CASE NUMBER:

STAFF PLANNER:

LOCATION/ADDRESS: 1930 S. Pennington

COUNCIL DISTRICT: 6

OWNER: Peart S83 LLC

EASEMENT OWNER: Make Properties Inc.

APPLICANT: Jacobs | Mandy J. Brady

mandy.brady@jacobs.com



NARRATIVE REPORT



PHOTO OF EXISTING PROPERTY PEART 582 LLC, SOUTHEAST CORNER STANDING ON EAST ADJACENT LC-PAD PARCEL, FACING NORTHWEST

CASE NUMBER:

STAFF PLANNER:

LOCATION/ADDRESS: 1930 S. Pennington

COUNCIL DISTRICT: 6

OWNER: Peart S83 LLC

EASEMENT OWNER: Make Properties Inc.

APPLICANT: Jacobs | Mandy J. Brady



SUMMARY OF APPLICANT'S REQUEST

REQUEST: Special use Permit (SUP) to allow a proposed wireless communication facility to exceed the maximum height in an LC-PAD zoning district. The applicant is proposing the construction of a 55' Mono-Palm (measured to the top of the branches) located within an existing self-storage development parcel, located on the North side of Baseline Road, and West of Pennington Road.

PROPOSED STAFF RECOMMENDATION/S (staff feedback)

Staff recommends approve of case ####### with the following conditions

1.

2.

SITE CONTEXT

CASE SITE: Vacant, dirt pad at the corner of an existing Self Storage Unit, Zoned LC

NORTH: Suburban Neighborhood Dobson Ranch, Zoned RF-6

EAST: Rhodes Jr. High School Baseball Field, Zoned PS

SOUTH: Retail Strip Mall, Zoned LC-PAD

Note: See City of Mesa Zoning Map below for confirmation.

ANALYSIS AND RECOMMENDED FINDINGS:

The requested Special Use permit (SUP) would allow the placement of a fifty five foot (55') high Mono-Palm along the East property line of a self storage unit, that lies behind a strip mall fronting Baseline road and Pennington Road. The square-dirt pad, serves as the remaining corner where two storage unit end-caps meet.

The proposed wireless communication facility (WCF) will be a "Capacity" resolution (Wireless carriers are pushed to increase network capacity to accommodate user demand for high-bandwidth services. Until recently, subscribers used wireless networks to make calls or send Short Message Service (SMS)/Multimedia Message Service (MMS) messages. Today, capacity is required to handle increased subscribers and additional services, including: Web browsing, Facebook updates, digital file downloads, like e-books, Streaming audio/video, and online multiplayer games).

As demonstrated in the "Capacity" Before and After Maps (included in this document), the proposed anchor tenant will be able to remedy an "over-capacity" issue in the surrounding area. The proposed WCF is 55' in height which is 30' above the LC-PAD allowed height.

MESA ZONING ORDINANCE

| A. Table 11-6-3A: Develops | | - 4.000000 | CLESSION IN LAND | 35.63 | |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|----------------------|
| Standard | <u>NC</u> (C-1) | <u>LC</u> (C-2) | <u>GC</u> (C-3) | <u>QC</u> (O-S) | Additional Standards |
| Building Form and Loca | tion | 331 | | | |
| Maximum Fleight (ft) | 30 | 30 | 30 | :30 | |

WCF's that exceed the maximum height permitted, are an "allowed use" in the LC Zoning District subject to granting of a Special Use Permit Approval of a SUP for this proposed WCF requires finding that it is compatible with and not detrimental to surrounding properties and is consistent with the General Plan and other recognized plans and policies approved by the City Council. In addition the Zoning Ordinance includes location, design and operation requirements.

<u>Location Preferences</u>: The Zoning Ordinance of Mesa provides a ranked listing of preferred locations for new wireless communication facilities. Top preference is given to placement on existing non-residential structures, such as building or utility facilities located more than 300 feet from residential zones; followed by co-location on existing wireless communication facilities. When such locations are not available, locations within industrial Zones are preferred, followed by stealth applications in commercial zones, then stealth applications in residential zones.

The applicant TowerCom evaluated existing verticality within the search radius and has determined that there are no structures that can be used to address this capacity coverage issue.

City of Mesa Tower - Too far outside of search area

Cole AB - Would diminish capacity coverage.



