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P17-0360, P17-0361 \& P17-0750, Exhibit 6 - Project Plans



P17-0360, P17-0361 \& P17-0750, Exhibit 6 - Project Plans


P17-0360, P17-0361 \& P17-0750, Exhibit 6 - Project Plans


P17-0360, P17-0361 \& P17-0750, Exhibit 6 - Project Plans


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P17-0360, P17-0361 \& P17-0750, Exhibit 6 - Project Plans


P17-0360, P17-0361 \& P17-0750, Exhibit 6 - Project Plans

The applications submitted before you are for a conditional use permit to allow construction of a quick serve restaurant with drive thru in a C-R (Commercial Retail) Zone located at 1001 Alessandro Blvd., Riverside California. We are also submitting and application for Design Review of the same proposed restaurant.

This project is to construct $1,858 \mathrm{Sq}$.Ft. proto-typical Jack-in-the box Restaurant with drive thru window. The building will be slab on grade, walls wood framed and preengineered wood roof trusses. Interior acoustical ceilings, painted gypsum board walls, and tile floors generally make up the public spaces. The kitchen will have stainless steel and fiberglass reinforced wall panels with vinyl clad ceiling tiles. The exterior of the building will be mostly clad in stucco. Roofing system is made up of pre-painted metal coping caps, with TPO membrane roofing hidden behind parapet walls. All windows and doors will be typical aluminum storefront framing systems. New rooftop mechanical units will be placed on the roof, hidden by parapet walls to service the interior of the building. New plumbing and electrical will be installed throughout to provide adequate service for the restaurant equipment and patrons.

Site work will include demolition of some existing asphalt parking, concrete curb and gutter with reconstruction of additional asphalt parking, curb and gutter. New landscaping will be installed along street frontage as well as parking areas. New pole lighting for the parking lot will be installed. Existing utility services will be extended to the building, most of which are stubbed to the site or very nearby. A new grease interceptor will be installed.

All drainage shall be retained on site using bio-retention basins.

Operational hours will be as follows; Drive thru open 24 hours. Dining Room hours will be from 5am to 10pm Monday through Thursday, 5am through midnight weekends. There will generally be approximately 8 employees at peak times of the day. Delivery times are usually in the morning between 7 and 9am.
Mr. Chad Hamilton
Northwest Commercial Advisors, LLC
3023 E. Copper Point Drive, Suite 205
Meridian, Idaho 83642
LLG Reference No. 2.17.3848.1

Subject: $\quad$\begin{tabular}{l}
Parking Demand Analysis for the Proposed Jack in the Box at \\

$\quad$| Barton Center |
| :--- |
| Riverside, California |

\end{tabular}.

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flichardE Barretto, PE
Keil D.Maberry, PE

Land Institute's (ULI) Shared Parking Second Edition guidelines, and existing parking surveys.

Briefly, the Jack in the Box at Barton Center project is forecast to have a parking deficiency of 19 parking spaces based on a City Parking Requirement analysis. However, as all businesses do not reach their peak occupancy at the same time, an alternative "shared parking" analysis would provide a more accurate depiction of the parking demand.

As such, a shared analysis based on actual parking surveys at the project site was prepared and indicates that reoccupying the vacant retail suite and constructing the new Jack in the Box restaurant at the existing Barton Center development will not adversely impact existing or future parking conditions. The proposed on-site parking supply of 95 spaces is forecast to adequately accommodate future parking demands on a typical weekday and weekend day. Our method of analysis, findings, and recommendations are detailed in the following sections of this report.

## Project Description

The Barton Center development is an existing 16,900 square foot (SF) mixed-use shopping center with a combination of retail and restaurant uses and a current vacancy of 875 SF. Table 1, located at the end of this letter report, following the figures, summarizes the existing and proposed land uses, tenants, and associated floor areas for the proposed Jack in the Box at Barton Center development. As shown in Table 1, the proposed project includes a proposed 1,856 SF fast-food restaurant (Jack in the Box) and a proposed reoccupied 875 SF retail suite.

## Parking Supply-Demand Analysis

This parking analysis for the proposed Jack in the Box and reoccupied 875 SF retail suite at Barton Center involves determining the expected parking needs, based on the size and type of existing and proposed development components.

For this Project, there are two (2) appropriate methods that can be used to estimate the site's peak parking requirements. These methods include:

1. Application of City parking requirements (which typically treat each use in the project as a "stand alone" use at maximum demand); and
2. Application of parking survey information combined with the shared parking methodology, which combines actual parking demand data with vacant and proposed uses based on city requirements, and time of day profiles.

The survey shared parking methodology is certainly applicable to a development such as the Jack in the Box at Barton Center project, since it is an existing facility that is currently 95\% occupied.

## City Parking Requirements

To determine the number of parking spaces required to support the additional development at Jack in the Box at Barton Center, parking demand was first calculated using the City of Riverside Parking Requirements. As mentioned previously, City parking code requirements typically treat each individual use in the project as a "stand alone" use at maximum demand, as opposed to an integrated part of the entire project. As such, the City of Riverside Parking Requirements (Municipal Code Chapter 19.580, Parking \& Loading; Section 19.580.060, Parking Requirements - Table 19.580.060) specifies the following parking ratios: retail stores require one space per 250 SF of floor area; restaurants require one space per 100 SF floor area; dentist uses (medical office) require one space per 180 SF floor area; office uses require one space per 250 SF floor area; and beauty salons (personal service) require one space per 250 SF floor area.

