

Staff Report Special Exception BOA-23667

Hearing Date: April 23, 2024 **Prepared by:** Dylan Siers

dsiers@cityoftulsa.org 918-596-7584

Owner and Applicant Information

Applicant: Justin DeBruin, Wallace Design Collective

Property Owner: Halona Development LLC

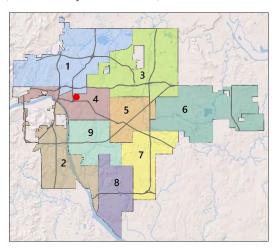
Property Location

SW/c of East 5th Place and South Quaker

Tract Size: ±3.11 acres

Location within the City of Tulsa

(shown with City Council districts)



Elected Representatives

City Council: District 4, Laura Bellis

County Commission: District 2, Karen Keith

Public Notice Required

Newspaper Notice – min. 10 days in advance Mailed Notice to 300' radius – min. 10 days in advance

Case History:

04/09/2024: First appearance on the agenda, item continued to provide time to meet with interested party.

Request Summary

<u>Variance</u> to allow parking serving a residential use to located on another lot (Sec. 55.080.D); Special Exception to reduce the required parking ratio for Apartment/ Condo uses in the CH District (Sec. 55.050-K);

<u>Zoning</u>

Zoning District: CH
Zoning Overlays: NIO

Comprehensive Plan Considerations

Land Use

Land Use Plan: Multiple Use, Neighborhood, Employment

<u>Small Area Plans</u>: Pearl District <u>Development Era</u>: Streetcar

Transportation

Major Street & Highway Plan: Commercial/CBD Collector

planitulsa Street Type: Main Street

Transit: TOD Area

Existing Bike/Ped Facilities: Bike Lane

Planned Bike/Ped Facilities: N/A

Environment

Flood Area: N/A

<u>Tree Canopy Coverage</u>: 0-10% <u>Parks & Open Space</u>: N/A

Staff Analysis

The applicant is proposing <u>Variance</u> to allow parking serving a residential use to located on another lot (Sec. 55.080.D, Special Exception to reduce the required parking ratio for Apartment/ Condo uses in the CH District (Sec. 55.050-K);

Applicant is seeking to have a portion of their required parking in the right of way along E. 5th Pl. and to locate their parking lot on a separate parcel across Quaker Ave. from the apartment building.

55.080-D Off-site Parking

When Allowed

All or a portion of required off-street parking for nonresidential uses may be provided off-site, in accordance with the regulations of this section. Required accessible parking spaces (see <u>Section 55.110</u>) and required parking for residential uses may not be located off site.

The applicant is also seeking to reduce their parking requirement to allow 0.78 spaces per dwelling unit for a total of 164 spaces.

55.050-K Alternative Compliance

The motor vehicle parking ratios of this chapter are not intended to prevent development and redevelopment or to make development and redevelopment economically impractical. In order to allow for flexibility in addressing the actual expected parking demand of specific uses, alternative compliance parking ratios may be approved through the special exception procedures of <u>Section 70.120</u> only if:

- 1. The board of adjustment determines that the other allowed parking reduction alternatives of <u>Section 55.050</u> are infeasible or do not apply; and
- The board of adjustment determines that the reduced parking ratios
 proposed are not likely to cause material adverse impacts on traffic
 circulation and safety or on the general welfare of property owners and
 residents in the surrounding area.

Statement of Hardship: Please see attached.

Relevant Case History

Z-7755, 1/3/2024, Rezone from IM to CH

Comprehensive Plan Considerations

Land Use Plan

The subject property is designated as Multiple Use, Neighborhood, and Employment. The **Employment** designation is intended to accommodate offices, warehousing and storage, manufacturing and assembly, and industrial processes. The "Industrial Site Suitability" map corresponds to the Employment land use designation and indicates where uses that are potentially incompatible with sensitive land uses are best suited to locate. This directs industrial uses to particular areas of the city while discouraging industrial in close proximity to Neighborhood areas. **Multiple Use** areas are "Mostly Commercial or Retail Uses" which include restaurants, shops, services, and smaller format employment

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uses. This land use designation is most common in areas of the city from earlier development patterns, with Local Centers being more commonplace in newer parts of the city. For single properties that are commercial but surrounded by Neighborhood, Multiple Use is the preferred designation. **Neighborhoods** are "Mostly Residential Uses" which includes detached, missing middle, and multi-dwelling unit housing types. Churches, schools, and other low-intensity uses that support residents' daily needs are often acceptable, particularly for properties abutting Multiple Use, Local Center, or Regional Center land use areas. Multi-dwelling unit housing that takes access off of an arterial is considered Multiple Use, Local Center, or Regional Center. If a multi-dwelling unit housing property takes access off of a lower-order street separated from the arterial, then it would be considered Neighborhood.

