

## Section 1 DU 5 & 6 South Development Unit Plan

In accordance with Section 5 of the Eastmark Community Plan (CP) (formerly referred to as Mesa Proving Grounds), this Development Unit Plan (DUP) is being submitted for the remaining unplanned portions of Development Unit 6 (DU6) and the southern portion of DU 5. In order to understand transitions between adjacent areas and in order to reduce redundancy, the existing approved DU 5 North DUP (which consists of 365 acres) and the existing approved DU6 south DUP (which consists of 107 acres) will be incorporated into this new DUP. This new DUP will then be a combination of newly planned areas as well as areas already planned and will be referred to as DU 5 and 6 South (DU5/6s) and as such, this document supersedes the DUP for 5 North approved on August 17, 2016<sup>1</sup> and the DUP for DU6s approved on March 23, 2016 and amended on September 21, 2016 and the DUP for DUs 5 and 6 approved on May 17, 2017.

DU5/6s is located within the approximately 3,200 acre Eastmark community, as shown on **Exhibit 1.1 – Location Map**. DU5/6s generally consists of approximately 738 acres in the northern portion of Eastmark as shown on **Exhibit 1.2 – Development Unit Map– Location of DU 5/6 south**. The DU5/6s area includes all of DU5 together with the southern portion of DU6.

As noted above, this application is to request the approval of a new and expanded DUP that will 1) add and plan new area primarily in the remaining portions of DU6 and DU5; and 2) Incorporate all of DU 5, including the area already part of an approved DUP (DUP 5N) into the DUP. These changes will reduce the number of approved DUP documents and incorporate them into one document. Because these areas all relate to each other, the ability to understand transitions and interfaces between the areas can be better addressed and articulated in one combined document.

While several actions are being requested, the main purpose of the DUP approval is two-fold: 1) Planning for the remaining portion of DUs 5 and 6 which consists of approximately 738 acres and, 2) expanding the planned commercial at the northwest corner of Signal Butte and Point Twenty-Two Boulevard by five (5) acres to achieve a site that totals fifteen (15) acres. No other changes are proposed to the planned uses in DU5 and DU6. The remaining portions of DUs 5 and 6 are planned to be for residential development. This development represents a logical extension of development that is occurring in DU 7 and DU 6 areas immediately north of Point Twenty-Two Boulevard as well as areas to the east of Signal Butte Road in areas outside of Eastmark while also offering a transition of densities to the urban core of DU1 and the employment areas along Elliot Road. The expansion of the commercial area will allow for additional types of commercial uses, such as a neighborhood grocery store.

To facilitate these changes, concurrently with this DUP submittal, we are also submitting the following:

- 1) A proposed change to Section 8 of the Community Plan to eliminate references to golf and resort development;
- 2) A minor amendment to the DUP map to refine boundaries, and

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<sup>1</sup> DUP for 5 North superseded the DUP for DU5E which was approved on May 21, 2014.

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3) A minor amendment to the land use budget to move small amounts of acreages between DU's 2, 3, 5 and 6 as a result of fine tuning the locations of DU boundaries.

The purpose of the 2026 Major Amendment is to provide additional details for the area shown as “transition area”, update the District LUG, update street alignments to reflect completed roadways, identify the location of the Eastmark Great Park, and update graphics to reflect these modifications.

### 1.1 Site and Context

Located in the northern portion of Eastmark, DU5/6s is accessed from Elliot Road, Signal Butte Road, Eastmark Parkway, Point Twenty-Two Boulevard and Everton Terrace. DU5/6s is bounded on the north by Elliot Road and the southern boundary of DU6n, on the east by Signal Butte Road, on the south by Point Twenty-Two Boulevard and by Eastmark Parkway to the west. Property within DU5/6s and surrounding areas within Eastmark is almost completely developed with industrial uses including data center or warehouse uses, with the largest including the 1.3 million square foot Apple manufacturing facility which is located at the southwest corner of Elliot Road and Signal Butte Road and an SRP electric substation that primarily serves the Apple facility as well as the Meta facility located at the southeast quadrant of Elliot Road and Ellsworth Road. Property to the east of Signal Butte Road is developed with single family residential use (non-Eastmark). To the south of Point Twenty-Two Boulevard is residential and church use in DU7. To date all of the homes have been constructed in this area with final stages of residential development occurring to the west. To the west is undeveloped desert and industrial use. As shown on **Exhibit 1.3 – DU5/6s Existing Context**, DU6n exists to the north and northwest.

The character of DU5/6s is described in the CP and is proposed to be modified primarily to reflect the deletion of resort and golf uses replaced with a greater emphasis on campus type employment use. DU5/6s will be developed consistently with the general description and depictions as proposed to be amended but still consistent with the original descriptions contained within the CP which includes the development of residential neighborhoods and employment uses. The residential neighborhoods for both DU5 and DU6, including enclave neighborhoods may be gated or non-gated and may include lower density residential and smaller upscale residential environments that provide a transition of residential density to the north and west. Employment use will also be located along Elliot Road with no single-family residential within the area located ½ mile south of Elliot Road. Given the importance of employment to this area, and given the continuing demand for employment and industrial type uses, in part due to the development of major employment and manufacturing uses in DU 6 (i.e. Apple facility), employment use is continued to be emphasized for development within DU 5 resulting in a logical extension of these types of uses along the Elliot Road corridor and consistent with the vision as articulated in the CP. This vision is also consistent with the City's vision for the Elliot Road corridor, which the City has designated as the “Elliot Road Technology Corridor.”

### 1.2 DU Development Character

In accordance with Section 8.4C of the CP, DU5 is designated as Employment Core and is intended to be a transition area to employment uses. This north area of Eastmark is planned entirely for employment use. These uses are set in landscaped areas with employment uses taking on a campus-like setting. It is anticipated that the northern portions of DU5 will house uses that provide an appropriate context related transition between the employment/manufacturing uses along Elliot Road and Signal Butte Road. Additionally, DU 5 is also expected to transition to residential use planned in the southern portion of DU5 and

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DU6s. These transitions will likely be in the form of a usable open space area that connects with and provides extensions of the Eastmark Great Park in a manner that provides a seamless connection to the Eastmark open space areas, both public and private. Additionally, for areas with adjacency to industrial and commercial areas along Signal Butte, greater density residential is an appropriate transition between these areas and the lower density residential with a minimum 50-foot-wide landscaped buffer. With the spectacular views to the Superstition Mountains, DU5 uses can take advantage of these vistas where possible and if desired.

In accordance with Section 8.4 G of the CP, DU6 is designated as an "Enclave" character and is intended to be a transitional area that includes both executive and central type neighborhoods, mixed use employment and commercial, office, retail with significant amounts of multi-family, office employment and/or commercial uses. DU6n has been planned to include major employment use leaving the remaining portions of DU6 to address housing. DU5/6s will include residential uses, some of which will be gated. Densities may be somewhat lower than in other areas of the community which is consistent with the character descriptions. A commercial development located at Signal Butte Road extending from Point Twenty-Two Boulevard to Rubidium Avenue provides opportunity for commercial, office or retail, all of which were anticipated in this portion of DU6.

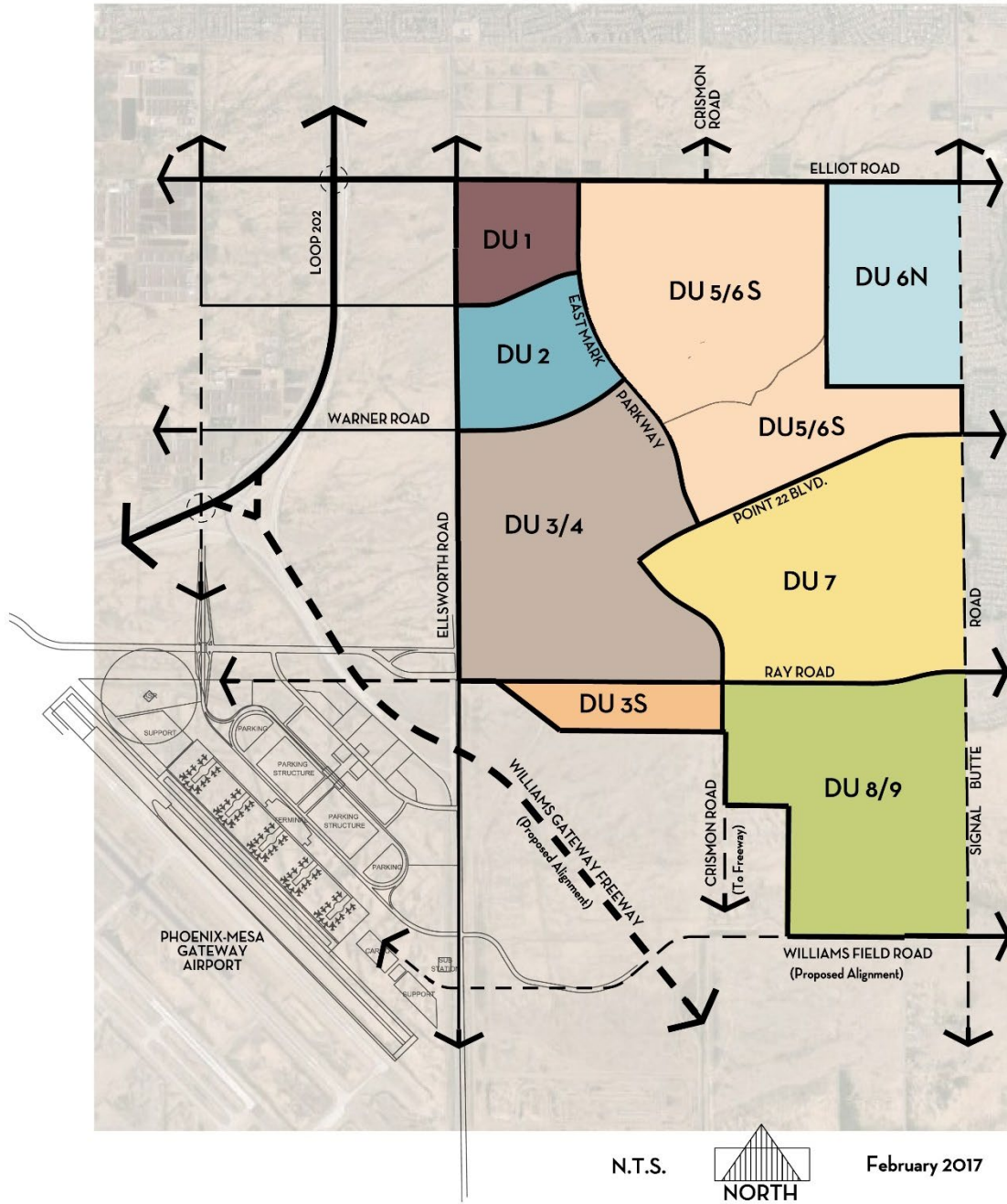
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## Exhibit 1.1 Location Map



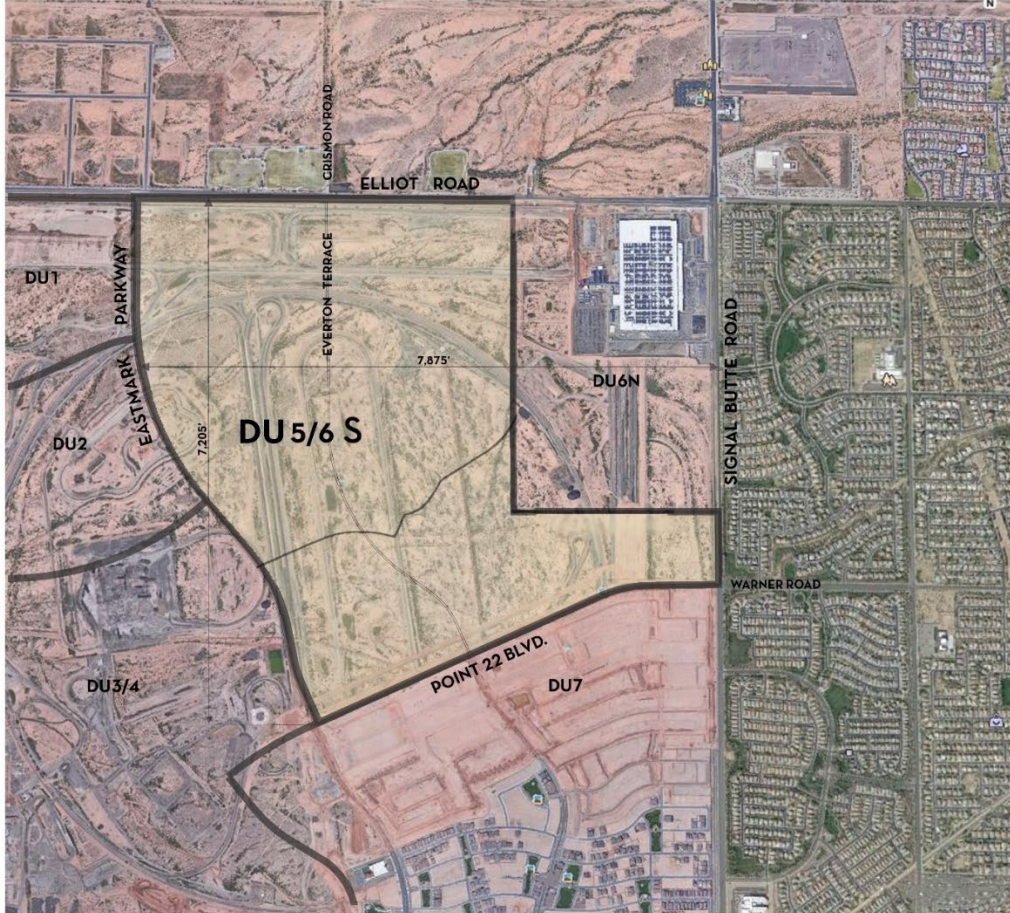
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## Exhibit 1.2 – Development Unit Map



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## Exhibit 1.3 – DU5/6s Existing Context



Notes:  
The areas, connections, shapes, quantities, sizes and locations shown are conceptual representations of the future potential development. Actual areas, connections, shapes, quantities, sizes and locations may differ from those shown.

N.T.S.



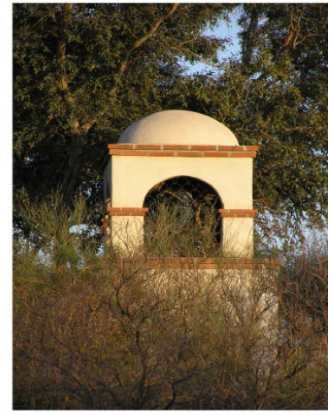
February 2017

## 1.3 DU Vision

Consistent with the Eastmark CP, DU5/6s will be planned with a mixture of employment and residential uses. It is anticipated that employment uses in the northern portion of DU5/6s will be set in a campus type setting and will contribute to the Vision for Eastmark – which is, in part, to provide jobs and to become a Center of Regional Importance. Uses within this area are anticipated to be consistent with the vision of the City's Elliot Road Technology Corridor area as well as employment uses for the residents of Eastmark and the area in general. Employment uses in DU5/6s will provide a transition from existing and planned manufacturing uses in DU6n to other future uses in DU1. The expansion of employment uses in this area is evidence that the strategy set forth for this area in the Eastmark CP as well as other City policy documents, including the Elliot Road Technology Corridor, is working and has established the necessary framework to encourage and attract the type of uses sought for this area. Additionally, the placement of employment and other non-residential use is appropriate given the location of flight corridors for the Phoenix Mesa Gateway Airport (Airport). DU6n, which has been approved and partially developed, identifies employment development as the major planned uses for this portion of DU 6. Given the location of DU6n in proximity to the intersection of Elliot and Signal Butte Roads combined with the location to the SRP Browning substation, the land along Elliot Road and included within DU 5/6s is appropriate for the employment use.

To realize the full character for DU5/6s residential use will play a significant role. With this in mind, DU5/6s will also be developed with residential uses and a site for neighborhood serving commercial development, creating a synergy between the two types of uses. A need for neighborhood level commercial has been identified, especially as the residential use in the area has expanded. This combination of uses provides for the employment uses sought for within the Gateway area and along the Elliot Road corridor but will transition to residential as you proceed south. This combination of uses will contribute to the Vision for Eastmark – which is, in part, to provide jobs and to become a Center of Regional Importance as well as provide housing opportunities in close proximity to the jobs. Additionally, the interface between the residential and employment uses will be carefully planned to protect the integrity of different uses, but also provide an amenity for the community as well. These transition areas will be planned and developed to be well crafted open space extensions of the Eastmark Great Park and/or private open space areas. The intention is that these transition areas will provide important passive and active amenities for residents and also provide for east-west and north-south recreational connectivity to employment areas and residential areas. Detailed planning and development for these important transitional areas will occur as and when adjacent uses are known so as to maximize their use and potential. Residential use in DU5/6s are also planned to be able to appropriately transition and connect to future uses in DU 1, 2, 3 and 4, some of which may be higher in intensity.

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### A. Elliot Road Employment Corridor

It is anticipated that employment uses in the northern portion of DU5/6s will be set in a campus type setting and will contribute to the Vision for Eastmark – which is, in part, to provide jobs and to become a Center of Regional Importance. Uses within this area are anticipated to be consistent with the vision of the City's Elliot Road Technology Corridor area as well as employment uses for the residents of Eastmark and the area in general. Employment uses in DU5/6s will provide a transition from existing and planned manufacturing uses in DU6n to other future uses in DU1.

### B. Residential Neighborhoods

The residential neighborhoods of DU5/6s will be single family that are organized around intimate neighborhood parks or, alternatively along linear open space linkages. Some residential neighborhoods will imitate the block pattern and character of the single family neighborhoods of DU7. Neighborhoods with larger lots may be developed with neighborhood parks forming intimate gathering spaces or with alternative use of open space that traverses through the private neighborhood with homes either fronting or backing onto these park areas. These neighborhoods may be planned with lots backing onto open space giving a greater emphasis on backyard living. These neighborhoods may also be gated enclaves, though pedestrian access would still be provided to access community green spaces. Additionally, portions of the Eastmark Great Park may also be woven into the fabric of these neighborhoods.

### C. Signal Butte/Point Twenty-Two Activity Core

The northwest intersection of Signal Butte and Point Twenty-Two is envisioned to be developed as a more intense property with potential uses to include neighborhood scale retail/convenience, grocery, restaurant, and/or office. This area will likely include development of small scale neighborhood commercial and will be planned in a manner that integrates with the neighborhood. Landscape interfaces, pedestrian connectivity and architectural design of commercial buildings will ensure a cohesive relationship between the uses. Buildings within this area will likely have simple massing and details with an emphasis on the pedestrian level experience.

### D. Point Twenty-Two Boulevard Pedestrian Corridor

A major east-west pedestrian connector within Eastmark is the Point Twenty-Two corridor. This roadway will connect uses throughout the community, and for DU5/6s, will connect potential commercial uses and Church uses at Signal Butte and Point Twenty-Two Boulevard through the community, to the Eastmark Great Park and ultimately to DU 3/4. This major connection is designed with multiple pedestrian routes (wide sidewalk, multi-use path, and jogging trail) and bike lanes along the roadway. This will generally be a shaded tree-lined corridor to encourage walking and biking.

### E. DU6n/DU5/6s Interface

DU5/6s is immediately adjacent to DU6n. This amendment addresses an appropriate transition between the DU6n area which has been entirely developed with large-scale, industrial uses. To provide a separation and to direct industrial traffic through this area, Mesquite/Binary and Rubidium Avenue serve as an east west route

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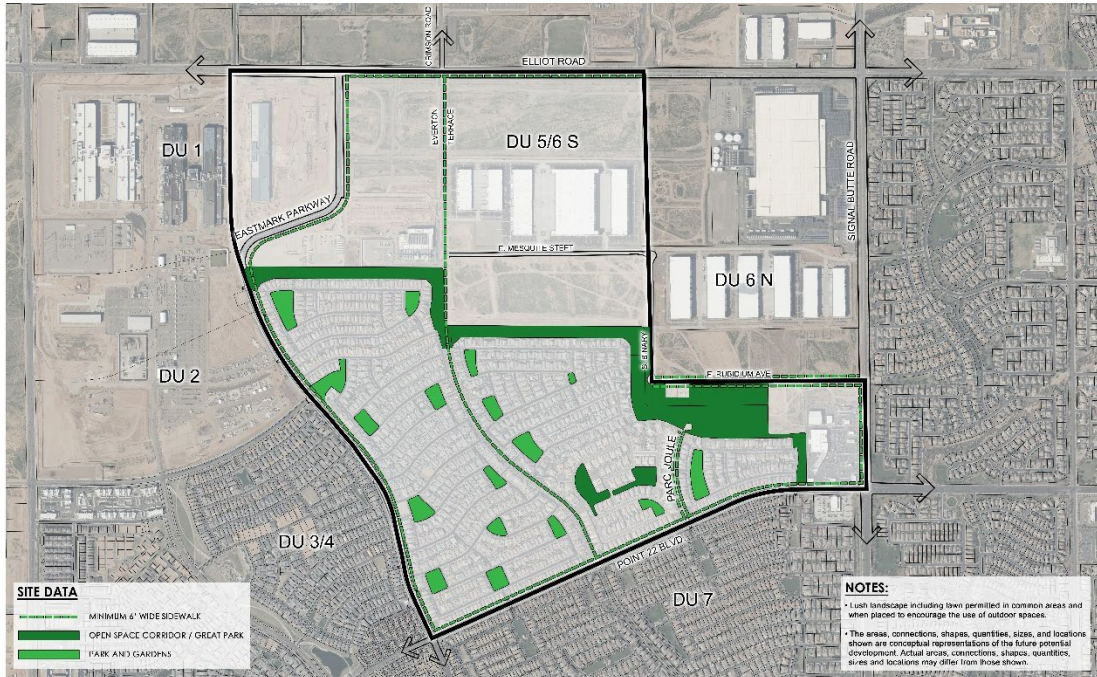
to keep traffic away from residential areas. South of Rubidium Avenue, the Eastmark Great Park serves as a transition. To further transition remaining single family, a minimum 50-foot-width linear open space buffer will be provided to connect to private open space tracts located west of the commercial area. The remaining undeveloped property is proposed to be developed with higher density residential which will provide for a smooth and appropriate transition between the employment area, commercial area and single-family residential.

### F. DU 5 and DU 6 Interface

The southern portion of DU 5 will contain residential uses that will be adjacent to employment uses in the northern portion of DU 5 as shown in **Exhibit 1.5**. In order to provide appropriate buffers between the two uses so that uses can co-exist, transitions between these uses will be closely considered as part of the subdivision and/or site planning process. Tracts will be created concurrently with the subdivision process for residential. Site planning for these transition/interface areas will be pursued as a separate site plan approval and will likely occur when more information on the adjacent employment uses are known. This will allow for planning that will optimize placement of landscaping, berming, pathways, signage, fencing, active recreational features and connections to neighborhoods and employment uses. Appropriate transition and buffering technics include the use of open space, park areas, setbacks, berms, landscaping, road connections, walls, building placement and architecture. Additionally, the interface between the residential and employment uses will be carefully planned to protect the integrity of different uses, but also provide an amenity for the community as well. These transition areas will be planned and developed to be well crafted open space extensions of the Eastmark Great Park and/or private open space areas. The intention is that these transition areas will provide important passive and active amenities for residents and also provide for east-west recreational connectivity through Eastmark as well as pathways that link and connect employment and residential areas. Detailed planning and development for these important transitional areas will occur as and when adjacent uses are known so as to maximize their use and potential.

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## Exhibit 1.5 - Conceptual Interface Area



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Examples of the type of interface areas that could be employed in these areas are provided below:



Additionally, this area is also adjacent to areas to the west and northwest in DUs 1 and 2 which are intended for higher intensity development. The connection of this area to the Eastmark Great Park as well as the existence of Eastmark Parkway will provide connections and transitions to these areas as well.

## 1.4 Compatibility to the Overall Eastmark Vision

### A. 21<sup>st</sup> Century Desert Urbanism

Consistent with the 21<sup>st</sup> Century Desert Urbanism character, the plan for DU5/6s will provide the following:

- Integration of land uses with housing and employment located in close proximity.
- Creation of connected, intimate neighborhoods that will live well over time.
- Conveniently located to educational facilities from preschool to higher education opportunities to allow families to live and work in close proximity, provide opportunities for employee training and growth and collaborative partnerships between universities and business.
- Street trees, shaded walkways and well planned open space will assist in reducing heat island effect.
- Integrated stormwater management to reduce water use in common landscape areas.
- Integrated on-site and off-site flows to minimize inefficient land use for separate surface basins and permit sub-surface storage solutions where possible.
- Easy access to the Airport.
- Easy access to the Phoenix Metropolitan area via the US 60, Loop 202 and State Route 24.

### B. The Eastmark Strategy

The overall Eastmark strategy to become a Center of Regional Importance includes the notions that employers will locate in areas with excellent access to transportation and other infrastructure and that fill a variety of needs including the existence of great neighborhoods, educational opportunities and areas that are socially important. DU5/6s focuses on "Economic Importance" by providing additional opportunities along the Elliot Road corridor for jobs that attract the types of workers the City has envisioned for the area. The attraction and development of industries to the area is essential and critical to a strong local economy. The jobs generated in the employment cores in DU6n and DU5/6s will not only support families in the community, but by keeping the knowledge workers and their families in the community, the jobs will support additional jobs in areas such as: banking, groceries, clothing and dry cleaning, pet care, lawn and home care, home repair and maintenance, fitness and health, entertainment and dining and other such uses important for the social fabric of a great community. These additional uses will not only support the employees within DU5/6s, but also enrich the lives of the families living in the neighborhoods nearby.

Other portions of DU5/6s are envisioned to be residential designed with streets and "Intimate Neighborhoods" similar to the development pattern in DU7 with an expansion of neighborhood types to include enclaves, all of which ultimately will attract the types of workers the City has envisioned for the area. The development of these neighborhoods will help our existing employer(s) on-site as well as those in close proximity (at the Phoenix-Mesa Gateway Airport and the Elliot Road corridor) and to provide housing opportunities close to where people work. These, connected neighborhoods will also help attract companies considering relocation to this part of the world by ensuring that their people will have a place they can proudly and comfortably call home. These neighborhoods in such close proximity to work will also increase the quality of life for the company's employees by reducing time spent commuting to work, including the simple daily family needs and reducing the distance between the worker and their families during the day. Because these neighborhoods will be designed to integrate with the greater community and will include many public services and amenities that will not only support the employees within Eastmark, but also enrich the lives of the families living in the neighborhoods nearby. Coupled with those strategies, the vision includes the notion that employers will locate in areas that fill a variety of needs including the existence of great neighborhoods,

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educational opportunities and areas that are socially important. DU5/6s focuses on providing additional and varied housing opportunities in close proximity to existing and future employment uses along the Elliot Road corridor as well as other future employment uses in the general area.

### C. Eastmark Planning Principles

DU5/6s will be a part of bringing Eastmark's Planning Principles of 1) Coordinated Connections, 2) a Framework to Evolve and 3) Living Well Over Time to fulfillment. These planning principles were identified in Section 3 of the CP and are the principles used to develop and ultimately implement the vision for Eastmark. These principles are intended to guide the planning effort and help create a community that can evolve, grow and change over time.

#### 1. Coordinated Connections.

The concept of Coordinated Connections was intended to mean the community would be connected – not only connected internally but also to the surrounding area, region and beyond. These connections include coordination with people and transportation systems. The neighborhoods in DU5/6s will be successful in many ways because of their Coordinated Connections, partnerships and collaboration. Some portions of DU5/6s will be housing with the potential for a small amount of commercial, with these uses providing the base for the labor force for existing and future employment in the area, including those areas in DU5/6s. The development of a vibrant employment base, will be successful in many ways because of its easy and close access to many features desired by employers. Again, Eastmark is well situated to take advantage of regional freeway access and the Airport and also to provide long-term protection for the existing airport and to take advantage of nearby universities, and colleges as well as planned educational institutions. The existence of additional employment opportunities in this area will provide a significant beneficial use to the area which will help solidify this as an important area for the Southeast Valley.

DU5/6s has been planned with sidewalk connections to and along Eastmark Parkway, Elliot Road, Point Twenty-Two Boulevard, Everton Terrace and Signal Butte Road – all which contain connections to employment areas along Elliot Road and also to community facilities within the heart of Eastmark including the Eastmark Great Park and existing schools. The Interface area will also contain an east-west connector within the open space located between employment and residential areas providing an important link through the community. Portions of the Eastmark Great Park may also extend into this area further providing direct linkages to the Eastmark Great Park currently within DU7. Additionally, DU5/6s will be closely connected with DU7 which also contains an extensive network of sidewalks and neighborhood parks, all of which are ultimately connected to the Eastmark Great Park.

From a physical perspective, freeway access connections from US60, Loop 202 and State Route 24 make this an ideal site for both employment uses and for active families looking to avail themselves of all that the Valley has to offer, close proximity without the burden of being adjacent to the freeways make this an ideal setting for these neighborhoods.

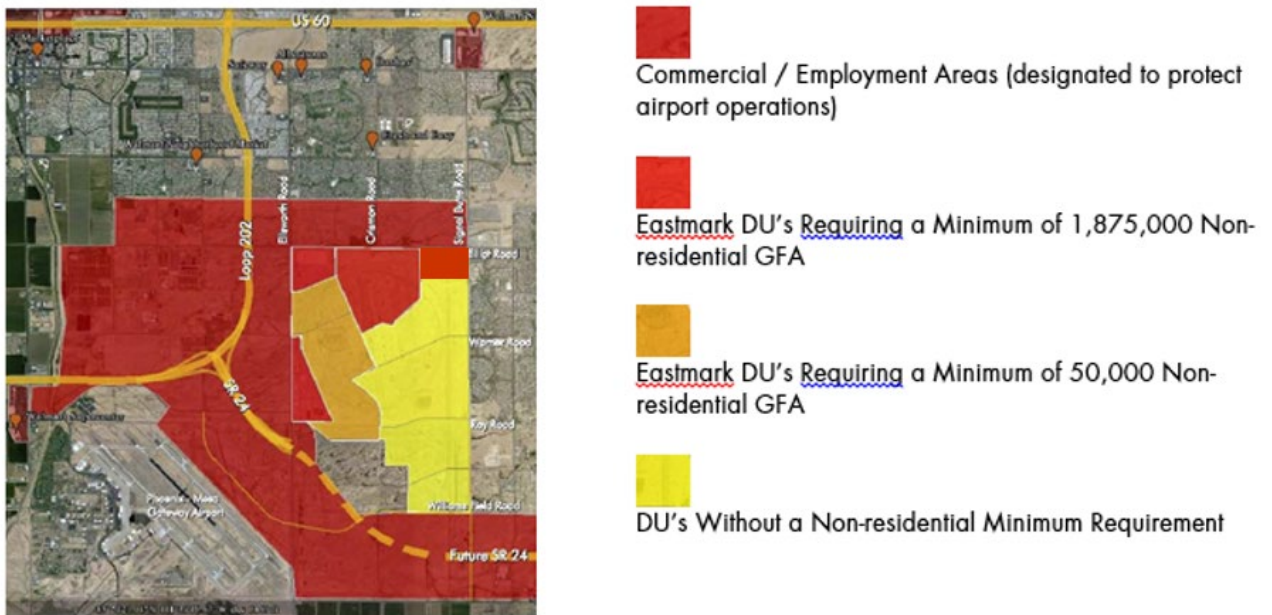
The approved uses within DU5/6s were located in this portion of Eastmark in recognition of airport overflights and location of employment and activity areas. The potential existence of the aircraft overflights further north encourages and allows these uses here. Locating large-scale and other employment uses in the northern portion of DU5/6s helps to ensure the sustainability of the airport by installing uses considered airport compatible in the portion of the site considered most sensitive by the airport. Locating airport compatible uses in this area also helps to ensure that the airport operations are not negatively impacted and that they

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will continue to grow and prosper. Furthermore, the existence of available infrastructure has further provided opportunity for non-residential users to locate along Elliot Road given the City's ability to quickly and efficiently provide for start-up of proposed uses. This ability to get to market quickly has given Mesa a significant edge in attracting these important uses.

Locating residential uses in the southern portion of DU5/6s helps to ensure the sustainability of the airport by providing convenient access for business travelers in the portion of the site considered least sensitive by the airport. Given the importance of the Phoenix-Mesa Gateway Airport to the region, protecting its viability and encouraging its growth is an important part of the Eastmark vision. Finally, connections with distant mountain views will ensure that the intimate neighborhoods of Eastmark are connected with the larger desert environment of which they are a part. To further these goals, the Land Use Budget in the CP contemplates that non-residential uses could be located in many areas of the community but ensured that certain areas would be developed with significant non-residential. Exhibit 1.5 illustrates areas where concentrations of non-residential were intended to occur based on the boundary of the DU.

**Exhibit 1.5 – Major Residential and Commercial Zones**



### 2. Framework to Evolve.

A unique and important aspect of the Mesa Proving Grounds CP is its emphasis on flexibility and the framework to evolve and change by the designation of multiple Land Use Groups ("LUGs") within the DUP. As such, DU5/6s is the result of Eastmark's commitment to develop a community with such a framework.

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DU5/6s is an example of this ability to evolve. Given the recognition that the Elliot Road corridor is evolving into an employment corridor, in part given the existence of readily available infrastructure, employers are looking at this area as a prime location to locate major facilities. The proposed land use groups in DU5/6s and DU6n are being established to allow Eastmark and the City to quickly respond to these opportunities as they present themselves. Eastmark embraces, encourages and is required to create employment uses as part of the community fabric. Bringing jobs and homes in close proximity provide each with an incentive to evolve to support each other over time. Employment uses are perfectly located in proximity to the airport overflights and along the edge of the community so as to meet the overall strategic goals of the CP while at the same time, providing a rational transition and edge to the community. Importantly, the exterior edges have been planned to transition appropriately to adjacent uses. Additionally, development of large scale employment uses on larger land holdings provides opportunities for future redevelopment over the long run.