Table 2 summarizes the parking requirements for the proposed Jack in the Box at Barton Center project using the above parking ratios. As shown, direct application of City parking requirement ratios to the Jack in the Box at Barton Center project totals result in a City parking requirement of 114 parking spaces. With a proposed parking supply of 95 spaces, a theoretical deficiency of 19 spaces is forecast. However, as previously mentioned, a shared parking analysis has also been prepared based on parking survey information combined with the shared parking methodology, which combines actual parking demand data with vacant and proposed uses based on city code and time of day profiles.

## Parking Utilization Surveys

To determine the existing parking demand of the existing uses at Jack in the Box at Barton Center, parking surveys were conducted on a typical weekday (Thursday) and weekend day (Saturday) by Transportation Studies Inc. The parking surveys were performed at one-hour intervals between 9:00 AM and 9:00 PM on Thursday, June 22, 2017 and Saturday, June 24, 2017. The parking surveys consisted of counting the number of parked vehicles within the entire Barton Center site.

The results of the weekday and weekend day parking surveys are summarized in Table 3, which reflects the parking demand at the study site for each one-hour of the weekday and weekend day count dates. As shown in Table 3, the study site experienced a weekday peak parking demand of 44 ( $48 \%$ utilization) within the entire site at 4:00 PM. Additionally as shown in Table 3, the study site experienced a
weekend peak parking demand of 39 (43\% utilization) within the entire site at 5:00 PM.

## Shared Parking Analysis

Based on the mix of uses proposed for the Jack in the Box at Barton Center project, the parking demand can be calculated using shared parking criteria as established by the Urban Land Institute (ULI) which lays out a calculation matrix for computing the project's realistic parking needs.

## Shared Parking Rationale and Basis

Accumulated experience in parking demand characteristics indicates that a mixing of land uses results in an overall parking need that is less than the sum of the individual peak requirements for each land use. Shared parking calculations recognize that different uses often experience individual peak parking demands at different times of day, or days of the week. When uses share a common parking footprint, the total number of spaces needed to support the collective whole is determined by adding parking profiles (by time of day or day of week), rather than individual peak ratios as represented by City of Riverside Parking Requirements.

The analytical procedures for Shared Parking Analyses are well documented in the Shared Parking publication by the Urban Land Institute (ULI). As for other local application, the City of Costa Mesa, and the City of Irvine, among others, has adopted Shared Parking procedures into their Zoning Ordinances based on the ULI techniques and individual parking studies, which validate and/or refine the ULI demand projections and profiles.

## Shared Parking Ratios and Profiles

The hourly parking demand profiles (expressed in percent of peak demand) are based on profiles developed by the Urban Land Institute (ULI) and published in Shared Parking Second Edition. The ULI publication presents hourly parking demand profiles for many general land uses such as office, retail, restaurant, cinema, and residential. These factors present a profile of parking demand over time and have been used directly, by land use type, in this analysis project.

Since the proposed components of the Jack in the Box at Barton Center project consists of standard ULI land uses, such as retail (grooming hours of operation and visitation are consistent with retail uses), and restaurant (Jack in the Box hours of operation and visitation are consistent with the fast-food restaurant use) the ULI baseline profiles were applied directly. The City's parking requirement for restaurants and retail were utilized for the proposed project.

## Survey Data Shared Parking Demand Analysis and Results

In order to determine the peak parking requirement for the Jack in the Box at Barton Center project, utilization of the survey data for the existing land uses is combined with the parking demand within the shared parking model for the vacant and proposed uses.

Tables 4 and 5 present an approach which applies the City code parking requirement and site-specific time of day parking profiles to the proposed $1,856 \mathrm{SF}$ fast-food restaurant (Jack in the Box) and a proposed reoccupied 875 SF retail suite for the weekday and weekend time frames, respectively, while directly applying the parking survey results as a time of day parking profile for the occupied square-footage within the existing Barton Center site. Please note that a $25 \%$ contingency factor was applied to the survey data to account for daily variations in the current parking demand. Appendix A contains the weekday and weekend shared parking analysis calculation worksheets for the retail and fast-food restaurant land uses.

As shown in Table 4, the peak parking requirement for the proposed Jack in the Box at Barton Center project during a typical weekday totals 72 parking spaces and occurs at 12:00 PM and 2:00 PM. With a proposed on-site parking supply of 95 parking spaces, a minimum parking surplus of 23 spaces is forecast for the entire site. Consequently, the parking survey data shared parking demand analysis indicates that there is adequate parking on site to accommodate the proposed Jack in the Box and reoccupied retail suite on a typical weekday.

As shown in Table 5, the peak parking requirement for the proposed Jack in the Box at Barton Center project during a typical weekend day totals 67 parking spaces and occurs at 1:00 PM. With a proposed on-site parking supply of 95 parking spaces, a minimum parking surplus of 28 spaces is forecast for the entire site. Consequently, the parking survey data shared parking demand analysis indicates that there is adequate parking on site to accommodate the proposed Jack in the Box and reoccupied retail suite on a typical weekend day.