Surrounding Properties:

<u>Location</u>	Existing Zoning/Overlay	Existing Land Use Designation	<u>Existing Use</u>
North	IM/NIO	Multiple Use	Commercial
East	CH/NIO	Employment/Neighborhood	Commercial
South	MPD-FBC1	Multiple Use	Commercial
West	CH/NIO	Multiple Use	Commercial

Small Area Plans

The subject properties are within the Pearl District small area plan. In general, the plan is supportive of paring modification in order to support infill development. Additionally the plan would encourage shared parking arrangement among users of mixed use spaces.

Development Era

The subject property is in an area developed during the Streetcar Era (1910s-30s), prior to the proliferation of automobiles, when streetcars facilitated growth beyond downtown. Land uses range from fully integrated to somewhat separated, on a half-mile grid, with a mix of housing options. Priorities in these areas include walkability, bikeability, access to public transit, historic preservation, housing type variety, mixed-use development, transit-oriented development, commercial districts, and well-designed streetscapes.

Transportation

Major Street & Highway Plan: Commercial/CBD Collector

Comprehensive Plan Street Designation: Main Street

Transit: TOD Area

Existing Bike/Ped Facilities: Bike Lane

Planned Bike/Ped Facilities: N/A

Arterial Traffic per Lane: N/A

Environmental Considerations

Flood Area: The subject property is not within a flood area.

<u>Tree Canopy Coverage</u>: Tree canopy in the area is 0-10% The area would benefit from additional trees, which also capture and treat runoff before it enters the river.

Parks & Open Space: N/A

Sample Motion

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Special Exception:

I move to <u>approve or deny</u> a Special Exception to reduce the required parking ratio for Apartment/ Condo uses in the CH District (Sec. 55.050-K);

- per the conceptual plan(s) shown on page(s) _____ of the agenda packet.

The Board finds that the requested Special Exception will be in harmony with the spirit and intent of the Code and will not be injurious to the neighborhood or otherwise detrimental to the public welfare, that the other allowed parking alternative of Section 55.050 are infeasible or do not apply and the reduced parking ratios proposed are not likely to cause material adverse impacts on traffic circulation and safety or on the general welfare of property owners and residents in the surrounding area.

Variance:

I move to <i>approve or deny</i> a <u>Varianc</u>	<u>e</u> to allow parking	g serving a resid	dential use to loca	ted on another lot	(Sec.
55.080.D, Sec.90.090-A);					
The board finds the hardship to be					

In granting the Variance, the Board finds that the following facts, favorable to the property owner, have been established:

- a. That the physical surroundings, shape, or topographical conditions of the subject property would result in unnecessary hardships or practical difficulties for the property owner, as distinguished from a mere inconvenience, if the strict letter of the regulations were carried out;
- b. That literal enforcement of the subject zoning code provision is not necessary to achieve the provision's intended purpose;
- c. That the conditions leading to the need of the requested variance are unique to the subject property and not applicable, generally, to other property within the same zoning classification;
- d. That the alleged practical difficulty or unnecessary hardship was not created or self-imposed by the current property owner;
- e. That the variance to be granted is the minimum variance that will afford relief;
- f. That the variance to be granted will not alter the essential character of the neighborhood in which the subject property is located, nor substantially or permanently impair use or development of adjacent property; and
- g. That the variance to be granted will not cause substantial detriment to the public good or impair the purposes, spirit, and intent of this zoning code or the comprehensive plan.

Property Description

A TRACT OF LAND LYING IN GOVERNMENT LOT TEN (10) OF THE SOUTHWEST QUARTER (GL10, SW/4) OF SECTION SIX (6), TOWNSHIP NINETEEN (19) NORTH, RANGE THIRTEEN (13) EAST OF THE INDIAN BASE AND MERIDIAN (I.B.&M.), CITY OF TULSA, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF, AND ALSO BEING A PART OF LOTS ONE (1), TWO (2), THREE (3), AND FOUR (4) OF BLOCK FOUR (4), SUNSET ADDITION, AND LOTS ONE (1), TWO (2), THREE (3), FOUR (4) AND SEVEN (7) OF BLOCK EIGHT (8), FACTORY ADDITION AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT FOUR (4), BLOCK EIGHT (8) FACTORY ADDITION (P.O.B) THENCE S88°56'53"W AND ALONG THE SOUTH LINE OF SAID LOT FOUR (4), BLOCK EIGHT (8), FACTORY ADDITION FOR A DISTANCE OF 146.00 FEET; THENCE S01°12'56"E FOR A DISTANCE OF 36.09 FEET; THENCE S88°56'53"W FOR A