The residential neighborhoods will be designed after the traditional neighborhoods and neighborhood design established in the central neighborhoods in DU7. Additionally, enclave neighborhoods and multi-family will also be provided in this DU. Like DU7, DU5/6s primarily accommodates residential neighborhoods with neighborhood serving commercial.

### 3. Living Well Over Time.

This planning principle embodies several notions including the creation of urban centers, employment areas, intimate residential areas as well as executive enclaves, villages, streets, open space and sustainability. DU5/6s builds on development patterns that have been started including a logical extension of residential within DU7 which will ultimately extend to the employment areas along the Elliot Road corridor. Streets with sidewalks and tree canopies along with the neighborhood park open space network will provide the backbone for the framework. Having employment and commercial so close to home will not only dramatically reduce the daily commute of employees, it will also reduce air pollution. This close proximity of housing and jobs provides more family time for households, cleaner air for our health, and a stronger sense of corporate stewardship to the community and people.

### D. Eastmark Design Theme

The design theme for Eastmark is based on the notion of integrated multi-use development that promotes the best aspects of community living. The manufacturing/employment focus of DU5/6s suggests the area will continue to develop with these types of uses with Elliot Road connecting it to the Gateway Area and Eastmark Parkway and a potential District Street connecting it to the neighborhoods in the heart of Eastmark. While the nature of employment uses in DU5/6s will make it an unlikely setting for community facilities and gathering places, the limited public space that it will have, while highly functional will be designed with its desert setting in mind. Visually welcoming entrances and forecourts connected by shaded walkways will be part of the outdoor rooms and spaces to be experienced.

From a residential perspective, the neighborhood focus of DU5/6s in certain portions will provide a thoughtfully organized yet simple land plan for residential land uses, the integration of the street network, the creation of outdoor rooms and the creation of open space corridors, all in close proximity to employment uses along Elliott Road. Residential uses in this portion of DU 5/6s will primarily be single-family uses with small amounts of multi-family in areas adjacent to employment and commercial. The creation of outdoor rooms and embedded open space corridors throughout the community will be evident in the many neighborhood parks. Open space corridors will be found in the larger lot neighborhoods. Similarly, the tree-lined drives (to

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the extent feasible) will provide the hallways that connect these outdoor rooms together, lined by simple, quality front facades. The road network in the central neighborhoods is designed to encourage walking and cycling. Commercial areas will also be designed to blend with residential areas, primarily through use of substantial open space areas, pedestrian connections and residential lot orientation.



### E. Community Facilities

The neighborhoods of DU5/6s are a likely setting for community facilities and gathering places with larger activities likely occurring in the Eastmark Great Park (areas both within and not part of this DUP). Public safety uses (police and fire) are not anticipated to be located in this area.



### F. Airport Compatibility

Of primary importance to the vision of Eastmark is its proximity to the Airport and providing development that is compatible with its on-going operations. The uses and character described in this DUP for DU6s are intended to be compatible to the needs, growth and expansion of the airport. It was anticipated that the northern area of Eastmark will be developed with uses compatible with airport operations. Section 4.4 A. of the CP outlines ways in which Eastmark could develop that would be compatible with the airport. Exhibits 4.1 and 4.1A of the CP note a 300 acre area in the northeast portion of Eastmark that shall be restricted to golf, open space or developed with uses consistent with the Mixed Use Employment land use category of the Mesa 2025 General Plan. Mixed Use Employment is defined by the City as: **"Areas where a mix of employment uses including Office, Retail, Commercial, and Business Park can be effectively combined in a coordinated**

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**campus environment. Hotels may be allowed in this category. Residential use is not permitted in this category. Appropriate locations offer direct principal arterial and arterial road access, connections to potable water and sanitary sewer, and proximity to public safety services. Mixed Use/Employment areas serve as buffers between principal and arterial roadways and other less intense employment or dense residential areas as well as transitions between other employment and residential designated areas. Mixed Use/Employment areas are located on, and with direct access to principal arterial and arterial streets."** Additionally, Exhibit 4.1 of the CP restricts the ability to construct single-family attached residential uses in the area 1/2 mile south of Elliot Road. Because the CP carefully considers development of the northern area of Eastmark to be an area that could be impacted by aircraft overflights, it was anticipated that development in this area would include commercial and employment uses such as those described by the DUP for DU5/6s.

Exhibit 4.4A also notes that a 75 foot x 660 foot area shall be provided between Ellsworth and Crismon Road at the time a DUP is approved for this area. Until specific users are identified, the exact location is unknown, however, during site plan review of any use in this DU, consideration of this requirement will be made and shown on a site plan.

### G. Neighborhood Compatibility

Eastmark is committed to creating a connected community, which includes insuring that new uses are compatible to our existing neighbors. Section 4.4 B. of the CP outlines the commitments made to ensure such compatibility. Within DU5/6s, measures have been undertaken to make sure new uses are compatible with these restrictions which include the following:

- Buildings will be limited to 40' in height within 150' of the eastern property boundary of Eastmark.
- The existing power line corridor and proposed drainage channel will insure that all buildings are setback at least 40' from Signal Butte Road.
- Uses other than single-family residences within 300' of the eastern boundary will require major site plan review.

## Section 2 Economic Development Statement

In keeping with the original vision for Eastmark to become a Center of Regional Importance, DU5/6s is intended to provide major employment, housing opportunities and neighborhood commercial for individuals who can live and work in the same area and support the planned employment uses in other portions of Eastmark. With the development of the 1.3 million square foot employment and manufacturing facility that will be utilized by a high tech manufacturer, Eastmark is beginning to see the evolution of this area as an employment area. It is anticipated that the this area will be a magnet for other employment and technology related companies, some that will be high-wage employers, others that will be large scale, Fortune 500 companies, all which will contribute to the attractiveness of the area. Several important companies are focused on this area and the City of Mesa, the State of Arizona and the County are all working together to attract and land these uses. Eastmark will be landing spot for some of these use. The focus of DU5/6s is to provide for additional areas for employment as well as residential neighborhoods all which combine to create a lifestyle that can attract and sustain the workforce necessary to support High-tech businesses. Developing intimate and enclave neighborhoods that have at their core small neighborhood parks, open space corridors and an array of housing types; including schools and places of worship to educate and inspire; and facilitating a social network by providing an active community life program by the Eastmark Community Alliance all combine to form a tight, resilient community fabric. This fabric is held together in the central neighborhoods of DU7, DU3s, DU 8 &9, and now DU5/6s by great tree lined streets. DU5/6s will provide a continuation of these central neighborhoods along with major employment uses to the north. DU5/6s takes on a character that includes a combination of employment, commercial and enclave and neighborhood character articulated in DU7. Streets are designed not only for the utilitarian use of moving traffic and refuse pick up, but also to encourage neighbors to get out and walk in their shade. By providing destinations, way points and a comfortable walking environment, residents are routinely called to be themselves a part of the community fabric. Activities as simple as walking to the neighborhood park at the end of the street in the evening to pick up the mail and play with the kids becomes an opportunity to engage with the neighbors. It is this social living and constant opportunity for interaction that attracts the knowledge workers the region needs to compete globally against places like the Pacific Northwest, the Northeast and the Bay area for the best talent and major employers.

### 2.1 Estimated Economic Development Impact – DU5/6 south

The provision of additional employment uses will result in the creation of both construction jobs as well as permanent jobs. Depending on the ultimate user, the number of jobs and wages could vary.

The jobs generated in the employment core of DU5/6s will not only support families in the community, but by keeping the knowledge workers and their families in the community, the jobs will support additional jobs in areas such as: banking, groceries, clothing and dry cleaning, pet care, lawn and home care, home repair and maintenance, fitness and health, entertainment and dining. These additional uses will not only support the employees within DU5/6s, but also enrich the lives of the families living the neighborhoods nearby. Specifics on the actual impacts including job generation rates, salaries, in-direct impact and construction impacts will not be known until a specific user is identified. In addition to employment uses, neighborhood commercial planned for the DU will also contribute to the employment and tax revenues to the City.

Economic impact will also result in the form of the creation of construction jobs for employment, commercial and residential areas. When commercial is developed at Signal Butte and Point Twenty-Two, additional jobs

## DU 5 & 6 South DUP

will be provided. In addition to creating a community to attract knowledge workers, during the construction period, an estimated 200 to 300 jobs will be created.

### Section 3 DU Land Use Plan

The Land Use Plan for DU5/6s includes a combination of employment, commercial and residential. Employment uses are anticipated within an area consisting of approximately 365 acres located at the southeast area of Elliot Road and Eastmark Parkway. This area is anticipated to be developed with large and medium size manufacturing, data centers, offices and/or other employment facilities. The uses may also include solar panel fields, retention basins, electrical substations, and parking fields surrounding generally large building masses with smaller out buildings and equipment in yards. The land use plan and building forms will be similar to the character described in the CP's LUG C – Regional Center/Campus.

Use adjacent to employment areas to the west (DU 1 & DU 2) and to the south will be planned to provide appropriate transitions (such as setbacks, landscaping, walls, berming, building orientation, land planning and street network). In order to allow for transitions, LUG UC – Urban Core, LUG GU – General Urban and LUG D – District have been shown on the western portions of DU5/6s in order to provide for the ability to transition to DU 1 and DU 2. Additional consideration of transitions can occur at the time of site plan or subdivision plat approval for the remaining portions of DU5 and DU6 and development patterns in DU 1 and DU 2 are considered.

Residential areas within DU5/6s are primarily dominated by central and enclave neighborhoods with multi-family uses in small areas adjacent to employment uses with non-residential use planned at Signal Butte Road and Point Twenty-Two Boulevard. The residential neighborhoods will be linked to each other, to neighborhood parks and community destinations and to the Eastmark Great Park through a variety of open spaces links including pathways along streets and in the open space interface area. These neighborhoods will primarily include neighborhood parks and open space corridors, social gathering spaces, recreation areas, and single and multi family uses. Gated enclaves may also be included within these neighborhoods. Neighborhood serving commercial planned for the Signal Butte activity core is intended to provide basic commercial needs for residents in the area. The land use plan and building forms will be similar to the character described in the CP's LUG E – Estate, LUG V – Village, LUG CS – Civic, LUG OS – Open Space, and LUG D – District. Additionally, a portion of DU5/6s that is adjacent to DU6n allows for greater density residential and non-residential with open space areas shown for the area coinciding with Phase 5 of the Eastmark Great Park.

### 3.1 Street Types

Street Types as described in Section 10.7 – Street Types of the CP, are not road classifications or cross sections, but rather an urban form designation. In DU5/6s, the street types for public roadways will generally be as shown on **Exhibit 3.1 – Street Types**.

#### A. Arterial Types

Elliot Road and Signal Butte Road are Arterial – very high volume vehicular traffic streets with little pedestrian activity moving along the length of the street.

## DU 5 & DU 6 South DUP

### B. Primary Types

The streets internal to DU5/6s will typically be public, but some may be private and gated. Neighborhood streets will include Primary and Secondary types. Primary types will be most predominate street type in the interior of DU5/6s – intended to connect the individual homes and buildings. The internal, local streets will be as narrow as the City will allow to encourage slower traffic and to create connected routes for cars, bikes and pedestrians within DU5/6s. If internal roads are private, they may be gated.

### C. Secondary Types

Secondary types are generally connector or supporting streets between other street types with variation in pedestrian and automobile traffic. Point Twenty-Two Boulevard on the south and Eastmark Parkway on the West are Two-Way Four Lane District Streets and will be Secondary type. They will have varying pedestrian activity and may have some uses fronting the roadway along them. Adjacent uses can be encouraged to engage these streets, but this may not be possible with most residential uses.

The street shown between DU5/6s and DU6n is Rubidium Avenue. The area north is developing with large scale uses. Additionally, depending on the pattern of development within DU5/6s, additional roadways and access points may penetrate this area to provide additional connections.

### D. Service Types

The streets and driveways (roadways, driveways and access) internal to the portions of DU5/6s designated for employment will likely be private streets, and not generally accessible to the public. The internal streets and/or drives will also provide access across the DU for users on-site. The internal streets are primarily Service types – intended to handle the service needs and vehicle access. The internal streets will provide access to the parking lots, buildings, and truck staging and loading areas. Internal streets may be gated and/or secured to allow only users and guests to access the internal areas of the DU.

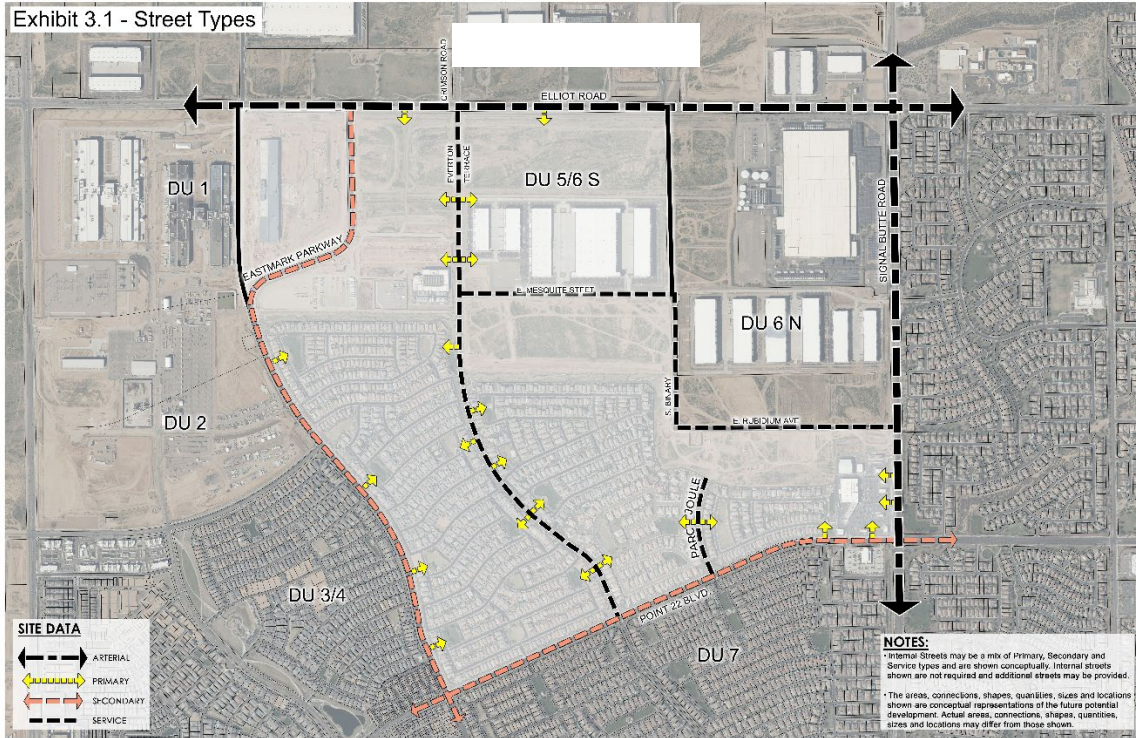
Rubidium Avenue, Binary, Mesquite, Everton Terrace and Parc Joule will be Service type streets with a Neighborhood Street cross section. Everton Terrace and Parc Joule will continue north from DU7 into DU5/6s, may have low vehicular traffic volumes and will provide automotive connectivity to the surrounding neighborhoods as “back-ways in”. While these streets may have vehicle traffic, they will not have a tight urban interaction at the street level because of the uses on either side. These streets may be paralleled by local residential streets (primary and secondary types) that will provide far better pedestrian walking environments connecting parks and fronts of homes. However, sidewalks to circulate pedestrians along these roadways will be provided on both sides.

Service and Secondary Street types (with Neighborhood Street cross sections) will generally provide access from Point Twenty-Two and Eastmark Parkway into the DU. These entry streets will generally not have uses fronting them and often will take on the form of a narrow, landscaped throat into the neighborhood.

Other Service type streets that may be developed could include private streets or alleys. These streets, alleys or drive aisles, when present will likely have little to no pedestrian traffic and may not have sidewalks depending on the context. These may have walkable service yards or trash enclosures fronting the street.

# DU 5 & 6 South DUP

## Exhibit 3.1 – Street Types



## DU 5 & DU 6 South DUP


### 3.2 LUG Locations

DU 5/6s shall be comprised of the following Land Use Group (LUGs): Regional Center/Campus (C), Retreat (R), Urban Core (UC), General Urban (GU), Estate (E); Village (V); District (D); Open Space (OS); and Civic Space (CS) all consistent with the CP. LUG C will be the pre-dominate LUG within the northern portion DU5/6s. **Residential uses shall not be permitted within the area located ½ mile south of Elliot Road.**

#### A. LUG C – Regional Center/Campus

Within DU5/6s, LUG C – Regional Center/Campus may be applied anywhere as shown on **Exhibit 3.3 – LUG C – Regional Center/Campus.**

**Exhibit 3.2 – LUG C – Regional Center / Campus Summary**

<b>LUG C – Regional Center / Campus</b>																									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>General Character</b></td> <td>Consistent with CP</td> </tr> <tr> <td style="text-align: center;"><b>Typical Uses**</b></td> <td>Typical Uses within LUG C shall be consistent with those outlined in the CP, particularly manufacturing including light industrial, office, research and development, assembly, testing and storage, electrical substation and other such uses. Wireless Cell Phone Towers for public use shall not be permitted. Wireless Communication Facilities / Cell Towers for private use shall be permitted. Single family Residential shall not be permitted within the area located ½ miles south of Elliot Road.</td> </tr> <tr> <td style="text-align: center;"><b>Typical Building Height*</b></td> <td>Consistent with CP</td> </tr> <tr> <td style="text-align: center;"><b>Maximum Building Height*</b></td> <td>150'</td> </tr> <tr> <td style="text-align: center;"><b>Minimum Lot/Parcel Size*</b></td> <td>Consistent with CP</td> </tr> <tr> <td style="text-align: center;"><b>Maximum Residential Density*</b></td> <td>0 dwelling units per gross acre</td> </tr> <tr> <td style="text-align: center;"><b>Floor Area Ratio (FAR) Range*</b></td> <td>Consistent with CP</td> </tr> <tr> <td style="text-align: center;"><b>Minimum Lot/Parcel Width/Depth*</b></td> <td>Consistent with CP</td> </tr> <tr> <td style="text-align: center;"><b>Building Setbacks – Street**</b></td> <td>Setbacks shall be consistent with CP. Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.****</td> </tr> <tr> <td style="text-align: center;"><b>Building Setbacks – Rear/Side*</b></td> <td>Consistent with CP****</td> </tr> <tr> <td style="text-align: center;"><b>Building Setbacks – Service Lane*</b></td> <td>Consistent with CP****</td> </tr> <tr> <td style="text-align: center;"><b>Block Character</b></td> <td>Consistent with CP</td> </tr> </table>	<b>General Character</b>	Consistent with CP	<b>Typical Uses**</b>	Typical Uses within LUG C shall be consistent with those outlined in the CP, particularly manufacturing including light industrial, office, research and development, assembly, testing and storage, electrical substation and other such uses. Wireless Cell Phone Towers for public use shall not be permitted. Wireless Communication Facilities / Cell Towers for private use shall be permitted. Single family Residential shall not be permitted within the area located ½ miles south of Elliot Road.	<b>Typical Building Height*</b>	Consistent with CP	<b>Maximum Building Height*</b>	150'	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP	<b>Maximum Residential Density*</b>	0 dwelling units per gross acre	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP	<b>Building Setbacks – Street**</b>	Setbacks shall be consistent with CP. Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.****	<b>Building Setbacks – Rear/Side*</b>	Consistent with CP****	<b>Building Setbacks – Service Lane*</b>	Consistent with CP****	<b>Block Character</b>	Consistent with CP
	<b>General Character</b>	Consistent with CP																							
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	<b>Maximum Building Height*</b>	150'																							
	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP																							
	<b>Maximum Residential Density*</b>	0 dwelling units per gross acre																							
	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP																							
	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP																							
	<b>Building Setbacks – Street**</b>	Setbacks shall be consistent with CP. Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.****																							
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	<b>Building Setbacks – Service Lane*</b>	Consistent with CP****																							
<b>Block Character</b>	Consistent with CP																								

## DU 5 & 6 South DUP

	<b>Circulation Character</b>	Circulation Character in DU5/6s shall be consistent with the description found in the CP.
	<b>Service Areas</b>	Consistent with CP
	<b>Landscape Character</b>	Landscape Character in DU5/6s shall be consistent with the description found in the CP. The landscape planting shall generally be formal to complement the design of the use, except in retention or large open space areas where it may retain its naturalistic character. Surface parking areas may push their landscape requirements to the edges of the parking field to entirely screen the parking fields from adjacent public areas. This may be done as an alternative to visually reduce the overall size of the fields. This alternative can be considered at the time of site plan review. In this way, landscaping can more effectively and efficiently be used to provide an aesthetic buffer along the streetscape. Such parking areas shall be screened from public view by depressing the parking areas, built structures or heavy vegetation screens that keep their foliage year-round. Due to the fast growing nature of desert trees, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.
	<b>Lighting Character***</b>	Consistent with CP
	<b>Signage Character</b>	Consistent with CP

\*For details refer to Exhibit 7.32 - Land Use Group General Development Standards of the CP

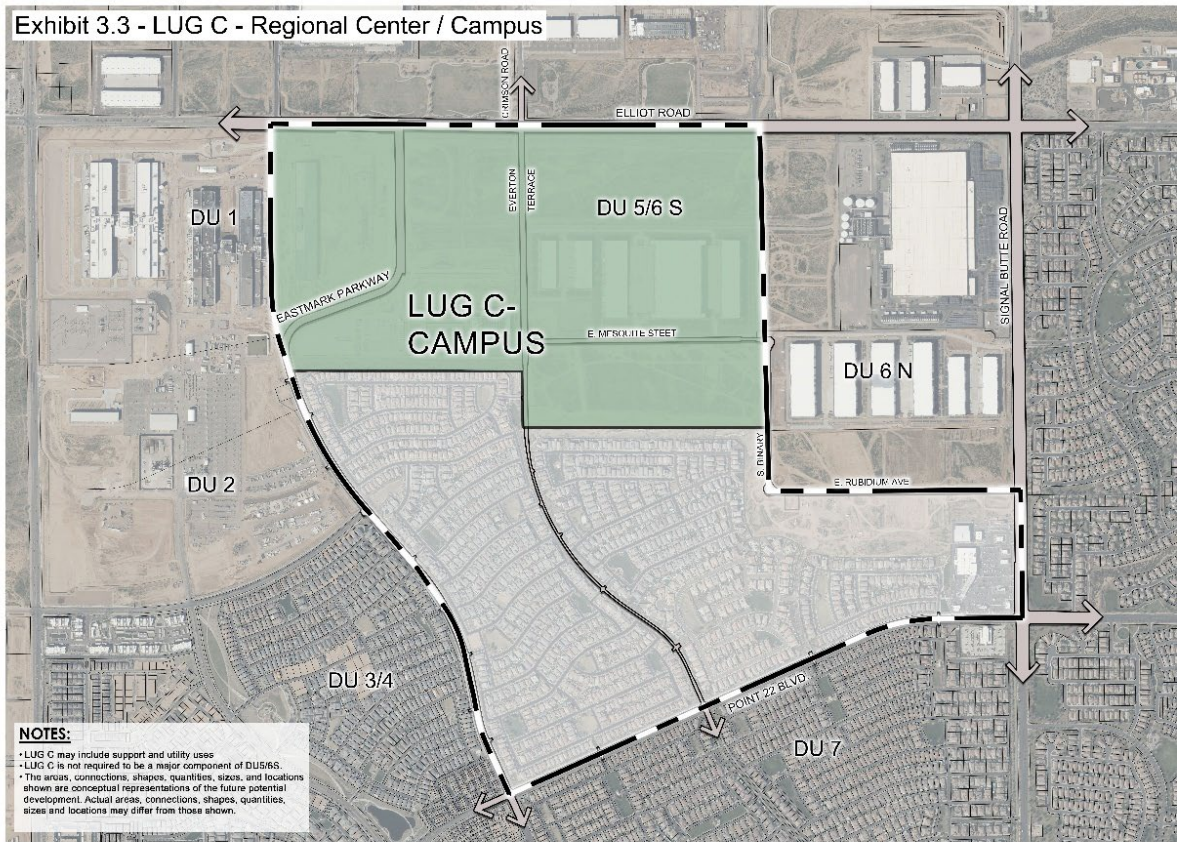
\*\* For details refer to Section 7.16 - Permitted Uses of the CP

\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15 of the CP

\*\*\*\* DU5/6s Setbacks shall apply to buildings as well as perimeter/security fencing more than forty-two (42) inches in height. For purposes of the Supplementary Provisions of the CP, the front yard shall be defined as the first condition outlined in the CP's Definition of Terms, "The physical void created by setbacks." Fencing at the perimeter (but not within the Building Setbacks – Street) shall generally be limited to a single story height and shall be designed as an integral part of the landscape and shall not be limited to forty-two (42) inches in height if acceptable as part of the site plan review process and if necessary for security and screening purposes. It is anticipated that these fences may exceed eight feet in height to discourage the general public from using the internal portions of the DU.

# DU 5 & DU 6 South DUP

## Exhibit 3.3 – LUG C – Regional Center/Campus

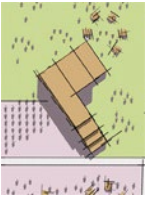


## DU 5 & 6 South DUP

### B. LUG R – Retreat

Within DU5/6s, LUG R may be applied anywhere shown on **Exhibit 3.5 – LUG R – Retreat**. LUG R is not required to be a component of DU5/6s.

#### Exhibit 3.4 – LUG R – Retreat Summary

<b>LUG R – Retreat</b>		
	<b>General Character</b>	Consistent with CP
	<b>Typical Uses**</b>	Consistent with CP
	<b>Typical Building Height*</b>	Consistent with CP
	<b>Maximum Building Height*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP
	<b>Maximum Residential Density*</b>	Consistent with CP
	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP
	<b>Building Setbacks – Street*</b>	Consistent with CP Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.****
	<b>Building Setbacks – Rear/Side*</b>	Consistent with CP****
	<b>Building Setbacks – Service Lane*</b>	Consistent with CP****
	<b>Block Character</b>	Consistent with CP
	<b>Circulation Character</b>	Consistent with CP
	<b>Service Areas</b>	Consistent with CP
	<b>Landscape Character</b>	Consistent with CP
<b>Lighting Character***</b>	Consistent with CP	
<b>Signage Character</b>	Consistent with CP	

\*For details refer to Exhibit 7.32 - Land Use Group General Development Standards

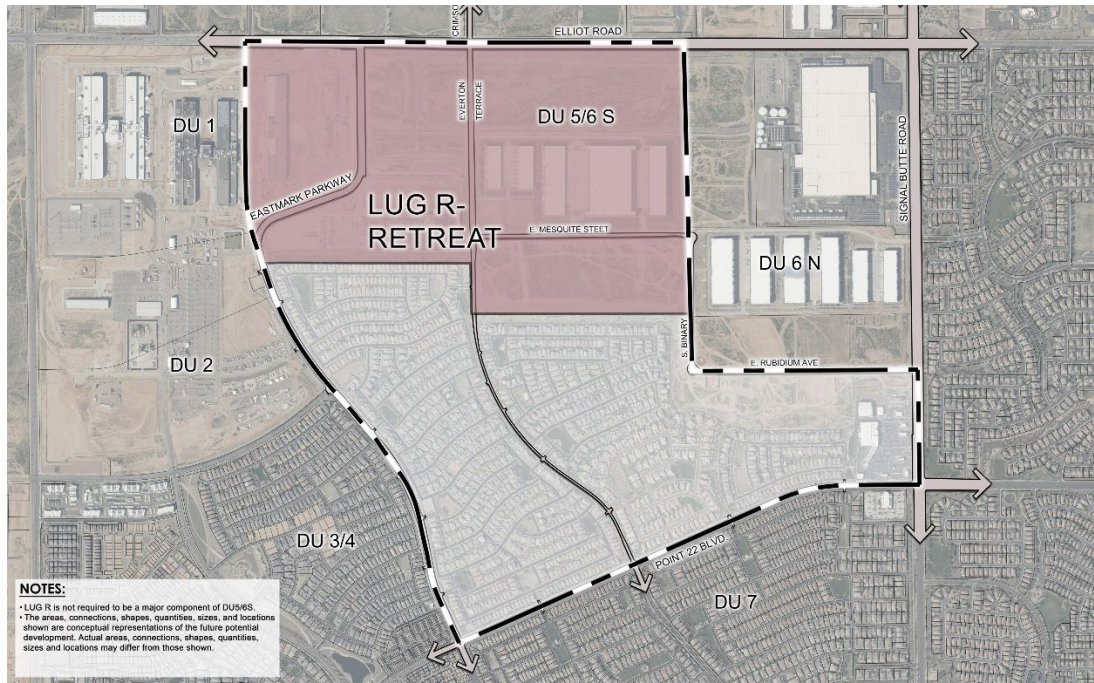
\*\* For details refer to Section 7.16 - Permitted Uses

\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15

\*\*\*\* DU5/6s Setbacks shall apply to buildings as well as perimeter/security fencing more than forty-two (42) inches in height. For purposes of the Supplementary Provisions of the CP, the front yard shall be defined as the first condition outlined in the CP's Definition of Terms, "The physical void created by setbacks." Fencing at the perimeter (but not within the Building Setbacks – Street) shall generally be limited to a single story height and shall be designed as an integral part of the landscape and shall not be limited to forty-two (42) inches in height. It is anticipated that these fences may exceed eight feet in height to discourage the general public from using the internal portions of the DU.

# DU 5 & DU 6 South DUP

## Exhibit 3.5 – LUG R – Retreat




## DU 5 & 6 South DUP

### C. LUG GU – General Urban

Within DU5/6s, LUG GU may be applied anywhere as shown on **Exhibit 3.7 – LUG GU – General Urban**. LUG GU is not required in DU5/6s.

**Exhibit 3.6 – LUG GU – General Urban Summary**

<b>LUG GU – General Urban</b>		
	<b>General Character***</b>	Consistent with CP
	<b>Typical Uses**</b>	Consistent with CP
	<b>Typical Building Height*</b>	Consistent with CP
	<b>Maximum Building Height*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP
	<b>Maximum Residential Density*</b>	Consistent with CP
	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP
	<b>Building Setbacks – Street*</b>	Consistent with CP. Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.***** (i.e. community or privacy yard walls)
	<b>Building Setbacks – Rear/Side*</b>	Consistent with CP *****
	<b>Building Setbacks – Service Lane*</b>	Consistent with CP *****
	<b>Block Character</b>	Consistent with CP
	<b>Circulation Character</b>	Consistent with CP. The urban fabric may be extended with visual and pedestrian connections, and not always with through vehicular streets.
	<b>Service Areas</b>	Consistent with CP
	<b>Landscape Character</b>	Consistent with CP. Due to the fast growing nature of desert trees, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.
<b>Lighting Character****</b>	Consistent with CP	
<b>Signage Character</b>	Consistent with CP	

\* For details refer to **Exhibit 7.32** - Land Use Group General Development Standards of the CP

\*\* For details refer to Section 7.16 - Permitted Uses of the CP

\*\*\* Refer to Section 4.4 – Airport and Neighborhood Compatibility Provisions for additional regulations for this LUG of the CP

\*\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15 of the CP

\*\*\*\*\* See Exhibit 3.17 - Wall Placement

# DU 5 & DU 6 South DUP

## Exhibit 3.7 – LUG GU – General Urban




## DU 5 & 6 South DUP

### D. LUG UC – Urban Core

Within DU5/6s, LUG UC may be applied anywhere as shown on **Exhibit 3.9 – LUG UC – Urban Core**. LUG UC is not required in DU5/6s.

**Exhibit 3.8 – LUG UC – Urban Core Summary**

<b>LUG UC – Urban Core</b>		
	<b>General Character***</b>	Consistent with CP
	<b>Typical Uses**</b>	Consistent with CP
	<b>Typical Building Height*</b>	Consistent with CP
	<b>Maximum Building Height*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP
	<b>Maximum Residential Density*</b>	Consistent with CP
	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP
	<b>Building Setbacks – Street*</b>	Consistent with CP Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.***** (i.e. community or privacy yard walls)
	<b>Building Setbacks – Rear/Side*</b>	Consistent with CP *****
	<b>Building Setbacks – Service Lane*</b>	Consistent with CP *****
	<b>Block Character</b>	Consistent with CP
	<b>Circulation Character</b>	Consistent with CP The urban fabric may be extended with visual and pedestrian connections, and not always with through vehicular streets.
	<b>Service Areas</b>	Consistent with CP
	<b>Landscape Character</b>	Consistent with CP. Due to the fast growing nature of desert trees, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.
	<b>Lighting Character****</b>	Consistent with CP
<b>Signage Character</b>	Consistent with CP	

\* For details refer to **Exhibit 7.32** - Land Use Group General Development Standards of the CP

\*\* For details refer to Section 7.16 - Permitted Uses of the CP

\*\*\* Refer to Section 4.4 – Airport and Neighborhood Compatibility Provisions for additional regulations for this LUG of the CP

\*\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15 of the CP

\*\*\*\*\* See Exhibit 3.17 - Wall Placement

# DU 5 & DU 6 South DUP

## Exhibit 3.9 – LUG UC – Urban Core




## DU 5 & 6 South DUP

### E. LUG E – Estate

Within DU5/6s, LUG E may be applied anywhere within the area shown on **Exhibit 3.11 – LUG E – Estate**. LUG E is not required in DU5/6s.