## Summary of Findings and Conclusions

1. The proposed project involves constructing a new 1,856 SF fast-food restaurant (Jack in the Box) and reoccupying a 875 SF retail suite. The Jack in the Box at Barton Center project will increase the current parking supply of 91 parking spaces to 95 parking spaces.
2. Direct application of City Requirement parking ratios to the Jack in the Box at Barton Center project totals result in a City parking code requirement of 114 parking spaces. With a proposed parking supply of 95 spaces, a theoretical deficiency of 19 spaces is forecast. However, a shared parking analysis has also been prepared based

Mr. Chad Hamilton
July 5, 2017
Page 6
on parking survey information combined with the shared parking methodology, which combines actual parking demand data with vacant and proposed uses based on city parking requirements and time of day profiles.
3. The survey data shared parking analysis indicates that the peak parking demand for the proposed Jack in the Box at Barton Center project (Table 4) during a typical weekday totals 72 parking spaces and occurs at 12:00 PM and 1:00 PM. With a proposed on-site parking supply of 95 parking spaces, a minimum parking surplus of 23 spaces is forecast for the entire site on a typical weekday. In addition, the survey data shared parking analysis indicates that the peak parking demand for the proposed Jack in the Box at Barton Center project (Table 5) during a typical weekend day totals 67 parking spaces and occurs at 1:00 PM. With a proposed onsite parking supply of 95 parking spaces, a minimum parking surplus of 28 spaces is forecast for the entire site on a typical weekend day.

Consequently, the parking survey data shared parking demand analysis indicates that there is adequate parking on site to accommodate the proposed Jack in the Box at Barton Center project utilizing the City parking code requirement.

We appreciate the opportunity to prepare this parking analysis for Northwest Commercial Advisors. Should you have any questions or need additional assistance, please do not hesitate to call me at (949) 825-6175.

Very truly yours,
Linscott, Law \& Greenspan, Engineers

Keil D. Maberry, P.E. Principal


P17-0360, P17-0361 \& P17-0750, Exhibit 8 - Parking Demand Analysis


Table1

## Project Development Summary

Jack inthe Box at Barton Centre, Riverside

| Suite ID | Tenant | Land Use | Size |
| :---: | :---: | :---: | :---: |
| 1001 | Proposed Jack in the Box | Restaurant | 1,856 SF |
| 100-A | Alessandro Liquor | Retail | 2,500 SF |
| 100-B | Mission Grove Grooming | Retail | 900 SF |
| 200 | Sales Office | Office | 875 SF |
| 210 | Sales Office | Office | 875 SF |
| 220 | Surely You Travel | Retail | 875 SF |
| 230 | Vacant | Retail | 875 SF |
| 110/120 | Creola's | Restaurant | 2,500 SF |
| 130 | Michael A Hunting, DDS | Medical Office | 1,730 SF |
| 140 | Unique Hair \& Nails | Personal Service | 770 SF |
| 150 | Angelica’s Florist \& Gifts | Retail | 1,250 SF |
| 160 | Heavenly Hair | Personal Service | 1,250 SF |
| 170 | Better Be Donuts Cafe | Restaurant | 1,250 SF |
| 180 | Victoria Cleaners | Retail | 1,250 SF |
| Summary: Total Occupied Restaurant Square Footage |  |  | 3,750 SF |
| Total Occupied Office Square Footage |  |  | 1,750 SF |
| Total Occupied Personal Service Square Footage |  |  | 2,020 SF |
| Total Occupied Medical Office Square Footage |  |  | 1,730 SF |
| Total Occupied Retail Square Footage |  |  | 6,775 SF |
| Total Vacant/Proposed Restaurant Square Footage |  |  | 1,856 SF |
| Total Vacant/Proposed Retail Square Footage |  |  | 875 SF |
| Total Site Square Footage |  |  | 18,756 SF |

Table2
City Code Parking Requirevents ${ }^{1}$
Jackinthe Box at Barton Cenier, Riverside

| Land Use | Size | City of Riverside <br> Code Parking Ratio | Spaces <br> Required |  |
| :--- | :---: | :---: | :---: | :---: |
| Restaurant | $5,606 \mathrm{SF}$ | 1 space per 100 SF | 57 |  |
| Office | $1,750 \mathrm{SF}$ | 1 space per 250 SF | 7 |  |
| Personal Service | $2,020 \mathrm{SF}$ | 1 space per 250 SF | 9 |  |
| Medical Office | $1,730 \mathrm{SF}$ | 1 space per 180 SF | 10 |  |
| Retail | $7,650 \mathrm{SF}$ | 1 space per 250 SF | 31 |  |
|  | Code Parking Requirement | 114 |  |  |
|  |  |  |  |  |

[^0]Table3
Parking Survey Summary ${ }^{2}$
Jackinthe Box at Barton Center, Riverside

| Time Began | Thursday, June 22, 2017 |  | Saturday, June 24, 2017 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Supply = 91 |  | Supply = 91 |  |
|  | Parking Counts | \% Utilization | Parking Counts | \% Utilization |
| 9:00 AM | 31 | 34\% | 19 | 21\% |
| 10:00 AM | 36 | 40\% | 25 | 27\% |
| 11:00 AM | 39 | 43\% | 26 | 29\% |
| 12:00 PM | 40 | 44\% | 29 | 32\% |
| 1:00 PM | 37 | 41\% | 37 | 41\% |
| 2:00 PM | 42 | 46\% | 36 | 40\% |
| 3:00 PM | 42 | 46\% | 36 | 40\% |
| 4:00 PM | 44 | 48\% | 34 | 37\% |
| 5:00 PM | 35 | 38\% | 39 | 43\% |
| 6:00 PM | 32 | 35\% | 33 | 36\% |
| 7:00 PM | 38 | 42\% | 37 | 41\% |
| 8:00 PM | 26 | 29\% | 22 | 24\% |

