316 Stainless Steel pipe and fittings

Section 10.4.1.1 is hereby revised to read as follows:

10.4.1.1 All bolted joint accessories shall be cleaned and thoroughly coated with asphalt or other corrosion-retarding material after installation.

Exception: Bolted joint accessories made from 304 or 316 stainless steel.

Section 10.4.1.1.1 is hereby added as follows:

10.4.1.1.1 All bolts used in pipe-joint assembly shall be 316 stainless steel.

Section 10.4.3.2 is hereby revised to read as follows:

10.4.3.2 Where fire service mains enter the building adjacent to the foundation, the pipe may run under a building to a maximum of 24 inches, as measured from the interior face of the exterior wall to the center of the vertical pipe. The pipe under the building or building foundation shall be 304 or 316 stainless steel and shall not contain mechanical joints or it shall comply with 10.4.3.2.1 through 10.4.3.2.4.

Appendices

Appendix A is deleted in its entirety without amendments.

Appendix B is adopted in its entirety without amendments.

Appendix BB is adopted in its entirety without amendments.

Appendix C is adopted in its entirety without amendments.

Appendix CC is adopted in its entirety without amendments.

Appendix D is deleted in its entirety without amendments.

Appendix E is deleted in its entirety without amendments.

Appendix F is deleted in its entirety without amendments.

Appendix G is deleted in its entirety without amendments.

Appendix H is adopted in its entirety without amendments.

Appendix I is deleted in its entirety without amendments.

Appendix J is deleted in its entirety without amendments.

Appendix K is deleted in its entirety without amendments.

Appendix L is deleted in its entirety without amendments.

Appendix M is deleted in its entirety without amendments.

Appendix N is deleted in its entirety without amendments.

SECTION 3. No Effect on Enforceability. The repealing provisions of the Los Alamitos Municipal Code shall not affect or impair any act done, or right vested or approved, or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act, vested right, proceeding, suit, or prosecution shall remain in full force and effect for all purposes as if the applicable provisions of the 1990 Code, or part thereof, had remained in force and effect. No

offense committed and no liability, penalty, or forfeiture, either civil or criminal, incurred prior to the repeal or alteration of any applicable provision of the 2007 Code as amended, shall be discharged or affected by such repeal or alteration but prosecutions and suits for such offenses, liabilities, penalties or forfeitures shall be instituted and proceed in all respects as if the applicable provisions of the 2007 Code, as amended, had not been repealed or altered.

SECTION 4. Continuity. To the extent the provisions of this Ordinance are substantially the same as previous provisions of the Los Alamitos Municipal Code, these provisions shall be construed as continuations of those provisions and not as amendments of the earlier provisions.

SECTION 5. Intent to Comply with Laws. The City Council intends this Ordinance to supplement, not to duplicate or contradict, applicable state and federal law and this Ordinance shall be construed in light of that intent.

SECTION 6. Filing with Building Standards Commission. The City Clerk shall file a certified copy of this Ordinance with the California Building Standards Commission.

SECTION 7. CEQA. In accordance with CEQA Guidelines section 15060(c)(2) – the adoption of the California Fire Code will not foreseeably result in direct or reasonably foreseeable indirect impacts and is exempt from the provisions of the California Environmental Quality Act and City Clerk shall file such Notice of Exemption with the County Clerk.

SECTION 8. Severability. If any section, subsection, sentence, clause, phrase or portion of this Ordinance is for any reason held out to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this ordinance. The City Council hereby declares that it would have adopted this ordinance and each section, subsection, sentence, clause, phrase or portion thereof irrespective of the fact that any one or more sections, subsection, sentence clause, phrases or portions be declared valid or unconstitutional.

SECTION 9. Effective Date. This Ordinance shall not take effect until thirty (30) days after its final passage, or January 1, 2014, whichever occurs later.

SECTION 10. Publication by Clerk. The City Clerk shall certify as to the adoption of this Ordinance and shall cause a summary thereof to be published within fifteen (15) days of adoption and shall post a certified copy of this Ordinance, including the vote for and against same, in the Office of the City Clerk, in accordance with Government Code 36933.