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DISTANCE OF 130.00 FEET; THENCE N01°12'56"W FOR A DISTANCE OF 475.13 FEET TO THE NORTHWEST CORNER OF SAID LOT FOUR (4) BLOCK FOUR (4) SUNSET ADDITION; THENCE N89°13'22"E AND ALONG THE NORTH LINE OF SAID LOT FOUR (4), BLOCK FOUR (4) AND LOT ONE (1), BLOCK FOUR (4), SUNSET ADDITION, FOR A DISTANCE OF 276.00 FEET TO THE NORTHEAST CORNER OF SAID LOT ONE (1), BLOCK FOUR (4), SUNSET ADDITION; THENCE S01°12'56"E AND ALONG THE EAST LINES OF LOT ONE (1), AND TWO (2), BLOCK FOUR (4), SUNSET ADDITION, AND LOT ONE (1), BLOCK ONE (1) FACTORY ADDITION, AND THE EAST LINE OF CLOSED BIRCH STREET, AND THE EAST LINE OF LOTS ONE (1), TWO (2), THREE (3) AND FOUR (4) OF BLOCK EIGHT (8), FACTORY ADDITION, FOR A DISTANCE OF 437.71 FEET TO THE **POINT OF BEGINNING** (P.O.B.); SAID TRACT CONTAINING 2.89 ACRES MORE OR LESS.

A TRACT OF LAND LYING IN GOVERNMENT LOT TEN (10) OF THE SOUTHWEST QUARTER (GL10, SW/4) OF SECTION SIX (6), TOWNSHIP NINETEEN (19) NORTH, RANGE THIRTEEN (13) EAST OF THE INDIAN BASE AND MERIDIAN (I.B.&M.), CITY OF TULSA, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF, AND ALSO BEING A PART OF LOT SIX (6), BLOCK TWO (2), SUNSET ADDITION, AND A PART OF LOTS ELEVEN (11), TWELVE (12), THIRTEEN (13), FOURTEEN (14), FIFTEEN (15), AND SIXTEEN (16), BLOCK TWO (2) OF FACTORY ADDITION, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

BEGINNING (P.O.B.) AT THE SOUTHEAST CORNER OF SAID LOT THIRTEEN (13) BLOCK TWO (2) OF FACTORY ADDITION; THENCE S89°13′22″W AND ALONG THE SOUTH LINE OF LOTS THIRTEEN (13) FOURTEEN (14), FIFTEEN (15), AND SIXTEEN (16) BLOCK TWO (2), FACTORY ADDITION FOR A DISTANCE OF 180.00 FEET TO THE SOUTHWEST CORNER OF SAID LOT SIXTEEN (16), BLOCK TWO (2); THENCE N01°12′56″W AND ALONG THE WEST LINE OF LOT SIXTEEN (16), FACTORY ADDITION, AND LOT SIX (6), BLOCK TWO (2), SUNSET ADDITION, FOR A DISTANCE OF 178.30 FEET TO A POINT ON THE NORTHWEST CORNER OF SAID LOT SIX (6), BLOCK TWO (2); THENCE N89°13′22″E FOR A DISTANCE OF 180.00 FEET; THENCE S01°12′56″E AND ALONG THE EAST LINES OF LOTS ELEVEN (11), TWELVE (12) AND THIRTEEN (13), BLOCK TWO (2), FACTORY ADDITION FOR A DISTANCE OF 178.30 FEET TO THE SOUTHEAST CORNER OF LOT THIRTEEN (13), BLOCK TWO (2), FACTORY ADDITION AND THE **POINT OF BEGINNING** (P.O.B.); SAID TRACT CONTAINING 0.74 ACRES MORE OR LESS.