[^1]| Land Use | Barton Center |  | Retail | Fast Food |  | Comparison w/ Parking Supply 95 Spaces |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Size } \\ \text { Pkg Rate } \end{gathered}$ | 16.025 KSF | Occupied ${ }^{4}$ | $\begin{array}{r} \hline 0.875 \text { KSF } \\ 4 / \mathrm{KSF} \end{array}$ | $\begin{gathered} 1.856 \text { KSF } \\ 10 / \mathrm{KSF} \end{gathered}$ |  |  |
| $\begin{gathered} \hline \text { Gross } \\ \text { Spaces } \end{gathered}$ | Observed <br> Hourly <br> Parking <br> Demand | $\begin{gathered} 25 \% \\ \text { Contingency } \\ \text { Factor }^{5} \\ \hline \end{gathered}$ | 4 Spc. | 19 Spc . |  |  |
| Time of Day |  |  | Number of Spaces | Number of Spaces |  | Surplus (Deficiency) |
| 8:00 AM | 0 | 0 | 0 | 4 | 4 | 91 |
| 9:00 AM | 31 | 8 | 1 | 6 | 46 | 49 |
| 10:00 AM | 36 | 9 | 2 | 11 | 58 | 37 |
| 11:00 AM | 39 | 10 | 2 | 17 | 68 | 27 |
| 12:00 PM | 40 | 10 | 3 | 19 | 72 | 23 |
| 1:00 PM | 37 | 9 | 3 | 19 | 68 | 27 |
| 2:00 PM | 42 | 11 | 3 | 16 | 72 | 23 |
| 3:00 PM | 42 | 11 | 2 | 12 | 67 | 28 |
| 4:00 PM | 44 | 11 | 2 | 11 | 68 | 27 |
| 5:00 PM | 35 | 9 | 3 | 12 | 59 | 36 |
| 6:00 PM | 32 | 8 | 3 | 16 | 59 | 36 |
| 7:00 PM | 38 | 10 | 3 | 15 | 66 | 29 |
| 8:00 PM | 26 | 7 | 2 | 10 | 45 | 50 |

[^2]TABLE4
SURVEY BASED WEEKDAY (THURSDAY) SHARED PARKING DEMAND ANALYSIS ${ }^{3}$ Jack in the Box at Barton Center, Riverside

| Land Use | Barton Center |  | Retail | Fast Food | $\begin{aligned} & \text { Survey } \\ & \text { and } \\ & \text { Shared } \\ & \text { Parking } \\ & \text { Demand } \end{aligned}$ | Comparison w/ <br> Parking Supply <br> 95 Spaces |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Size Pkg Rate | 16.025 KSF | Occupied ${ }^{7}$ | $\begin{gathered} 0.875 \mathrm{KSF} \\ 4.00 / \mathrm{KSF} \end{gathered}$ | $\begin{array}{r} \hline 1.856 \mathrm{KSF} \\ 10 \text { /KSF } \\ \hline \end{array}$ |  |  |
| Gross <br> Spaces | Observed <br> Hourly <br> Parking <br> Demand | $25 \%$ContingencyFactor $^{8}$ | 4 Spc . | 19 Spc. |  |  |
| Time of Day |  |  | Number of Spaces | Number of Spaces |  | $\begin{gathered} \text { Surplus } \\ \text { (Deficiency) } \end{gathered}$ |
| 8:00 AM | 0 | 0 | 0 | 4 | 4 | 91 |
| 9:00 AM | 19 | 5 | 1 | 5 | 30 | 65 |
| 10:00 AM | 25 | 6 | 2 | 10 | 43 | 52 |
| 11:00 AM | 26 | 7 | 2 | 15 | 50 | 45 |
| 12:00 PM | 29 | 7 | 3 | 17 | 56 | 39 |
| 1:00 PM | 37 | 9 | 4 | 17 | 67 | 28 |
| 2:00 PM | 36 | 9 | 4 | 15 | 64 | 31 |
| 3:00 PM | 36 | 9 | 4 | 11 | 60 | 35 |
| 4:00 PM | 34 | 9 | 4 | 9 | 56 | 39 |
| 5:00 PM | 39 | 10 | 3 | 11 | 63 | 32 |
| 6:00 PM | 33 | 8 | 2 | 15 | 58 | 37 |
| 7:00 PM | 37 | 9 | 2 | 14 | 62 | 33 |
| 8:00 PM | 22 | 6 | 2 | 9 | 39 | 56 |

[^3]SURVEY BASED WEEKEND (SATURDAY) SHARED PARKING DEMAND ANALYSIS ${ }^{6}$ Jack in the Box at Barton Center, Riverside