**PASSED, APPROVED AND ADOPTED THIS ____ DAY OF _____,
2016.**

Warren Kusumoto, Mayor

ATTEST:

Windmera Quintanar, CMC, City Clerk

APPROVED AS TO FORM:

Cary Reisman, City Attorney

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss
CITY OF LOS ALAMITOS)

I, Windmera Quintanar, CMC, City Clerk of the City of Los Alamitos, do hereby certify that the foregoing Ordinance No. 13-08 was duly introduced and placed upon its first reading at a regular meeting of the City Council on the ___st day of _____, 2016 and that thereafter, said Ordinance was duly adopted and passed at a meeting of the City Council on the ___nd day of _____, 2016, by the following vote, to wit:

AYES: COUNCILMEMBERS:

NOES: COUNCILMEMBERS:

ABSENT: COUNCILMEMBERS:

ABSTAIN: COUNCILMEMBERS:

Windmera Quintanar, CMC, City Clerk

EXHIBIT A LOCAL AMENDMENT FINDINGS

FACTUAL FINDINGS ESTABLISHING THE REASONABLE NEED FOR LOCAL AMENDMENTS TO PORTIONS OF THE BUILDING STANDARDS CODE AND FIRE CODE BASED UPON CLIMATIC, GEOLOGICAL AND/OR TOPOGRAPHICAL CONDITIONS

Section 1 of this Exhibit sets forth various findings that apply in Los Alamitos, explaining the various local climatic, geological and/or topographical conditions that necessitate the various changes.

Section 2 of this Exhibit explains which findings apply to which amendments.

Section 1. General Findings

The following findings apply in the City of Los Alamitos, and explain why the changes to the Building Standards Code are necessary because of climatic, geological and/or topographical conditions in the city.

I. Climatic Conditions

- A. Orange County is located in a semi-arid Mediterranean type climate. It annually experiences extended periods of high temperatures with little or no precipitation. Hot, dry (Santa Ana) winds, which may reach speeds of 70 M.P.H. or greater, are also common to the area. These climatic conditions cause extreme drying of vegetation and common building materials. Frequent periods of drought and low humidity add to the fire danger. This predisposes the area to large destructive fires (conflagration). In addition to directly damaging or destroying buildings, these fires are also prone to disrupt utility services throughout the County. Obstacles generated by a strong wind, such as fallen trees, street lights and utility poles will greatly impact the response time to reach an incident scene.
- B. The climate alternates between extended periods of drought and brief flooding conditions. Flood conditions may affect the Orange County fire Authority's ability to respond to a fire or emergency condition. Floods also disrupt utility services to buildings and facilities within the County.
- C. Water demand in this densely populated area far exceeds the quantity supplied by natural precipitation; and although the population continues to grow, the already-taxed water supply does not. California is projected to increase in population by nearly 10 million over the next quarter of a century with 50 percent of that growth centered in Southern California. Due to storage capacities and consumption, and a limited amount of rainfall future water allocation is not fully dependable. This necessitates the need for additional and on-site fire protection features.
- D. These dry climatic conditions and winds contribute to the rapid spread of even small fires originating in high-density housing or vegetation. These fires spread very quickly and create a need for increased levels of fire protection. The added protection of fire sprinkler systems and other fire protection features will supplement normal fire department response by providing immediate protection for the building occupants and

by containing and controlling the fire spread to the area of origin. Fire sprinkler systems will also reduce the use of water for firefighting by as much as 50 to 75 percent.

II. Topographical conditions

- A. Natural; slopes of 15 percent or greater generally occur throughout the foothills of Orange County. The elevation change caused by the hills creates the geological foundation on which communities with Orange County is built and will continue to build. With much of the populated flatlands already built upon, future growth will occur on steeper slopes and with greater constraints in terrain.
- B. Traffic and circulation congestion is an artificially created, obstructive topographical condition, which is common throughout Orange County.
- C. These topographical conditions combine to create a situation that places fire department response time to fire occurrences at risk and makes it necessary to provide automatic on-site fire-extinguishing systems and other protection measures to protect occupants and property.

III. Geological Conditions

The Orange County region is a densely populated area that has buildings constructed over and near a vast and complex network of faults that are believed to be capable of producing future earthquakes similar or greater in size than the 1994 Northridge and the 1971 Sylmar earthquakes. Earthquake faults run along the northeast and southwest boundaries of Orange County. The Newport-Inglewood Fault, located within Orange County was the source of the destructive 1933 Long Beach earthquake (6.3 magnitude) which took 120 lives and damaged buildings in an area from Laguna Beach to Marina Del Rey to Whittier. In December 1989, another earthquake occurred in the jurisdiction of Irvine at an unknown fault line. Regional planning for reoccurrence of earthquakes is recommended by the state of California, Department of Conservation.