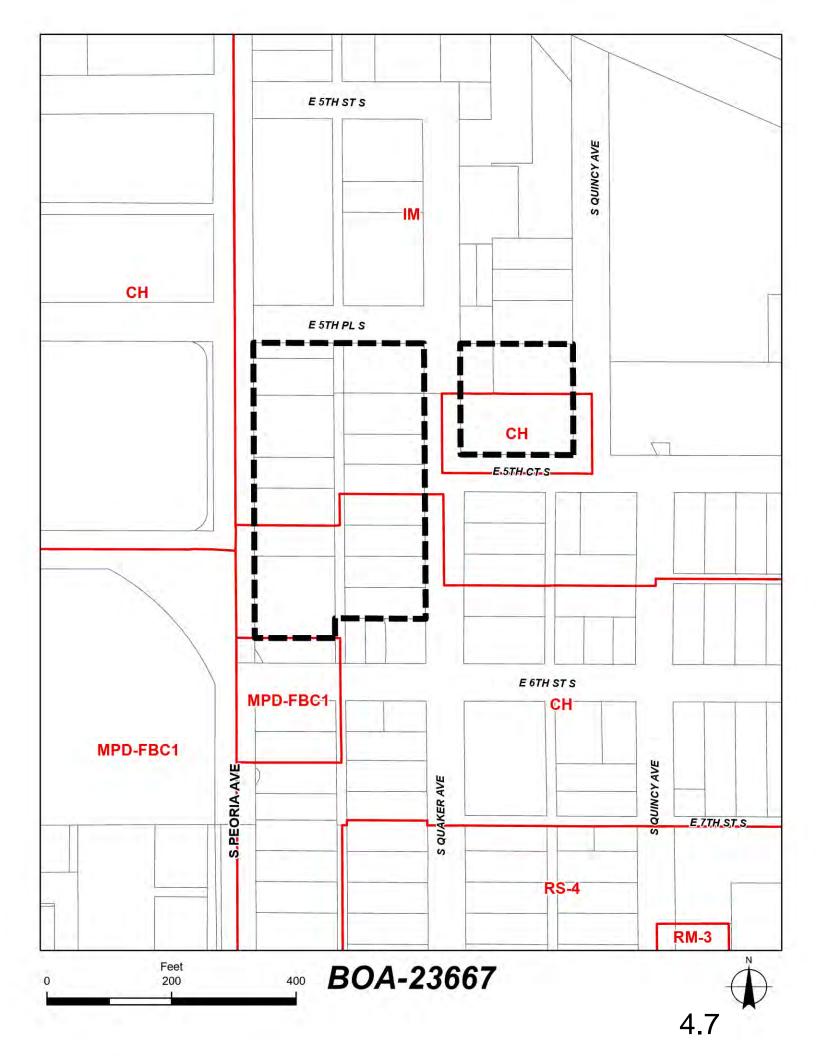


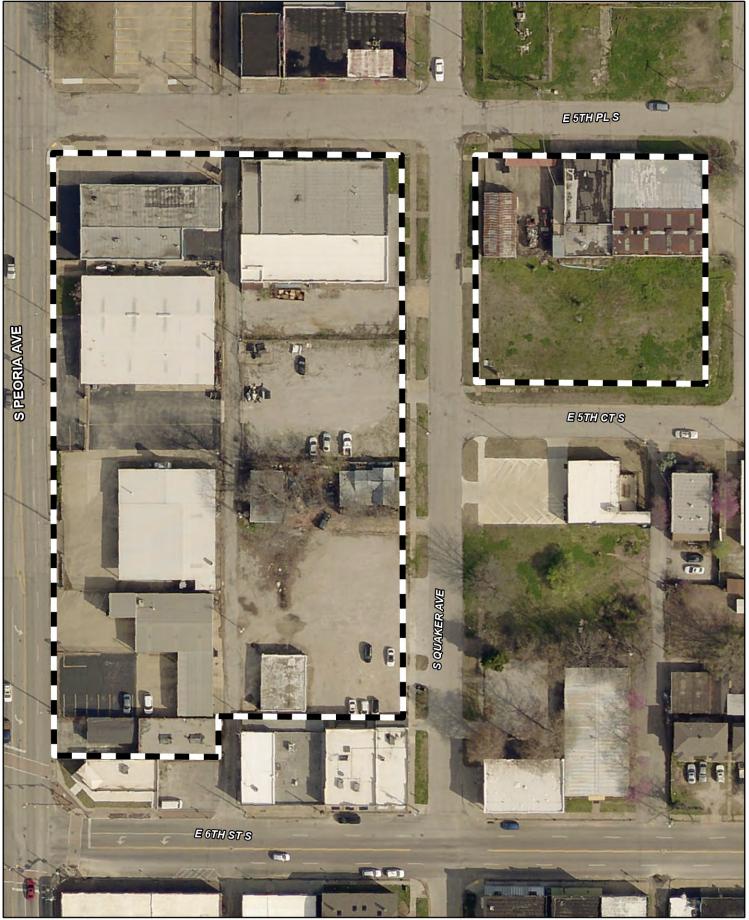
Subject property in BOA-23667 (Image used from Google Street view)

Exhibits

Case map

Aerial (small scale) Aerial (large scale) Tulsa Comprehensive Plan Land Use Map





Subject Tract Feet 100 200 **BOA-23667**

Note: Graphic overlays may not precisely align with physical features on the ground.