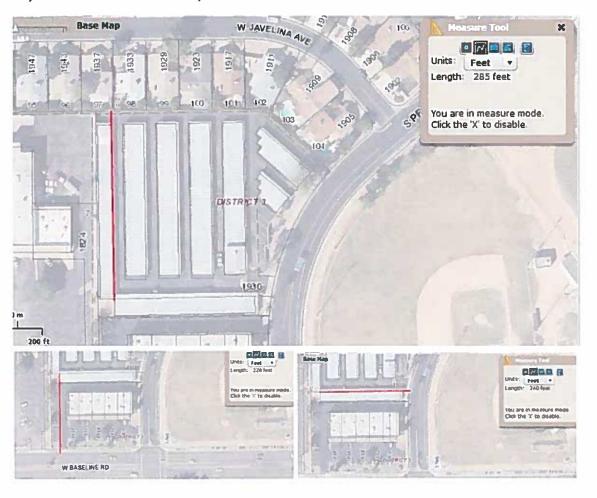
<u>Design Preferences:</u> The Zoning Ordinance provides a ranked listing of preferred design approaches for new wireless communication facilities. Top preference is given architecturally integrated building mounted antennas, such as steeples, chimneys and cupolas, followed by building mounted antennas concealed by faux-structures, then antennas directly mounted to building and visible, but artistically integrated into the structure. When building mounted locations are not available, freestanding stealth trees, then freestanding monopoles.

The proposed method of camouflage the tower is a freestanding Monopalm with a height of 55' to the top of the branches. A mono-Palm is being proposed as a better solution than a MonoElm post an evaluation of the MonoElm appearance and its lack of aesthetics & realistic appearance in this particular setting, of a dirt pad, adjacent to a parking lot near other live trees of much shorter stature. The surrounding commercial and residential property has several live, mature Palm Trees.

<u>Location of Facilities:</u> Within commercial districts the Zoning Ordinance allows new freestanding structures within 1,000 feet of another freestanding facility, provided a stealth camouflaged design is used. Applicant has scaled the distance to other existing towers in the area and this facility will be located more than 1,000 from other facilities.

<u>Height of Facilities:</u> The requested SUP will allow this facility to exceed the 30' height limitation of the LC PAD Zoning District. The Zoning Ordinance requires ground mounted equipment to be screened by a CMU wall painted to match surrounding development. The applicant's Zoning Drawings, confirm this requirement on page A-3 South Elevation.

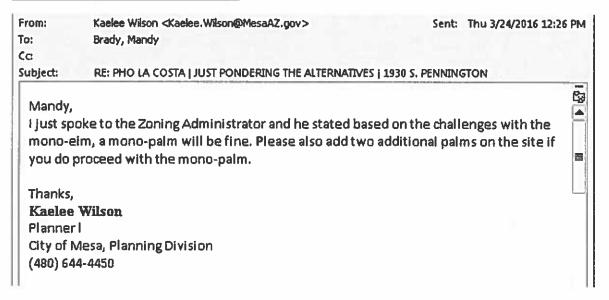
<u>Required Separation and Setbacks:</u> Alternative antenna structures, such as the proposed Mono-Palm, must be setback from residential uses a distance equal to the height of the structure plus one foot and setback from streets a distance equal to the tower plus one foot. The proposed 55' tall WCF is located 285' from the nearest residential property to the North. It is separated from Baseline Road by 228'. It is separated from Pennington Road by240'. All (3) street separations satisfy the City of Mesa LC-PAD Setback requirement.



<u>Design Standards</u>: The Zoning Ordinance provides standards to ensure antennas, antenna support structures and related equipment are located, designed and screened to blend with the existing natural or built surroundings. Specific to the use of a Mono-Paim design, these standards help ensure that faux-trees actually camouflage the WCF by requiring that antennas and antenna support structures not extend beyond the outside edge of the faux-paims or branches. The applicant has confirmed in the Zoning Drawings, sheet A-3, the antenna size to fall within the limits of the palms and branches. Note: The Zoning Drawings are a visual representation of the actual Mono-Palm to be installed, and not an exact match.

<u>Required Landscaping:</u> The Zoning Ordinance required wireless communication sites to include a landscape buffer of plant materials that effectively screens views of the base of support structures and equipment facilities from adjacent residential properties, public right of way, path or trail. The standard buffer requirement is a continuous landscape strep with a minimum radius of 4 feet around the perimeter of the install. The Ordinance also allows for planting "trees similar in appearance to the stealth design of the WCF, in order to mitigate the impact of a sole 55' Mono-Palm in that area.