**Exhibit 3.10 – LUG E – Estate Summary**

LUG E – Estate		
	<b>General Character***</b>	Consistent with CP
	<b>Typical Uses**</b>	Consistent with CP
	<b>Typical Building Height*</b>	Consistent with CP
	<b>Maximum Building Height*</b>	Consistent with CP, limited to 40' within 150' of Signal Butte Road
	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP
	<b>Maximum Residential Density*</b>	Consistent with CP
	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP
	<b>Building Setbacks – Street*</b>	Consistent with CP Fencing/Walls higher than forty-two (42) inches tall may be constructed behind the minimum Building Setback area.***** (i.e. community or privacy yard walls)
	<b>Building Setbacks – Rear/Side*</b>	Consistent with CP *****
	<b>Building Setbacks – Service Lane*</b>	Consistent with CP *****
	<b>Block Character</b>	Consistent with CP
	<b>Circulation Character</b>	Consistent with CP The urban fabric may be extended with visual and pedestrian connections, and not always with through vehicular streets. Open space corridors may be located behind homes and contain pedestrian links.
	<b>Service Areas</b>	Consistent with CP
	<b>Landscape Character</b>	Landscape Character in DU5/6s shall be consistent with the description found in the CP. Due to the fast growing nature of desert trees, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.
<b>Lighting Character*****</b>	Consistent with CP	
<b>Signage Character</b>	Consistent with CP	

\* For details refer to **Exhibit 7.32** - Land Use Group General Development Standards of the CP

\*\* For details refer to Section 7.16 - Permitted Uses of the CP

## DU 5 & DU 6 South DUP

\*\*\* Refer to Section 4.4 – Airport and Neighborhood Compatibility Provisions for additional regulations for this LUG of the CP

\*\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15 of the CP

\*\*\*\*\* DU5/6s Setbacks shall apply to buildings as well as perimeter/security fencing more than forty-two (42) inches in height. For purposes of the Supplementary Provisions of the CP, the front yard shall be defined as the first condition outlined in the CP's Definition of Terms, "The physical void created by setbacks." Fencing at the perimeter (but not within the Building Setbacks – Street) shall generally be limited to a single story height and shall be designed as an integral part of the landscape and shall not be limited to forty-two (42) inches in height. It is anticipated that these fences will not exceed eight feet in height and are intended to provide privacy and security to the internal portions of the DU.

# DU 5 & 6 South DUP

## Exhibit 3.11 – LUG E – Estate




## DU 5 & DU 6 South DUP

### F. LUG V- Village

Within DU5/6s, LUG V – Village may be applied anywhere as shown on **Exhibit 3.13 – LUG V – Village**.

**Exhibit 3.12 – LUG V – Village Summary**

<b>LUG V – Village</b>		
	<b>General Character***</b>	Consistent with CP
	<b>Typical Uses**</b>	Consistent with CP
	<b>Typical Building Height*</b>	Consistent with CP
	<b>Maximum Building Height*</b>	Consistent with CP limited to 40' within 150' of Signal Butte Road
	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP
	<b>Maximum Residential Density*</b>	Consistent with CP
	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP
	<b>Building Setbacks – Street*</b>	Consistent with CP Fencing/Walls higher than forty-two (42) inches tall may be constructed behind the minimum Building Setback area.***** (i.e. community or privacy yard walls)
	<b>Building Setbacks – Rear/Side*</b>	Consistent with CP*****
	<b>Building Setbacks – Service Lane*</b>	Consistent with CP*****
	<b>Block Character</b>	Consistent with CP Two-way streets may be used around parks and plazas to accommodate fire concerns.
	<b>Circulation Character</b>	Consistent with CP The urban fabric may be extended with visual and pedestrian connections, and not always with through vehicular streets.
	<b>Service Areas</b>	Consistent with CP
	<b>Landscape Character</b>	Landscape Character in DU5/6s shall be consistent with the description found in the CP. Due to the fast growing nature of desert trees, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.
<b>Lighting Character****</b>	Consistent with CP	
<b>Signage Character</b>	Consistent with CP	

\* For details refer to **Exhibit 7.32** - Land Use Group General Development Standards of the CP

\*\* For details refer to Section 7.16 - Permitted Uses of the CP

\*\*\* Refer to Section 4.4 – Airport and Neighborhood Compatibility Provisions for additional regulations for this LUG of the CP

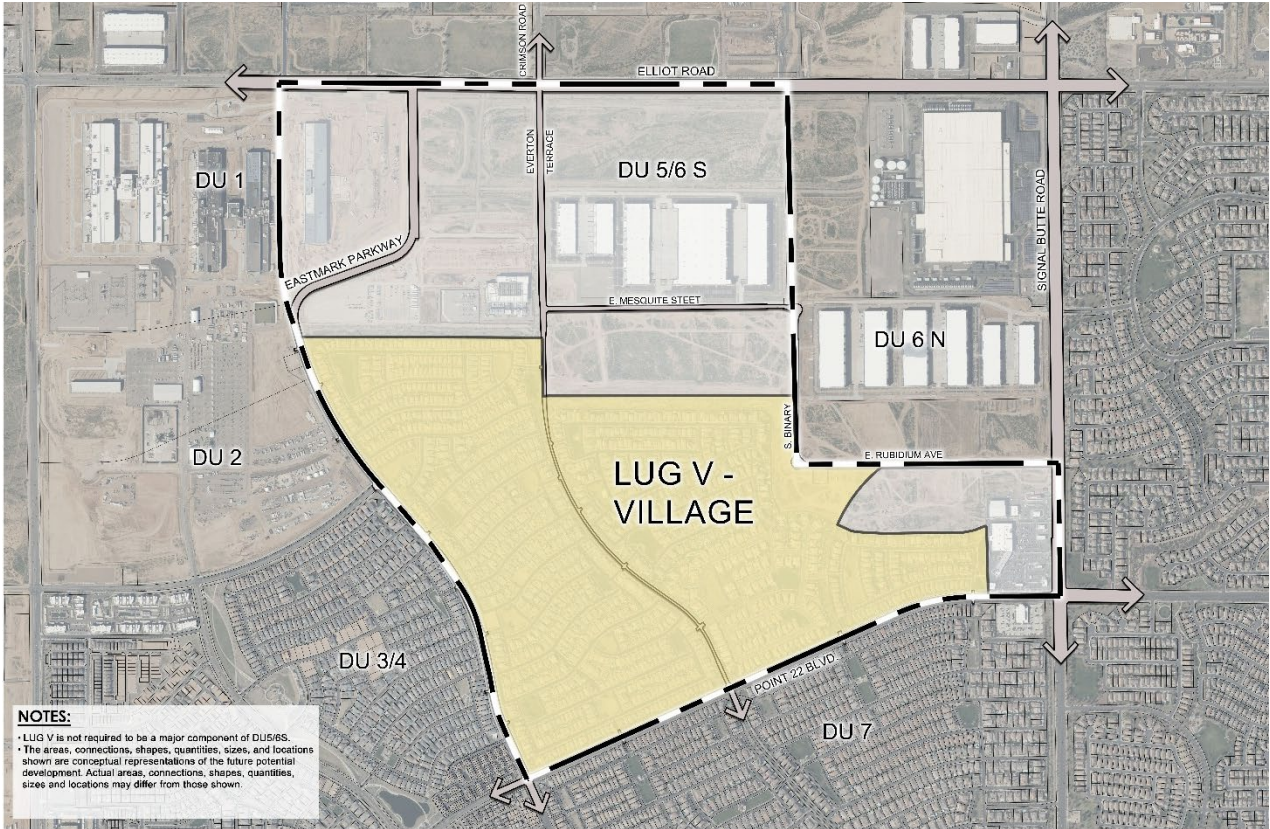
## DU 5 & 6 South DUP

\*\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15 of the CP

\*\*\*\*\* DU5/6s Setbacks shall apply to buildings as well as perimeter/security fencing more than forty-two (42) inches in height. For purposes of the Supplementary Provisions of the CP, the front yard shall be defined as the first condition outlined in the CP's Definition of Terms, "The physical void created by setbacks." Fencing at the perimeter (but not within the Building Setbacks – Street) shall generally be limited to a single-story height; shall be designed as an integral part of the landscape and shall not be limited to forty-two (42) inches in height. These fences will not exceed eight feet in height and are intended to provide privacy and security to the internal portions of the DU.

# DU 5 & DU 6 South DUP

## Exhibit 3.13 – LUG V – Village

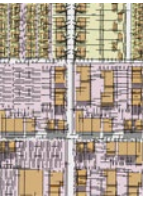


## DU 5 & 6 South DUP

G. LUG D – District

Within DU5/6s, LUG D may be applied anywhere as shown on **Exhibit 3.15 – LUG D – District**. LUG D is not required in DU5/6s.

**Exhibit 3.14 – LUG D – District Summary**

<b>LUG D – District</b>		
	<b>General Character***</b>	Consistent with CP
	<b>Typical Uses**</b>	Consistent with CP
	<b>Typical Building Height*</b>	Consistent with CP
	<b>Maximum Building Height*</b>	Consistent with CP, limited to 40' within 150' of Signal Butte Road
	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP
	<b>Maximum Residential Density*</b>	Consistent with CP
	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP
	<b>Building Setbacks – Street*</b>	Consistent with CP Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.***** (i.e. community or privacy yard walls)
	<b>Building Setbacks – Rear/Side*</b>	Consistent with CP *****
	<b>Building Setbacks – Service Lane*</b>	Consistent with CP *****
	<b>Block Character</b>	Consistent with CP Two-way streets may be used around parks and plazas to accommodate fire concerns.
	<b>Circulation Character</b>	Consistent with CP The urban fabric may be extended with visual and pedestrian connections, and not always with through vehicular streets.
	<b>Service Areas</b>	Consistent with CP
	<b>Landscape Character</b>	Landscape Character in DU5/6s shall be consistent with the description found in the CP. Due to the fast growing nature of desert trees, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.
<b>Lighting Character*****</b>	Consistent with CP	
<b>Signage Character</b>	Signage Character within the LUG D shall be consistent with the CP. Signage maybe placed in DU5/6s along Point Twenty-Two and Signal Butte to advertise the uses in the LUG D areas of DU5/6s.	

\* For details refer to **Exhibit 7.32** - Land Use Group General Development Standards of the CP

## DU 5 & DU 6 South DUP

\*\* For details refer to Section 7.16 - Permitted Uses of the CP

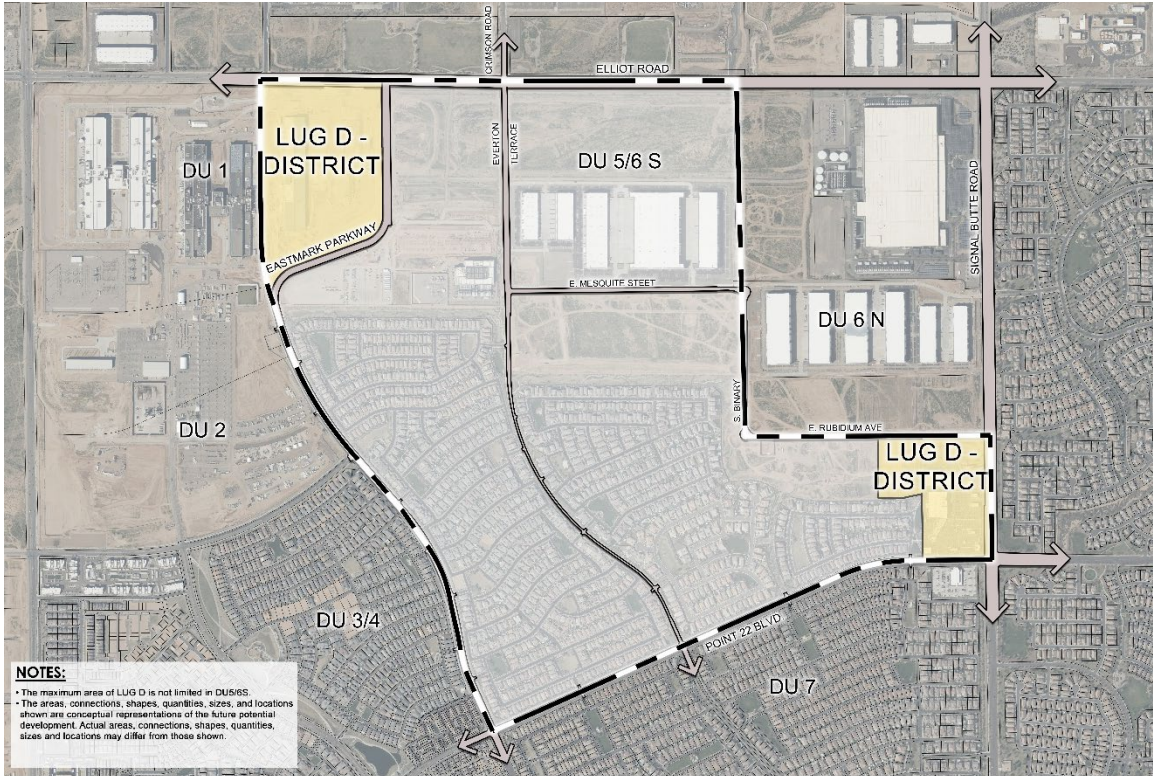
\*\*\* Refer to Section 4.4 – Airport and Neighborhood Compatibility Provisions for additional regulations for this LUG of the CP

\*\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15 of the CP.

\*\*\*\*\* DU5/6s Setbacks shall apply to buildings as well as perimeter/security fencing more than forty-two (42) inches in height. For purposes of the Supplementary Provisions of the CP, the front yard shall be defined as the first condition outlined in the CP's Definition of Terms, "The physical void created by setbacks." Fencing at the perimeter (but not within the Building Setbacks – Street) shall generally be limited to a single story height and shall be designed as an integral part of the landscape and shall not be limited to forty-two (42) inches in height. These fences will not exceed eight feet in height and are intended to discourage the general public from using the internal portions of the DU.

# DU 5 & 6 South DUP

## Exhibit 3.15 – LUG D – District

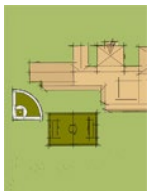


## DU 5 & DU 6 South DUP

### H. LUG CS – Civic Space

Within DU5/6s, LUG CS – Civic Space may be applied anywhere as shown on **Exhibit 3.17 – LUG CS – Civic Space**. LUG CS is not required to be a major component of DU5/6s.

**Exhibit 3.16 – LUG CS – Civic Space Summary**

<b>LUG CS – Civic Space</b>	
	<p><b>General Character</b></p> <p>The General Character within the LUG CS areas of DU5/6s shall be consistent with the character described in the CP. While many of the images in the CP of the LUG CS character show the character of the iconic and civic buildings that can be included in the LUG, in DU5/6s it is anticipated that the support uses will often be screened from public view with the landscape (plants, walls or other built structures). Structures will generally be more utilitarian and less culturally important.</p>
	<p><b>Typical Uses**</b></p> <p>Typical Uses within LUG CS areas of DU5/6s shall be consistent with those outlined in the CP, particularly civic uses and service and maintenance buildings and other such uses. Residential, Office, Retail, Educational uses as outlined in Exhibit 7.38 – Permitted Uses of the CP shall not be allowed. Similarly, Transit Terminals and Wireless Cell Phone Towers for public use shall not be permitted. Wireless Communication Facilities/Cell Towers for private use shall be permitted. It is anticipated that uses such as open space, landscaping, drainage, solar panel fields, substations, and parking may be included in areas designated as LUG CS.</p>
	<p><b>Typical Building Height*</b></p> <p>Consistent with CP</p>
	<p><b>Maximum Building Height*</b></p> <p>50', limited to 40' within 150' of Signal Butte Road</p>
	<p><b>Minimum Lot/Parcel Size*</b></p> <p>Consistent with CP</p>
	<p><b>Maximum Residential Density*</b></p> <p>Consistent with CP</p>
	<p><b>Floor Area Ratio (FAR) Range*</b></p> <p>Consistent with CP</p>
	<p><b>Minimum Lot/Parcel Width/Depth*</b></p> <p>Consistent with CP</p>
	<p><b>Building Setbacks – Street*</b></p> <p>Consistent with CP Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.****</p>
	<p><b>Building Setbacks – Rear/Side*</b></p> <p>Consistent with CP****</p>
<p><b>Building Setbacks – Service Lane*</b></p> <p>Consistent with CP****</p>	

## DU 5 & 6 South DUP

	<b>Block Character</b>	Consistent with CP
	<b>Circulation Character</b>	Consistent with CP
	<b>Service Areas</b>	Consistent with CP
	<b>Landscape Character</b>	Landscape Character in DU5/6s shall be consistent with the description found in the CP. The landscape planting shall generally be formal to complement the design of the use, except in retention or large open space areas where it may retain its naturalistic character. Surface parking areas may push their landscape requirements to the edges of the parking field to entirely screen the parking fields from adjacent public areas. This may be done as an alternative to visually reduce the overall size of the fields. In this way, landscaping can more effectively and efficiently be used to provide an aesthetic buffer along the streetscape. Such parking areas shall be screened from public view by depressing the parking areas, built structures or heavy vegetation screens that keep their foliage year-round. Due to the fast growing nature of desert trees, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.
	<b>Lighting Character***</b>	Consistent with CP
	<b>Signage Character</b>	Consistent with CP

\*For details refer to Exhibit 7.32 - Land Use Group General Development Standards

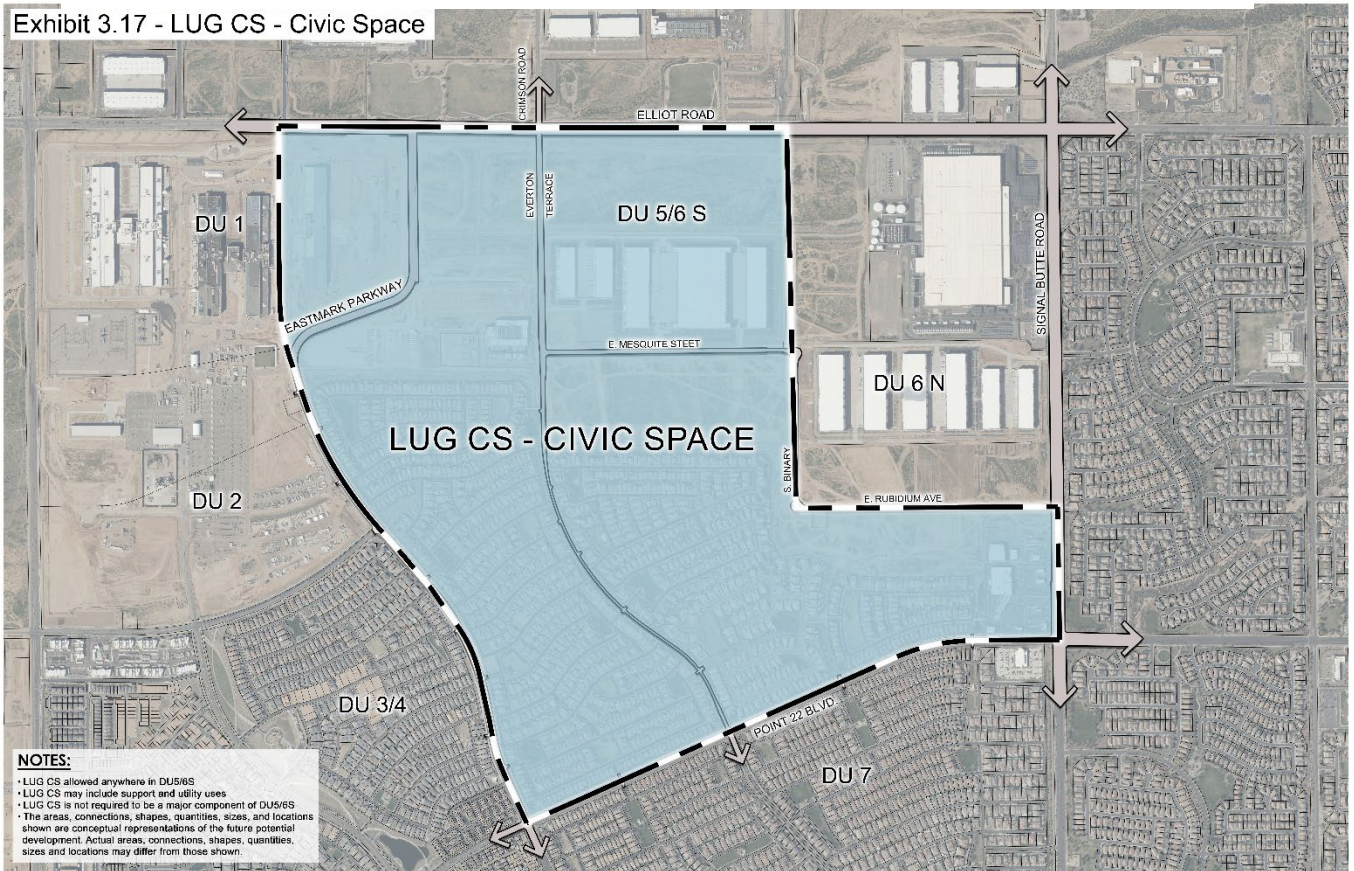
\*\* For details refer to Section 7.16 - Permitted Uses

\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15

\*\*\*\* DU5/6s Setbacks shall apply to buildings as well as perimeter/security fencing more than forty-two (42) inches in height. For purposes of the Supplementary Provisions of the CP, the front yard shall be defined as the first condition outlined in the CP's Definition of Terms, "The physical void created by setbacks." Fencing at the perimeter (but not within the Building Setbacks – Street) shall generally be limited to a single story height and shall be designed as an integral part of the landscape and shall not be limited to forty-two (42) inches in height. These fences will not exceed eight feet in height and are intended to discourage the general public from using the internal portions of the DU.

# DU 5 & DU 6 South DUP

## Exhibit 3.17 – LUG CS – Civic Space




## DU 5 & 6 South DUP

### I. LUG OS – Open Space

Within DU5/6s, LUG OS may be applied anywhere shown on **Exhibit 3.19 – LUG OS – Open Space**. LUG OS is not required to be a major component of DU5/6s.

**Exhibit 3.18 – LUG OS – Open Space Summary**

<b>LUG OS – Open Space</b>		
	<b>General Character</b>	While many of the images in the CP of the LUG OS character show the character of the recreation and garden landscape that can be included in the LUG, in DU5/6s it is anticipated that the uses will often be more open landscapes or private recreational uses.
	<b>Typical Uses**</b>	Typical Uses within LUG OS areas of DU5/6s shall be consistent with those outlined in the CP.
	<b>Typical Building Height*</b>	Consistent with CP
	<b>Maximum Building Height*</b>	Consistent with CP, limited to 40' within 150' of Signal Butte Road
	<b>Minimum Lot/Parcel Size*</b>	Consistent with CP
	<b>Maximum Residential Density*</b>	Consistent with CP
	<b>Floor Area Ratio (FAR) Range*</b>	Consistent with CP
	<b>Minimum Lot/Parcel Width/Depth*</b>	Consistent with CP
	<b>Building Setbacks – Street*</b>	Consistent with CP Fencing/Walls higher than forty-two (42) inches tall may be constructed outside of the minimum Building Setback area.****
	<b>Building Setbacks – Rear/Side*</b>	Consistent with CP****
	<b>Building Setbacks – Service Lane*</b>	Consistent with CP****
	<b>Block Character</b>	Consistent with CP
	<b>Circulation Character</b>	Street forms may complement or take the form of adjacent LUGs.
	<b>Service Areas</b>	Consistent with CP
<b>Landscape Character</b>	Landscape Character in DU5/6s shall be consistent with the description found in the CP. Due to the fast growing nature of desert trees, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.	
<b>Lighting Character***</b>	Consistent with CP	
<b>Signage Character</b>	Consistent with CP	

## DU 5 & DU 6 South DUP

\*For details refer to Exhibit 7.32 - Land Use Group General Development Standards

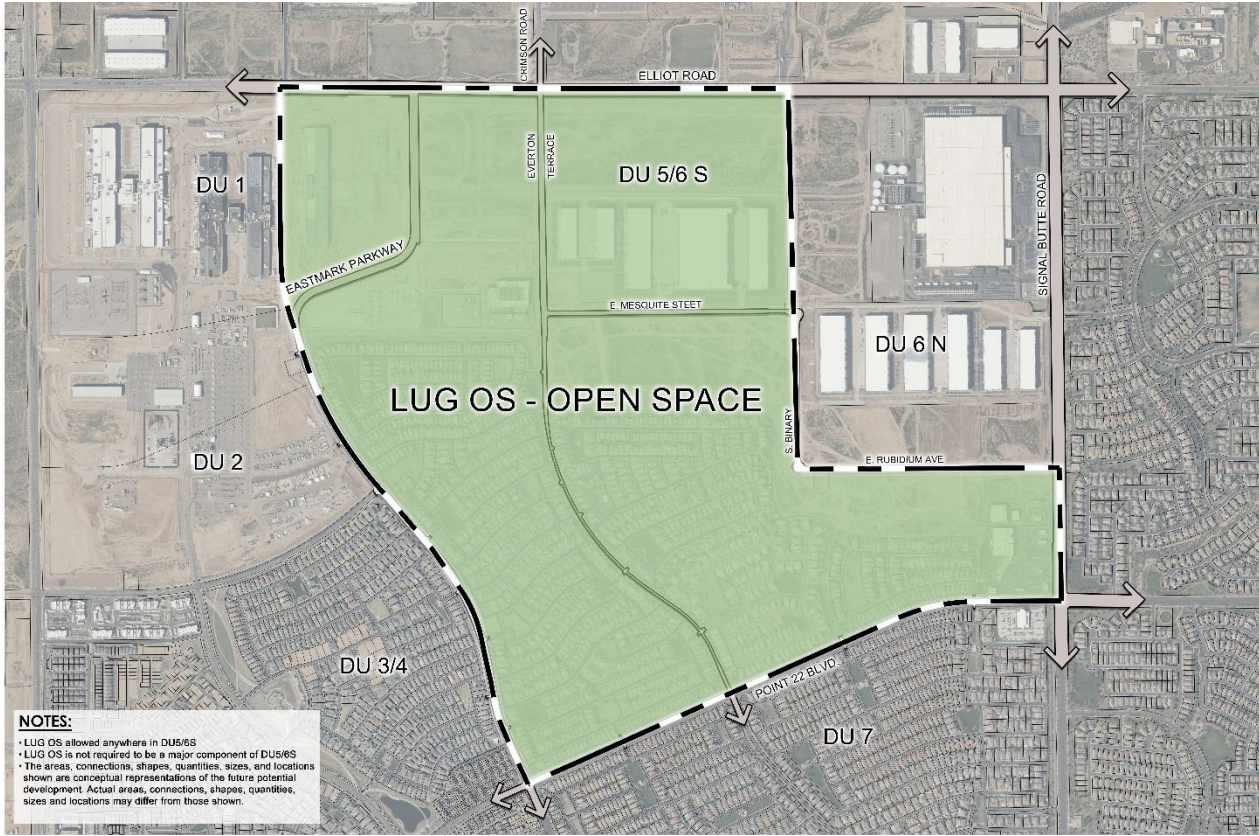
\*\* For details refer to Section 7.16 - Permitted Uses

\*\*\* For details Refer to Section - 10.5 Public Street Lighting Standards and Section 15

\*\*\*\* DU5/6s Setbacks shall apply to buildings as well as perimeter/security fencing more than forty-two (42) inches in height. For purposes of the Supplementary Provisions of the CP, the front yard shall be defined as the first condition outlined in the CP's Definition of Terms, "The physical void created by setbacks." Fencing at the perimeter (but not within the Building Setbacks – Street) shall generally be limited to a single story height and shall be designed as an integral part of the landscape and shall not be limited to forty-two (42) inches in height. These fences will not exceed eight feet in height and are intended to discourage the general public from using the internal portions of the DU.

# DU 5 & 6 South DUP

## Exhibit 3.19 – LUG OS – Open Space



### 3.3 Transition Areas

A portion of the site that is located adjacent to DU6n is shown in this DUP as a Transition Area. This area is approximately 220 - 280 feet in depth and represents the area located between proposed residential in DU5/6s and the designated employment area in DU6n. Given that the southern portion of DU6n has not developed as planned, it is unknown how this area will develop. With emphasis for development being along the Elliot Road corridor, it is likely that future employment may occur in this area. Until the development pattern in DU6n is further understood, the specific transition between the single-family residential in DU5/6s is unknown. Additionally, the interface area between DU 5 and 6 marks a change from residential to employment. This area is being shown as an open space area. As noted elsewhere in this document, these transitions could take the form of land use transitions, open space, landscaping, walls or other such approaches. The purpose of the Transition Area designation is to hold this area for future planning and subsequent designation with a LUG. Until more is known, the Transition Area will be used as a method to indicate that additional planning is necessary. During the subdivision process for residential, transition areas in the form of a tract will be created to identify the general size of these areas. Use of linear open space corridors that also function as usable open space amenities and as part of the Eastmark Great Park, higher density residential, roadways and other such transitions will occur. Detailed planning as part of a site plan approval will likely occur later when more information about the employment use is known and the Master Developer is ready to develop these area.

In areas where single family residential neighborhoods are adjacent to large scale commercial and employment uses within DU 5, a landscaped open space area that may include portions of the Eastmark Great Park will be provided to create an attractive Transition Area between the two land uses. The Transition Area will be programmed with recreational activities concentrated in nodal areas, path and trail networks with social gathering spaces, and landscape plantings.

Transition Area are generally 150' wide but will vary in width to reduce the amount long straight edge conditions. Because the linear Transition Areas generally runs in an east/west direction, the north side will be slightly higher than the south side in elevation. Drainage from adjacent parcels will be directed into the open space when possible. Drainage swales will meander through the open space as it moves around shaped landforms and pedestrian pathway systems. Earth berms will be provided for screening purposes and to provide recreational and aesthetic diversity. Multi use paths will run the length of the Transition Area and have connections to path systems in adjacent parcels. Some sections of the pedestrian pathway may have lighting that will be on automatic time control systems maintained by the Community. Pedestrian underpasses may be used at major street crossings depending on drainage and landform conditions. Park "nodes" may be provided in locations where the open space intersects with streets and other open space corridors. If provided, the park nodes will be connected to the community pathway network and developed with amenities that fit within the overall park master plan and programming strategy. Tree species will be combination of evergreen and deciduous, and may be concentrated in higher densities on sides adjacent to non-residential uses. The use of turf will be limited to areas within the "park nodes" or areas of visual importance. Residential lots that back up to the Transition Area may have a view fence on the rear lot line to view onto the open space amenity.

### 3.4 Build-to-Line Requirements

## DU 5 & 6 South DUP

The DU5/6s DUP identifies portions of the DU where LUG – General Urban (GU) and LUG – Urban Core (UC) can be utilized. If these LUGs are utilized, buildings in LUG GU and UC should be placed so that a majority of their front face comes up to the build to line. At intersections, buildings may either hold the corner or create a plaza approximately the depth of the adjacent buildings. If utilized, LUG GU uses in DU5/6s will likely need to blend with adjacent uses and may desire to be located along Arterial Streets where vehicular access may be limited and a parking area and access (a liner street with on-street parking) may be required between the buildings and the major roadways. This may be especially true at major intersections where turning maneuvers may limit access. Access to parking areas may be highly restricted in close proximity to signalized intersections and such access points require the approval of the City Traffic Engineer. Build-to-lines are only generally required along major streets and primary street types. Build to lines may be adjusted as part of the site plan approval for LUG GU and UC uses.

### 3.5 Major Roadways

**See Section 4 of this DUP**

### 3.6 Community Facilities

DU5/6s will provide central and enclave neighborhoods consistent with the pattern established in DU 7 for this portion of Eastmark. As such, DU5/6s will connect to existing and planned community facilities planned in and near the Eastmark Great Park but will also include multiple intimate neighborhood parks to form the hub for each neighborhood.

It is anticipated that the majority of DU5/6s will likely be a major employment use (or potentially two (2)) that may be self-contained, secured and potentially within a gated campus. As an employment core, DU5/6s will not be a setting for community facilities beyond employment. Additional electrical sub-stations may be necessary.

## Section 4 DU Transportation Plan

In DU5/6s, the perimeter streets (Elliot Road, Signal Butte Road, Point Twenty-Two Boulevard and Eastmark Parkway) and most of the internal streets will be public roadways although, it is possible that some of the internal roads may be private. Within non-residential areas, the internal streets typically will provide access from Elliot Road and Eastmark Parkway (and potentially a District Street) into the DU. The internal streets will also provide access across the DU for users on-site. The internal streets will provide access to the parking lots, buildings, and truck staging and loading areas. Internal streets may be gated and/or secured to allow only users and guests to access the internal areas of the DU. If this area develops with smaller scale uses, it is possible additional roadways may be provided. For residential areas, streets that are internal to the DU will generally be local neighborhood streets, and accessible to the public unless gated. If the internal roads are private, they may be gated subject to approval by the City. The internal streets typically will have access from Point Twenty-Two Boulevard, Eastmark Parkway, Everton Terrace and Parc Joule into the DU. Public roadways will have right-of-way/easement dedications provided per Section 10 of the CP. Additionally, streets are designed to comply with City of Mesa standards (M-62.01 to M-62.07) for solid waste collection vehicles or as allowed in the CP. Roadways are in compliance with the CP and have been designed to allow for access for fire apparatus. Modifications to this transportation plan can be made administratively by City staff.

The Major Roadways (as outlined on Exhibit 10.3 – District and Arterial Streets – Roadway Hierarchy of the CP) within DU5/6s includes the Six Lane Perimeter Arterial that is along the north boundary of the DU as shown on **Exhibit 4.2 – Major Roadways**. Elliot Road has a suggested posted speed limit of 45 MPH. The cross sections for Elliot Road may have a raised median and has a striped bike lane with no on-street parking.