Aerial Photo Date: 2021





Subject Tract Feet

200

BOA-23667

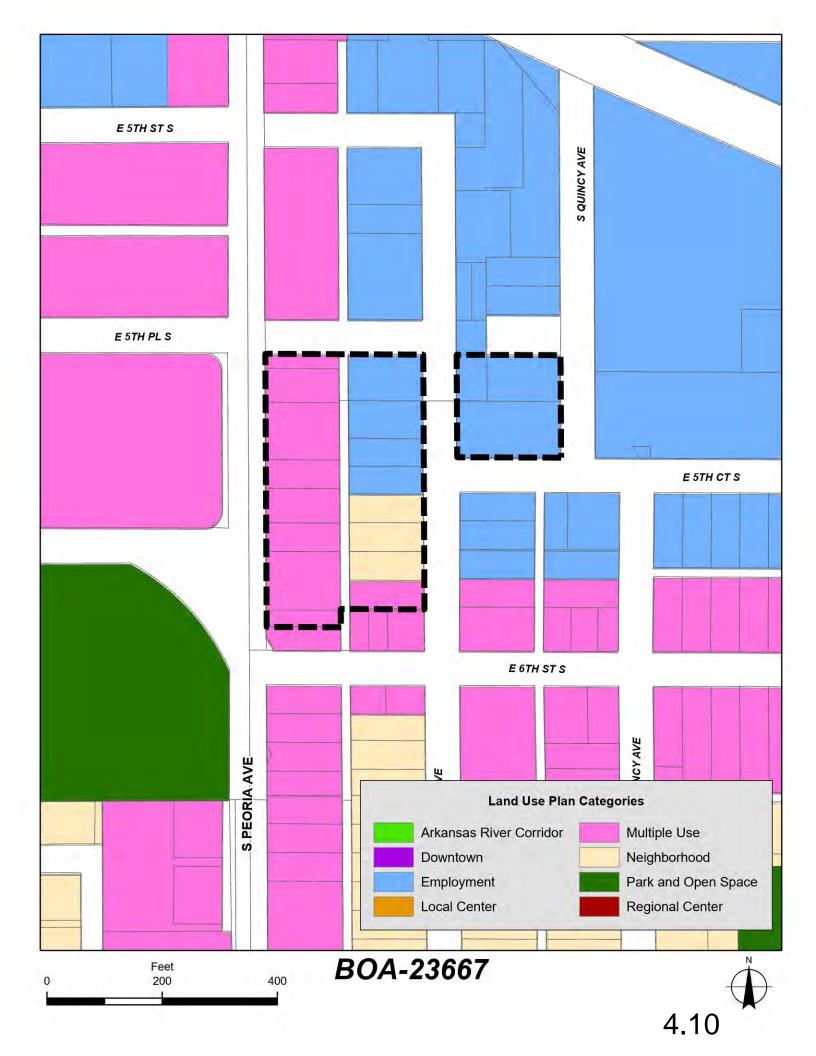
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Note: Graphic overlays may not precisely align with physical features on the ground.



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Aerial Photo Date: 2021





Variance Response 6th and Peoria (55.080.D)

1. That the physical surroundings, shape, or topographic conditions of the subject property would result in unnecessary hardships or practical difficulties for the property owner, as distinguished from a mere inconvenience, if the strict letter of the regulations were carried out.

This infill redevelopment is located on a small, urban block which provides no opportunity to add additional surrounding parcels to the property. This is limited by required alleys and existing roadways.

2. That the literal enforcement of the subject zoning code provision is not necessary to achieve the provision's intended purpose.

Though it is not possible to expand the lot proposing development, the parking anticipated directly to the east will satisfy requirement to be within one-thousand foot radius, per Section 55.080.D.1. All accessible parking with be located appropriately on the proposed, western development lot.

3. That the conditions leading to the need of the requested variance are unique to the subject property and not applicable, generally, to other property within the same zoning classification.

As recognized in the Neighborhood Infill Overlay district and Pearl District text, infill development with the desired uses (ex. multi-family) is difficult due to the existing infrastructure in place that may not be conducive. The development site cannot be expanded, so creative solutions are required.

4. That the alleged practical difficulty or unnecessary hardship was not created or self-imposed by the current property owner.

Being an infill development, the hardships on the site are pre-existing.

5. That the variance to be granted is the minimum variance that will afford relief.

The requested variance is necessary and expected to provide necessary parking for the multifamily development.

- 6. That the variance to be granted will not alter the essential character of the neighborhood in which the subject property is location, nor substantially or permanently impair use or development of adjacent property.
 - If the variance is granted, the proposed multi-family apartment is a desired use for the neighborhood and is an opportunity to improve the essential character.
- 7. That the variance to be granted will not cause substantial detriment to the public good or impair the purposes, spirit, and intent of this zoning code or the comprehensive plan.
 - The variance, if granted, would assist in developing a use that is benefit to the public good and in spirit with the intent of the zoning code, comprehensive plan, and other relevant studies for this area.



BOA Narrative 6th and Peoria

The attached application is associated with a five-story, multi-family development to be located northeast of 6th and Peoria. The project site in its current state includes minimal use and vacant land; however, the vision is to provide quality, high-density residential housing in proximity to commercial activity and public amenities in a location encouraging multi-modal transportation options. Multi-family housing is supported and encouraged by the associated Neighborhood Infill Overlay (NIO) and Pearl District Small Area Plan, while also being a permitted use in the CH zoning district. Due to the constrained nature of this urbanized site, requested is one variance and a special exception to the city's parking standards.