P17-0360, P17-0361 \& P17-0750, Exhibit 8 - Parking Demand Analysis

## Appendix A

Uப Shared Parking Analysis Worksheets

## Appendix Table A-1

SHOPPING CENIER (TYPICAL DAYS) WEEKDAY SHARED PARKING DEMAND ANALYSIS[1] Jack in the Box at Barton Center, Riverside

| Land Use | Shopping Center (Typical Days) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Size | 0.875 KSF |  |  |  | Shared <br> Parking <br> Demand |
|  | 4 Spaces |  |  |  |  |
| Spaces | 3 Guest Spc. |  | 1 Emp. Spc. |  |  |
| Time of Day | $\begin{gathered} \hline \text { \% Of } \\ \text { Peak [3] } \end{gathered}$ | \# Of <br> Spaces | $\begin{gathered} \text { \% Of } \\ \text { Peak [3] } \end{gathered}$ | $\begin{gathered} \hline \text { \# Of } \\ \text { Spaces } \end{gathered}$ |  |
| 6:00 AM | 1\% | 0 | 9\% | 0 | 0 |
| 7:00 AM | 5\% | 0 | 14\% | 0 | 0 |
| 8:00 AM | 14\% | 0 | 36\% | 0 | 0 |
| 9:00 AM | 32\% | 1 | 68\% | 0 | 1 |
| 10:00 AM | 59\% | 2 | 77\% | 0 | 2 |
| 11:00 AM | 77\% | 2 | 86\% | 0 | 2 |
| 12:00 PM | 86\% | 3 | 90\% | 0 | 3 |
| 1:00 PM | 90\% | 3 | 90\% | 0 | 3 |
| 2:00 PM | 86\% | 3 | 90\% | 0 | 3 |
| 3:00 PM | 81\% | 2 | 90\% | 0 | 2 |
| 4:00 PM | 81\% | 2 | 90\% | 0 | 2 |
| 5:00 PM | 86\% | 3 | 86\% | 0 | 3 |
| 6:00 PM | 86\% | 3 | 86\% | 0 | 3 |
| 7:00 PM | 86\% | 3 | 86\% | 0 | 3 |
| 8:00 PM | 72\% | 2 | 81\% | 0 | 2 |
| 9:00 PM | 45\% | 1 | 68\% | 0 | 1 |
| 10:00 PM | 27\% | 1 | 36\% | 0 | 1 |
| 11:00 PM | 9\% | 0 | 14\% | 0 | 0 |
| 12:00 AM | 0\% | 0 | 0\% | 0 | 0 |

## Notes:

[1] Source: ULI - Urban Land Institute "Shared Parking," Second Edition, 2005.
[2] Parking rates for all land uses based on ULI procedure normalized to express percentage in terms of absolute peak demand ratios. Breakdown of guest vs. employee [3] Percentage of peak parking demand factors reflect relationships between weekday parking demand ratios and peak parking demand ratios, as summarized in Table 2-2 of the 'Shared Parking" manual.

## Appendix Table A-2

FAST-FOOD RESTAURANT WEEKDAY SHARED PARKING DEMAND ANALYSIS [1] Jack in the Box at Barton Center, Riverside

| Land Use | Fast-Food Restaurant |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Size | 1.856 KSF |  |  |  | Shared <br> Parking <br> Demand |
| Gross | 19 Spaces |  |  |  |  |
| Spaces | 16 Guest Spc. |  | 3 Emp. Spc. |  |  |
| Time of Day | \% Of <br> Peak [3] | \# Of <br> Spaces | \% Of <br> Peak [3] | \# Of Spaces |  |
| 6:00 AM | 5\% | 1 | 15\% | 0 | 1 |
| 7:00 AM | 10\% | 2 | 20\% | 1 | 3 |
| 8:00 AM | 20\% | 3 | 30\% | 1 | 4 |
| 9:00 AM | 30\% | 5 | 40\% | 1 | 6 |
| 10:00 AM | 55\% | 9 | 75\% | 2 | 11 |
| 11:00 AM | 85\% | 14 | 100\% | 3 | 17 |
| 12:00 PM | 100\% | 16 | 100\% | 3 | 19 |
| 1:00 PM | 100\% | 16 | 100\% | 3 | 19 |
| 2:00 PM | 90\% | 14 | 95\% | 2 | 16 |
| 3:00 PM | 60\% | 10 | 70\% | 2 | 12 |
| 4:00 PM | 55\% | 9 | 60\% | 2 | 11 |
| 5:00 PM | 60\% | 10 | 70\% | 2 | 12 |
| 6:00 PM | 85\% | 14 | 90\% | 2 | 16 |
| 7:00 PM | 80\% | 13 | 90\% | 2 | 15 |
| 8:00 PM | 50\% | 8 | 60\% | 2 | 10 |
| 9:00 PM | 30\% | 5 | 40\% | 1 | 6 |
| 10:00 PM | 20\% | 3 | 30\% | 1 | 4 |
| 11:00 PM | 10\% | 2 | 20\% | 1 | 3 |
| 12:00 AM | 5\% | 1 | 20\% | 1 | 2 |

## Notes:

[1] Source: ULI - Urban Land Institute "Shared Parking," Second Edition, 2005.
[2] Parking rates for all land uses based on ULI procedure normalized to express percentage in terms of absolute peak demand ratios. Breakdown of guest vs. employee
[3] Percentage of peak parking demand factors reflect relationships between weekday parking demand ratios and peak parking demand ratios, as summarized in Table 2-2 of the "Shared Parking" manual.