In addition to Elliot Road, a potential District Street which is along the shared boundary with DU6n, if built, would likely be a public Two-way, Two Lane District Street. This street would likely have a suggested posted speed limit between 25 and 30 MPH. The cross section for this roadway may have a raised median, striped bike lanes and/or on-street parking. Again, the existence of this road would be dependent on the size and types of uses ultimately developed in DU5/6s. If the area develops with large scale uses, the District Street may not be necessary. Additionally, if the area develops with smaller scale uses, a north-south District Street may be necessary.

Eastmark Parkway is anticipated to be a public Two-Way Four Lane District Street. This street is anticipated to have a suggested posted speed limit between 25 and 35 MPH. The cross section for this roadway may have a raised median, striped bike lanes and on-street parking. Everton Terrace will serve as an internal street with an ultimate connection to Elliot Road (on Crismon alignment).

### 4.1 Pedestrian Corridors

Pedestrian corridors are an essential element of DU5/6s as they provide the human scale linkages for its workers and residents. Pedestrian corridors will be located throughout the enclave and central neighborhoods, providing connections for residents to neighborhood parks, the Eastmark Great Park, employment uses, commercial and ultimately, to other places in Eastmark. Pedestrian corridors will be located primarily along street and within open space corridors that may be located at the back of homes.

## DU 5 & 6 South DUP

### A. District and Arterial Streets

Pedestrian corridors will be primarily located on the perimeter of DU5/6s and provide access throughout the DU. They will generally follow perimeter roadways along Elliot Road, Signal Butte Road, Eastmark Parkway and Point Twenty-Two Boulevard and access the core as shown on **Exhibit 4.1 – Pedestrian Corridors**. Additional pedestrian access points are neither prohibited nor discouraged, but may be limited due to the ability of pedestrians to cross the major perimeter streets. Pedestrian sidewalks along the perimeter streets will be a minimum of six (6) feet wide. The sidewalk will generally parallel the roadway. The required minimum sidewalk setback from face-of-curb will generally be six (6) feet. However, the areas between back-of-curb and the sidewalk setback that do not contain vegetation may be paved as well. This additional paved area may include tree wells and/or street furniture and may be paved with pavers, stamped concrete or poured concrete and may include different paving material(s) than the sidewalk. In areas with landscape corridors along the major roadways, the sidewalk may be detached from the roadway by a significant distance to engage the pedestrian in the landscape. Access points between the roadway adjacent pathways should be provided for access from the roadway when needed. Crosswalks are encouraged at intersections that provide pedestrian access into the interior of DU5/6s. Landscaping along the pedestrian corridors will be installed and maintained to create a comfortable walking environment and the sidewalk may be off set for lengths to create visual interest for pedestrians on long straight runs (landscaping within site distance areas may be limited). Pedestrian ramps will generally transition to road grade in the last sidewalk segment before the sidewalks intersect creating an urban plaza at the intersection. Pedestrian sidewalks along Eastmark Parkway must be a minimum of six (6) feet wide and must be located on both sides of the street. Paving and vegetation shall be required as described for sidewalks along Elliot Road above.

Bus stops and “far-side” bus pullouts should be located, when possible, to correspond to pedestrian entries from the perimeter roadways. Potential Bus stops at such locations can facilitate and encourage future transit use by employees within DU’s 5 and 6. The location of bus stops and bus pullouts will be coordinated with the City Staff. Bus stops at these locations can facilitate and encourage future transit use by residents within DU5/6s and their guests. Crosswalks are also encouraged at these locations/intersections to facilitate the use of bus stops on the far side of the street. Crosswalks may be unstriped, or be simple painted stripes, stamped or colored pavement, and decorative pavement or grade changes in the roadway pavement to denote the pedestrian corridor. Painted caution stripes (snaking lines or caution triangles) ahead of the crosswalks are encouraged on public streets. All traffic controls suggested here require the approval of the City of Mesa Traffic Engineer.



## DU 5 & DU 6 South DUP



### B. Internal Streets

Internally to the DU, the pedestrian network will primarily follow the local roadway network. Pedestrian activity is anticipated traveling east-west and north-south across the neighborhoods to get to the Eastmark Great Park. Pedestrian activity is also anticipated on routes between the neighborhood parks, either on the street or within an open space corridor. Sidewalks within the neighborhoods will be a minimum of five (5) feet wide. Some pedestrian routes are anticipated to have little to no activity. In these areas, sidewalks may be provided on only one (1) side of the street with the approval of the City Traffic Engineer.

At intersections, pedestrian ramps will generally transition to road grade in the last sidewalk segment before the sidewalks intersect creating an urban plaza at the intersection. When these plazas become large, they may include a planted triangle at the back of curb. Detailed design must be approved by City Engineer and Traffic Engineer.

Typically, internal streets will not be served by buses. If neighborhood shuttles are provided, they should be encouraged to stop at the activity centers of the neighborhood parks.

#### 1. Standard Neighborhood Streets

Along standard neighborhood streets, five (5) foot wide sidewalks will be located on both sides of the street. These will be separated from the roadway by a tree lined parkway. Landscaping in these areas may be modified to address sight visibility triangles including limiting plants to no higher than three (3) feet in height. Sidewalks will typically parallel the roadway.

##### 1.1.1.1 Everton Terrace/Parc Joule/Mesquite - Binary --Rubidium

2. Everton Terrace and Parc Joule will be designed to provide simple convenient vehicular access to the neighborhoods – “a back way in”. These routes are not designed to be an engaging pedestrian space. The layout of the neighborhoods will provide a secondary route along both sides of Everton Terrace and Parc Joule one block in on each side. This layout will also provide ample opportunities for pedestrians to cross Everton Terrace and Par Joule, tying the neighborhoods together. These streets will be constructed with a wider taper as they approach Point Twenty-Two Parkway, similar to how they were constructed in DU7. Until future extensions are planned, appropriate turn-arounds will be constructed. Rubidium Avenue provides east-west

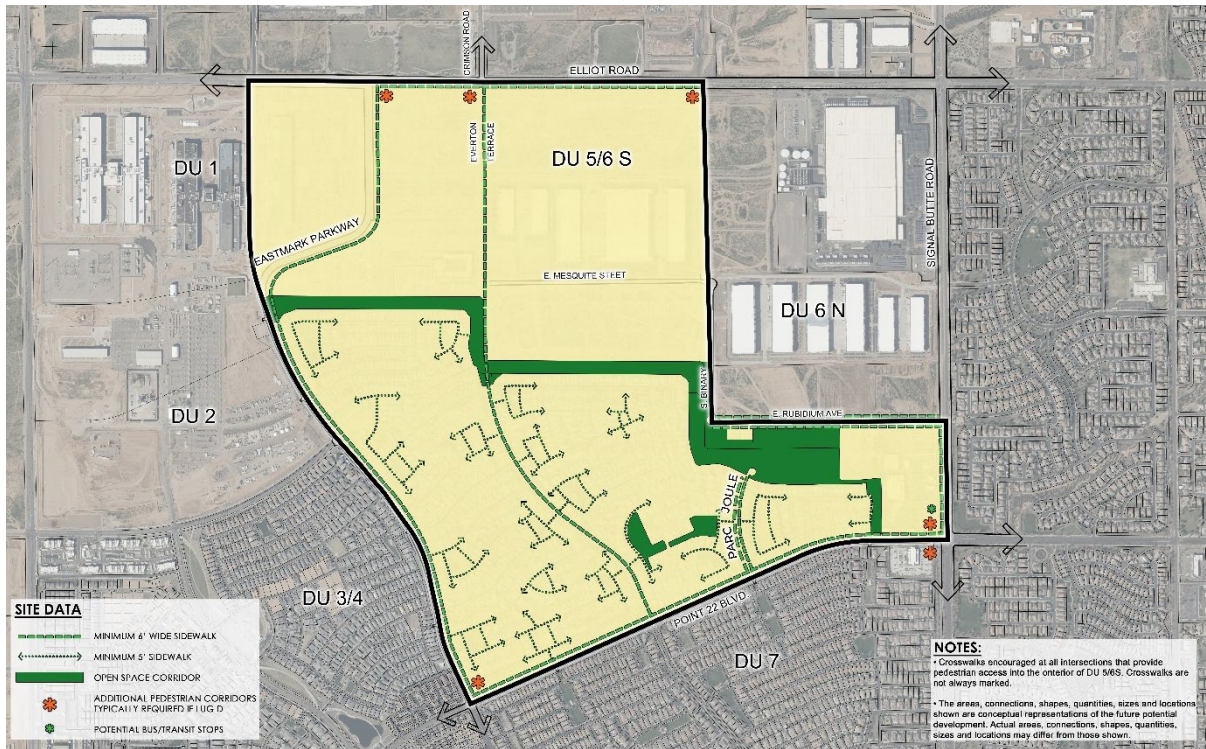
## DU 5 & 6 South DUP

access from Everton Terrace to Signal Butte for employment uses in the northern area. Rubidium Avenue also provides access to the Eastmark Great Park.Park Streets

Neighborhood parks are designed to be destinations in the pedestrian circulation system. Along parks, sidewalks along the roadway surrounding the park will typically only be provided on the home side. Sidewalks generally will not be included on the park side except at entries or across the ends of the parks to facilitate pedestrian connectivity as depicted in the CP and as approved by the City Traffic Engineer.

# DU 5 & DU 6 South DUP

## Exhibit 4.1- Pedestrian Corridors



## 4.2 Primary Public and Private Streets and Extended Access Ways

Refer to **Exhibit 4.2 – DU6s Major Roadways**

A. Elliot Road

- North boundary of DU5/6s
- Six Lane Perimeter Arterials
- 65' – 75' wide 1/2 street ROW
- Raised and/or landscaped median optional per the City of Mesa
- No Parking
- Very high volume vehicular traffic streets
- Little pedestrian activity moving along the length of the street
- No entries other than for fire protection / emergency vehicles, Eastmark Parkway, Everton Terrace and District Street intersection are anticipated

B. Signal Butte Road

- East boundary of DU5/6s
- Six Lane Perimeter Arterial
- 65' – 75' wide 1/2 street ROW
- No raised and/or landscaped median per City of Mesa
- Vertical Curb
- Bike Lane
- No Parking
- Very high volume vehicular traffic street
- Little pedestrian activity moving along the length of the street
- Not likely to have a tight urban cross-section because of the adjacent SRP power lines.
- Bus stops may be located near the intersections with Point Twenty-Two Boulevard. If bus service is provided along the length of Signal Butte Road, bus stops may also be located to align with neighborhood entries. Bus service shall be as determined by the transit authority.

C. Point Twenty-Two Boulevard & Eastmark Parkway

- South boundary of DU5/6s
- Two-Way Four Lane District Street
- ROW will be located at back of curb (approximately 67' back of curb to back of curb)
- 12' Raised and/or landscaped median
- Vertical Curb
- No Parking
- 6' Bike Lane
- High volume, low speed vehicular traffic street
- Some pedestrian activity moving along the length of the street
- Several neighborhood and parcel entries with full turning intersections are anticipated

## DU 5 & DU 6 South DUP

- Not likely to have a tight urban cross-section because of the uses on either side
- Bus stops may be located near the intersections with Signal Butte to accommodate the potential commercial, civic and religious users. If bus service is provided along the length of Point Twenty-Two Boulevard and/or Eastmark Parkway, informal “flag” bus stops may also be located to align with neighborhood entries. Bus service shall be as determined by the transit authority.

### D. District Street (Potential if developed)

- Public street
- The need for this street will be determined at the time specific site plans are considered and in part will be based on the size and scope of proposed uses
- Two-way, Two Lane District Street
- 58' wide ROW
- Optional raised and/or landscaped median minimum 9' wide (face-of-curb to face-of-curb)
- Turn lanes and potential dual left turn lanes anticipated at entrances
- On-street parking optional, bike lane optional
- May have high vehicular traffic volumes
- Will potentially connect to Point Twenty-two Boulevard (formerly Warner South) on the south end if it is constructed and warranted.
- May also provide connectivity (vehicular, biking, walking) from surrounding DUs to DU5/6s and DU5n's employment uses
- Not likely to have a tight urban cross-section because of the uses on either side
- Bus stops may be located to align with employee-vehicle entrances as “far-side” pull outs

### E. Internal Streets

- Neighborhood Streets and potential Service Lanes
- ROW typically at back of curb (when provided)
- Various road sections
- Generally public though potentially could be private and gated
- Through access generally provided

#### 1. Internal Streets – Everton Terrace/Parc Joule

- In the middle of DU5/6s – provides the “back way in”
- Two-Way Neighborhood Street
- ROW will be located at back of curb (approximately 23' back of curb to back of curb)
- No Median
- Ribbon Curb
- No Parking
- Medium volume, low speed vehicular traffic street
- Little pedestrian activity moving along the length of the street – Several crossings for pedestrian access are anticipated, sidewalks will be provided as requested by the City on both sides of the road, and all other pedestrian activity will be accommodated in adjacent neighborhoods
- Several neighborhood entries are anticipated
- No bus stops – Bus service shall be as determined by the transit authority

## DU 5 & 6 South DUP

### 2. Internal Streets – Rubidium, Binary, and Mesquite

- Serves employment uses
- Two-Way Neighborhood Street
- ROW will be located at back of curb (approximately 23' back of curb to back of curb)
- No Median
- Ribbon Curb
- No Parking
- Medium volume, low speed vehicular traffic street
- Little pedestrian activity moving along the length of the street – Several crossings for pedestrian access are anticipated, sidewalks will be provided as requested by the City on both sides of the road, and all other pedestrian activity will be accommodated in adjacent neighborhoods
- No bus stops

### 3. Internal Streets – Entry Drives

- Provide access to neighborhoods from perimeter streets and Everton Terrace and Parc Joule
- Two-Way Neighborhood Street
- ROW will be located at back of curb (approximately 23' back of curb to back of curb)
- No Median
- Vertical Curb
- No Parking
- No Bike Lanes
- Medium volume, low speed vehicular traffic street
- Pedestrian activity moving along the length of the street varies based on location – east-west Entry Drives providing access between neighborhoods
- Roadways often tee into cross traffic on the neighborhood end or transition to standard neighborhoods streets out after crossing a neighborhood park
- Bus stops may be located at intersections with major streets - Bus service shall be as determined by the transit authority

### 4. Internal Streets – Standard Neighborhood Streets

- Standard Neighborhood Street section in DU5/6s
- Two-Way Neighborhood Street
- ROW will be located at back of curb (approximately 35' back of curb to back of curb)
- No Median
- Rolled Curb
- 7' Parallel Parking on both sides
- No parking at intersections where “chicanes” or “neck downs” are desired
- No Bike Lanes
- Medium to low volume, low speed vehicular traffic street

## DU 5 & DU 6 South DUP

- Pedestrian activity moving along the length of the street varies based on location
- No bus stops - Bus service shall be as determined by the transit authority

### 5. Internal Streets – Park Side Streets

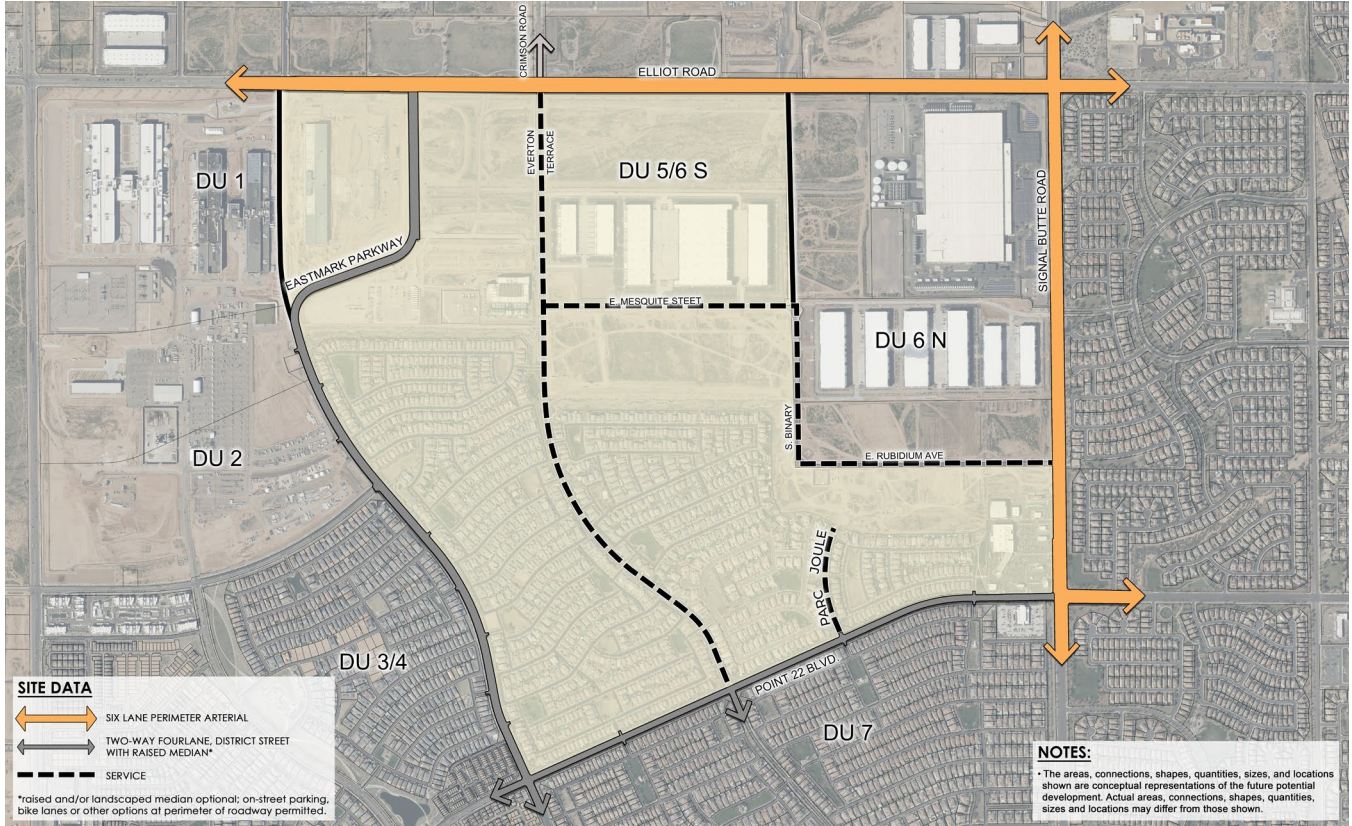
- Provide access along and around neighborhood parks
- Two-Way Neighborhood Street
- ROW will be located at back of curb (approximately 29' back of curb to back of curb)
- No Median
- Rolled Curb on side opposite the park, Vertical Curb along park
- 7' Parallel Parking on side opposite the park
- No parking at intersections where "chicanes" or "neck downs" are desired
- No Bike Lanes
- Medium to low volume, very low speed vehicular traffic street
- High Pedestrian activity moving along the length of the street and crossing the streets to access the park
- Roadways often transition to standard neighborhoods streets at intersections
- No Bus stops anticipated – if neighborhood circulator provided, informal "flag" bus stop in close proximity to the built shade structure (when present) would be desired - Bus service shall be as determined by the transit authority

### 5. Internal Streets – Block End Streets

- Provide connections between blocks in DU5/6s, used to provide visual relief into neighborhoods from perimeter roadways and landscape areas, used to provide pedestrian connectivity without providing automobile connectivity
- Two-Way Neighborhood Street
- ROW will be located at back of curb (approximately 23'-35' back of curb to back of curb)
- No Median
- Rolled Curb
- No Parking required, 7' Parallel Parking on may be provided on one or both sides
- No Bike Lanes
- Medium to low volume, low speed vehicular traffic street
- Pedestrian activity moving along the length of the street varies based on location but is often low when Block End Streets are used to visually open up the neighborhood to perimeter streets or to provide through pedestrian only access.
- Roadways are often short and typically have limited driveway conflicts
- No Bus stops anticipated - Bus service shall be as determined by the transit authority

# DU 5 & 6 South DUP

## Exhibit 4.2 – Major Roadways



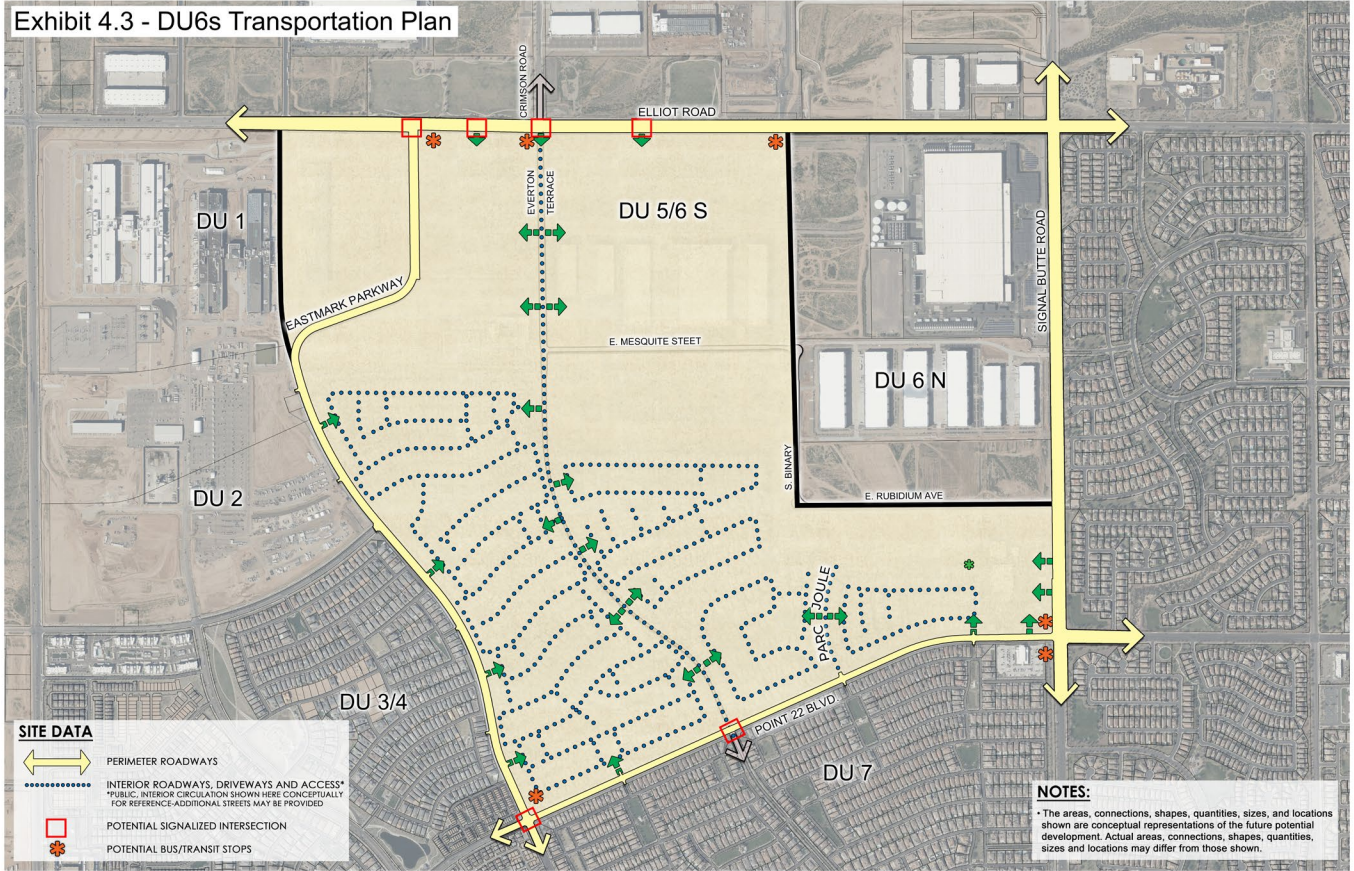
### 4.3 Intersections

DU5/6s shall be accessed primarily from surrounding perimeter roadways. Employment uses along the Elliot Road Technology Corridor will be accessed primarily from Elliot Road, Eastmark Parkway, Everton Terrace, and Rubidium, while residential areas will be accessed via Point Twenty-Two Boulevard, Eastmark Parkway, Everton Terrace and Parc Joule. The commercial core at Signal Butte Road and Point Twenty-Two Boulevard will be accessed via both streets as well at Rubidium. Separate drives/intersections to access sites may be provided for various vehicle types and users and may be signed appropriately. Drives/intersections accessing the interior of DU5/6s may be secured and/or gated in one or more locations but typically should not limit through access within the DU. It is anticipated that multiple drives will access DU5/6s from Elliot Road and at least one and possibly two drives will access DU5/6s from Everton Terrace and/or Eastmark Parkway to access employment areas. If a District Street is constructed, potential access may also be provided at this location. This will be determined based on specific proposed uses. Streets inside private gates will be private streets. It is anticipated that at least one drive will access DU5/6s from Point Twenty-Two Boulevard and at least one drive will access DU5/6s from Everton Terrace and Parc Joule. If traffic counts warrant a traffic signal at these intersections, they shall be provided to ease access to the DU as shown on **Exhibit 4.3 – Transportation Plan**. Signals will be reviewed and approved by the City based on need, warrants and location.

# DU 5 & 6 South DUP

## Exhibit 4.3 – DU6s Transportation Plan

Exhibit 4.3 - DU6s Transportation Plan



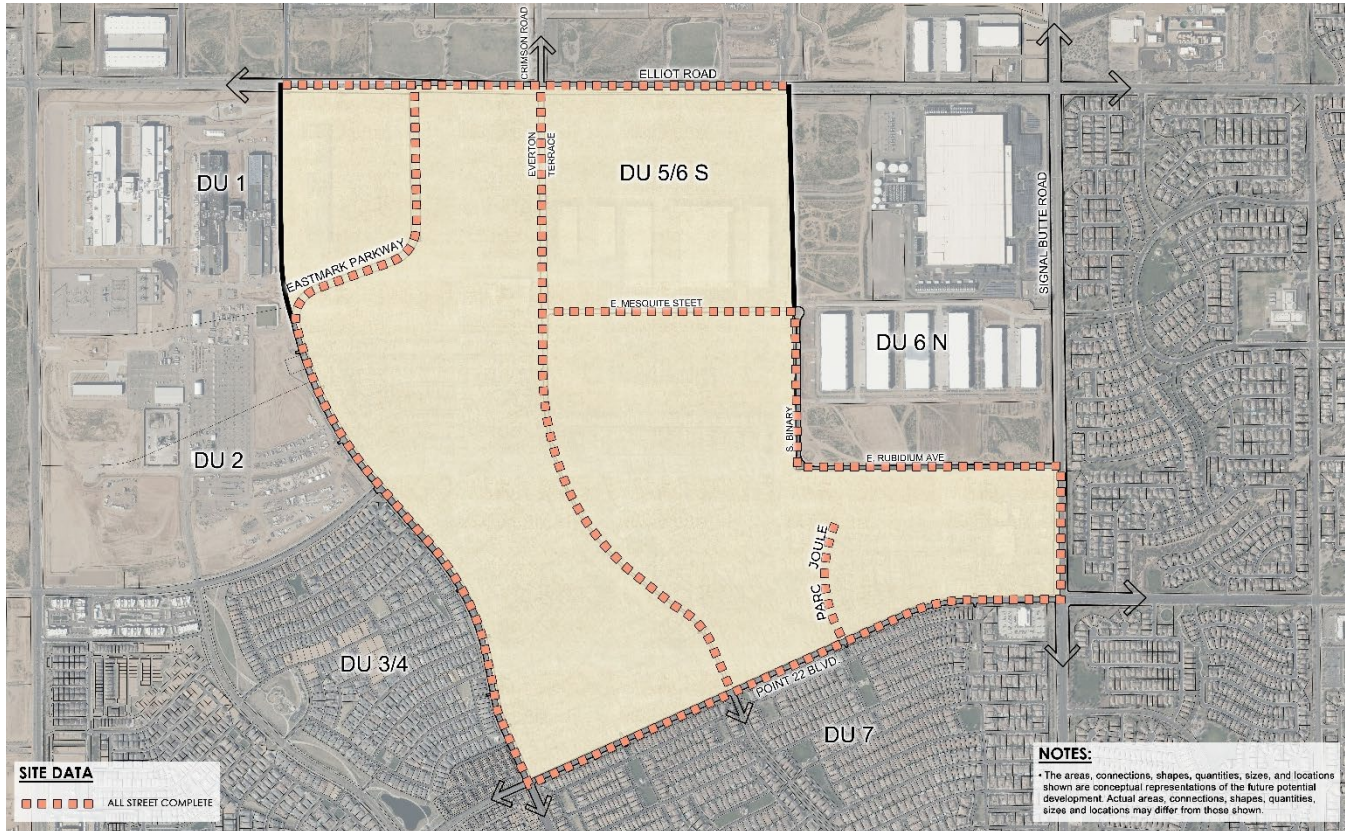
## 4.4 Street and Circulation Phasing

All street and circulation improvements have been completed as shown on **Exhibit 4.4 – Street and Circulation Phasing**.



# DU 5 & 6 South DUP

## Exhibit 4.4 – Street and Circulation Phasing



## Section 5 DU Design Guidelines (“DUDG”)

Consistent with the vision for DU5/6s, development within DU5/6s will provide for residential use which will ultimately transition to employment uses along the Elliot Road corridor. DU5/6s will be a combination of employment and residential in nature and will be developed by a homebuilder or homebuilders coordinated by the Master Developer or by employment uses purchasing sites. For residential areas, the park-focused and enclave neighborhoods will also link to the Eastmark Great Park which will ultimately be extended to Point Twenty-Two Boulevard and beyond. A potential commercial property is also located at Signal Butte Road and Point Twenty-Two Boulevard that will likely contain neighborhood serving retail and commercial uses.

Additionally, development of this area with employment and commercial use will continue to protect and facilitate the airport flight paths. While the northern portion of DU5/6s is expected to be developed with an

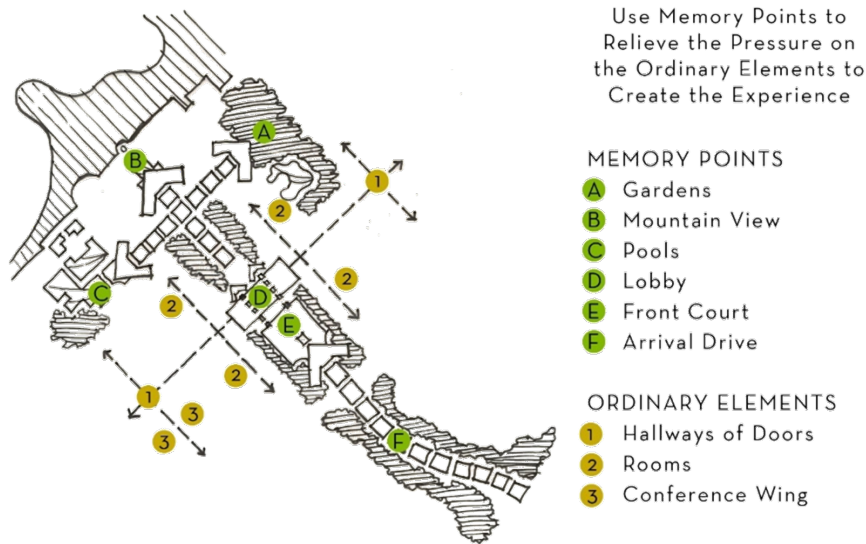
## DU 5 & DU 6 South DUP

employment use, likely for one or two single users, it may also be developed for multiple employment users or be developed with medical type uses to support hospitals in the area. The DUDGs for DU5/6s are designed to integrate manufacturing/employment campus facilities with other adjacent employment uses, commercial or uses that may be developed in DU 1 or DU2, as well as potential residential further south in DU5/6s. Transitions between uses, especially in areas that have not yet been planned will primarily occur at the site plan phase and will include use of buffers and setbacks, landscaping, walls and fences, street placement, land planning and building orientation. Landscaping within sight visibility triangles will be designed to comply with the CP and other relevant City of Mesa standards.

The DUDGs for DU5/6s are also designed to integrate the uses and the residential neighborhoods with each other, with the greater Eastmark community and associated community elements, with the planned Signal Butte activity core, with the Eastmark Great Park and with the planned adjacent neighborhoods which are essential to Eastmark's community goal of "living well over time". These DUDG's will help to ensure a successful integration with existing and future surrounding uses. Additionally, the inclusion of a transition area along the south portion of DU6n, between the planned residential use and the currently planned employment use within DU6n, will provide a vehicle to ensure that these two areas are appropriately and cohesively planned.

To create incredible neighborhoods, the DUDGs for DU5/6s rely on using two concepts symbiotically: memory points and ordinary elements. The mass of any neighborhood is made of ordinary elements – homes, local streets, schools and places of worship. These elements are much like the rooms, hallways and conference rooms of a resort (refer to **Exhibit 5.1 – Memory Points and Ordinary Elements Diagram**). They make up the mass of the resort, are nicely appointed, but they are not what is remembered about the resort experience. Our memory of these places is made up of the arrival experience and court, the grand lobby, the resort pools and gardens and the distant views. In the neighborhoods of DU5/6s, these memory points are the neighborhood entries and the neighborhood parks. The quality design, construction and maintenance of these important spaces relieve the pressure on the design of the ordinary elements. In the commercial area along Signal Butte, the memory points will be the landscaped interface and connection points between the residential and commercial as well as iconic elements on the building architecture.

Exhibit 5.1 – Memory Points and Ordinary Elements Diagram



## 5.1 Pedestrian Corridors

See Section 4 of this DUP.