Staff Request of Proposed Landscaping:



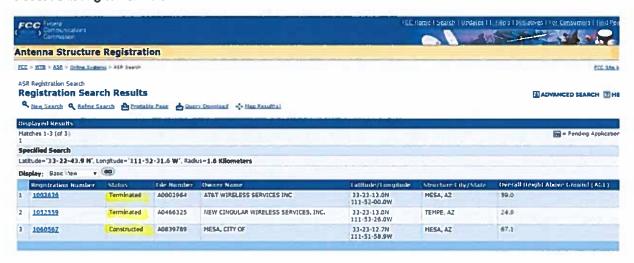
The Applicant's Zoning Drawings, Sheet A-2 shows an existing tree on the East side of the proposed ground facility to remain. There is also an existing tree on the South side of the facility to remain. in addition, the applicant is proposing the "trees similar in appearance to the stealth design" within the WCF ground facility walls, i.e. live Paim Trees. The applicant has not provided a proposed continuous landscape planter, due to the existing trees, and space restricted situation of the proposed location.

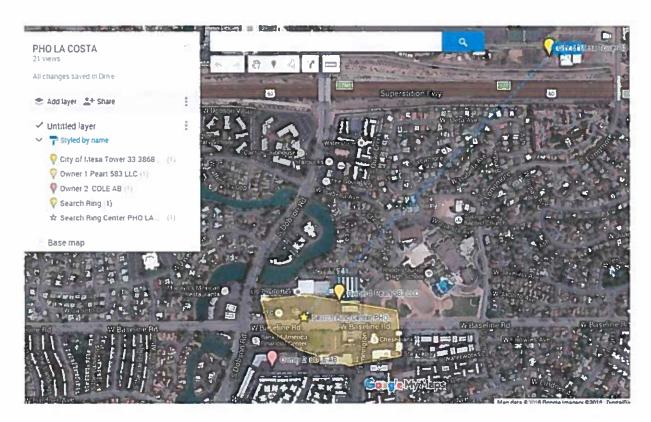
Existing Trees photographs on page following;

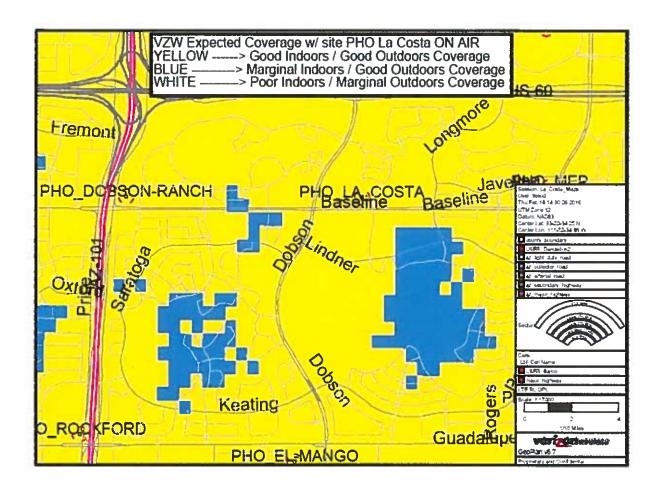
MAP AND INVENTORY OF EXISTING SITES

Evaluation of existing facilities has determined that there are no structures that can be used to address this specific coverage gap. The closest co-location is .75 miles outside of a "Capacity" Search Ring.

FCC ASR SEARCH within (1) mile of search ring center below, and Google Map showing distance to closest existing tower below.







DESCRIPTION OF LOCATION & FACILITY

Ranch Self Storage at 1930 S. Pennington, has agreed to lease the southwest corner of their self storage facility to TowerCom, for the purpose of constructing a new Wireless Communication Facility.

TowerCom (the tower owner) is proposing to install a camouflaged "Mono-Palm" tower and ground telecommunications facility. The facility would be situated on the southwest corner of the property. Currently the corner site is an exposed dirt pad, situated on the exterior of the Self Storage Walls.