## Appendix Table A-3

SHOPPING CENIER (TYPICAL DAYS) WEEKENDSHARED PARKING DEMAND ANALYSIS[1] Jack in the Box at Barton Center, Riverside

| Land Use | Shopping Center (Typical Days) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Size | 0.875 KSF |  |  |  | Shared <br> Parking <br> Demand |
|  | 4 Spaces |  |  |  |  |
| Spaces | 3 Guest Spc. |  | 1 Emp. Spc. |  |  |
| Time of Day | $\begin{gathered} \hline \text { \% Of } \\ \text { Peak [3] } \end{gathered}$ | \# Of <br> Spaces | $\begin{gathered} \text { \% Of } \\ \text { Peak [3] } \end{gathered}$ | $\begin{gathered} \hline \text { \# Of } \\ \text { Spaces } \end{gathered}$ |  |
| 6:00 AM | 1\% | 0 | 10\% | 0 | 0 |
| 7:00 AM | 5\% | 0 | 15\% | 0 | 0 |
| 8:00 AM | 10\% | 0 | 40\% | 0 | 0 |
| 9:00 AM | 30\% | 1 | 75\% | 0 | 1 |
| 10:00 AM | 50\% | 2 | 85\% | 0 | 2 |
| 11:00 AM | 65\% | 2 | 95\% | 0 | 2 |
| 12:00 PM | 80\% | 2 | 100\% | 1 | 3 |
| 1:00 PM | 90\% | 3 | 100\% | 1 | 4 |
| 2:00 PM | 100\% | 3 | 100\% | 1 | 4 |
| 3:00 PM | 100\% | 3 | 100\% | 1 | 4 |
| 4:00 PM | 95\% | 3 | 100\% | 1 | 4 |
| 5:00 PM | 90\% | 3 | 95\% | 0 | 3 |
| 6:00 PM | 80\% | 2 | 85\% | 0 | 2 |
| 7:00 PM | 75\% | 2 | 80\% | 0 | 2 |
| 8:00 PM | 65\% | 2 | 75\% | 0 | 2 |
| 9:00 PM | 50\% | 2 | 65\% | 0 | 2 |
| 10:00 PM | 35\% | 1 | 45\% | 0 | 1 |
| 11:00 PM | 15\% | 0 | 15\% | 0 | 0 |
| 12:00 AM | 0\% | 0 | 0\% | 0 | 0 |

## Notes:

[1] Source: ULI - Urban Land Institute "Shared Parking," Second Edition, 2005.
[2] Parking rates for all land uses based on ULI procedure normalized to express percentage in terms of absolute peak demand ratios. Breakdown of guest vs. employee [3] Percentage of peak parking demand factors reflect relationships between weekend parking demand ratios and peak parking demand ratios, as summarized in Table 2-2 of the 'Shared Parking" manual.

## Appendix Table A-4

FAST-FOOD RESTAURANT WEEKEND SHARED PARKING DEMAND ANALYSIS [1] Jack in the Box at Barton Center, Riverside

| Land Use | Fast-Food Restaurant |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Size | 1.856 KSF |  |  |  | Shared <br> Parking <br> Demand |
| Gross | 19 Spaces |  |  |  |  |
| Spaces | 16 Guest Spc. |  | 3 Emp. Spc. |  |  |
| Time of Day | \% Of <br> Peak [3] | \# Of <br> Spaces | \% Of <br> Peak [3] | \# Of Spaces |  |
| 6:00 AM | 5\% | 1 | 14\% | 0 | 1 |
| 7:00 AM | 9\% | 1 | 19\% | 0 | 1 |
| 8:00 AM | 19\% | 3 | 28\% | 1 | 4 |
| 9:00 AM | 28\% | 4 | 37\% | 1 | 5 |
| 10:00 AM | 51\% | 8 | 70\% | 2 | 10 |
| 11:00 AM | 79\% | 13 | 93\% | 2 | 15 |
| 12:00 PM | 93\% | 15 | 93\% | 2 | 17 |
| 1:00 PM | 93\% | 15 | 93\% | 2 | 17 |
| 2:00 PM | 84\% | 13 | 89\% | 2 | 15 |
| 3:00 PM | 56\% | 9 | 65\% | 2 | 11 |
| 4:00 PM | 51\% | 8 | 56\% | 1 | 9 |
| 5:00 PM | 56\% | 9 | 65\% | 2 | 11 |
| 6:00 PM | 79\% | 13 | 84\% | 2 | 15 |
| 7:00 PM | 75\% | 12 | 84\% | 2 | 14 |
| 8:00 PM | 47\% | 8 | 56\% | 1 | 9 |
| 9:00 PM | 28\% | 4 | 37\% | 1 | 5 |
| 10:00 PM | 19\% | 3 | 28\% | 1 | 4 |
| 11:00 PM | 9\% | 1 | 19\% | 0 | 1 |
| 12:00 AM | 5\% | 1 | 19\% | 0 | 1 |

## Notes:

[1] Source: ULI - Urban Land Institute "Shared Parking," Second Edition, 2005.
[2] Parking rates for all land uses based on ULI procedure normalized to express percentage in terms of absolute peak demand ratios. Breakdown of guest vs. employee [3] Percentage of peak parking demand factors reflect relationships between weekend parking demand ratios and peak parking demand ratios, as summarized in Table 2-2 of the "Shared Parking" manual.