Variance Request - Chapter 55, Section 55.080.D - Location of off-street parking

The nature of developing infill on an existing, urbanized block brings insurmountable difficulties. Urban blocks are small and are bounded by streets that do not allow the option to combine with adjacent properties to allow for a larger development footprint. The limited developable space and existing business on the block create a need to provide off-site parking, which is proposed directly to the east and under common ownership. This additional space will allow for more residential parking that also within one-thousand food radius of the use served by the parking, required per Section 55.080.D.1 of the zoning code.

Special Exception – Chapter 55, Section 55.020 – Minimum parking ratios

The development will include 209 residential units containing both one- and two-bedroom units, 89% of which will be one-bedroom units. Per the parking requirements outlined in Section 55.020 of the Zoning Code, 247 parking spaces would be required. The proposed site plan can provide 164 spaces, leaving a deficit of 84 spaces from the required code. There are currently no public parking spaces on this block, so in addition to 164 spaces, 14 public on-street parking spaces are also proposed.

The concept for this project, including the reduced parking, is based on successful experiences from other communities in U.S. finding creative solutions to provide much needed housing in appropriate areas. Based on the content of related City of Tulsa plans and future goals, this type of development would be a great opportunity to find a creative solution.

Austin, TX is a great example of a community who eliminated parking minimum standards to fight climate change and spur the development of more affordable housing options. The list of cities that have acted similarly include, but are not limited to: Portland, Minneapolis, San Jose, TX, Raleigh, NC, and Auburn, ME. Understanding these are examples of city-wide policy change, we are requesting consideration of these principals to allow for the subject variance and special exception.

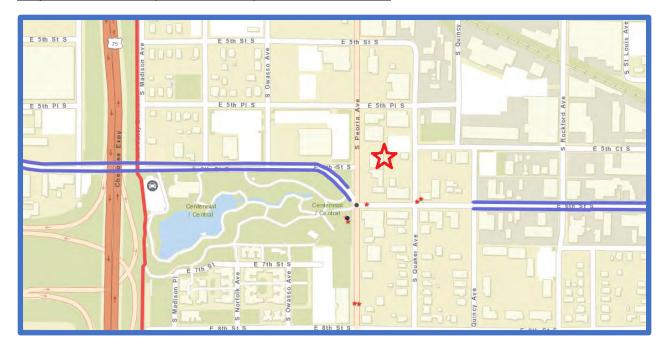
The higher density concept on a reduced footprint has proven to compliment multi-modal transportation, which this area is primed for. The site is directly accessible to designated bike lanes along East 6th Street.

South, along Veterans Parks, and continuing to the primary, Midland Valley Trail along Highway 75, creating excellent mobility (Graphic 4). This network of trails also provides direct access to downtown Tulsa. Further bike route connectivity is also proposed, per the City of Tulsa GO Plan, serving South Peoria and continuing the connection along East 6th Street South (Graphic 2). South Peoria also serves as a major public transit route, hosting the innovative AERO Peoria Bus Rapid Transit (BRT), as shown on Graphic 3. Lastly, this location is already part of comprehensive sidewalk grid, providing quality, safe pedestrian access and connectivity. Having quality sidewalks, bike routes, and access to public transit support a reduced need for parking.

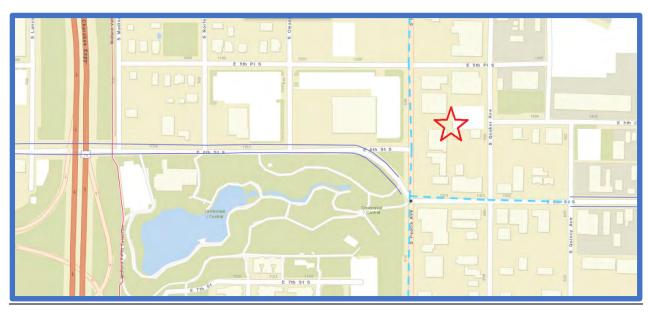
From the perspective of existing Tulsa code and relevant studies, the subject property is located in the NIO zoning district, which came about the 2020 Downtown & Surrounding Neighborhood Housing Study & Strategy that recognized site and zoning barriers to new housing development. It determined that there are zoning related burdens on housing development in and near downtown neighborhoods. This area is also located within the Pearl District Small Area Plan, which states that a primary goal is to support compatible infill and reinvestment and even explore modifying on-site parking requirements in certain cases. These area plans encourage the revitalization and redevelopment of vacant properties, along with higher density development in transit rich areas, which the proposal exemplifies.

In summary, reducing parking requirements for infill development can have multiple benefits for the city and its residents. First, it can encourage more housing diversity and affordability. Second, it can reduce the environmental impact of development by discouraging car dependency and promoting alternative modes of transportation, such as walking, biking, or public transit. Third, it can enhance the urban design and livability of neighborhoods by creating more active and attractive streetscapes, rather than large surface parking lots that disrupt the pedestrian environment. Therefore, reduced parking requirements for infill development can support Tulsa's goals of creating more sustainable, equitable, and vibrant communities. The use is encouraged by the city, which also recognizes the hardships of revitalizing and redeveloping urbanized infill land.