TowerCom is proposing to connect the corner, thus bringing the corner & proposed facility on the "interior" of the Self Storage Walls, and placing the tower & facility inside the newly proposed corner of the Ranch Self Storage Wall. Verizon Wireless will be the anchor tenant within the newly proposed corner facility. The adjacent storage unit, north of the SW corner will be reserved for a future colocator.

This Mono-Palm will host Verizon Wireless and possibly one future co-locator, depending on future carrier equipment loading needs. It will improve Verizon Wireless service to the local residents and businesses.

Included in this proposal is Verizon Wireless Equipment:

(12) 8' Panel Antennas, to match palm frond. Antenna Length is 8'

Concealed Cables within pole

Proposed Monopalm Arm Assembly & Antenna Mount for (3) Sectors

(12) Remote Radio Units behind Antennas

Proposed 2' Microwave Dish, with pipe & collar mount, paint to match frond color.

Proposed Surge Protector

Proposed Mono-palm pole with Textured Palm Bark, on Caisson Foundation

Proposed Trench for 4" antenna hybrid cable to mono-palm

Proposed Verizon Wireless Radio Cabinet & Future Radio Cabinet

Proposed Verizon Wireless 30kW Generator with 132 Galion Tank Mount

Proposed Concrete Equipment Pad

Proposed Gravel Bed around Equipment Pad & Pole Foundation

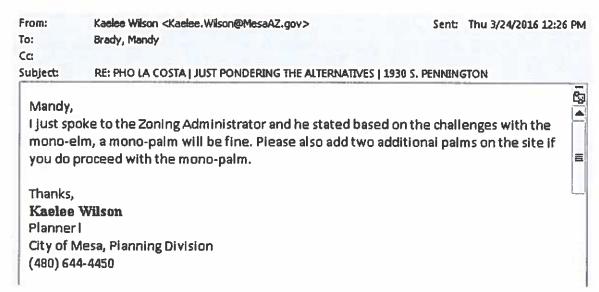
Proposed 8' high concrete block wall enclosure, to be closest color match to existing wall.

Proposed H-Frame

Setbacks:

The WCF is 55 feet tall. The required separation from residential uses is height +1 foot, or 56'. The actual separation is 289 feet, which satisfies the ordinance requirement.

The Type of Tower Concealment has been studied extensively and discussed with zoning staff. A Mono-Palm appears to be the most cohesive and aesthetic decision for this parcel, and area. See supporting email below. Photos of indigenous mature palm trees, shown in photos below, within a ¼ mile of the site, and within the view shed of the proposed site.



Existing Palm Tree 1 (on right/Southwest side of property)



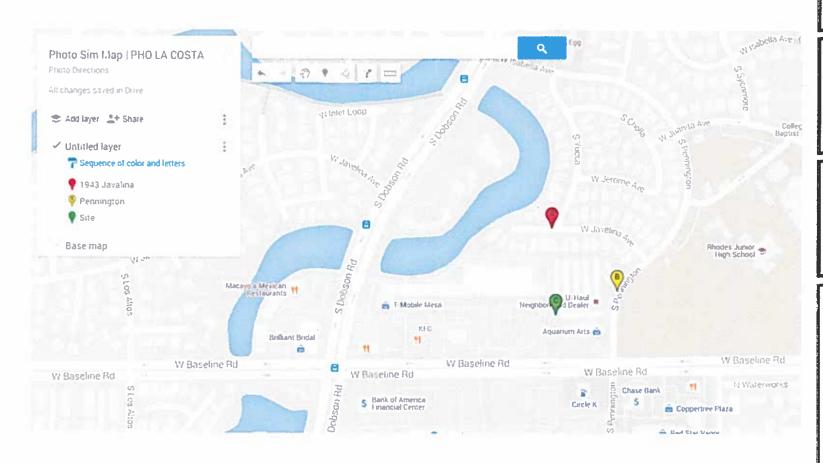
Existing Palm Tree 2 – on West side of Property



The proposed facility is located on a LC PAD property. The equipment will be placed inside a proposed concrete block wall, painted to match the existing self-storage wall on the property.

Photo Simulations:

Before & After, View from Dobson Ranch Suburb, and Pennington are included below of the proposed mono-palm.



TowerCom

209 CIMA DE COLINA PISMO BEACH, CALIFORNIA 93449 678.642.5352

126 W, GEMIN! DRIVE TEMPE, ARIZONA 85283

Jacobs Engineering Group, Inc.