# Community Develo pment Department Planning Division 

## VARIANCE JUSTIFICATIO N FO RM

## PLEASE TYPE O R PRINT CLEARLY

Project Description: 1,876 sq.ft. Jack in the Box w/ drive thru

Project Location: _1001 East Alessandro BLVD, Riverside, CA
Assessor's Parcel Number (APN ): 297-021-020
VARIANCES REQ UESTED - State variance(s) requested specifically and in detail. Please attach separate sheets(s) as necessary.
We would request a parking variance from the required overall parking requirements of
114 spaces to 95 for the entire shopping center.
REQ UIRED FIndings - Answer each of the following questions yes or no and then explain your answer in detail. Q uestions 1 and 2 must be answered "yes" and 3 and 4 "no" to justify granting of a variance. Attach written details if insufficient space is provided on this form. Economic hardship is not an allowable justification for a variance.

1. Will the strict application of the provisions of the Zoning Code result in practical difficulties or unnecessary hardships inconsistent with the general purpose and intent of the Zoning Code? Explain in detail.

See attached letter of justification.
2. Are there special circumstances or conditions applicable to your property or to the intended use or development of your property that do not apply generally to other property in the vicinity and under the identical zoning classification? Explain in detail.

See attached letter of justification.
3. Will the granting of such variance prove materially detrimental to the public welfare or injurious to the property or improvements in the zone or neighborhood in which your property is located? Explain in detail.

See attached letter of justification.
4. Will the granting of such variance be contrary to the objectives of any part of the G eneral Plan? Explain in detail.

See attached letter of justification.

September 26, 2017
City of Riverside Califomia 3900 Main Street, $4^{\text {th }}$ Floor Riverside, CA 92522

Attn: Bria n Norton
Project: Jack-in-the Box Restaurant 1001 Alessandro Blvd. Riverside, CA 92508

## VARIANCEJUSTIRCATION FORM

1. Will the strict application of the provisions of the Zoning Code result in practic al diffic ulties or unnecessary ha rdships inc onsistent with the general purpose and intent of the Zoning Code? Explain in detail.

Response:
Yes, I believe the strict application of the zoning code would result in practical diffic ulties for our project. By adhering to the provisions of the unified development code, asour project is part of a larger shopping center, we would only be required to provide approximately 19 parking spacesto meet the requirements. Ascurrently designed we are proposing approximately 22 new parking spaces, with a total of approximately 31.5 located on/in out lot. We are essentia lly making up for the shortage for the overall shopping center. We feel that we meet the intent of the code for providing the required number of spaces for our project, but are now responsible to make up for the overall shortage.
2. Are there special circumstances or conditions applic able to your property or to the intended use or development of your property that do not apply generally to other property in the vicinity and under the identic al zoning classification? Expla in in detail.

Response:
Yes, the unified development code only addresses parking for restaurants. Our project consists of a small quick serve resta urant with drive thru. The dining area is a pproximately half of the overall square footage of the building. It is a ntic ipated and backed by years of historic al data that indic ate a pproximately $60 \%$ to $70 \%$ of customers to this type of business use the drive-the, and do not park in the lot. So, to include this project in with other types of resta urants, such as sit down fa mily style is not a fair comparison of required parking stalls. Most jurisdictions have a separate requirement for drive thru resta urants to address the different service provided.
3. Will the granting of such variance prove materially detrimental to the public welfare or injurious to the property or improvements in the zone or neighborhood in which your property is located? Explain in detail.

Response:
We do not believe granting this variance will adversely affect the public welfa re as the parking a nalysis study indicates that the sha red parking concept approach indic ates there is suffic ient parking for the overall center. Please see attached report to provide additional summary.
4. Will the granting of such variance be contrary to the objectives of a ny part of the General Plan? Expla in in detail.

Response:
No, I do not feel it would be contrary to the City of Riverside General Plan 2025. Again, the parking study a nalysis provided by LLG Engineers indic ates that with the mixed uses of the adjacent shopping, and looking at the shared parking concept, whereas not all businesses a re in complete demand at the same time. You'll see this scenario in most every shopping center type development across the country.

# AIRF , RT LAND USE COMMIS . JN RIVERSIDE COUNTY 

August 10, 2017
Mr. Brian Norton, Project Planner
City of Riverside Planning Division
3900 Main Street, $3^{\text {rd }}$ Floor
Riverside CA 92522

RE: AIRPORT LAND USE COMMISSION (ALUC) DEVELOPMENT REVIEW File No.: ZAP1275MA17
Related File Nos.: P17-0360 (Conditional Use Permit), P17-0361 (Design Review) APN: 297-021-021

Dear Mr. Norton:
On August 10, 2017, the Riverside County Airport Land Use Commission (ALUC) found City of Riverside Case Nos. P17-0360 (Conditional Use Permit) and P17-0361 (Design Review), a proposal to construct a 1,857 square foot Jack in the Box drive-thru restaurant on a 0.45 acre parcel within an existing commercial retail center located at 1001 E . Alessandro Boulevard on the southeast corner of Alessandro Boulevard and Barton Street CONSISTENT with the 2014 March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan, subject to the following conditions:

## CONDITIONS:

1. Any outdoor lighting installed shall be hooded or shielded so as to prevent either the spillage of lumens or reflection into the sky. Outdoor lighting shall be downward facing.
2. The following uses/activities are not included in the proposed project and shall be prohibited at this site.
(a) Any use which would direct a steady light or flashing light of red, white, green, or amber colors associated with airport operations toward an aircraft engaged in an initial straight climb following takeoff or toward an aircraft engaged in a straight final approach toward a landing at an airport, other than an FAA-approved navigational signal light or visual approach slope indicator.
(b) Any use which would cause sunlight to be reflected towards an aircraft engaged in an initial straight climb following takeoff or towards an aircraft engaged in a straight final approach towards a landing at an airport.
(c) Any use which would generate smoke or water vapor or which would attract large concentrations of birds, or which may otherwise affect safe air navigation within the area. (Such uses include landscaping utilizing water features, aquaculture, production of cereal grains, sunflower, and row crops, composting operations, trash transfer stations that are open on one or more sides, recycling centers containing putrescible wastes, construction and demolition debris facilities, fly ash disposal, and incinerators.)
(d) Any use which would generate electrical interference that may be detrimental to the operation of aircraft and/or aircraft instrumentation.
(e) Hazards to flight. Children's schools are discouraged in Compatibility Zone C2.
3. The attached notice shall be given to all prospective purchasers of the property and tenants of the building, and shall be recorded as a deed notice.
4. The proposed detention basins on the site (including water quality management basins) shall be designed so as to provide for a maximum 48-hour detention period following the conclusion of the storm event for the design storm (may be less, but not more), and to remain totally dry between rainfalls. Vegetation in and around the detention basins that would provide food or cover for bird species that would be incompatible with airport operations shall not be utilized in project landscaping.
5. March Air Reserve Base must be notified of any land use having an electromagnetic radiation component to assess whether a potential conflict with Air Base radio communications could result. Sources of electromagnetic radiation include radio wave transmission in conjunction with remote equipment inclusive of irrigation controllers, access gates, etc.
6. This project has been evaluated for a total of 1,857 square feet of building area. Any increase in building area or change in use will require an amended review by the Airport Land Use Commission or subsequent compatibility evaluation by the City in the event of a General Plan consistency determination.
7. Any roof-top equipment or change in height that exceeds a total height of 54 feet will require Form 7460-1 submittal, review, and issuance of a "Determination of No Hazard to Air Navigation" by the Federal Aviation Administration Obstruction Evaluation Service.
8. The project does not proposed rooftop solar panels at this time. However, if the project were to propose solar rooftop panels in the future, the applicant/developer shall prepare a solar glare study that analyzes glare impacts, and this study shall be reviewed by the Airport Land Use Commission and March Air Reserve Base.

If you have any questions, please contact Paul Rull, ALUC Urban Regional Planner IV, at (951) 955-6893 or John Guerin, ALUC Principal Planner, at (951) 955-0982.

Sincerely,
RIVERSIDE COUNTYAIRPORT LAND USE COMMISSION

SimonA. Housman, ALUC Director
Attachments: Notice of Airport in Vicinity

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cc: Barton Center, LLC (applicant/landowner) DMSD Property, LLC [Murrieta address] (applicant/fee-payer) NW Commercial Advisors, Chad Hamilton (representative) Gary Gosliga, Airport Manager, March Inland Port Airport Authority Daniel Rockholt or Denise Hauser, March Air Reserve Base
Keith Hentzschel (neighboring property owner)
Dianne Mills (neighboring property owner)
Robert Schmidt (neighboring property owner)
ALUC Case File
```

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##  <br> P17-0360, P17-0361 \& P17-0750, Exhibit 10 - RCALUC Report \& Conditions - ZAP1275MA17





ZAP1275MA17






P17-0360, P17-0361 \& P17-0750, Exhibit 10 - RCALUC Report \& Conditions -
ZAP1275MA17


P17-0360, P17-0361 \& P17-0750, Exhibit 10 - RCALUC Report \& Conditions -
ZAP1275MA17


P17-0360, P17-0361 \& P17-0750, Exhibit 10 - RCALUC Report \& Conditions -
ZAP1275MA17

P17-0360, P17-0361 \& P17-0750, Exhibit 10 - RCALUC Report \& Conditions
ZAP1275MA17

P17-0360, P17-0361 \& P17-0750, Exhibit 11 - Existing Site Photos


[^0]:    1 City of Riverside Municipal Code Chapter 19.580, Parking \& Loading; Section 19.580.060, Parking Requirements - Table 19.580.060.

[^1]:    2 Source: Transportation Studies Inc.

[^2]:    Notes:
    ${ }^{3}$ Source: ULI - Urban Land Institute "Shared Parking," Second Edition, 2005.
    ${ }^{4}$ During the on-site parking surveys, there was 875 SF of vacancy.
    During the on-site parking surveys, there was 875 SF of vacancy.
    5 A $25 \%$ contingency factor was applied to the parking surveys to account for daily parking demand variations.

[^3]:    Notes:
    ${ }^{6}$ Source: ULI - Urban Land Institute "Shared Parking," Second Edition, 2005.
    ${ }^{7}$ During the on-site parking surveys, there was 875 SF of vacancy.
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    ${ }^{7}$ During the on-site parking surveys, there was 875 SF of vacancy.
    ${ }^{8}$ A $25 \%$ contingency factor was applied to the parking surveys to ac