Graphic 1: Tulsa Metropolitan Area: Bicycle & Pedestrian Trails



Graphic 2: GO Plan: Proposed Bike Facilities



<u>Graphic 3</u>: Tulsa Transit System – AERO Peoria Route Bus Rapid Transit (BRT)

<u>Graphic 4:</u> Map of cities that reformed or eliminated parking minimum standards – Strong Towns, <u>Advocacy Group</u>



PARKING LOT LANDSCAPE REQUIREMENTS INTERIOR LANDSCAPING OF PARKING LOTS (65.050):

1. 1 LARGE TREE PER 10 PARKING STALLS

2. 35 SF OF LANDSCAPE AREA PER PARKING STALL

SOUTH PARKING = 73 STALLS / 10 = 73 STALLS * 35 = EAST PARKING = 79 STALLS / 10 = 79 STALLS * 35 =

REQUIRED: 7 TREES 2,555 SF LANDSCAPE 8 TREES

2,765 SF LANDSCAPE

STREET FRONTAGE BUFFER (86,00);

1. FRONTAGE BUFFER AREAS MUST BE 7 FT WIDTH MINIMUM.

2. BUFFER MUST ASD INCLUDE AM ST SCREEN PER 66,070.C.

A. SIRUBS SHOULD BE PLANTED IN CONTINUOUS LINE AT LEAST 3 FT IN HEIGHT.

8. A SCREENIN YAUL OF 25.57 FT HEIGHT MAY SE SUBSTITUTED FOR SHRUBS.

PROVIDED: 7 TREES 3,273 SF LANDSCAPE 8 TREES 2,816 SF LANDSCAPE

ARCHITECTS... 3515 W. 75TH ST., SUITE 201 PRAIRIE VILLAGE, KS 66208

PLANT LIST:

Botanical Name Size Notes Umus parvifolis 'Emer II' Ornamental Trees
CRW Crape Myrtle- Whi
CRR Crape Myrtle- Red
DGW Pink Dogwood

GENERAL NOTES:

1. EACH BIDDER SHALL VISIT THE SITE OF THE PROPOSED WORK AND EXAMINE THE SITE CONDITIONS. HE SHALL ALSO CAREFULLY EXAMINE THE DRAWNINGS FOR THE PROPOSED WORK AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS, WHICH MAY AFFECT THE PROPOSED WORK.

Z. THE PLANTING PLAN GRAPHICALLY ILLUSTRATES OVERALL PLANT MASSINGS, EACH PLANT SPECIES MASSING SHALL BE PLACED IN THE FIELD TO UTILIZE GREATEST COVERAGE OF GROUND PLANE. THE FOLLOWING PELIES FOOR INNIVIOLUL PLANTINGS.

B. ALL TREES SHALL BE A MINIMAN OF \$ TROM PAYING EDGE.
C. ALL PLANTING THE SAME SPECIES SHALL BE COULLY SPACED APART AND PLACED FOR BEST ABSTRATED VIEWING.
D. ALL SHRUSS SHALL BE A MINIMAN OF \$ TROM PAYING EDGE.

3. NOTIFY LANDSCAPE ARCHITECT 1 WEEK PRIOR TO ANTICIPATED START OF PLANT MATERIAL INSTALLATION, LANDSCAPE CONTRACTOR SHALL STACE ALL PROPOSED PLANTING BED EDGES, SET OUT SHRUBS BI INTENDED LOCATIONS, AND STAKE TREE LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

4. ALL NEW PLANT BED AREAS TO BE IRRIGATED. REFER TO SPECIFICATIONS FOR IRRIGATION SYSTEM DESCRIPTION.

5. REFER TO L1.00 SERIES SHEETS FOR TREE PLANTINGS.

6. REFER TO L2.00 SERIES SHEETS FOR SHRUB PLANTINGS & ROCK MATERIALS.

7. REFER TO L3.00 SERIES SHEETS FOR PLANTING DETAILS & SPECIFICATIONS.

9. IN THE EVENT OF WORK IN OR ON THE SANITARY MAIN. ANY TREES OR PLANTINGS PLACED WITHIN THE SEWER EASEMENT MAY BE REMOVED WITHOUT REPLACEMENT OR COMPENSATION THERE OF AND SHALL BE REPLACED BY THE PROPERTY OWNER AS REQUIRED BY THE CITY.

10. STRIP TOP SOIL & SAVE FOR PLANTING AREAS, EXCAVATE TO A DEPTH OF 6" FOR ALL PLANTING BEDS AND AMEND WITH PLANTING SOIL MIX. AREAS WITH MORE THAN 16" OF GRAVEL IN PLANT BEDS SHALL BE EXCAVATED TO 16" OR 6" BELOW ROOT BALLS/BOTTOM OF CONTAINER, REFER TO L3.00 FOR PLANTING SOIL MIX.