## 5.2 Common Areas

Common areas within DU5/6s will typically be found in the Neighborhood Parks, the open space corridors, and open space interfaces between residential and commercial uses. The Eastmark Great Park extends into DU5/6s, via a series of “fingers”, further reaching into these neighborhoods and serving as a social and recreational center for the entire Eastmark community, and which is designed to accommodate a wide range of functions ultimately connecting to the final large scale portion of the Eastmark Great Park. The Eastmark Great Park is being developed consistent with the Eastmark Great Park Master Plan. The Eastmark Great Park is being developed in many phases and will have a wide variety of landscape and architectural components. Within DU5/6s, the Eastmark Great Park includes a variety of amenities such as: adventure play, court sports, and passive walking paths. Private neighborhood parks are also an important part of the community and have been set up to be the “living room” for individual neighborhoods. They potentially may host community wide events on occasion, but they will be designed to regularly serve the needs of each neighborhood. Each will be a single holistic design and typically will be highly varied from park to park. For employment areas, common areas typically will be private when present. Common areas within employment areas of this DU are not required but may be installed for the enjoyment and convenience of the employees within employment areas. Landscaping within common areas may be lush to encourage the use of outdoor spaces by employees in adjacent buildings.

A. Neighborhood Parks

## DU 5 & DU 6 South DUP

In DU5/6s, Neighborhood Parks will be the “living room” of each neighborhood and they will have similar key elements. These key elements help to ensure that the parks play a primary role in the social fabric of each neighborhood. A “kit of tools” has been developed for the Neighborhood Parks which provide a series of options for park development that provide for consistency in development yet at the same time, provide for a variety of uses for each park. These elements have been accumulated from international research and over a decade and a half of refinement in modern Arizona communities. The key elements should be used as a guide not as absolute rules because parks can and will likely take on several different forms and will likely contain different elements and features. The parks will need to be appropriate to their context and the intention of each key element may take on many physical forms to accomplish the same goals.

**Exhibit 5.2 – Neighborhood Park Elements**



### NEIGHBORHOOD ELEMENTS

- 1 Enter on Focus  
*Arrive first to the park and then to the house.*
- 2 Park Edge is Defined by the Roadway
- 3 Homes Facing the Park  
*When possible*
- 4 Use Streets to Extend the Park into Neighborhood  
*"The park is at the end of my street."*

### PARK ELEMENTS

*(Sample list of potential elements)*

- A Foreground Focal Element  
*Art, Seating, Trellis - to screen view*
- B Tree Lined
- C Open Flat Lawn  
*Pick-up games, Stormwater Retention*
- D Adult Attractive Element  
*Fire pit, Water Feature, Kinetic Art*
- E Built, Protective Shade
- F Kids Play Area
- G Potential Mail Box/  
Community Notice Points

### 1. Enter on Focus

Most people come and go from the community by automobile or by a transit system using the regional road network. The design of DU5/6s is to position neighborhood parks at each main vehicular entry to the neighborhoods when possible. In this way much like an individual home, one arrives first to the living room and then goes off to other parts of the home if invited to do so. This places great importance on the living room as the social center of the home. In a similar way, the Neighborhood Park is situated to greet residents and visitors when they return home. Often the park is aligned so that those arriving look down the length of the park as shown in **Exhibit 5.2 – Neighborhood Park Elements**. This effect may also be accomplished with a road crossing the park, or coming in and looking across the short axis of the park. The first of these alternative effects can be useful when the continuation of the street is important to the social fabric of the neighborhood. The second alternative effect provides more intense focus on one aspect of the park and more privacy to

## DU 5 & 6 South DUP

the remainder of the park pieces and can be very appropriate in context. These are not the only alternatives that can create the same effect, and often it is possible to pass a few homes or cross streets to arrive to the park. The important element of this sequencing as a guest or resident is that you have the ability to first arrive at the park and then to the home.

### 2. Park Edge

To stress the importance of the park to the neighborhood, the park may be ringed by narrow, tree-lined neighborhood streets when possible. The parks may be irregularly shaped and may utilize land that is less suitable for other uses to maximize the efficiency of the community. The streets ringing the park typically do not have sidewalks on the park side of the street, but an ADA compliant accessible route(s) into the park is required. The sidewalks in the community are used to draw people to the parks, but are not needed to circle the parks. Turf or gravel walkways coming up to the edge and paved pathways connecting pedestrians at intersecting streets into the core of the park are common. Neighborhood Parks are generally not fenced but rather open to encourage use from all directions.

### 3. Homes Facing

Homes surrounding the park may face the park, further stressing the park's importance as a community space. Homes facing the park also prevent conflicts that tend to arise when the private portions of the home or the lot (typically the rear) are in close proximity to the public spaces of the park. Given the unique shape of DU5/6s, there may be situations where open space areas side or back onto homes.

### 4. Streets Extend the Park

Neighborhood streets should tie the neighborhood to the parks whenever possible. When residents can walk out into the narrow, tree-lined streets in front of their home and see the park at the end of the street, it makes the park theirs. That type of bond between the house and the park help to ensure that in the mind of the residents that home will be something bigger than their house.

### 5. Foreground Focal Element

Each park typically has a focal element at the location where the entry road meets the park. This element provides foreground for the view into the park, a bit of privacy for the park users, separation between the view and those participating in the social activity of the park, and it allows the park to reveal itself slowly. This foreground element can be simple. It is often no more than a picturesque seating area, an arbor, a sculptural tree or artistic sculpture.



## DU 5 & 6 South DUP

### 7. Open Flat Lawn

The open flat lawn is often the largest and simplest part of the park. The open flat lawn is often used for larger occasional events. The flat lawn is used evenings and on the weekend for pickup field games and the lawn is often sunken to retain both soccer balls and storm water. The lawn also provides a large open middle ground in the aesthetic composition of the park.



### 8. Adult Attractive Element

If the parks attract adults and give them a reason to linger, they will bring the kids and stay for a while. To attract adults, often this element has to have the same effect as sitting by a fire. A fire pit, a small water feature or a piece of kinetic art tends to draw the attention of adults for hours. Park elements such as the Built, Protective Shade provide a safe and comfortable place to encourage people to linger. Small additions such as outlets, ceiling fans and dim-able lights add to the usability of the park and eventually make the Neighborhood Park one of the most desirable places to spend the evening in the neighborhood. The adult attractive elements shall typically be located in close proximity to the Built, Protective Shade Element.





### 9. Built, Protective Shade

Each Neighborhood Park should feel as safe and secure as one's own living room. To accomplish this, each park should have built, protective shade of some sort at its major gathering location. Often this is accomplished with a covered ramada with open walls that anchor the building solidly to the ground. The structure should provide sitting areas that are sheltered not only from the weather, but also from the view of others. Sitting in the structure, one should not feel visually exposed. The structure should have some visible openness for safety, but it should not feel weak, temporary or fragile. The structure should feel like the hearth of the community. The built, protective shade may take on many different forms and is not required to look like a building. Shade sails may be used in conjunction with landscape, walls and terraces; a greenhouse may be appended onto the ruined remains of an architectural wall just to name a few variations on the theme.



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Partial, Conceptual Park Site Plans

### 10. Kids Play Area

Within the Neighborhood Parks, typically a kid's play area will be located near the built, protective shade and the adult attractive elements. This location will ensure that the kids can play in close proximity to the areas the adults naturally will want to gather and linger in the park. Simple structures such as swings, seesaws, slides, rolling hills and sandcastle building areas are often more regularly used than tot-lot structures. These simple structures are also typically used by a bigger range of ages. The colors of these Kids Play Areas shall be complementary to the composition of the Neighborhood Park. Clever, alternative play structures (such as chalk board and climbing walls) and "free play" structures are encouraged for Kids Play Areas when combined with simple traditional elements such as swings.

### 11. Mail Box/Community Notice Points

While not required to be part of the Neighborhood Park in DU5/6s, the mailboxes and community notice points are encouraged to be located within the parks. Residents often come each day to pick up the mail. When this utilitarian function is combined with a place to sit and review the mail, people are often enticed to linger longer in the park. Locating these elements in close proximity to the built, protected shade element, adult attractive element and kids play area will increase the synergy of these components. Having the mail at the park also increases the opportunity for chance encounters with other neighbors, further strengthening the overall community fabric. Access to mailboxes will be compliant with any applicable ADA requirements.

### 12. Events

In DU5/6s, Neighborhood Parks will hopefully be home to many neighborhood events and celebrations. To accommodate these, the parks will need to be designed so that they are easy to find and flexible to accommodate a wide variety of uses. Park design may include special considerations for electricity, water and temporary catering and restroom facilities. The park design should also encourage small business and grass root events and classes that might be offered for a fee.

## DU 5 & 6 South DUP



### 13. Parking

Parking for Neighborhood Parks in DU5/6s will be handled typically on-street, across the street from the park, but the intent is to maximize the open space and recreational uses in the park while not creating parking problems for guests. Parking spaces may be provided in the park when appropriate to the use and setting. The intent of these parking solutions is to accommodate regular use while encouraging most guests to walk to the park. For occasional events, the intent is not to provide ample parking for all guests, rather to encourage most local residents to walk and to utilize on-street parking in the immediate area.

### 14. Lighting

Lighting in Neighborhood Parks in DU5/6s will generally be very appropriate to and respectful of their setting. The Neighborhood Parks should not stand out as a bright, hot spot in the neighborhood. Walkways within the park may not be illuminated. Similarly, sport courts (when present) and the large lawns are not anticipated to be illuminated for nighttime play. Yard lights should be discouraged except for emergency or temporary uses. In areas with a lot of activity, lighting for nighttime use is encouraged. In these areas, lights strung across patios and walkways, up lighting of buildings and trees, moonlighting down through trees or with pattern filters, all might be used.

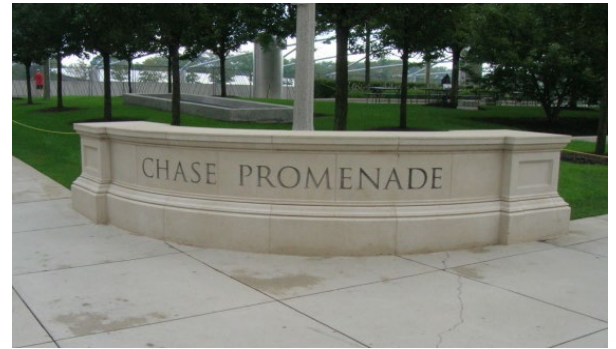
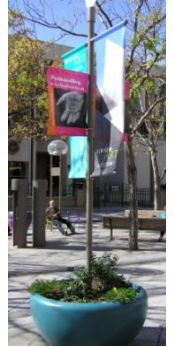


### 15. Signage

All Neighborhood Parks will likely need signage to name them and provide direction to them. It is likely that in time, all the parks will have a name associated with them. Naming signage may be free standing in the landscape or attached to buildings, fences or walls. Signage must be appropriate to its setting and may be and colorful, simple, civic and/or pastoral in nature. Signage in the form of banners on streetlights and poles may be incorporated to advertise events. Streetlights with banners must be designed to support the wind

## DU 5 & DU 6 South DUP

loads of attached banners. Because of the social importance of these parks in the neighborhood, Eastmark standard directional signage may be used within the neighborhoods to direct guest to parks.



### B. Open Space Corridors

Within enclave neighborhoods and some smaller lot neighborhoods that function as an enclave, open space may also take the form of an open space corridor that traverses through the community. These open space corridors provide opportunities for residential lots to back onto these areas providing a visual extension of the backyard space and providing vistas and view corridors for homes. When homes back onto these areas, fencing material may be in the form of the Eastmark view fence. Typically, these open space corridors will also serve as pedestrian pathways that will continue an existing street sidewalk.

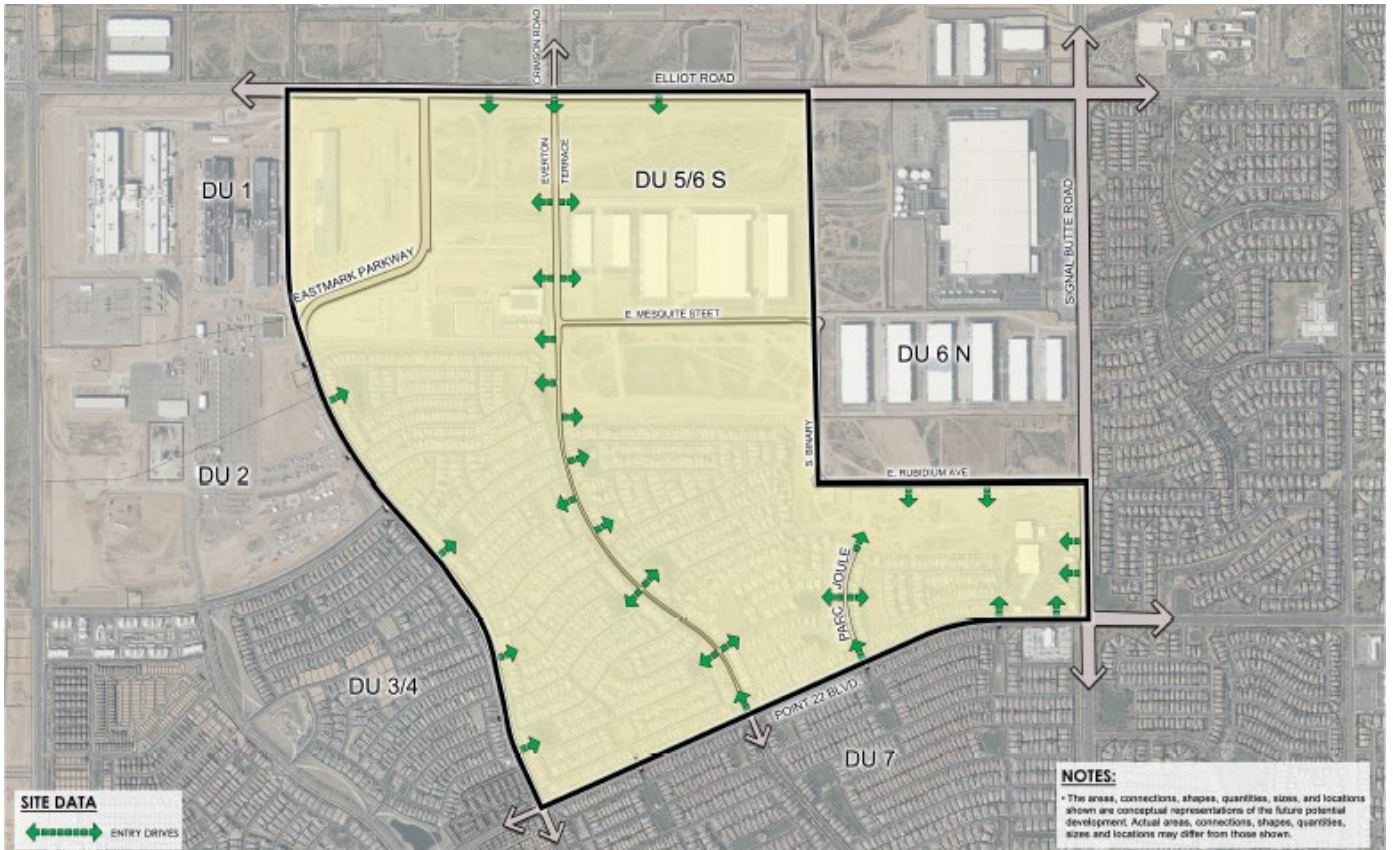
C. The Eastmark Great Park

Modeled after Historic Phoenix's Encanto Park and downtown Tempe's Beach Park, the Eastmark Great Park is the social and recreational center for the Eastmark community and the Southeast Valley. The park stretches throughout the community and culminates in DU5/6s. It accommodates a wide range of functions including: pastoral strolls through rolling natural landscapes, sports competitions on open green fields, families picnicking and playing in fountains, and adults enjoying a night out watching movies in the park, attending a concert or just hanging out on the terrace. The Great Park is a north- south connector but also has secondary "finger" elements that weave in and out of areas to the east and west, allowing for more connectivity to the last portion of the Great Park along Rubidium Avenue. The Eastmark Great Park is shown on **Exhibit 5.3 –Major Neighborhood Elements**, and is adjacent to schools with shared ball fields, civic uses and a community center. The final stage of the Eastmark Great Park will be completed in 2026.



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## Exhibit 5.3 –Major Neighborhood Elements



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The Eastmark Great Park will evolve to be the home to all sorts of regional events and celebrations. The nature of these celebrations would include events that may require an entry fee or security for things like fireworks and concerts and events that allow for the consumption of alcohol.



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## DU 5 & 6 South DUP



### D. Signal Butte/Point Twenty-Two Activity Core

The area at the northwest corner of Signal Butte/Point Twenty-Two provides an opportunity for more intense development that will serve the surrounding neighborhoods. Commercial uses will likely take the form of neighborhood serving retail or commercial office with surface parking. This activity core should be designed to provide connections to the adjacent residential neighborhood. Vehicular access to the core will be via Point Twenty-Two and Signal Butte. Pedestrian access and connections will be provided to the neighborhood to allow easy access to residents. A landscape corridor will provide a compression zone between the uses and within this corridor, will be pedestrian and bicycle linkages so residents can directly access these uses.

Low walls and attention to architecture will ensure that these future uses appropriately relate to the residential areas. Commercial uses will minimize the fronting of "back of house" activities adjacent to the Eastmark

## DU 5 & DU 6 South DUP

residential neighborhoods. If “back of house” uses are oriented towards the residential use to the west, then an open space area with a minimum width of 100 feet will be provided (may be located on adjacent property). The “back of house” uses will be screened to the minimum necessary length through the use of higher wall heights, with an 8 foot maximum, to provide screening of the loading docks and service areas while still providing attractive and meaningful access from the neighborhood to the commercial development. Landscaping will also be used to provide the necessary transitions and buffers between the uses. Parking areas will be located away from residential areas with parking lot lighting directed away from residential areas. Site design for the Activity Core should include the possibilities of a vehicular connection to the adjacent neighborhood.

**Pedestrian Connectivity:** Continuous pedestrian pathways will be provided to connect all development components with sidewalks along the public streets. Active ground level uses will be oriented towards the pedestrian ways and sidewalks.

**Land Use Integration:** The integration of non-residential and mixed-use areas with neighboring land uses, including residential neighborhoods, will be achieved through thoughtful site design that minimizes hard edges between projects and promotes a sense of seamlessness throughout the community. Traditional neighborhood design principles that encourage pedestrian activities and promote variety and interest along the street will be utilized to achieve this goal.

**Building Variety:** Buildings will be oriented to create pedestrian connections, create outdoor activity areas and reduce impact of parking separating uses.

### 1. Edge Treatment

The Signal Butte/Point Twenty-Two activity core will be separated from Signal Butte by a linear landscaped edge and with additional separation from the road due to the existence of the SRP utility line corridor. The landscape edge will continue along the Point Twenty-Two street frontage. Low walls using themes and patterns established for Eastmark may be located within these landscape areas creating an enclosure for future uses. A six (6) foot wall will likely be located along the northern edge of the site while a lower thematic wall that may vary in height may be located on the west boundary to provide some separation of areas from the residential area to the west. The western edge will also include a landscaped area that will serve as a transition between the residential and commercial uses. It is anticipated that pedestrian access will be provided in the area.

### 2. Phasing and Evolution

Given the size of the parcel, it is likely that the use will be developed in one or two phases.

### 3. Uses

Uses anticipated for this core will likely be neighborhood serving uses such as grocery stores, small offices, restaurants, convenience or other similar uses that will serve the immediate neighborhood for daily needs.

### 4. Parking

## DU 5 & 6 South DUP

Parking will be handled by surface lots close to the buildings. Parking may also be located along the west property line. Service area will be located so they do not disturb residential areas or will be designed to minimize noise and visibility.

### 5. Lighting

Lighting will include parking lot lighting as well as building lighting. Lighting will be planned to provide the necessary security lighting without intruding on adjacent neighborhood areas. Lights will be directed away from residential area.

### 6. Signage

This commercial area will contain typical signage to identify the major uses with signs being freestanding monument set in landscapes and signs attached to buildings. Signage may be used as art and entertainment, but given its proximity to residential, will be designed to minimize any adverse effects to these areas. In addition to typical signage types, an Eastmark standard community directional *may also be used along all major circulation routes to direct guests to the commercial areas.*



### 5.3 Landscaping

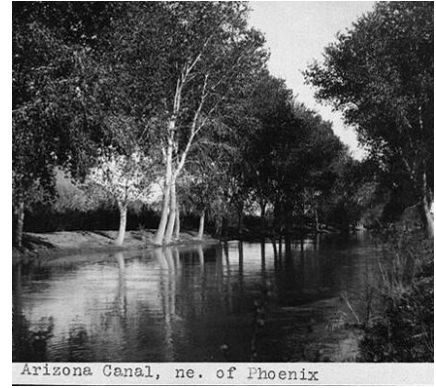
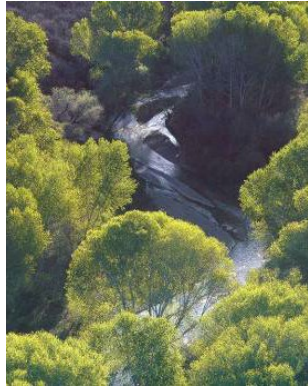
The landscape character of DU5/6s is intended to support pedestrian oriented streets, human comfort, integrated design and the element of surprise. It is inspired by garden city landscapes of "Old Arizona." In the early 1900's the Salt River Valley was described as a "city of garden and trees" with ordered garden, orchards and tree lined streets that provide tunnels of shade. These landscapes, while typically composed of low water use plants, provided a lush, often agrarian, look due to the deep green year-round color of the foliage selected and the formal planting patterns used. Trees are often planted in windrows, bosques or groves. These landscapes typically used color planted in mass or in hedgerows usually as shrubs or ground cover. To provide height and a sense of enclosure, these landscapes often include tall palms and/or desert appropriate pines, complimented by indigenous desert trees. For artistic accent, these garden landscapes often included sculptural forms such as agave, prickly pear or other succulents planted in mass, in rows or as clustered accents. The juxtaposition of regional low water use habitat next to formal, ordered garden streetscapes was used often.



The urban landscapes of "Old Arizona" were also accented by natural landscapes that celebrated the path of water. Moving water shaped the Salt River Valley, and in the desert, it is clear where water is or has been present. Within DU5/6s, parks and parkways remind residents and guests of the path of water even when storm water or irrigation are not present. These "path of water" landscapes typically have depressions in the landscape to hold the water and are often more lush at the lowest points, or along the edges of a water pathway. These edges can take on both planted, formal patterns and natural organic forms. The "path of

## DU 5 & 6 South DUP

water" landscapes can vary greatly from dry arid plantings that only occasionally receive water to irrigated tree lined lawns that hold water during storm events. These landscapes can be used to foster environments for abundant wildlife throughout the community within riparian habitats, along the path of water, through parks and dense urban areas. In built form, these landscapes may include the collection and re-use water from building condensate, fountains and channels, landscape canals and paved floodways.



### A. Landscape Standards

Landscape standards including minimum plant size and quantity, parking area landscape, street perimeter landscape and sight visibility triangles shall be per Section 12 – Landscape Standards, of the CP. Due to the fast growing nature of desert trees in the DU5/6s plant palette, the minimum size for trees may be smaller if exchanged for an additional quantity of trees in accordance with standards set forth in the City of Mesa zoning ordinances. The following plant palette and landscape characters shall be applied to public spaces. Private yards and landscapes may use any of the following landscape characters, but it is anticipated that most will be the Shaded Parkways or Parks and Gardens character. Yards or landscape areas enclosed by privacy walls and generally not visible from public areas shall not be limited.

### B. Landscape Plant Palette

Landscape palette within DU5/6s is generally broken into three (3) landscape characters:

- Shaded Parkways
- Shaded Boulevards
- Parks and Gardens

The plants permitted in each of these landscape characters are charted in **Exhibit 5.10 – DU5/6s Plant Palette**. Plants not found on this plant palette may be considered as part of the site plan review and approval if they generally meet, complement or enhance the corresponding landscape character for that portion of DU5/6s. In addition to these, landscape that may include decorative plants not the approved plant list and plants that may be water intensive may be used in public or private areas where it is placed to encourage the use of outdoor spaces or in areas that are very heavily used by pedestrians. Lawn is typically only permitted for parks, sports fields or when it is placed to encourage the use of outdoor spaces by people in adjacent buildings. Artificial lawns may be used anywhere within DU5/6s but must be designed, installed and maintained to appear realistic when standing on the artificial turf.

C. Tree Classes

Different types or classes of trees are required to create the diverse garden city landscape look of “Old Arizona.” There are four (4) tree classes that are used in each of the various landscape character areas: Evergreen, Canopy, Accent and Palm. The plants permitted in each of these tree classes are charted in **Exhibit 5.10 – DU5/6s Plant Palette**. The use, placement and combination of these tree classes along with the tree species, the understory planting and the ground plain treatments create the differences between the landscape characters. While any tree species may be included in more than one tree class, each tree class has a particular role for which it is typically used.

a. Evergreen

The Evergreen tree class includes pines and trees that provide full green color year around without any significant loss of leaves seasonally. This tree class is used to hold the green, vibrant look of the streetscape when other trees drop their leaves. This class is also used to screen views of adjacent uses and is often used in a grouping or as part of a larger pattern.

b. Canopy

The Canopy tree class is the workhorse tree providing the mass of the streetscape. This class includes a wide variety of trees ranging from native desert to formal garden. Mesquite, Palo Verde, Acacia, Olive, Oak, Elm, and Ash are all typical of this tree class. This tree class is used to provide a majority of the broad shade needed for the pedestrian experience, grows formally enough to be planted in parkways without destroying the pavement, and provides a full, solid look to visually enclose the streetscape for a majority of the year.

c. Accent

The Accent tree class provides the visual accent and playful fun to the landscape setting. This class also includes a wide variety of trees ranging from native desert to formal garden. Trees with colorful foliage, seasonal flowering displays, unique bark color or interesting architectural forms make up this class. This tree class is used to accent the Memory Points in the community and is often used at neighborhood entries, parks, places that are socially important or other places where people gather. This tree class is also used to provide general interest as a highlight in large masses of other tree classes.

d. Palms

The Palm tree class provides the vertical accent and vertical enclosure of the streetscape. This class also includes palms that are appropriate to the urban Sonoran Desert setting. These trees are often used in a grouping or as part of a larger pattern and rarely as an individual. This tree class is used to accentuate Memory Points in the community and may be used at neighborhood entries, parks, places that are socially important or other places where people gather. This tree class may also be used to enclose or create outdoor rooms and to direct the eye in the streetscape. This tree class is also used to provide wayfinding or a placemaking hierarchy in the community.

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## D. Plant and Landscape Character

Landscape within DU5/6s is generally broken into three (3) landscape characters: Shaded Parkways, Shaded Boulevards and Parks and Gardens as shown generally on **Exhibit 5.4 – Landscape Character – Public Spaces**. In addition to these, landscape that may include decorative plants not on the approved plant list, plants that may be water intensive and lawn may be used in public or private areas that are placed to encourage the use of outdoor spaces or are very heavily used by pedestrians. Within private spaces, these same characters are shown on **Exhibit 5.5 – Landscape Character – Private Spaces**.

### 1. Shaded Parkways

The Shaded Parkways landscape character is inspired by the turn of the century garden city neighborhoods of “Old Arizona” and Central Phoenix. These landscapes are used to create a pedestrian dominated streetscape. This character narrows the perceived width of the pavement, slows traffic and shades curb-separated sidewalks. The corresponding plant palette is selected to work in the narrow parkways while providing a tunnel of shade and color accents. The palette also includes evergreens to accentuate the seasonal changes. Palms may also be a part of this landscape character. Their height helps to enclose the streetscape and dominate the space to reduce speed. Understory planting in this character area must be able to handle some foot traffic as people walking to and from parked cars along the parkway. Understory plantings must also be versatile to be able to grow in both heavily shaded and sunny settings. Plants that go barren seasonally should be mixed with evergreen vegetation so that the visual space of the roadway is held visually tight year round. These landscape character areas are often dominated by paved/hardscape areas under the tree canopies. All non-paved, non-turf areas shall be covered by dark one half (1/2) inch to one and one half (1-1/2) inch gravel with minus and some larger two (2) inch stones in the mix or four (4) inch to six (6) inch cobble such as “Express Brown,” “Apache Brown,” “Black Cherry,” “Table Mesa Brown,” or “Saddleback Brown” and shall be planted. Other decorative rock gradations may also be considered if appropriate to their setting. Compacted decomposed granite may also be used as a paving material for walkways (such walkways if used for a required ADA route must be ADA compliant).

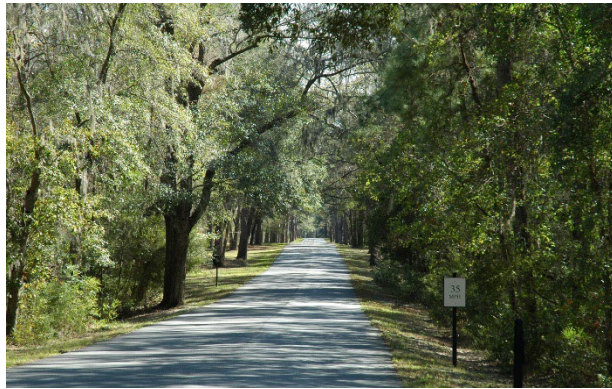


## DU 5 & DU 6 South DUP



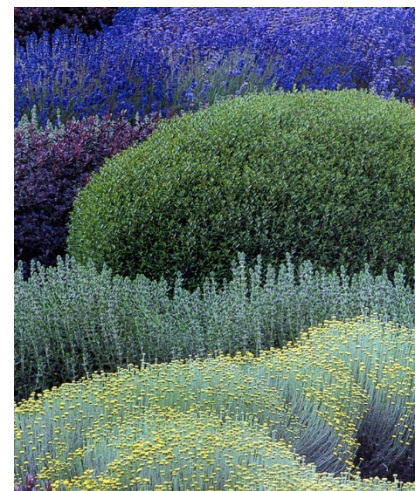
### 2. Shaded Boulevards

The Shaded Boulevards landscape character is inspired by old county highways that make their way through tree covered areas to provide access to near-town neighborhoods. Like Shaded Parkways, these landscapes are used to narrow the perceived width of the pavement, slow the traffic and shade the adjacent sidewalks. The corresponding plant palette is selected to work in the narrow spaces along the street while providing walls of green landscape to enclose the road. The palette includes evergreens to accentuate the seasonal changes and palms whose height helps to enclose the streetscape and provide vertical accent. Vertical forms of vegetation may be used specifically to screen adjacent uses from the streetscape. Understory plantings must be versatile to be able to grow in both heavily shaded and sunny settings. Plants that go barren seasonally should be mixed with evergreen vegetation so that the visual space of the roadway is held visually tight year round. These landscape character areas are often dominated by paved/hardscape areas under the tree canopies. All non-paved, non-turf areas shall be covered by dark one half (1/2) inch to one and one half (1-1/2) inch gravel with minus and some larger two (2) inch stones in the mix or four (4) inch to six (6) inch cobble such as "Express Brown," "Apache Brown," "Black Cherry," "Table Mesa Brown," or "Saddleback Brown" and shall be planted. Other decorative rock gradations may also be considered if appropriate to their setting. Compacted decomposed granite may also be used as a paving material for walkways (such walkways if used for a required ADA route must be ADA compliant). While pedestrians are accommodated in these spaces, they are not necessarily intended to be engaging pedestrian experiences. This landscape character area is typically designed to be experienced from an automobile, but may have more detail, focus and a formalization of planting patterns at neighborhood entries. Neighborhood entries may also be accented with plantings, walls and columns that compress the space creating a threshold for the neighborhood.



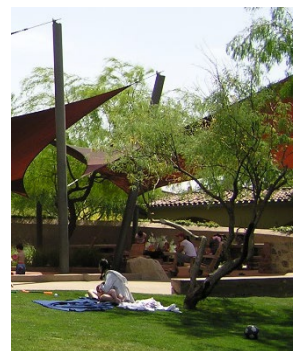
### 3. Parks and Gardens

The Parks and Gardens landscape character is the turn of the century parks and gardens. Like well kept front yards, this landscape character creates outdoor rooms and space for long term enjoyment by users. The scale of these spaces can range dramatically from small front yards to intimate neighborhood parks to the expanse of the Eastmark Great Park. Similarly the plant type can vary dramatically from arid desert clusters to sprawling tree-lined lawns to lush, oasis-like planting in heavily used kinetic areas. The corresponding plant palette is broad to handle these various types of planting. This landscape character often in large areas is combined with pockets of Linear Arroyo or Riparian landscape character areas. Vertical forms of vegetation, including palms and pines, may be used specifically to screen adjacent uses and lighting or to enclose larger open areas. Understory plantings must be versatile to be able to grow in both heavily shaded and sunny settings. Plants that go barren seasonally should be mixed with evergreen vegetation so that the space is inviting to users year round. These landscape character areas may be dominated by paved/hardscape areas under the tree canopies, open lawns, bodies of water or large recreational uses. Dramatic grade changes are permitted in this landscape character and often the landscape may be depressed to contain flood water to use as



## DU 5 & DU 6 South DUP

natural supplemental irrigation. All non-paved, non-turf areas shall be covered by dark one half (1/2) inch to one and one half (1-1/2) inch gravel with minus and some larger two (2) inch stones in the mix or four (4) inch to six (6) inch cobble such as "Express Brown," "Apache Brown," "Black Cherry," "Table Mesa Brown," or "Saddleback Brown" and shall be planted. Other decorative rock gradations may also be considered if appropriate to their setting. In this character area boulders of the same color as the ground plain treatment may be included, but should typically be two-thirds (2/3) buried unless used as an artistic statement. Compacted decomposed granite may also be used as a paving material for walkways (such walkways if used for a required ADA route must be ADA compliant). These areas may be designed to provide an experience from an automobile, but this landscape character area is primarily intended to provide engaging pedestrian experiences. The level of detail and focus will likely vary through the character area with emphasis put on areas that attract heavy kinetic use by residents and guests. Plantings may be formal or organic in form and may intentionally provide dramatic juxtaposition of the two forms. Planting in this landscape character may also include vegetable and flower gardens including many species not included in the plant palette. This landscape character may also include Shaded Parkway or Shaded Boulevard landscapes at its edges where it interacts with the surrounding streetscapes.