3161 MICHELSON DRIVE, SUITE 500 IRVINE, CALIFORNIA 92612 949.250.1816

PHOENIX LA COSTA MONOPALM

1930 S. PENNINGTON MESA, ARIZONA 85202

PHOENIX LA COSTA

PREPARED BY:

DESIGNED BY: Mendy J. Brady DATE: 4/8/2016

Site Before & After





Existing Southwest corner of Ranch Self Storage



After

Photo Simulation
Proposed 55' Mono-Palm Installation
(2)mature Palm Tree "Friends"
Concrete Block wall, Painted to Match



209 CIMA DE COLINA PISMO BEACH, CALIFORNIA 93449 678.642.5352



126 W. GEMINI DRIVE TEMPE, ARIZONA 85283

JACOBS[®] Jacobs Engineering Group, Inc.

3181 MICHELSON DRIVE, SUITE 360 IRVINE, CALIFORNIA 92812 949.258.1618

PHOENIX LA COSTA

1930 S. PENNINGTON MESA, ARIZONA 85202

104

PHOENIX LA COSTA

PREPARED BY

DESIGNED BY: Mandy J. Brady DATE: 4/8/2016



1943 Javalina Looking South



Photo Simulation
Proposed installation of a 55' Mono-Palm with (12) 8'Antenna Array (viewed just above roofline)

TowerCom

209 CIMA DE COLINA PISMO BEACH, CALIFORNIA 93449 878,642,5352

verizon /

126 W. GEMINI DRIVE TEMPE, ARIZONA 85283

JACOBS Jacobs Engineering Group. Inc.

3161 MICHELSON DRIVE, SUITE 500 IRVINE, CALIFORNIA 92612 949,250,1816

V L S

PHOENIX LA COSTA MONOPALM

1930 S. PENNINGTON MESA, ARIZONA 85202

ATE ID:

PHOENIX LA COSTA

PREPARED BY:

DESIGNED BY: Mandy J. Brady DATE: 4/8/2016

Zoning Preferences:

The proposed Mono-Palm ranks #4 on the Preferred Location list in the ordinance. The tower is setback from the residential properties to the North more than twice the height of the tower.

11-35-5-B-4

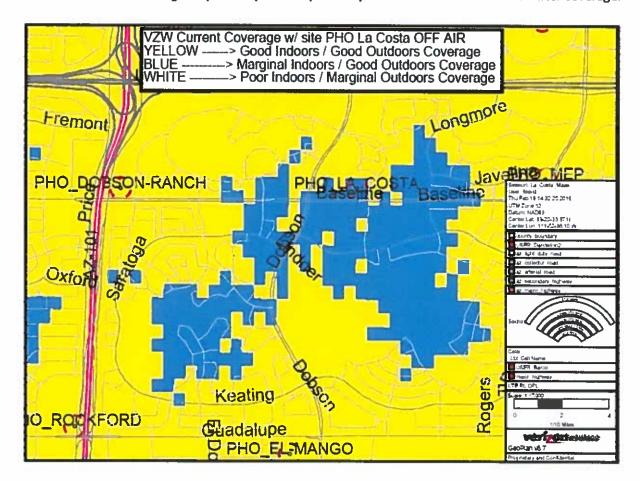
4. Freestanding camouflaged structures visible from public right-of-way and from surrounding residential properties. Examples include steeples, sculptures and clock towers.

Compliance Verification:

TowerCom is proposing a WCF, in which Verizon Wireless is the anchor tenant, which operated under the approved licenses required by the FCC. Verizon Wireless will remain in compliance with the requirements and standards set forth by the FCC.

Coverage Maps:

included below are coverage maps as requested by The City of Mesa to show before and after coverage.