11. STEPPING STONES SHALL BE HICKORY GREY FLAGSTONE AS PROVIDED BY SEMCO MATERIALS OR APPROVED EQUAL. 24" SQ. MIN. SIZE, 2-3" THICK.

12. ROCK BEDS SHALL BE BUFFALO RIVER ROCK, 1°-2.5° SIZE, BY HOUSE OF ROCKS OR APPROVED EQUAL ALL ROCK BED AREAS SHALL HAVE FILTER FABRIC & BE 4° MIN. DEPTH.

13. ALL LANDSCAPE BEDS WITHIN POOL ENCLOSURE TO INCLUDE RIVER ROCK PER SPECS.

14. FINISHED GRADE TO BE TOP OF MULCH OR TURF FOR ALL LANDSCAPE AREAS. REFER TO CIVIL PLANS FOR GRADING INFORMATION.

15 ALL LAWN TO BE SOLID SOD BERMUDA

MINIMUM AREA REQUIRED TO MEET INTERIOR LANDSCAPING OF PARKING LOTS AREA REQUIREMENTS.

MINIMUM AREA REQUIRED TO MEET STREET FRONTAGE BUFFER REQUIREMENTS.

FOUNDATION PLANTINGS BEYOND MIN. REQ.

LANDSCAPE REQUIREMENTS (TULSA)

STREET TREES (65.040): 1. 1 LARGE TREE PER 30 LF OF STREET FRONTAGE OR 1 SMALL TREE PER 25 LF OF STREET FRONTAGE

S PEORIA AVE = +/- 475 LF/ 25 LF = S QUAKER AVE = 4'- 620 LF/ 25 LF = 25 TREES

* CONFLICT WITH UTILITIES, DRIVEWAYS AND VISIBILITY TRIANGLES
E 5TH PLACE = 4'- 456 LF/ 30 LF = 15 TREES 6 TREES 7 SMALL TREES E 5TH COURT = +/- 180 LF/ 30 LF = S QUINCY AVE = +/- 178 LF/ 25LF = 6 TREES 7 SMALL TREES

INTERIOR LANDSCAPING OF PARKING LOTS (65,050):

1. 1 LARGE TREE PER 10 PARKING STALLS

2. 35 F OF LANDSCAPE AREA PER PARKING STALL

PROVIDED: 9 TREES 2,894 SF LANDSCAPE 9 TREES 2.947 SE LANDSCAPE

STREET FRONTAGE BUFFER 18,500):

1. FRONTAGE BUFFER NESAMS INSTEE ? FT MOTH MINIMAM.

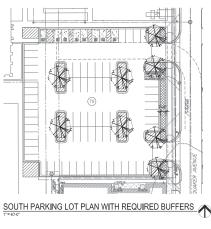
*ATENISHED AMOSCAPE APPLICATION FOR EAST PARRING LOTMERCYCHE BUFFER OF ALL FOUR SDES SECULUS THERE ARE STREETS ON ALL FOUR SDES

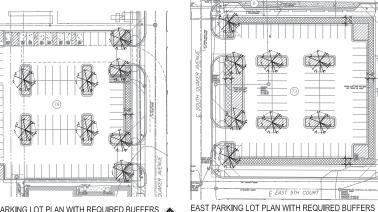
**ATENISHED LEMOSCAPE APPLICATION FOR SOUTH PARRING LOT8 BUFFER LETTERING TO SERVAIX

BUFFER MET SOUTLINE AND ALLIE AND SECRET PERESSITIC.

A SHUES SHOULDE EN ANTED IN CONTINUOUS USE AT LEAST 3 FT IM HEIGHT

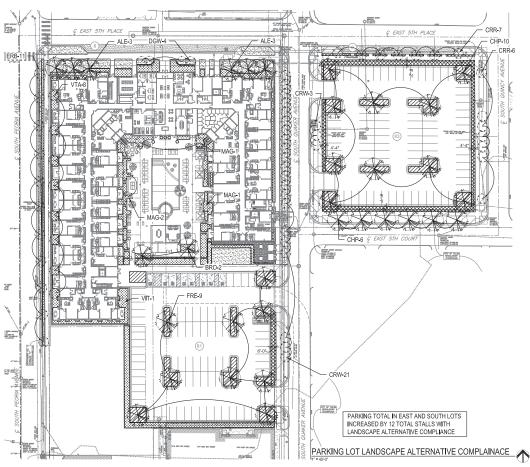
8. S ACKENDAN ONLY OF ALL FOR THE MET WAS ES ASSISTEDTED FOR SHRUBS.





Ç EAST 5TH PLACE

THE R. P. LEWIS CO., LANS.



THE PEARL 555 PEORIA TULSA, OKLAHOMA

△ REVISIONS

LANDSCAPE ALT. COMPLIANCE PLAN