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## Exhibit 5.4 – Landscape Character – Public Spaces

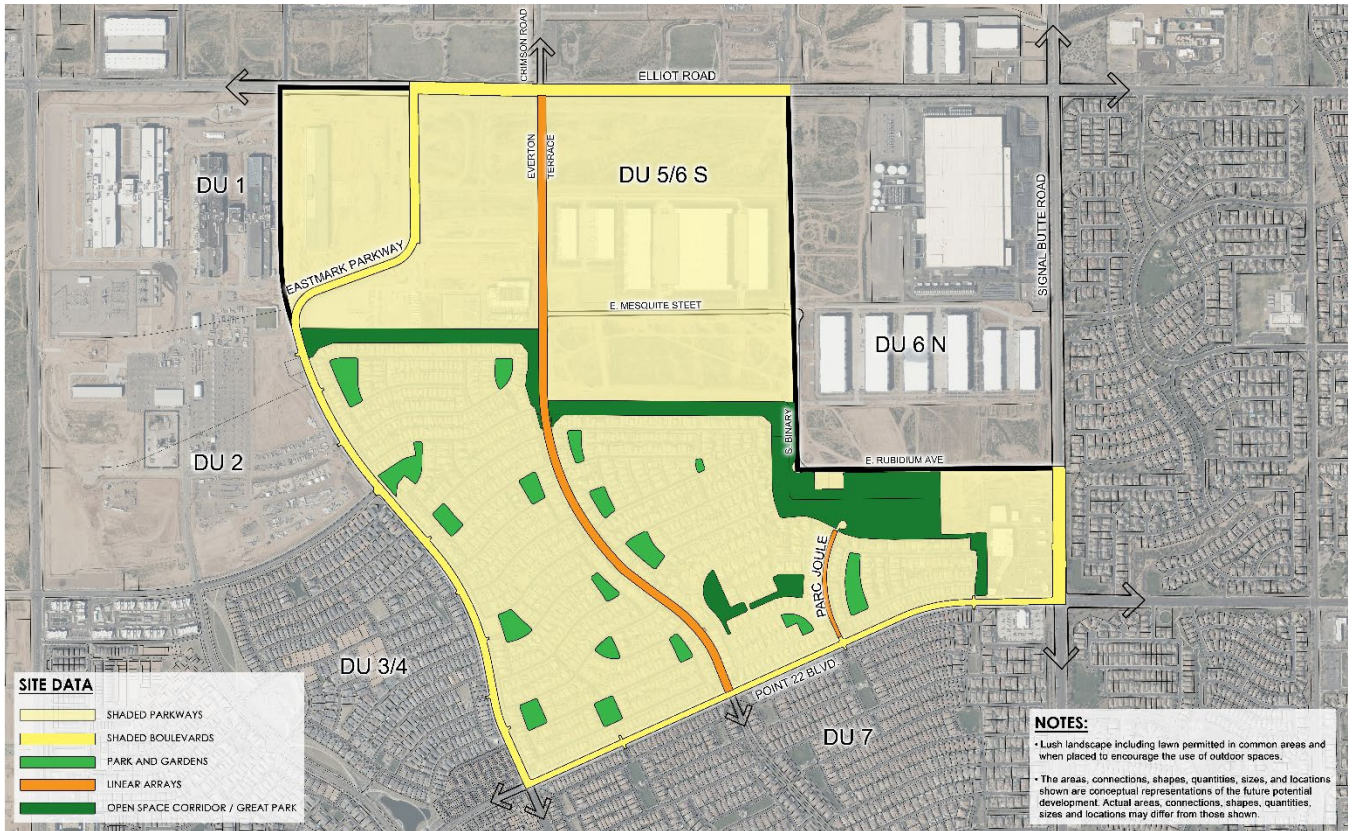
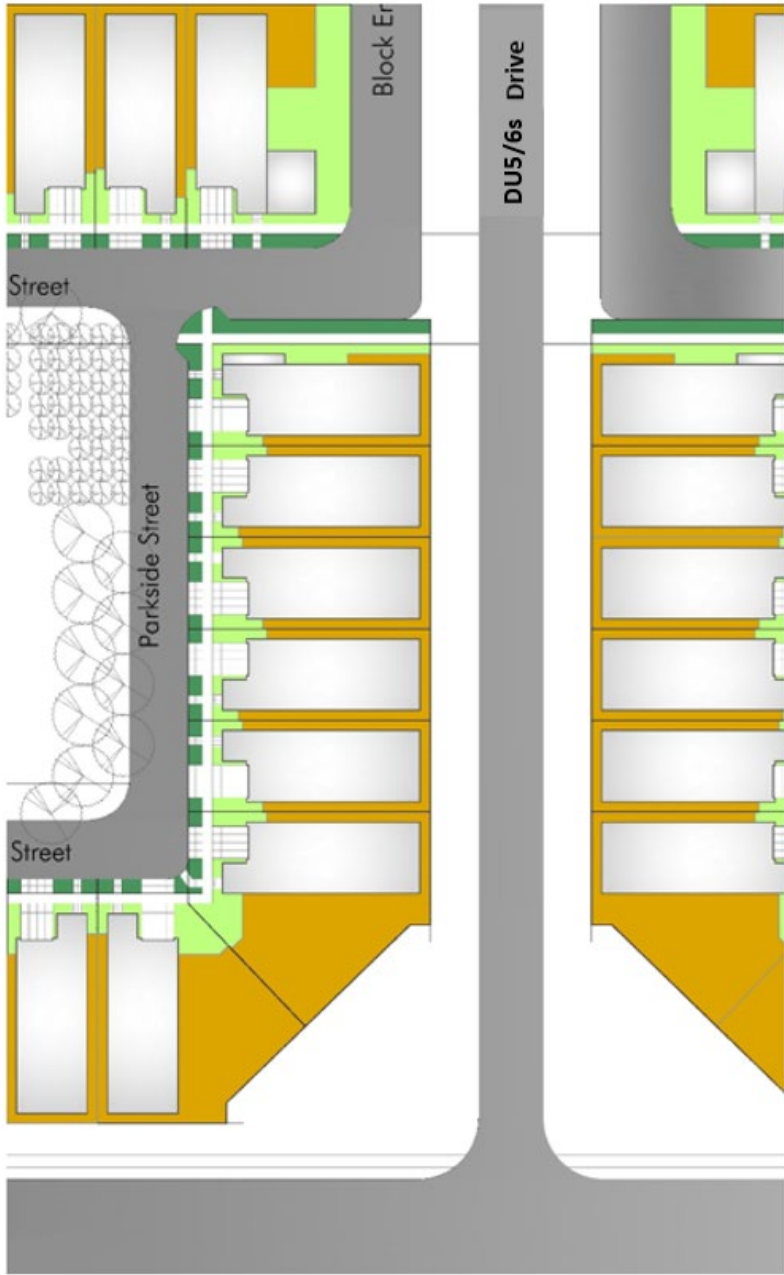





Exhibit 5.5 – Landscape Character – Private Spaces



N.T.S.

-  Shaded Parkways
-  Parks and Gardens\*
-  Private Yards

## DU 5 & DU 6 South DUP

### Notes:

\*The Parks and Gardens landscape type may be substituted for any other landscape character provided it is complementary to the architecture and appropriate to the setting.

Private Yards (enclosed by architecture or privacy walls) are not restricted. The areas, connections, shapes, quantities, sizes and locations shown are conceptual representations of the future potential development. Actual areas, shapes, sizes and locations may differ from those shown.

### E. Plant Types within the Public Right-of-Way (ROW)

Within the public right-of-way, the landscape character shall be as described below and as shown in the various exhibits 5.6 to 5.9. Sidewalks shall be provided in the landscape area within the right-of-way as described below and as shown in **Exhibit 4.1 - Pedestrian Corridors**. The sidewalks shall be paved as described in the Pedestrian Circulation section of this DUP.

All non-paved areas shall be covered by a natural desert cobble or dark 1/2 inch to 1-1/2 inch gravel with minus and some larger two (2) inch stones in the mix or four (4) inch to six (6) inch cobble such as "Express Brown," "Apache Brown," "Black Cherry," "Table Mesa Brown" or "Saddleback Brown" and shall be planted. The understory planting must be shrubs, succulents or cactus planted organically, in large formal masses or in hedgerows as described below. Shrub/succulent planting shall be dense and not less than one (1) plant every five (5) feet (planted approximately one (1) plant per twenty-five (25) square feet). All plantings with sight distance areas must meet the requirement of the City of Mesa.

The grading of non-paved landscape areas in the right-of-way should be depressed below the curb and adjacent pavement to collect rainwater and channel it toward vegetation.

An optional tall, decorative rear yard/neighborhood perimeter fence may be provided approximately ten (10) feet behind the sidewalk along Point Twenty-Two Boulevard. Side yard fences may be provided five (5) feet behind the sidewalk along Neighborhood Streets and Parkside Streets.

Plants within the Public ROW will be consistent with the plant palette contained herein and will also be consistent with the plant theme already established within DU6s and DU6n. It is possible that the plant palette may change as it transitions to the west based on future uses in those areas. See Exhibits C.3a and C.3b below.

#### 1. Signal Butte Road

This streetscape as shown in **Exhibit 5.6 – Landscape within Public Right of Way – Signal Butte Road**, is currently dominated by the tall, rusty 69kv power line poles on the west side of the roadway. Just beyond the power lines a significant regional floodway is planned. Half of Signal Butte Road falls within Eastmark and the right-of-way includes approximately eighteen (18) feet behind face of curb. This space is part of the Shaded Boulevards landscape character, but interfaces the entire length with the adjacent Linear Arroyos landscape character in the floodway. Within this space, the Palm tree class may be incorporated to minimize the visual effect of the power poles on the skyline. It is likely that the Canopy, Accent and Evergreen tree types along this segment of Signal Butte will take on a more desert character to blend with adjacent floodway. This segment also includes a fence and hedge to complement and extend the look of the streetscape in front of Apple's manufacturing facilities to the north.

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Landscaped medians on Signal Butte Road are not planned. Streetlights may be placed behind back of curb on the west side of the roadway typically located in the parkway (six (6) foot landscape area between face of curb and edge of sidewalk).

Six (6) foot sidewalks will be provided along both sides of the street. Sidewalks on both sides will be detached from the curb typically by at least six (6) feet of landscape from face-of-curb. While the sidewalks will be generally parallel to the roadway, they may include staggered offsets to provide interest for the pedestrian.

### 2. Point Twenty-Two Boulevard/Eastmark Parkway

The right-of-way shall be located at back of curb and shall not include landscaped areas except a twelve (12) foot wide (face-of-curb to face-of-curb) raised landscaped median. Landscape within the median is intended to be planted per the Shaded Boulevards landscape character. The median is intended to be planted with tree typically thirty (30) to forty (40) feet on center in the middle of the median. Typically streetlights will be located in the median to minimize their visual impact. The first two (2) feet behind back of curb in the median may be paved with pavers or stamped concrete. Landscape beyond the right-of-way shall typically be planted per the Shaded Boulevards landscape character in the parkways and median and Parks and Gardens landscape character in the wider landscape areas as shown in **Exhibit 5.7 – Landscape within Public Right of Way – “Point Twenty-Two Boulevard”**. Riparian landscape character areas may come in close proximity to the right-of-way in proximity to the Great Park.

Six (6) foot sidewalks will be provided along both sides of the street. Sidewalks on both sides will be detached from the curb typically by at least six (6) feet of landscape from face-of-curb.

### 3. Neighborhood Streets / End Block Streets / Neighborhood Entries

The right-of-way shall be located at back of curb and shall not include landscaped areas. Landscape beyond the right-of-way shall typically be planted per the Shaded Parkways landscape character. Five (5) foot sidewalks will be provided along the sides of the street that engage the front of a home, an adjacent use or on at least one side of street when the street connects two blocks together. Sidewalks will typically be detached from the curb by at least six (6) feet of landscape from face-of-curb. The sidewalks will typically be parallel to the roadway. See Neighborhood Entries as shown in **Exhibit 5.8 – Landscape within Public Right of Way – Neighborhood Entries**.

### 4. Parkside Streets

The right-of-way shall be located at back of curb and shall not include landscaped areas. Landscape beyond the right-of-way is intended to typically be planted per the Shaded Parkways landscape character in parkways and Parks and Gardens landscape character in wider landscape areas as shown in **Exhibit 5.9 – Landscape within Public Right of Way – Parkside Streets**. Five (5) foot sidewalks will be provided along the house side of the street. Sidewalks will typically be detached from the curb typically by at least six (6) feet of landscape from face-of-curb. The sidewalks will typically be parallel to the roadway except on the park side where the sidewalk may meander far from the road edge to engage the uses within the park. Such sidewalks should not meander so far that “cross country,” unpaved routes are created and used by “through” pedestrians desiring a direct route.

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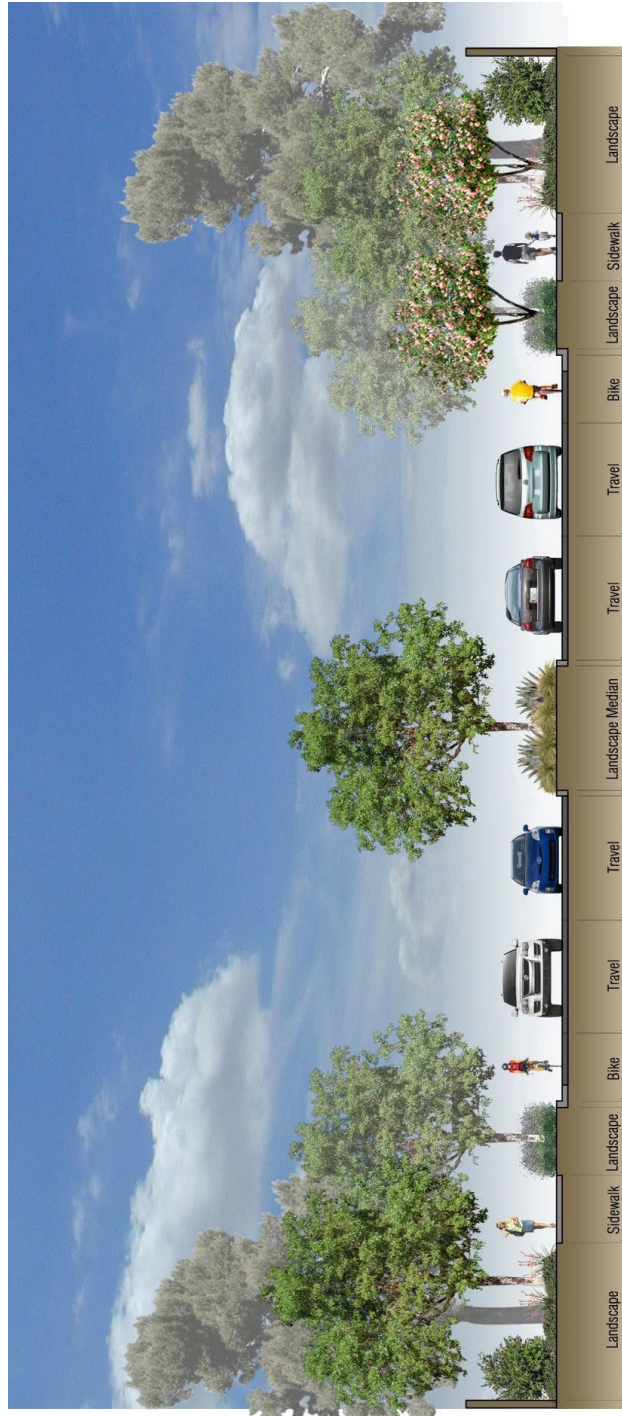
Exhibit 5.6 – Landscape within the Public Right of Way – Signal Butte Road





# DU 5 & DU 6 South DUP

Exhibit 5.7 – Landscape within the Public Right of Way – “Point Twenty-Two Boulevard”



# DU 5 & 6 South DUP

## Exhibit 5.8 – Landscape within the Public Right of Way – Neighborhood Entries



Asymmetrical Entry – Sidewalk One Side (only if permitted by City Traffic Engineer)



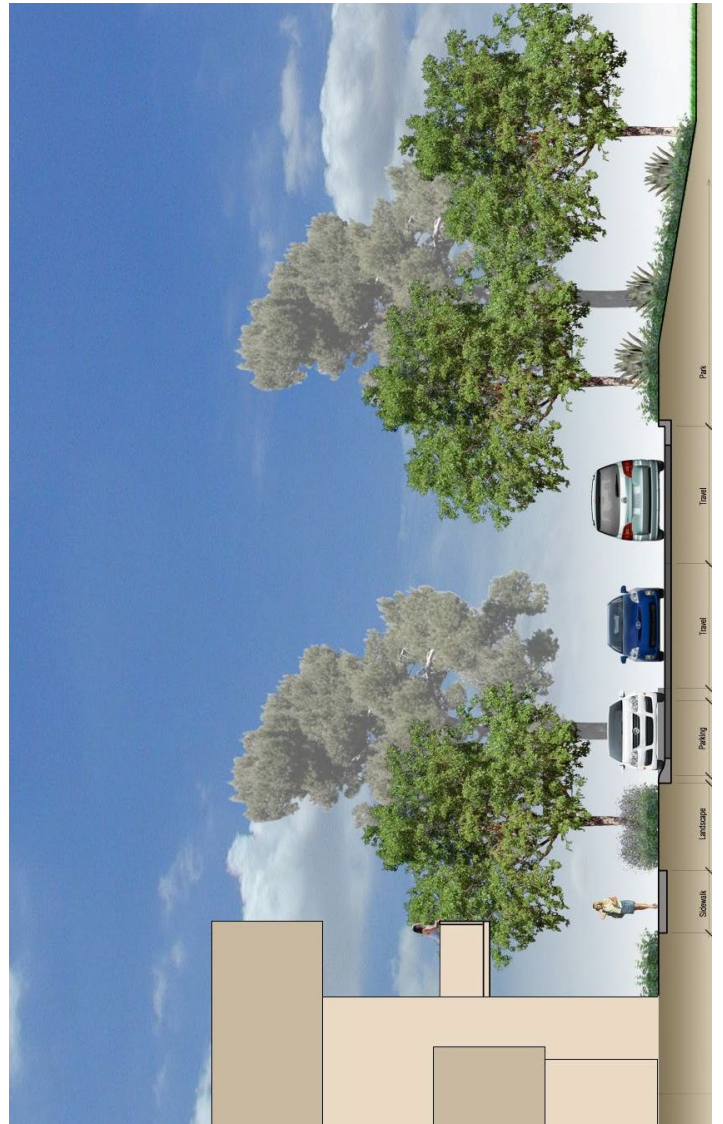
Symmetrical Entry – Sidewalk Both Sides

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## Exhibit 5.9 – Landscape within the Public Right of Way – Parkside Streets



With Lawn along the Parkside



With Planting Beds along the Parkside

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### F. Ownership and Maintenance Responsibilities

In private landscapes within DU5/6s, maintenance shall be the responsibility of the landowner. In public landscapes within DU65/s, maintenance responsibilities shall be as outlined in Section 3.6, (c) of the Pre-Annexation Development Agreement between the City of Mesa and DMB Mesa Proving Grounds LLC and as further outlined in the Community Maintenance Agreement and any amendments, thereto.

### G. Landscape Architecture Theme(s) and Design Standards for Landscaping

The landscape architecture themes shall be as outlined in **Section 5.3 D. - Plant and Landscape Character** of this DUP. The design standards for landscaping including fences, walls and sentinels, within DU6s can be found throughout **Section 5.3 – Landscaping**. In addition to these standards are the following:

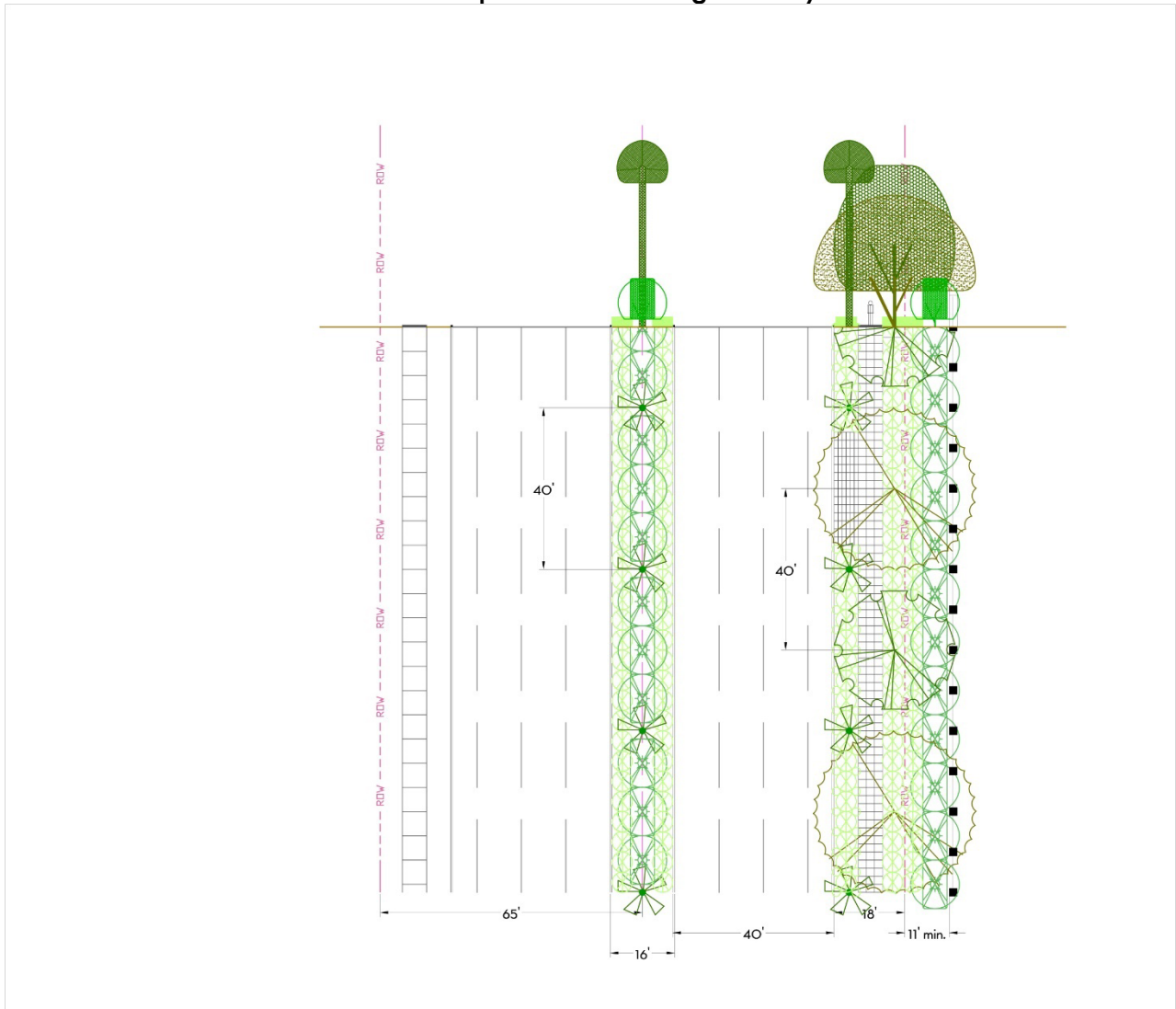
The landscape architecture themes shall be as outlined in **Section 5.2 B - Plant and Landscape Character** of this DUP. The design standards for landscape within DU5/6s can be found throughout **Section 5.3 – Landscaping**. In addition to these standards are the following:







Tall “Old Arizona” landscape should surround buildings in DU5/6s if appropriate. The specific plant palette shall be chosen to include species that will be taller than the building’s parapet height so that landscape can “break the ridge line” if necessary and desirable.

Large areas of DU5n may be utilized for ground mounted solar panel fields and an enclosed electrical substation. The operational requirements of equipment in these areas may require that no vegetation be installed or allowed within these areas. However, these areas shall be fully covered with dark 3/4 inch to 1-1/2 inch screened gravel or 4 inch to 6 inch cobble such as “Black Cherry,” “Table Mesa Brown” or “Saddleback Brown”, but its size and composition may vary from the standards in this section to accommodate the operation requirements of the equipment.

# DU 5 & DU 6 South DUP

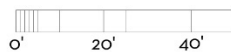
## Exhibit C.3a – Landscape within Public Right of Way – Elliot Road



-  Palm
  -  Sissoo (Upright Tree)
  -  Mesquite (Desert Tree)
  -  Texas Ebony - Hedged
  -  Understory Planting\*
  -  Tall, Decorative, Security Fence (optional)
- \* Understory planting in mass, linear and generally perpendicular to the roadway - formally planted, on a 5' grid - Sage, Ruellia, Boxwood, Myrtle, Rosemary, Deer Grass, Agave, Prickly Pear

### Notes:

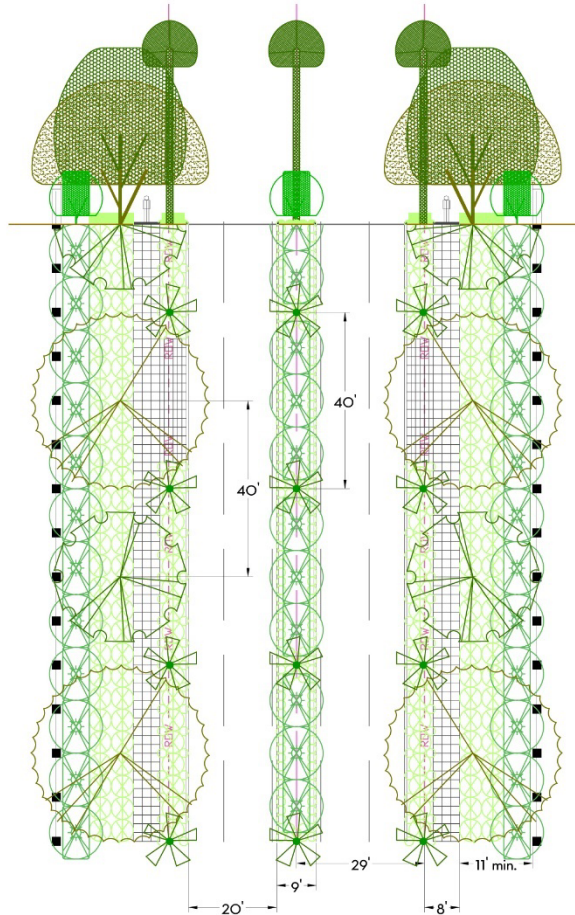
- Typical section shown above
- Sidewalk width per Exhibit C.1 - Pedestrian Circulation
- Dark colored crushed granite per Section C.3. C. - Plant Types within the Public Right-of-Way (ROW)
- Grading of non-paved landscape areas should be depressed below the curb to collect rainwater
- Streetlights will be located in the median



EAST

04 APRIL 2011

Exhibit C.3b- Landscape within Public Right of Way – “District Street”



■—■—■ Tall, Decorative, Security Fence (optional)  
 \* Understory planting in mass, linear and generally perpendicular to the roadway - formally planted, on a 5' grid - Sage, Ruellia, Boxwood, Myrtle, Rosemary, Deer Grass, Agave, Prickly Pear

Notes:

- Typical section shown above
- Sidewalk width per Exhibit C.1 - Pedestrian Circulation
- Dark colored crushed granite per Section C.3. C. - Plant Types within the Public Right-of-Way (ROW)
- Grading of non-paved landscape areas should be depressed below the curb to collect rainwater
- Streetlights will be located in the median



## DU 5 & DU 6 South DUP

### 1. Fences and Walls

Fences or walls visible from publicly accessible areas, right-of-way or adjacent properties must meet the following requirements:

- Fences must be constructed of decorative materials such as wrought iron – wood, plastic or vinyl fences are typically not permitted
- Fences with metal posts must be capped
- Fences must be screened with some vegetation
- Metal fences should have a dark, matte finish (paint or coating)
- Corners and ends require columns that are larger (height and width) than the mass of the fence or wall
- Fence or wall material and color must a.) blend with the landscape setting using colors that do not contrast with the vegetation OR b.) be complementary and compatible with the building architecture
- Walls are typically constructed of masonry units, concrete, or similar product
- Walls must be made or faced with materials such as stone, brick, slump block, and patterned block; or must be finished with a sand finished stucco
- Perimeter/rear yard walls between six (6) and eight (8) feet in height shall be permitted along District and Arterial streets. Eight (8) foot fences are also allowed adjacent to commercial uses.
- Chain link fence is not permitted
- Fences or walls taller than forty-two (42) inches are not permitted in the minimum required "building setback – street" per the CP
- Fence and wall locations should be placed or sized to respect sight distance restrictions



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Electrical or mechanical yards that may be screened by a wall must also use vegetation to partially screen the wall. These solid enclosure walls are not permitted to be a dominate design element. Equipment that is taller than the wall that encloses them must be masked or complemented by landscape of similar height and form to lessen the visual impact of the taller equipment.

- Fences must be a.) screened entirely by vegetation OR b.) must have a change in setback (offset) of at least eight (8) feet (in plain view) within each 250' of wall length
- Corners and ends require columns that are larger (height and width) than the mass of the fence or wall
- Changes in top of wall or fence height are only permitted at columns and require a minimum two (2) foot setback offset (plan view)
- Fence or wall material and color must a.) blend with the landscape setting using colors that do not contrast with the vegetation OR b.) be complementary and compatible with the building architecture
- Walls must use vegetation to screen the wall visually so that the solid wall is not a dominate design element
- Walls must be made or faced with materials such as stone, brick, slump block, and patterned block; or must be finished with a sand finished stucco
- Walls must be topped/capped with a decorative cap that is wider than the mass of the wall
- Walls must a.) have decorative window or door openings or similar decorative element every eighty (80) feet, OR b.) must have a change in setback (offset) of at least eight (8) feet (in plain view) within each 250' of wall length
- Chain link fence and Dooley block walls are not permitted
- Fences or walls taller than forty-two (42) inches are not permitted in the minimum required "building setback street" per the CP

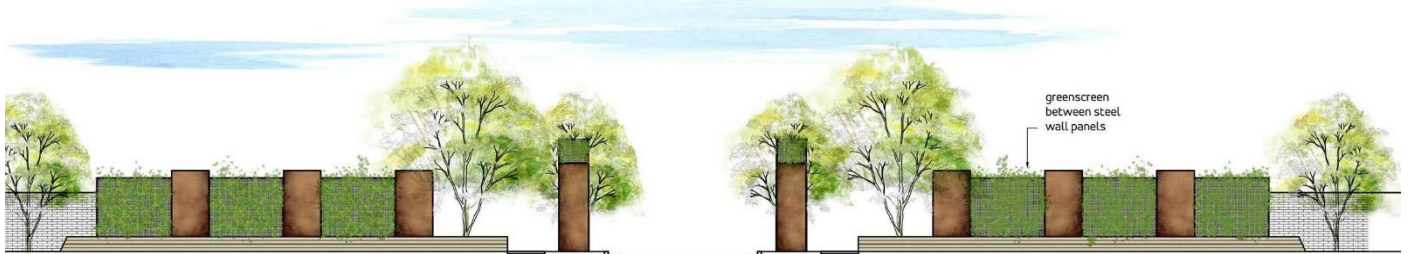
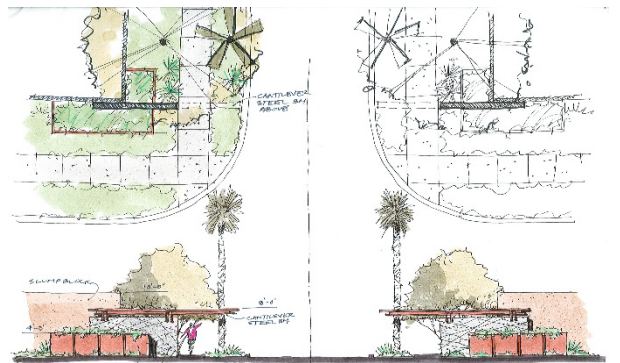
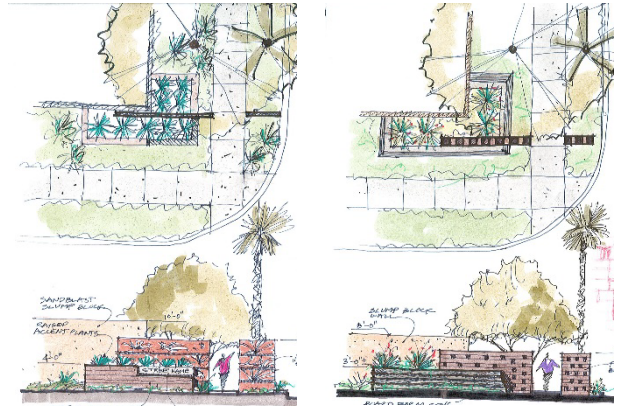
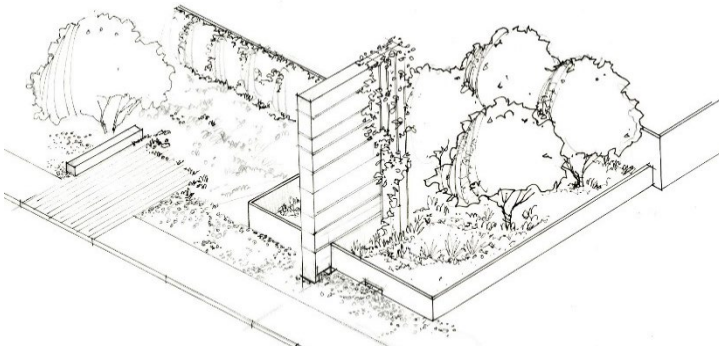
Large equipment, electrical or mechanical yards that may be screened by a wall must also use vegetation to screen the wall visually. These solid enclosure walls are not permitted to be a dominate design element. Equipment that is taller than the wall that encloses them must be masked or complemented by landscape of similar height and form to lessen the visual impact of the taller equipment.