Driving South on Pennington, East of Ranch Self Storage (Existing)

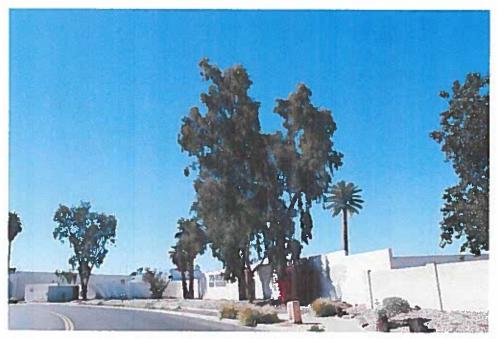


Photo Simulation Proposed installation of a 55' Mono-Palm with (12) 8' Antenna Array (to the right of large tree)

lower Com

209 CIMA DE COLINA PISMO BEACH, CALIFORNIA 93449 678.642.5352



126 W. GEMINI DRIVE TEMPE, ARIZONA 85283



3161 MICHELSON DRIVE, SUITE 500 IRVINE, CALIFORNIA 92612 949.250.1816

PHOENIX LA COSTA MONOPALM

1930 S. PENNINGTON MESA, ARIZONA 85202

PHOENIX LA COSTA

PREPARED BY:

DESIGNED BY: Mandy J. Brady DATE: 4/8/2016

FINDINGS:

- Evaluation of existing facilities has determined that there are no structures that can be used to address this specific coverage gap. The closest co-location is .75 miles outside of a "Capacity" Search Ring. (See map).
- 2. The faux palm-tree design of this WCF meets Ordinance §11-35-5 design preference 6. Camouflaged, stealth or building-mounted facilities on non-residential structures, including monopoles, in any Agricultural or Residential District.
- 3. The WCF is 55' feet tall. The required separation from residential uses is height +1 foot. The actual separation is 289 feet.
- 4. The new facility will advance the goals and objectives of The City of Mesa.
- 5. The location, size, design and operating characteristics of this WCF are consistent with the purposes of the LC District.
- 6. The proposed WCF will not be injurious or detrimental to the adjacent or surrounding properties.
- 7. Adequate public services, facilities, and infrastructure are available to serve this project.

ORDINANCE REQUIREMENTS:

See Appendix "A" for:

Zoning Ordinance, Section 11-35-5 – Location Design and Operation Requirements

Zoning Ordinance, Section 11-70-5 - Special Use Permit

City of Mesa Zoning Map



Existing Tree 1



Existing Tree 2





THE DOBSON ASSOCIATION

2719 S. Reyes, Mesa, Arizona 85202 (480) 831-8314

APPLICATION FOR ARCHITECTURAL REVIEW

| 4/11/2016 | |
|-----------|-------------|
| DATE | REF. NUMBER |

The Architectural Control of Property within Dobson Ranch is established by declaration of Covenants, Conditions and Restrictions, recorded against the deed of each residential lot. Enforceable in a court of law, it is a legally binding document, and sets standards for color schemes, exterior finishes, architectural design, placement and height of buildings and workmanship. The architectural rules are intended to maintain the property values and standards of development that exist on Dobson Ranch. All individuals, in the purchase or ownership of a home in Dobson Ranch, are subject to Architectural control and should read, review, and be fully acquainted with the CC&Rs and guidelines of the applicable subdivision. This permit expires in 90 days, if work is delayed please contact the office. Must reapply if work is not started within the 90 day period. No work shall commence until approval is received. Name Owner: Ranch Self Storage | Tower Owner: TowerCom | Tenant Verizon Wireless | Account Number | Address 1930 S. Pennington, Mesa | Contact Address: 11544 Ginger Root Court Draper, UT 84020 Phone-Day <u>801-523-3741</u> Phone-Evening _ 937-266-5263 Brief description of project including color: Proposed Green, Mono-Palm Tower & Telcommunications Facility. Existing Storage wall proposed to be extended in matching material to complete corner. Proposed tower facility to reside in newly built corner of storage wall (see drawings)_ TowerCom VII LLC is proposing to build tower & facility, with Verizon Wireless as anchor tenant... Color and composition of roof n/a Please submit any supporting documentation, including digital plans if applicable. If request is for exterior painting include color chip with application before you paint, permissible colors may be viewed at the association office. Storage sheds may not exceed 12 inches above fence line. Should the Architectural Committee require additional information, your request will be delayed until the needed information is received. VARIANCES BEING OBTAINED FROM THE CITY OF MESA, must be acknowledged in writing by the adjacent homeowners to your property. Neighbors consent is not a condition to approval by the architectural committee. Does your project require a ☐ city building permit, ☐ variance or ☑ public notice. (Must provide a copy of building permit.) Will there be a change in height of existing structure because of your project? YES NO Will your project block the view of the lake or common area of another homeowner? YES NO Have you checked for easement encroachments? YES Do you live in a "Zero" lot line subdivision? YES NO indicate work to be done by yourself (A), work to be done by others (B) Landscaping (B) Concrete -Block(B) Roofing π/a Electrical (B) Painting (B) Carpentry n/a *Estimated start date? 12/1/2016 Approximate cost of project? <u>\$200,000,00</u> *Estimated completion date? 3/1/2017 *Must include date or the approval process will be delayed. How will site clean-up be handled? The site cleanup will be handled by experienced contraction professionals. The G.C. will be awarded post receipt of the building permit approval. Approval is based in part on information stated herein. Applicant is obligated to answer all questions fully and accurately. Failure to do so, ambiguity in design or faulty measurements may result in rejection or cancellation of approval. Incomplete submittals will be denied. Homeowner Signature authors agus III and