- A. Previous earthquakes have been accompanied by disruption of traffic flow and fires. A severe seismic event has the potential to negatively impact any rescue or fire suppression activities because it is likely to create obstacles similar to those indicated under the high wind section above. The October 17, 1989, Santa Cruz earthquake resulted in one major fire in the Marina District (San Francisco). When combined with the 34 other fires locally and over 500 responses, the department was taxed to its fullest capabilities. The Marina fire was difficult to contain because mains supplying water to the district burst during the earthquake. This situation creates the need for both additional fire protection and automatic on-site fire protection for building occupants. State Department of Conservation noted in their 1988 report (Planning Scenario on a Major Earthquake on the Newport-Inglewood Fault Zone, page 59), "unfortunately, barely meeting the minimum earthquake standards of building codes places a building on the verge of being legally unsafe."
- B. Road circulation features located throughout the County also make amendments reasonably necessary. Located through the County are major roadways, highways and

flood control channels that create barriers and slow response times. Hills, slopes, street and storm drain design, accompanied by occasional heavy rainfall, causes roadway flooding and landslides and at times may make an emergency access route impassable. There are areas in Orange County that naturally have extended emergency response times that exceed the 5 minute goal.

- C. Soils throughout the County possess corrosive properties that reduce the expected usable life of water services when metallic pipes are in contact with soils.
- D. Portions so of the County contain active or former oil production fields. These areas contain a variety of naturally occurring gasses, liquids and vapors. These compounds present toxicity or flammability hazards to building occupants. Evaluation of these hazards and the risks they pose to development is necessary implement appropriate mitigation.

Due to the topographical conditions of sprawling development separated by waterways and narrow and congested streets and the expected infrastructure damage inherent in seismic zones described above, it is prudent to rely on automatic fire sprinkler systems to mitigate extended fire department response time and keep fires manageable with reduced fire flow (water) resources available for a given structure. Additional fire protection is also justified to match the current resources of firefighting equipment and personnel within the Orange County Fire Authority.

Section 2 – Which Findings Apply to Which Amendments

Amendments to the 2016 Edition of the California Codes are found reasonably necessary based on the climatic and/or geologic conditions cited in Section 1 of this ordinance.

2016 California Fire Code Amendment Findings Legend

CODE SECTION	TITLE (Clarification)	FINDINGS
109.4	Violation penalties	Administrative
109.4.2	Infraction & Misdemeanor	Administrative
202	General definitions	Administrative
304.1.2	OCFA Vegetation Management	I
305.6	Hazardous conditions	I & II
305.7	Disposal of rubbish	I & II
307	Fire Pits, Fire Rings, & Outdoor Fireplaces	Administrative
307.6.1	Gas-fueled devices	I & II
307.6.2	Devices using wood or fuels other than natural gas or LPG	I & II
307.6.2.1	Where prohibited	I & II
309.2.1	Indoor charging of electric cars	Administrative
320	Fuel modification requirements for new construction	I
321	Clearance of brush or vegetation growth from roadways	I
322	Unusual circumstances	Administrative
323	Use of equipment	I
323.1	Spark arresters	I
324	Sky Lanterns or similar devices	I & II
407.5	Hazardous material inventory statement	I & II
501.1	Scope	Administrative, I, II & III
510.1	Emergency responder radio coverage	Administrative
510.4.2.2	Technical Criteria	Administrative
510.5.1	Approval prior to installation	Administrative
510.5.2	Minimum qualification of personnel	Administrative
510.5.3	Acceptance test procedure	Administrative
510.6.1	Testing and proof of compliance	Administrative
903.2	Where required (Sprinklers)	I, II & III
903.2.8	Group R (Sprinklers)	I, II & III
903.3.5.3	Hydraulically calculated systems	I & II
2801.2	Permit	Administrative
2808.2	Storage site	Administrative
2808.3	Size of piles	I
2808.4	Pile separation	I
2808.7	Pile fire protection	I
2808.9	Material-handling equipment	I
2808.11	Temperature control	I
2808.11.1	Pile temperature control	I
2808.11.2	New material temperature control	I
2808.12	Water availability for piles	I
2808.13	Tipping area	I

2808.14	Emergency contact	Administrative
4906.3	OCFA Vegetation Management Guideline	I
4908	Fuel modification requirements for new construction	I
5001.5.2	Hazardous materials inventory statement	Administrative
5003.1.1.1	Extremely hazardous substances	I & III
5608.2	Retail fireworks	Administrative
5608.3	Application for permit	Administrative
Chapter 80	Reference Standards	N/A
	2016 NFPA 13 (Sprinkler Systems)	Administrative, II & III
	2016 NFPA 13-D (Single Family Sprinkler Systems)	I & II
	2013 NFPA 14 (Standpipe Systems)	Administrative
	2016 NFPA 24 (Underground Water Supply Systems)	Administrative & III

Note: Changes have been made to the same sections of the NFPA Standards in both the California Building Code and the California Residential Code; the justification is the same for the changes in the Residential Code as set forth for the Building Code