### 2. Sentinels

At neighborhood and community entries, sentinels may be positioned to create a narrow threshold. Sentinels may take the form of decorative wall extensions, decorative columns or a combination of such elements.

## DU 5 & DU 6 South DUP

- Sentinels must be constructed of permanent, long lasting, decorative materials
- Sentinels may be illuminated or visually accented by material or color choice
- Sentinels may be much higher than adjacent fences or structures
- Sentinels typically may visually narrow/compress the roadway by being located two feet from back of curb on either side.
- Sentinel material and color must complement or artistically contrast their landscape and architectural setting
- Sentinels should be placed or sized to respect sight distance restrictions



## DU 5 & 6 South DUP

### H. Miscellaneous Streetscape and Open Space Elements

The streetscape and open space landscape characters are described throughout Section 5 of the DUP. The streetscapes in DU5/6s are designed as outdoor rooms whose landscape character is described in detail in **Section 5.3 E. – Plant types within the Public Right-of-Way (ROW)** and **Section 4.1 – Pedestrian Corridors**. The open space areas of DU5/6s will be comprised primarily of the neighborhood park areas whose composition is described in detail in **Section 5.2 – Common Areas**.

Because open spaces outside of the streetscapes in DU5/6s are primarily park spaces, the landscape character of open spaces will be primarily Parks as described in **Section 5.3 D. – Plant and Landscape Character**. The park areas in DU5/6s will also include pockets of natural desert to contrast the formal park plantings. These natural pockets will likely occur at the edges and corners of the park spaces. The parks may also include low lying areas especially when the park is also used to store storm water. These areas will likely incorporate plants from the Riparian landscape character. These two additional landscape characters may be used anywhere in the parks of DU5/6s. Because of the desire to transition to adjacent uses within the boundaries of DU6/5s, the pedestrian corridors along perimeter streets may have landscape screening and a decorative metal security fence and/or masonry wall between the pedestrian corridors and the interior uses of DU5/6s. This landscape screening shall be of low water use planting material that can provide year-round solid green screening of interior uses. The sidewalk shall generally be shaded by street trees. This space along the perimeter roadways will likely be the only public space in DU5/6s. The private interior areas may include park like landscapes, but these spaces are not required.

Temporary screening shall be installed between phases of development within DU5/6s. This screening shall limit lighting and views of loading and staging areas between buildings. This screening may be in built form or vegetation.

Street furniture, street lighting and signals, public art and bus shelters shall be consistent with themes established by Master Developer and approved by the City of Mesa. Metal elements in these areas shall typically be painted or power coated in a dark bronze or copper hue unless another color is chosen by the Master Developer as part of an overall streetscape design package and approved by the City of Mesa.

#### 1. Hardscape

Hardscape in the streetscape and open spaces of DU5/6s will primarily be standard gray concrete. In walkways, the hardscape may be scored to create two (2) by two (2) to three (3) by three (3) panels to reduce the visual size of the pavement. Colored or textured concrete is not required but may be used in the private open spaces and neighborhood parks. The use of alternative paving materials such as brick, flag stone, paving stones, and concrete pavers in areas where people gather and linger should be encouraged. The use of alternative paving materials in the roadways is not anticipated, but may be permitted with the approval of the City Engineer and City Traffic Engineer and may be used to strengthen the threshold effect at neighborhood entries or to slow traffic and draw attention to important social locations.

#### 2. Street Furniture

## DU 5 & DU 6 South DUP

Street furniture along the streetscape in DU5/6s shall not be required but is permitted in the styles complementary to the overall landscape and architectural styles described in this DUDG. Street furniture in open spaces will vary dramatically and should complement the landscape and architectural setting. Typically furniture will be one of two types. The first type will be legacy pieces positioned to have importance and of a quality that will last for decades. While these pieces may be few, they are provided intentionally to create a long term bond with their users. The second type will be very functional furniture. These pieces may be light weight, of lesser quality materials, which are still durable. These pieces are placed for convenience and are typically easy to move and re-locate to serve the ever changing needs of the open space user.

Landscape walls whenever appropriate should be designed to be additional built in furniture. Wall heights and tops should be designed to encourage their use as a seat wall or as a high cocktail seat (allowing the user to lean on the wall with a bent knee and the foot resting on the vertical surface of the wall). Designs that discourage sitting on the wall should be discouraged.

Furniture such as trash receptacles and bike racks should be simple, practical design solutions similar to those found in a typical commercial setting. These pieces may be artful or custom creations, when appropriate additions to their setting, but should otherwise be dark finished and not call attention to themselves.

### 3. Public Art

While public art is not required in DU5/6s, there are many locations where the addition of public art could be incorporated. Public art can most easily and appropriately be added to focal points in open space settings. At these key locations, the artwork can be appreciated by users of the open space who have time to linger and experience the artwork. Art can also be incorporated in the design of the neighborhood sentinels or the landscape surrounding the entry thresholds. In these locations the art work will not likely be experienced at a pedestrian level, but rather would be a sign of wealth, power or pride for the neighborhood strengthening community stewardship. Public art should not be placed randomly or without relationship to its context in the along the streetscapes or in the open spaces of DU5/6s.

### 4. Shade Structures

Shade structures along the streetscape such as bus stops and in open spaces such as ramadas or gazebos should be designed in a character as described in **Section 5.2.9 – Built, Protective Shade** of this DUP. These structures should be designed to be a substantial and integral part of their landscape setting. Even when these elements are iconic or focal, they should be dominated or surrounded by the landscape that surrounds them.

### 5. Playground Equipment

Playground Equipment in DU5/6s is not required in every park, but when present, will be appropriate to its setting. In neighborhood parks, the park spaces are designed as intimate settings. Simple play structures such as swings and slides complimented by the occasional small, decorative play structure are more fitting for these spaces. The grand regional activities and spaces of the Eastmark Great Park are more appropriate for grand, age targeted play structures. Whenever possible, these structures should be incorporated into or surrounded by landscape elements so they are not a void in the natural fabric of the community.

### 6. Water Features, Ponds and Fountains

## DU 5 & 6 South DUP

Within DU5/6s, water features, ponds and fountains are only anticipated in open spaces, and are not typically a part of the streetscape unless a window into adjacent open spaces is provided.

Fountains are not required in DU5/6s, but may be a regular part of open space settings. When present in neighborhood parks, fountains should be scaled appropriately to the size of the space and provide tranquil locations to linger in the park. Fountains should generally anchor human activity centers or accentuate socially important locations within the community.

### 7. Foundation Base (Landscape)

Along the streetscapes of DU5/6s, all non-paved landscape areas shall be planted, providing a foundation base for perimeter walls. This foundation base is not required at the neighborhood entries around the sentinels. In these locations, plaza or sidewalk paving may extend to the base of the sentinels.

In open spaces in DU5/6s hedges and shrub masses shall be used to create outdoor rooms. Around architecture within these open spaces, foundation base plantings are not required, but should be used when plazas or sidewalks do not extend to the base of the architecture. Foundation base plantings should be used at the base of the architecture unless patios, plazas and sidewalks that extend to the base of the architecture can provide useful outdoor space for walking or sitting. Architecture within open space entirely surrounded by pavement should be complemented by planted pots at the base of columns and framing building entries.

#### I. Street Perimeter Landscape Standards

Landscape standards including minimum plant size and quantity, parking area landscape and street perimeter landscape shall be per Section 12 – Landscape Standards, of the CP. Within DU5/6s, Street trees will predominately line the roadways (in organic or formal patterns) and be planted very close to the back of curb to minimize the visual width of the roads. As such, in most cases the minimum required Street Perimeter Landscaping will be provided by these street trees and the landscape planted beneath them in the parkways. Because private driveways and pedestrian plazas are anticipated in DU5/6s, large portions of the landscape under the trees may paved, turf or planted in flower beds. The remaining vegetation areas should be heavily planted so that they appear to be well kept garden spaces or dense natural clusters. Planting in these areas, while not required to exceed the minimum requirements, may often need to be much denser (one plant per twenty (20) square feet) to create this overall effect. Landscape within walled courts or yards that are not visible from adjacent public areas is not required. Such courts may be enclosed by walls, gates, fences or dense vegetation hedges. Landscape within DU5/6s may be clustered in areas where it will have a stronger effect on the overall landscape character. The minimum landscape requirements for Off-street Surface Parking Areas may be relocated to adjacent landscape areas to provide denser screening of parking areas from public view and perimeter streets.

In DU5/6s, the area between the ROW and any perimeter decorative metal security fence and/or masonry wall shall be considered Street Perimeter Landscape. This zone must contain a vegetation hedge which screens the presence of the fence. This hedge may be composed of Texas Ebony planted a maximum of twelve (12) feet on center. If a hedge is used, the hedge may have movement in its form, but should generally only be interrupted by driveways or emergency access points. At these locations, the screen hedge should wrap the corner and flow the intersection access way for a sufficient length as to screen view of on-site parking, equipment yard and solar panel fields. If a hedge is used, the hedge shall be grown and maintained as a tall solid hedge with a height equal to or greater than the height of the adjacent metal security fence and/or masonry wall. Dead or sick plants that form the visual screening hedge must be replaced efficiently.

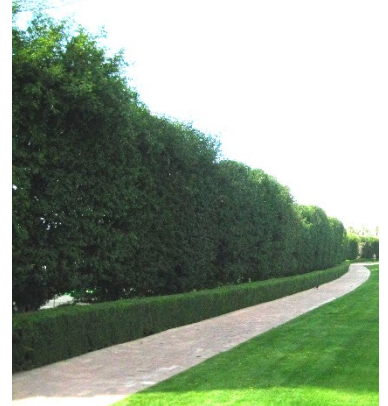
## DU 5 & DU 6 South DUP

Between the hedge and the ROW in non-paved areas, shrub/succulent planting shall be dense and not less than one (1) plant every five (5) feet (planted on a 5' grid – approximately one (1) plant per twenty-five (25) square feet). Street trees are typically required between back of curb and the sidewalk in the parkway and may be included behind or in front of the screening hedge (between the sidewalk and hedge), but are not required.

### J. Minimum Plant Size

Landscape standards including minimum plant size and quantity, parking area landscape and street perimeter landscape shall be per Section 12 – Landscape Standards, of the CP. Due to the fast growing nature of desert trees in the DU6s plant palette, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees as outlined in the City of Mesa zoning ordinances.

When hedges are used in the landscape, to ensure that trees utilized for “hedge” purpose have sufficient opportunity to be trained via controlled pruning and maintenance, it is appropriate to reduce the “typical” standard minimum plant size to allow for fifteen (15)-gallon minimum plant size in DU6s in exchange for an additional quantity of trees. An example of this is a hedge planted at a density of one (1) tree per twelve (12) linear feet of hedge with fifteen (15) gallon trees for the “Street Perimeter Landscaping”.







For DU5/6s, the design intent of the landscaping is, in part, to provide a “maximum” screening function. This may be accomplished by utilizing trees of sufficient size and density to act as a hedge. For many species of tree, the growth pattern is established early on in the plant's life cycle. It is typical for most commercial plant nursery operations to prune and train trees to look like trees (minimal foliage below the crown), not to look like a hedge (dense with vegetation from the ground up). Installing trees that are “tree trained” will not accomplish the “hedge” appearance as required to establish the DU5/6s landscape character.

To ensure that trees utilized for “hedge” purpose have sufficient opportunity to be trained via controlled pruning and maintenance, it is appropriate to reduce the “typical” standard to allow for fifteen (15)-gallon minimum plant size in DU5/6s in exchange for an additional quantity of trees. An example of this is a hedge planted at a density of one (1) tree per twelve (12) linear feet of hedge with fifteen (15) gallon trees for the “Street Perimeter Landscaping”. In addition, due to the fast growing nature of desert trees in the DU5/6s plant palette, the minimum size for required trees may be smaller if exchanged for an additional quantity of trees.





# DU 5 & 6 South DUP

## Exhibit 5.10 DU5/6s Plant Palette





### K. Trees

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
		Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Canopy	Accent	Palm
BOTANICAL NAME	COMMON NAME									
Acacia aneura 	Acacia Aneura	x	x	x			E	x	x	
Acacia farnesiana/smallii 	Sweet Acacia	x	x	x	x		E		x	
Acacia rigidula 	Blackbrush Acacia			x	x		E	x	x	
**Acacia salicina 	Willow Acacia	x	x	x			E	x		

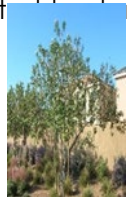



## DU 5 & DU 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
BOTANICAL NAME	COMMON NAME	Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D= Deciduous	Canopy	Accent	Palm
Acacia willardiana 	Palo Blanco	x	x	x	x		E		x	
Arecastrum romanzoffianum 	Queen Palm			x			E		x	x
Bauhinia lunaroides/congesta 	Anacacho Orchid	x	x	x	x	x	D		x	
Bauhinia variegata 'Candida' 	White Orchid Tree		x	x			D		x	






## DU 5 & 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
		Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D= Deciduous	Canopy	Accent	Palm
BOTANICAL NAME	COMMON NAME									
Brahea armata 	Mexican Blue Palm	x	x	x	x		E		x	x
** Carya sp. 	Pecan			x			E	x		
**Celtis reticulata 	Canyon Hackberry			x	x	x	D	x		
Cercidium species (see Parkinsonia species)	Palo Verde									
Chilopsis linearis species 	Desert Willow, 'Bubba', 'Lucretia Hamilton'	x	x	x	x	x	D	x	x	






## DU 5 & DU 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
		Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Canopy	Accent	Palm
BOTANICAL NAME	COMMON NAME									
Chitalpa <i>floribunda</i> 	Chitalpa	x	x	x			D	x	x	
**Citrus sp. 	Citrus Tree	x	x	x			E		x	
Cupressus <i>sempervirens</i> 	Italian Cypress	x	x	x			E		x	
Ebenopsis <i>flexicaule/ebano</i> (see <i>Pithecellobium</i> <i>flexicaule</i> )	Texas Ebony									
Ficus microcarpa 	Compact Indian Laurel Fig			x			D	x	x	






## DU 5 & 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
BOTANICAL NAME	COMMON NAME	Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Canopy	Accent	Palm
Fraxinus greggii 	Littleleaf Ash	x	x	x	x	x	E		x	
Fraxinus oxycarpa 'Raywood' 	Raywood Ash	x	x	x			D	x		
Fraxinus velutina 'Fan tex' 	Fan-tex Ash	x	x	x			D	x		
Fraxinus uhdei (Wenzig) Lingelsh 	Shamel Ash, Tropical Ash	x	x	x			D	x		
Geijera parviflora 	Australian Willow			x			E		x	






## DU 5 & DU 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
		Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Canopy	Accent	Palm
BOTANICAL NAME	COMMON NAME									
Jacaranda mimosifolia 	Jacaranda	x	x	x			D	x	x	
** Juniperus monospermus 	One Seed Juniper			x	x	x	E			
Lysiloma candida 	Feather Bush			x			E	x	x	
Olneya tesota 	Ironwood	x	x	x	x	x	E	x	x	
Parkinsonia floridum 	Blue Palo Verde	x	x	x	x	x	D	x	x	






## DU 5 & 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
		Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D= Deciduous	Canopy	Accent	Palm
BOTANICAL NAME	COMMON NAME									
Parkinsonia hybrid "Desert Museum" 	Desert Museum Palo Verde	x	x	x	x	x	D	x	x	
Parkinsonia microphyllum 	Foothills Palo Verde			x	x	x	D		x	
Parkinsonia praecox 	Palo Brea	x	x	x	x	x	D	x	x	
Phoenix dactylifera 	Date Palm	x	x	x	x		E	x	x	x
Pinus eldarica 	Mondel Pine	x	x	x			E	x		



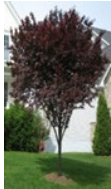


## DU 5 & DU 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
BOTANICAL NAME	COMMON NAME	Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Canopy	Accent	Palm
Pinus halepensis 	Aleppo Pine	x	x	x	x	x	E	x		
Pistacia atlantica x intergerima 	Red Push Pistache	x	x	x			D	x		
Pistachia chinensis 	Chinese Pistache	x	x	x			D	x		
Pistacia lentiscus 	Mastic Tree	x	x	x			E	x	x	
Pithecellobium f. Jle 	Texas Ebony	x	x	x	x		E	x	x	






## DU 5 & 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
		Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Canopy	Accent	Palm
BOTANICAL NAME	COMMON NAME									
** <i>Plantanus wrightii</i> 	Arizona Sycamore		x	x	x	x	D	x		
** <i>Populus fremontii</i> 	Fremont Cottonwood		x	x	x	x	D	x		
<i>Prosopis alba</i> 	Argentine Mesquite	x	x	x	x	x	D	x	x	
<i>Prosopis chilensis</i> 	Chilean Mesquite	x	x	x	x	x	D	x	x	
<i>Prosopis glandulosa</i> species 	Honey Mesquite, 'Maverick' Mesquite	x	x	x	x	x	D	x		






## DU 5 & DU 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
BOTANICAL NAME	COMMON NAME	Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D= Deciduous	Canopy	Accent	Palm
Prosopis hybrid 	Phoenix' Thornless Mesquite, 'AZT' Thornless Mesquite	x	x	x			D	x		
Prosopis velutina 	Velvet Mesquite	x	x	x	x	x	D	x		
Prunus cerasifera 'Purple Pony' 	Purple Leaf Plum	x	x	x			D			
Quercus buckleyi 	Red Rock Oak	x	x	x			D	x		
Quercus virginiana 'Heritage' 	Heritage Live Oak	x	x	x			E	x		


## DU 5 & 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
BOTANICAL NAME	COMMON NAME	Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D= Deciduous	Canopy	Accent	Palm
Rhus lancea 	African Sumac		x	x			E	x	x	
Robina ambigua 'Purple Robe' 	Purple Robe Locust		x	x			D	x	x	
Robina idahoensis 'Purple Robe' 	Idaho Locust		x	x			D	x	x	
Schinus molle Brazilian Pepper Tree 	Brazilian Pepper Tree			x			E		x	
Sophora secundiflora 	Texas Mountain Laurel	x	x	x	x		E		x	

## DU 5 & DU 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
		Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Canopy	Accent	Palm
BOTANICAL NAME	COMMON NAME									
<b>**Tipuana Tipu</b> 	Tipu			x			D	x	x	
<i>Ulmus parvifolia</i> V. 	Evergreen Elm Varieties	x	x	x			D	x		
<i>Vitex agnus-castus</i> 	Chaste Tree	x	x	x			D	x	x	
<i>Washingtonia filibusta</i> 	Hybrid from cultivation between <i>W. filifera</i> and <i>W. robusta</i> Fan Palm	x	x	x	x		E		x	x
<i>Washingtonia filifera</i> 	California Fan Palm	x	x	x	x		E		x	x

## DU 5 & 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class			
BOTANICAL NAME	COMMON NAME	Shaded Parkway	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D= Deciduous	Canopy	Accent	Palm
Washingtonia robusta 	Mexican Fan Palm	x	x	x	x		E		x	x

## DU 5 & DU 6 South DUP

### L. Shrubs

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Shrub Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
<i>Abutilon palmeri</i>	Indian Mallow		x	x	x		D	x	
** <i>Acacia craspedocarpa</i>	Leather Leaf Acacia		x	x	x		E	x	
<i>Alyogyne huegelii</i>	Blue Hibiscus		x	x			E	x	
<i>Ambrosia deltoidea</i>	Bursage		x	x	x	x	E		
<i>Anisacanthus andersonii</i>	Anderson's Honeysuckle			x	x		E	x	
<i>Anisacanthus quadrifidus</i>	Mountain Flame		x	x	x	x	E	x	
<i>Asclepias subulata</i>	Desert Milkweed	x	x	x	x	x	E	x	
<i>Atriplex lentiformis</i>	Quail Bush					x	E	x	
<i>Bauhinia lunaroides</i>	Anacacho Orchid	x	x	x			D		
<i>Bougainvillea species</i>	Bougainvillea	x	x	x			D	x	
<i>Buxus species</i>	Boxwood		x	x			E		
<i>Caesalpinia gilliesii</i>	Mexican Bird of Paradise		x	x	x		D	x	
<i>Caesalpinia mexicana</i>	Yellow Bird of Paradise		x	x	x		E	x	
<i>Caesalpinia pulcherrima</i>	Desert Bird of Paradise		x	x	x		D	x	
<i>Calliandra californica</i>	Red Fairy Duster		x	x	x		E	x	
<i>Calliandra eriophylla</i>	Native Fairy Duster		x	x	x	x	E	x	
* <i>Callistemon citrinus</i> 'Little John'	Little John	x	x	x			E	x	
<i>Carissa grandiflora</i>	Boxwood Beauty	x	x	x			E		
<i>Carissa grandiflora</i> 'Compacta'	Natal Plum		x	x			E		
<i>Cassia artemisoides</i>	Silver Cassia		x	x	x		E		
<i>Cassia nemophila</i>	Desert Cassia		x	x	x		E		
<i>Cassia phyllodinea</i>	Silver-Leaf Cassia		x	x	x		E		
** <i>Celtis pallida</i>	Desert Hackberry				x	x	E		
<i>Chrysactinia mexicana</i>	Damianita	x	x	x	x		E	x	
<i>Cordia boissierii</i>	Texas Olive	x	x	x	x		D		

## DU 5 & 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Shrub Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen n D=	Accent	Palm
BOTANICAL NAME	COMMON NAME								
<i>Cordia parvifolia</i>	Littleleaf Olive		x	x			D	x	
** <i>Cortaderia selloana pumila</i>	Dwarf Pampas Grass	x		x			E		
<i>Dalea bicolor</i> v. <i>argyraea</i>	Silver Dalea		x	x	x		D		
<i>Dalea frutescens</i>	Black Dalea		x	x	x		D		
<i>Dalea frutescens</i> 'Sierra Negra' TM	Sierra Negra Dalea		x	x	x		D		
<i>Dalea pulchra</i>	Indigo Bush		x	x			D	x	
<i>Dodonaea viscosa</i>	Hopbush		x	x	x	x	E		
<i>Dodonaea viscosa</i> 'Purpurea'	Purple-leafed Hopbush		x	x			E	x	
** <i>Ephedra viridis</i>	Mormon Tea			x	x	x	D		
<i>Eremophila racemosa</i>	Easter Egg Bush	x	x	x			E		
* <i>Eremophila glabra</i> 'Winter Blaze'	Winter Blaze	x	x	x	x		E		
* <i>Eremophila hygrophana</i>	Blue Bells	x	x	x	x		E		
<i>Eremophila</i> sp.	Valentine Bush	x	x	x	x		E		
* <i>Ericameria laricifolia</i>	Turpentine Bush	x	x	x	x	x	E		
** <i>Eriogonum</i> sp.	Buckwheat sp.				x	x	E		
<i>Euphorbia biglandulosa</i>	Gopher Plant		x	x			E	x	
<i>Euphorbia rigida</i>	Gopher Plant	x	x	x			E		
<i>Euonymus japonica</i>	Evergreen Euonymus	x	x	x			E		
<i>Europea</i> 'Little John'	Dwarf Olive Shrub	x	x	x			E		
* <i>Gaura lindheimeri</i>	Whirling Butterflies 'white'	x	x	x			D	x	
<i>Hibiscus rosa-sinensis</i>	Hibiscus	x	x	x			E	x	
<i>Jasminum mesnyi</i>	Primrose Jasmine	x		x			E		
<i>Juniperus chinensis</i> varieties	Juniper	x		x			E		
<i>Justicia californica</i>	Chuparosa		x	x	x	x	E	x	
<i>Justicia candicans</i> (ovata)	Red Honeysuckle		x	x			E	x	
<i>Justicia spicigera</i>	Mexican Honeysuckle		x	x			E	x	
<i>Lantana</i> species	Bush Lantana	x	x	x			E	x	
<i>Larrea tridentata</i>	Creosote		x	x	x	x	E		

## DU 5 & DU 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Shrub Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
Leucophyllum species	Sage Varieties		x	x	x		E	x	
Leucophyllum Candidum Thunder Cloud TM	Texas Sage		x	x	x		E	x	
Leucophyllum laevigatum	Chihuahuan Sage		x	x	x		E	x	
Leucophyllum zygophyllum 'Cimarron'	Cimarron Texas Ranger		x	x	x		E	x	
Ligustrum japonicum	Japanese Privet	x	x	x			E		
Lonicera japonica	Hall's Honeysuckle			x			E		
Lycium fremontii	Wolfberry				x	x	E		
Muhlenbergia capillaris	Pink Muhley	x	x	x	x		D	x	
Muhlenbergia rigens	Deer Grass	x	x	x	x		D	x	
*Muhlenbergia rigida 'Nashville' TM	Nashville Grass	x	x	x	x		D	x	
Myrtus communis	Myrtle		x	x			E		
*Myrtus communis v. 'Compacta'	Dwarf Myrtle	x					E		
Nerium oleander 'Petite Pink'	Petite Pink Oleander			x			E		
Nerium oleander varieties	Oleander		x	x			E	x	
Pittosporum tobira	Japanese Mock Orange	x	x	x			E		
Psilostrophe cooperi	Paperflower		x	x	x	x	D	x	
Punica granatum 'Nana'	Dwarf Pomegranate	x	x	x			E		
Pyracantha varieties	Pyracantha			x			E		
Rhus ovata	Sugarbush		x	x			E		
Rhus virens	Evergreen Sumac		x				E		
Rosa species	Rose	x		x			E		
*Rosmarinus officinalis	Rosemary		x	x			E		
Ruellia species	Ruellia	x	x	x	x	x	E		
*Ruellia brittoniana	Ruellia	x	x	x			E	x	

## DU 5 & 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Shrub Class		
BOTANICAL NAME	COMMON NAME	Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D= Deciduous	Accent	Palm
Ruellia peninsularis	Baja Ruellia		x	x			E	x	
*Russellia equisetiformis	Coral Fountain	x	x	x			E	x	
Salvia coccinea	Scarlet Sage		x	x			E	x	
Salvia greggii	Autumn Sage		x	x			E	x	
Salvia leucantha	Mexican Bush Sage		x	x			E	x	
Sambucus mexicana	Mexican Elderberry		x	x	x	x	E		
Simmondsia chinensis	Joboba		x	x	x	x	E		
Sophora secundiflora	Texas Mountain Laurel	x	x	x	x		E		
Strelitzia reginae	Tropical Bird of Paradise	x	x	x			D	x	
Tecoma stans	Yellow Bells		x	x	x		E	x	
Tecoma stans 'Gold Star'	Gold Star Tecoma		x	x	x		E	x	
Tecoma stans 'Orange Jubilee'	Orange Tecoma Stans		x	x	x		E	x	
Tecoma x 'Sparky'	Sparky Tecoma		x	x	x		E	x	
Tecoma x 'Sunrise'	Sunrise Tecoma		x	x	x		E	x	
Tecomaria capensis	Cape Honeysuckle		x	x	x		E		
Viguiera deltoidea	Goldeneye		x	x	x	x	D	x	
Xylosma congesta	Xylosma	x		x			E		
Xylosma congesta 'Compacta'	Compact Xylosma	x	x	x			E		
Zixmenia hispida 'Devils River'	Zexem	x		x	x		E		

## DU 5 & DU 6 South DUP

### M. Accents

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
Agave parryi 'Truncata'	Parry's Agave		x	x	x	x	E	x	
*Agave sp.	Agave	x	x	x	x	x	E	x	
Aloe barbadensis	Yellow Aloe		x	x	x	x	E	x	
*Aloe sp.	Aloe	x	x	x	x	x	E	x	
Asclepias subulata	Desert Milkweed		x	x	x	x	E	x	
Bulbine frutescens	Bulbine	x		x			E	x	
Carnegiea gigantea	Saguaro			x	x	x	E	x	
Cereus species	Cereus Varieties	x		x			E	x	
Chamaerops humilis	Mediterranean Fan Palm	x		x			E	x	x
Cycas revolta	Sago Palm			x	x		E	x	x
Cyperus alternifolius	Umbrella Plant			x			E	x	
Dasyliirion acrotriche	Green Desert Spoon	x	x	x	x		E	x	
Dasyliirion longissimum	Mexican Tree Grass	x	x	x	x		E	x	
Dasyliirion quadrangulatum	Toothless Desert Spoon		x	x	x		E	x	
Dasyliirion texanum	Green Desert Spoon		x	x	x		E	x	
*Dasyliirion wheelerii	Desert Spoon	x	x	x	x	x	E	x	
Euphorbia antisyphilitica	Candelilla	x	x	x	x	x	E	x	
Ferocactus acanthodes	Fire Barrel				x	x	E	x	
Ferocactus wislizenii	Native Barrel Cactus			x	x	x	E	x	
Fouquieria splendens	Ocotillo - seed grown		x	x	x	x	E	x	
Hesperaloe funifera	Giant Hesperaloe		x	x	x		E	x	
Hesperaloe nocturna	Night Blooming Hesperaloe		x	x	x		E	x	
Hesperaloe parviflora	Yellow/Red Hesperaloe		x	x	x		E	x	

**DU 5 & 6 South DUP**

*Hesperaloe parviflora 'Perpa'	Brakelight Red Yucca	x	x	x	x		E	x	
Hesperaloe x 'Pink Parade'	Pink Parade	x	x	x	x		E	x	

**DU 5 & DU 6 South DUP**

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
Lophocereus schottii fa. Monstrosus	Totem Pole Cactus		x	x	x	x	E	x	
Nolina species	Beargrass		x	x	x	x	E	x	
Opuntia sp.	Prickly Pear		x	x	x	x	E	x	
Pachycereus marginatus	Mexican Organ Pipe			x	x		E	x	
Pedilanthus macrocarpus	Lady Slipper		x	x	x		E	x	
Philodendron selloum	Selloum Philodendron			x			E	x	
Sansevieria spp.	Mother-in-law's Tongue			x			E	x	
Yucca baccata	Banana Yucca				x	x	E	x	
*Yucca pallida	Pale Leaf Yucca	x	x	x	x		E	x	
Yucca rostrata	Beaked Yucca		x	x			E	x	
Yucca species	Yucca Varieties		x	x	x	x	E	x	

## DU 5 & 6 South DUP

### N. Perennials and Groundcovers

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
*Acacia redolens 'Desert Carpet'	Desert Carpet	x	x	x			E		
Aquilegia chrysantha	Golden-spurred Columbine			x	x		E		
Asparagus densiflorus 'meyers'	Meyer's Asparagus	x	x	x			E		
Asparagus densiflorus 'sprengeri'	Sprenger Asparagus	x	x	x			E		
*Baccharis pilularis 'Starn Thompson'	Dwarf Coyote Bush	x	x	x			E		
Baileya multiradiata	Desert Marigold				x	x	D	x	
Berlandiera lyrata	Chocolate Flower	x	x	x	x	x	E		
Campsis radicans	Common Trumpet Creeper	x	x	x			E		
Carpobrotus chilensis	Ice Plant	x	x	x			E		
*Carrisa 'Green Carpet'	Green Carpet	x	x	x			E		
Catharanthus roseus	Madagascar Periwinkle	x	x	x			E		
Cuphea llavea	Monkey Flower	x	x	x			E		
Convolvulus cneorum	Bush Morning Glory		x	x			E	x	
Convolvulus mauritanicus	Ground Morning Glory	x	x	x			E		
Coreopsis bigelovii	Desert Coreopsis	x	x	x	x		E		
Cosmos species	Cosmos Varieties	x	x	x	x		E		
*Dalea captata 'Sierra Gold'	Dalea	x	x	x			E	x	
**Dimorphotheca sinuata	African Daisy				x	x	D		
Dyssodia acerosa	Shrubby Dogwood		x	x	x		D	x	
Dyssodia pentachaeta	Dogweed		x	x	x		D	x	
*Eremophila glabra 'Mingenew Gold'	Outback Sunrise Emu	x	x	x	x		E		

**DU 5 & DU 6 South DUP**

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
*Eremophila maculata 'Outback Sunrise'	Outback Sunrise Emu	x	x	x	x		E		
Eupatorium greggii 'Boothill'	Eupatoria	x	x	x	x		E		
Gaura lindeimeri	Desert Orchid	x	x	x	x		E		
*Gazania rigens	Trailing Ganzia		x	x			E	x	
*Gazania rigens 'Sun Gold'	Ganzia sp.		x	x			E	x	
Gelsemium sempervirens	Yellow Flowering Jessamine	x	x	x	x		E		
Glandularia tenuisect 'Edith'	Edith Verbena			x	x		D		
Helianthus debilis	Dune Sunflower			x	x		D		
*Hymenoxys acualis	Angelita Daisy	x	x	x			D	x	
*Lantana 'New Gold'	New Gold Lantana	x	x	x			D	x	
* Lantana species	Trailing Lantana	x	x	x			D	x	
Lantana 'Spreading Sunset'	Spreading Sunset	x	x	x			E		
Lonicera japonica 'Halliana'	Hall's Honeysuckle	x	x	x			E		
*Malephora lutea	Rocky Point Ice Plant	x	x	x	x		E		
*Melampodium leucanthum	Blackfoot Daisy	x	x	x			E	x	
Mimulus cardinalis	Monkey Flower			x	x		D		
Mirabilis multiflora	Desert Four-o-Clock						D		
Myoporum	Myoporum	x	x	x			E		
Nemophila maculata	Five Spot			x	x		D		
Oenothera berlandieri	Mexican Evening Primrose	x	x	x	x		D		
Osteospermum fruticosum	Trailing African Daisy	x	x	x	x		D		
Papaver nudicaule	Iceland Poppy				x	x	D	x	
Papaver rhoeas	Shirley Poppy				x	x	D	x	