 From:
 Brady. Mandy

 To:
 "Donna Madueno"

 Bcc:
 Brady. Mandy

Subject: RE: Architectural Review Application | PHO LA COSTA | TOWER COM | VERIZON WIRELESS

Date: Monday, April 11, 2016 12:26:00 PM
Attachments: 1943 Javalina Before and After.pdf

ARCH REVIEW PHO LA COSTA 2016 04 11.pdf ZDS PHO LA COSTA (monopalm) 2016 04 07.pdf

Hi Donna-

I am attaching a revised application, the new zoning drawings, and a photo sim; as we are changing the Zoning Request to a "Mono-Palm" versus a "Mono-Elm

I am going to go ahead and include our email correspondence in my Zoning application to Mesa this week. If the HOA has any questions or concerns, please let me know as soon as possible.

Hopefully we can receive your approval and/or comments this week. Let us know either way.

Mandy J. Brady | Jacobs

PM |Site Acquisition | ph 801.523.3741 11544 Ginger Root Court | Draper, UT 84020 Mandv.Bradv@iacobs.com | www.iacobs.com

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From: Donna Madueno [mailto:dmadueno@dobsonranchhoa.com]

Sent: Thursday, March 24, 2016 11:56 AM

To: Brady, Mandy

Subject: RE: Architectural Review Application | PHO LA COSTA | TOWER COM | VERIZON WIRELESS

Hi Mandy,

I have not received it back yet. I just emailed the committee in response to this application. As soon as I hear back from them I will let you know. I hope to hear something back today. Thanks



Donna Madueno
Administrative Assistant
Dobson Ranch Homeowners Association
2719 S. Reyes, Mesa AZ 85202
Office 480-831-8314 | dobsonranchhoa.com
the best place to live!

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From: Brady, Mandy [mailto:Mandy.Brady@jacobs.com]

Sent: Thursday, March 24, 2016 10:19 AM

To: Donna Madueno

Subject: FW: Architectural Review Application | PHO LA COSTA | TOWER COM | VERIZON WIRELESS

Hi Donna-

Just following up to check the HOA review status on this? Do you need any further info from me?

Mandy J. Brady | Jacobs
PM |Site Acquisition | ph 801.523.3741
11544 Ginger Root Court | Draper, UT 84020
Mandy.Brady@jacobs.com | www.jacobs.com

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From: Brady, Mandy

Sent: Thursday, March 17, 2016 1:33 PM To: 'dmadueno@dobsonranchhoa.com'

Subject: Architectural Review Application | PHO LA COSTA | TOWER COM | VERIZON WIRELESS

Hi Donna-

Thanks for explaining the HOA architectural review process to me.

As discussed the Ranch Self Storage owners are leasing some property to TowerCom VII LLC (a tower owner), in order to construct a "Mono-Elm" for Verizon Wireless to be the anchor tenant on. It will improve Verizon Wireless cell service to the Dobson Ranch area. Without it, residents may be dropping calls due to an overloading issue (there are other towers in the area, but they cannot handle the capacity of usage).

I have attached Zoning Drawings that will be submitted for review to the City of Mesa for Zoning Approval. I have also attached a photo of a similar "Mono-Elm" at 1932 N. Power Road in Mesa,

and a photo of the corner of the self storage unit, in it's existing condition. The corner of the wall will match the existing wall, and the mono-elm will be inside the wall.

Let me know if you require anything else to make a decision.

Mandy J. Brady | Jacobs

PM |Site Acquisition | ph 801.523.3741 11544 Ginger Root Court | Draper, UT 84020 Mandy.Brady@jacobs.com | www.jacobs.com

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