**DU 5 & 6 South DUP**

Penstemon baccharifolius	Rock Penstemon				x	x	D	x	
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## DU 5 & DU 6 South DUP

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
Penstemon sp.	Penstemon		x	x	x	x	D	x	
* <i>Rosemarinus officinalis</i> 'Huntington Carpet'	Huntington Carpet Rosemary	x					E		
* <i>Rosmarinus officinalis</i> Prostrata	Prostrate Rosemary	x	x	x			E		
* <i>Ruellia brittoniana</i> 'Katie'	Katie Ruellia	x	x	x			E		
<i>Santolina virens</i>	Green Santolina	x	x	x			E		
<i>Setcreasea pallida</i>	Purple Heart Plant	x	x	x			E		
<i>Sphaeralcea ambigua</i>	Desert Globemallow		x	x	x	x	D	x	
<i>Setcreasea pallida</i>	Purple Heart		x	x			E	x	
<i>Tulbaghia violacea</i>	Society Garlic	x	x	x			E	x	
* <i>Tetranauris acaulis</i>	Angelita Daisy	x	x	x	x	x	E	x	
<i>Verbena gooddingii</i>	Native Verbena		x	x	x	x	E	x	
<i>Verbena pulchella</i>	Verbena		x	x	x		E	x	
<i>Verbena species</i>	Verbena		x	x	x		E	x	
* <i>Wedelia trilobata</i>	Yellow Dots	x	x	x			E		
<i>Zephyranthes candida</i>	White Rain Lily		x	x			E	x	
<i>Zinnia grandilfora</i>	Little Golden Zinnia				x	x	E		

## DU 5 & 6 South DUP

### O. Grasses

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Class		
		Shaded Parkways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D= Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
<i>Bouteloua curtipendula</i>	Sideoats Grama		x	x	x		D	x	
<i>Bouteloua gracilis</i>	Blue Grama		x	x	x		D	x	
<i>Bouteloua gracilis</i> 'Blond Ambition'	Blond Ambition	x	x	x	x		D	x	
<i>Muhlenbergia capillaris</i>	Regal Mist	x	x	x			D	x	
<i>Muhlenbergia lindheimeri</i>	Lindheimer's Muhly	x	x	x			D	x	
<i>Muhlenbergia rigens</i>	Deegrass	x	x	x			D	x	
<i>Nolina</i> sp.	Beargrass	x	x	x			E	x	
Bermuda Grass Hybrid	Midiron Turf	x		x	x	x	D	x	
Turfgrass	Palmetto St. Augustine	x		x	x	x	D	x	
Bermuda Grass	Santa Ana Turf	x		x	x	x	D	x	
Bermuda Grass	Tifgreen 328	x		x	x	x	D	x	
Bermuda Grass	Tifway 419	x		x	x	x	D	x	

## DU 5 & DU 6 South DUP

### P. Vines

* Approved for Parkway	** Not Approved for Front Yards	Landscape Character					Tree Class		
		Shaded Pathways	Shaded Boulevards	Parks and Gardens	Linear Arroyos	Riparian	E=Evergreen D=Deciduous	Accent	Palm
BOTANICAL NAME	COMMON NAME								
<i>Antigonon leptopus</i>	Queen's Wreath Vine		x	x	x	x	D	x	
<i>Bougainvillea</i> spp.	Bougainvillea		x	x	x		D	x	
<i>Ficus pumila</i>	Creeping Fig Vine		x	x			E	x	
<i>Hardendergia comptoniana</i>	Lilac Vine								
<i>Hedera helix</i>	English Ivy								
<i>Jasminum polyanthum</i>	Pink Jasmine								
<i>Macfadyena unguis-cati</i>	Cat's Claw		x	x	x	x	E	x	
<i>Mascagnia lilacina</i>	Lilac Orchid Vine								
<i>Mascagnia macroptera</i>	Yellow Orchid Vine		x	x			E	x	
<i>Pandorea jasminoides</i>	Bower Vine								
<i>Podranea ricasoliana</i>	Pink Trumpet Vine		x	x			E	x	
<i>Trachelospermum jasminoides</i>	Star Jasmine		x	x			E	x	
<i>Vigna caracalla</i>	Snail Vine		x	x			D	x	

### Q. Prohibited Plant List

BOTANICAL NAME	COMMON NAME
<i>Baccharis sarathroides</i>	Desert Broom
<i>Brassica tournefortii</i>	Saharan Mustard
<i>Bromus rubens</i>	Red Bromegrass
<i>Casuarina</i> species	Beefwood
<i>Centaurea melitensis</i>	Malta Starthistle
<i>Chamaecyparis</i> species	False Cypress
<i>Cynodon dactylon</i>	Common Bermuda Grass
<i>Grevillea robusta</i>	Silk Oak
<i>Pennisetum ciliare</i>	Buffel Grass

# DU 5 & 6 South DUP

Tamarix aphylla	Tamarisk or Salt Cedar
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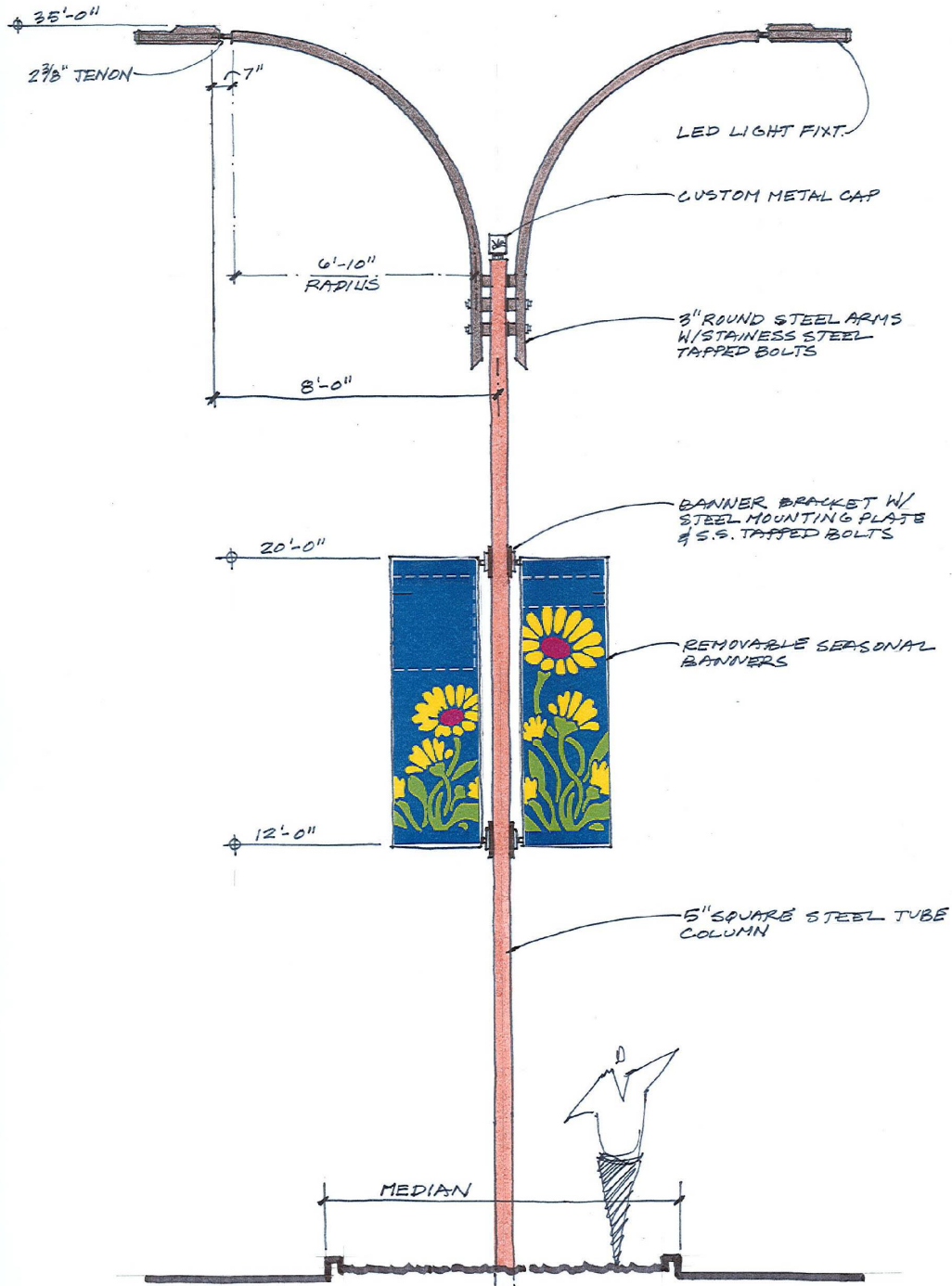
## 5.4 Lighting

Light fixtures, poles and traffic lights in the right-of-way shall typically be of the character depicted here as shown in **Exhibit 5.12 – Major Street Lighting**. The right-of-way of perimeter streets shall be illuminated per City of Mesa standards. The use of slim L.E.D street lighting fixtures is encouraged in the right-of-way to be consistent with Eastmark's Vision for sustainability. Lighting within the ROW shall be placed in the median if there is a raised median and where streetlights do not already exist on one side of the street. In areas where light fixtures are currently not installed along Elliot Road, Eastmark Parkway or District Street lighting along these roadways should be placed in the median if a raised median is installed. Lighting within the right-of-way along Point Twenty-Two Boulevard shall typically be placed in center of the raised median. Along Signal Butte Road it will be placed at the back of the sidewalk. Light fixtures, poles and traffic in the ROW shall typically be painted or power coated in a dark bronze or copper hue unless another color is chosen by the Master Developer as part of an overall streetscape design package and approved by the City of Mesa. The ROW of perimeter streets shall be illuminated per City of Mesa standards. The use of slim L.E.D street lighting fixtures is encouraged in the ROW to be consistent with MPG's Vision for sustainability.

Areas within DU5/6s outside of the perimeter road ROWs shall generally fall into one of four lighting character zones as depicted on **Exhibit 5.14– Lighting Character**. Light fixtures and poles in the interior areas DU5/6s shall typically be painted or power coated in a dark bronze or copper hue. Metal elements of these fixtures shall not be reflective and should have a matte finish. Maximum standard heights shall be appropriate to the surrounding context. Metal halide lamps are encouraged; high-pressure sodium lamps are prohibited.

# DU 5 & DU 6 South DUP

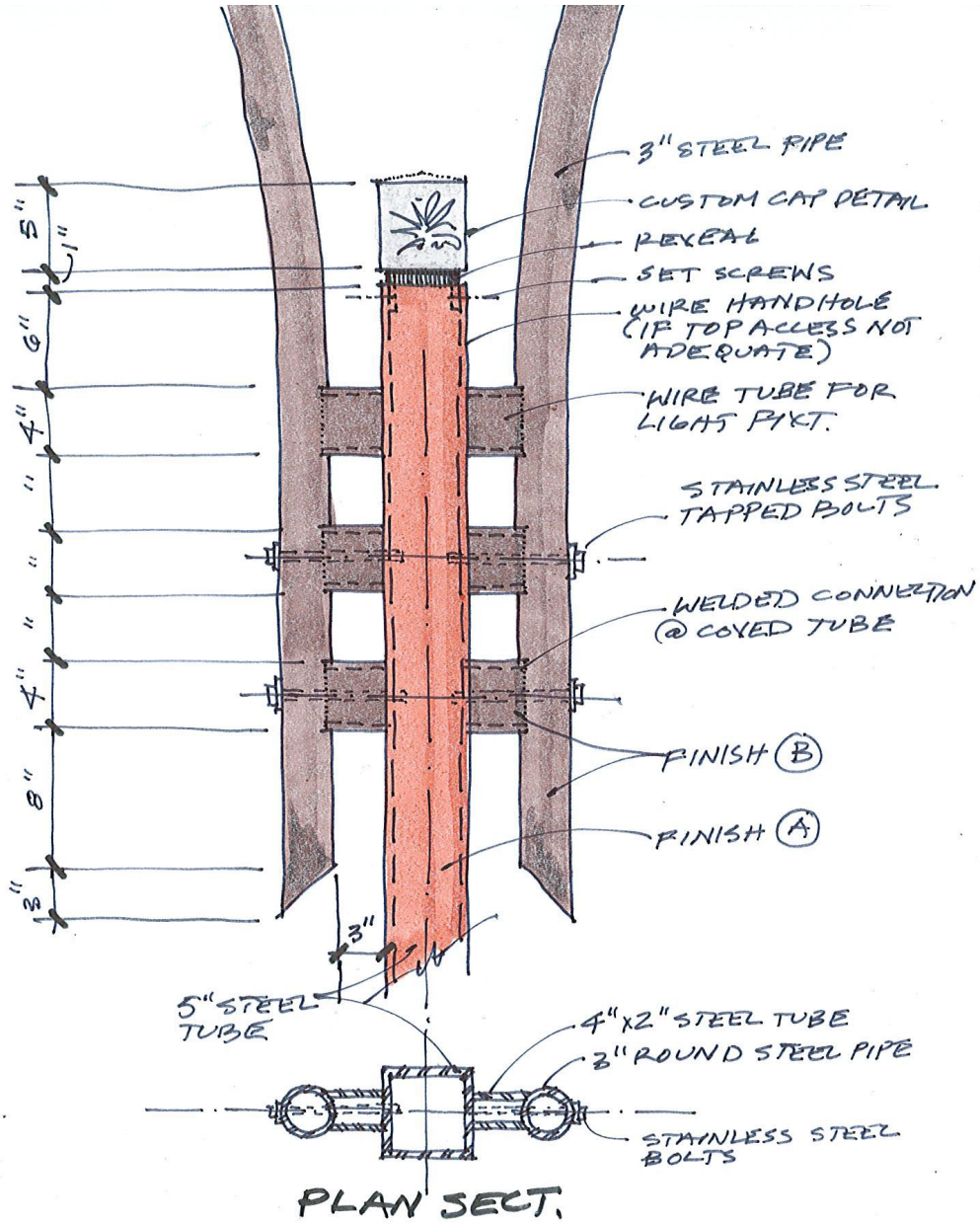
## Exhibit 5.12 – Major Street Lighting – Metal Pole



(Concept shown here; specific details must be approved by City of Mesa.)

# DU 5 & 6 South DUP

## Exhibit 5.12 – Major Street Lighting - Details



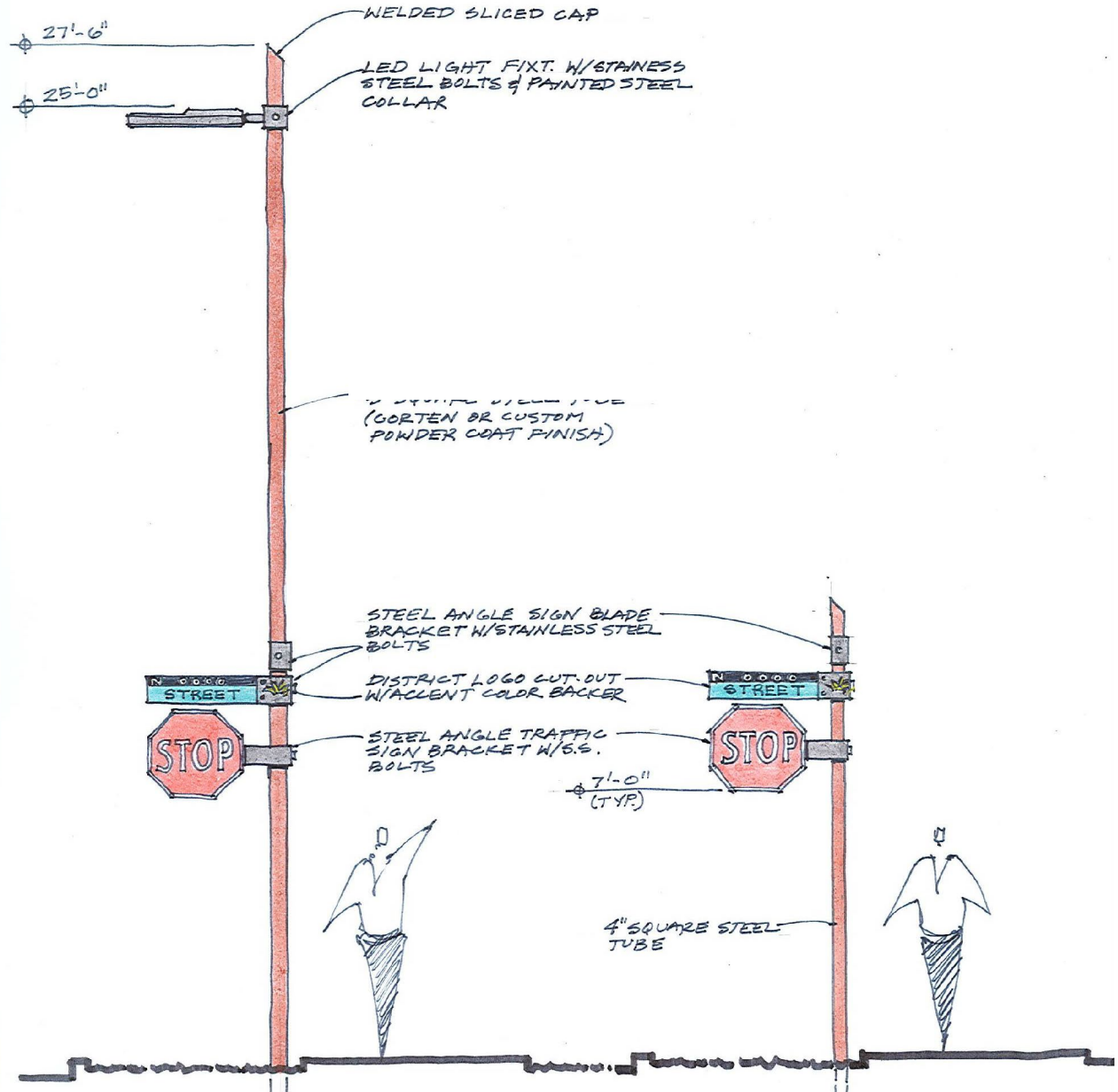
(Concept shown here; specific details must be approved by City of Mesa.)

## DU 5 & DU 6 South DUP

Interior Roadways in DU5/6s will typically be dark and only lighted at intersections. When these intersections are at a neighborhood park, the light fixture should be located behind the curb opposite the park. Light fixtures, poles and traffic lights in the right-of-way shall typically be of the character depicted here as shown in **Exhibit 5.13 – Interior Roadway Lighting**. The use of slim L.E.D street lighting fixtures is encouraged in the right-of-way to be consistent with Eastmark's Vision for sustainability.

# DU 5 & 6 South DUP

## Exhibit 5.13 – Interior Roadway Lighting – Stone Pole



(Concept shown here; specific details must be approved by City of Mesa.)

## DU 5 & DU 6 South DUP

Areas within DU5/6s in addition to the perimeter road right-of-ways and the internal roadway right-of-ways, shall generally fall into the Entry Drive and Park Lighting character zone as depicted on **Exhibit 5.14 – Lighting Character**. Light fixtures and poles in the interior areas of DU5/6s will be consistent with those in use in other parts of Eastmark and shall typically be of the character depicted here or will be painted or power coated in a dark bronze or copper hue. Metal elements of these fixtures shall not be reflective and should have a matte finish. Maximum standard heights shall be appropriate to the surrounding context. Metal halide lamps and slim LED fixtures are encouraged; high-pressure sodium lamps are discouraged.

### A. Entry Drive and Park Lighting (Residential Areas)

Entry Drive and Park Lighting is not required, but may be located at the neighborhood entrances to DU5/6s. Lighting in these areas is generally ambient and may include architectural, wall, roadway, sidewalk and landscape lighting. Landscape up-lighting in this zone is encouraged, but not required. Architecture in these areas may be illuminated not only for regular use but to create a beautiful accent at night. This may be created through uplighting on the building façade, lighting sconces or lighting glowing from inside. Landscape walls in these areas may be washed with light to illuminate a name or just to accent the wall in the landscape. Lighting fixtures in addition to the required right-of-way lighting at intersections may be decorative or festive including fixtures strung across the roadway.

### B. Dark/Security Lighting

The large areas of DU5/6s outside of the right-of-ways and the lighting character zones described above typically do not require additional lighting, but are encouraged to have coach and/or front door lights on the buildings along the roadways. Such fixtures when possible should be on a dusk to dawn sensor, providing an ambient glow throughout the neighborhood at night. Open landscape areas without programmed use will generally not be illuminated at night. Within employment areas, large areas of DU5/6s may be used for storm water retention with or without solar panel fields. These areas will not be illuminated at night. Open landscape areas without programmed use will not be illuminated at night.

Refer to Section 15 – Lighting Standards of the CP for additional lighting requirements.

### C. Front Drive Lighting (non-residential)

Front Drive Lighting is located at entrances for commercial uses that may develop in DU5/6s. For employment uses, front drive lighting is also located at the employee and visitor entrances. Lighting in these areas is generally ambient and may include driveway, sidewalk and landscape lighting. Landscape up-lighting in this zone is encouraged, but not required. Lighting fixtures shall typically be mounted at or below twenty-five (25) feet above the adjacent grade.

### D. Parking Lot and Driveway Lighting (Commercial and Employment Areas)

The Parking Lot and Driveway Lighting zone is applied in the portions of DU5/6s where driveways and parking fields are anticipated to surround the high-tech manufacturing/employment core buildings. Lighting fixtures shall typically be mounted at or below twenty-five (25) feet above adjacent grade. Lighting fixtures may be mounted at higher positions when the light is shielded by surrounding enclosing building and landscape masses. Parking lots and driveway lighting areas are anticipated to support commercial uses. Lighting in

## **DU 5 & 6 South DUP**

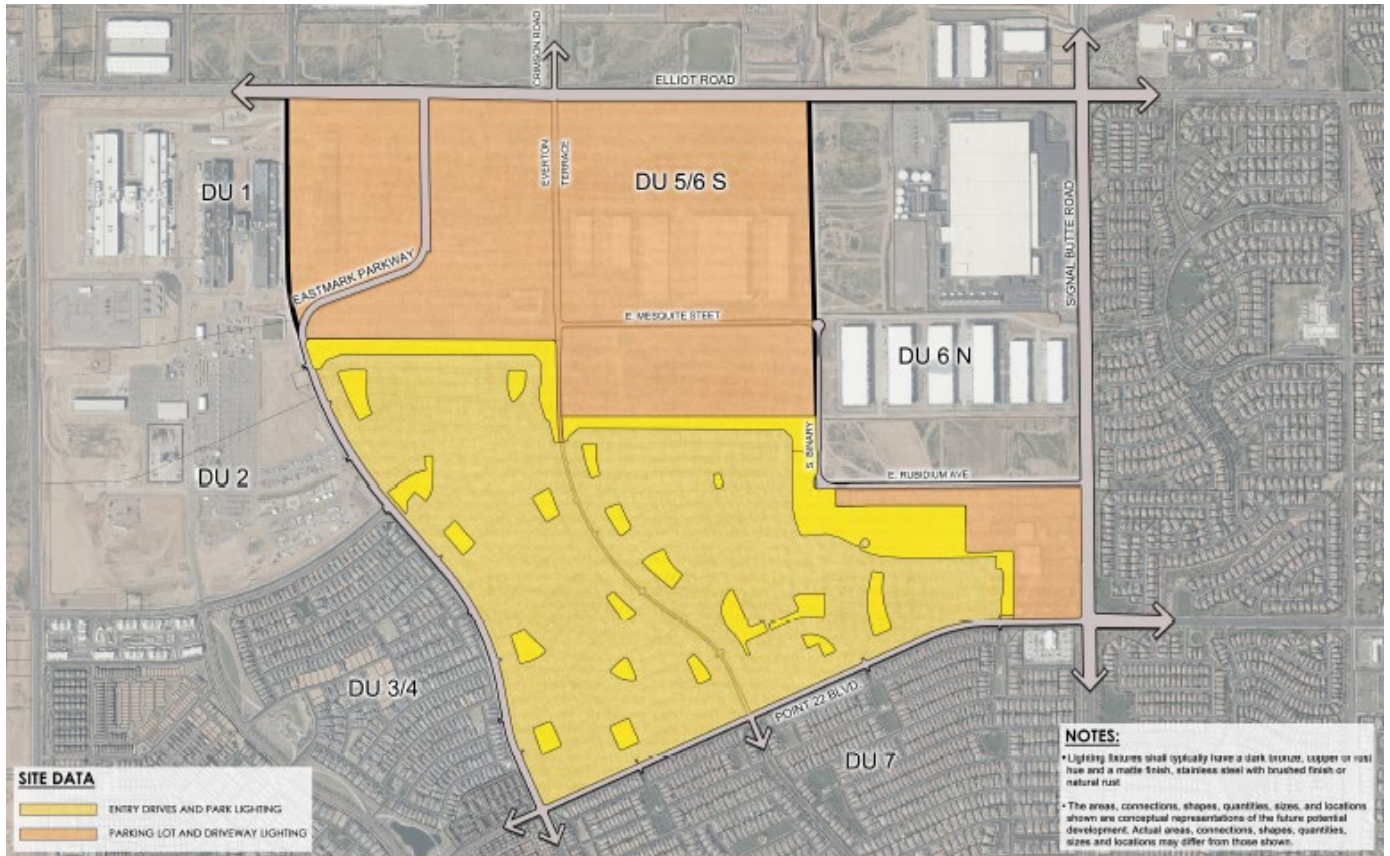
these areas is intended to allow for pedestrians to safely traverse from buildings to vehicles in a comfortable and safe manner.

### **E. Yard Lighting (Employment Areas)**

Yard Lighting is typically in the area between buildings around loading docks and yards. Because of the use, lighting in these areas is anticipated to be intense, but will be screened and shielded from public view and perimeter roadways. Phased construction must also accommodate temporary screening and shielding of this more intense lighting zone. Lighting fixtures shall typically be mounted at or below the maximum adjacent parapet height.

# DU 5 & DU 6 South DUP

## Exhibit 5.14 – Lighting Character



## 5.5 Design Character

Building design and the built environment in DU5/6s are intended to live well over time and are characterized by “High Performance Living”. Design in this DU is the careful combination of artful and sustainable development.

The design character of DU5/6s, includes a combination of design characters ranging from large scale buildings, smaller employment buildings, commercial shopping and gathering areas as well as intimate residential neighborhoods and all will be developed with careful consideration of the following design characteristics:

- Material Integration
- Building Intensity
- Urban Integration
- Rhythm and Balance
- Color and Texture
- Shade and Shadow
- Scale and Proportion
- Water Conservation
- Green Building Concepts
- Energy Efficiency
- Renewable Energies

### A. Employment Area Form

DU5/6s may be developed with large building masses. Single large structures with long elevations may occur. Smaller buildings may also be developed in employment campus-style as well. Landscape and buildings in this DU must be designed to complement each other. Building height will be consistent with the CP.

Modern desert appropriate building colors are required on all building facades. These facades will be used as the backdrop to multiple layers of “Old Arizona” and Sonoran Desert landscape screens. The texture and various depths of the required vegetation will provide filtered views of the buildings beyond.

A rhythm is required in the buildings’ elevations and in the landscape surrounding them. This rhythm must be expressed in the solid and void of the landscape as well as in alternating light and dark hues of the building facade. These rhythms are not permitted to be repetitive, but rather an artful composition of pattern. The pattern may also alternate between colors or hues, but must visually break the larger building mass.

With the development of this area as a campus-style employment area, urban integration will not take the typical urban forms. Urban integration can also strengthened by focusing the points of connection to the greater community. At these points, transit and pedestrian comfort and convenience must be emphasized.

Within DU5/6s the play of shade and shadow will be emphasized by the required contrast between the large building masses and the tall and diverse landscape screens. The required landscape palette blends soft round shapes with strong pointed ones. This required complexity of form is intentional to create fine-grain shadow patterns that can play against a strong, simple building canvas.

## DU 5 & DU 6 South DUP

The grading of the site should further the Eastmark desire to conserve water not only by retaining all storm water within DU5/6s, but also by creating small micro-basins that direct rainwater to low water use plants rather than directly to large area basins.

The buildings within DU5/6s should be constructed of energy efficient materials. Modern integrated buildings systems shall be used whenever possible and efficient. Construction systems and techniques that can be recycled in future generations are also encouraged.

The use of solar panel fields are encouraged in the landscape and on roofs in areas hidden by parapets. The incorporation of other renewable energy sources in the site, landscape and building are also encouraged and provide visible expressions of the importance of sustainability.

### B. Residential Neighborhood Form

The design character of DU5/6s is based on the **Exhibit 5.1 - Memory Points and Ordinary Elements Diagram**. Residential areas of DU5/6s will be home to blocks of small repetitive building masses while the commercial site will have larger building masses. Individual structures may dominate their site and help to add enclosure to public spaces they might surround. Most buildings in DU5/6s are designed to be background structures, tied together and often dominated by the landscape of the streetscape and the network of intimate parks. Most of these background buildings will be low structures, typically one to three stories in height, with setbacks that allow them to get close to the street.

Building and wall colors in DU5/6s will vary from historic Spanish and territorial combinations to bold modern accents. All colors should complement or accentuate the natural desert tones. The building facades and walls will be used as backdrop to the streetscape landscape. Dense street tree planting will de-emphasize the facades as the landscape matures.

The rhythm of DU5/6s is mostly expressed through the pattern of the blocks, echoed in the individual buildings and accented by the neighborhood parks. This pattern is created as a result of using the streets to extend the neighborhood parks into the neighborhood.

As central neighborhoods, urban integration will take the form of a series of neighborhoods well connected by pedestrian routes. Urban integration with the residential use will occur with the development of the Signal Butte activity core commercial area. In these areas, urban integration will take the form of pedestrian connections that link these uses. The basic street fabric will echo to the memory points into the landscape, but will not always provide connections with automobile routes. The neighborhoods will also follow the basic rule of urbanity – waste no space. Multi-tasking the site plan by incorporating stormwater drainage in roadside bio swells and distributed neighborhood park spaces will emphasize the urban value of the property.

Within DU5/6s the play of shade and shadow will be most noticeable in the continuous street tree experience accented by Evergreen and Accent tree classes. The required landscape palette blends soft round shapes with strong pointed ones. This required complexity of form is intentional to create fine-grain shadow patterns that can play against the repetitive teeth of the building canvas. The play of shadow will be contrasted against the open lawns and recreation areas of the parks. These spaces will provide the ability to capture long views of the distant peaks. The play of shade and shadow will be expressed in built forms such as awnings, shadow lines, eaves and trellises.

## DU 5 & 6 South DUP

The design character of DU5/6s, expressed in its required landscape character and palette is designed to combine areas that encourage lingering and gathering to include turf and other attractive elements while conserving water in other areas. The grading of the site should further the Eastmark desire to conserve water not only by retaining all storm water within DU5/6s, but also by creating small micro-basins that direct rainwater to low water use plants rather than directly to large area basins.

The buildings within DU5/6s should incorporate modern integrated buildings systems whenever possible and efficient.

### C. Building Form

Each building should be designed to create a visually interesting and balanced composition of varying building forms, volume, massing, heights and roof styles within the context of the location in the Community and target market segment.

Elevation diversity for residential structures is encouraged and will be consistent with standards imposed in DU7 and DU3 South. Monotonous look-a-like homes are not allowed. Each home and building should be designed to create a visually interesting composition of varying building form, volume, massing heights and roof styles. Individual homes maybe designed to be part of an overall street composition which may have less variation in individual buildings.

Building forms should reflect quality design that incorporates appropriate scale and proportion, architectural character and detailing. Buildings will incorporate an appropriate amount of detail on rear/side elevations consistent with the architectural design demonstrated in DU7 and DU3 South. If rear/side elevations are visible from adjacent streets, or common areas, they will include an amount of detail that is in keeping with the street elevation character as demonstrated in DU7 and DU 3 South.

The use of solar panels are encouraged in the landscape and on roofs in areas hidden by parapets or when they can be artfully incorporated into the building architecture. The use of other renewable energy sources in the site, landscape, parks and building are also encouraged and may provide visible expressions of the importance of sustainability.

The following images are examples of building forms which could be a part of the community:

# DU 5 & DU 6 South DUP

## RESIDENTIAL ENCLAVES/CENTRAL NEIGHBORHOODS



# DU 5 & 6 South DUP

## COMMERCIAL ACTIVITY CORE



DU5/6s may be developed with small scale commercial buildings within the activity core at the northwest corner of Signal Butte and Point Twenty-Two. Building height will be consistent with the CP.

Modern desert appropriate building colors are required on all building facades. These facades will be used as the backdrop to multiple layers of "Old Arizona" and Sonoran Desert landscape screens. The texture and various depths of the required vegetation will provide filtered views of the buildings beyond.

The grading of the site should further the Eastmark desire to conserve water not only by retaining all storm water within DU5/6s, but also by creating small micro-basins that direct rainwater to low water use plants rather than directly to large area basins.

The buildings within DU5/6s should be constructed of energy efficient materials. Modern integrated buildings systems shall be used whenever possible and efficient. Construction systems and techniques that can be recycled in future generations are also encouraged.

### 5.6 Signage

Given that commercial and residential uses are anticipated, there are two (2) categories of signs that are anticipated. Within the residential uses, seven (7) distinct categories of signs are anticipated and within commercial, generally four categories are anticipated as noted below:

#### A. Sign Categories

##### Residential Signs:

- Eastmark Community Entry Monuments/Urban Marketing Directionals
- Community Directional, Builder Directional and Security Signs
- Neighborhood Park Identification Monuments
- Sentinel/Enclave Signage
- Private User Signage in Neighborhoods
- Streetscape Banners
- Construction Screening

##### Commercial Signs:

- Attached wall-mounted signs
- Detached freestanding/monument signs
- Directional signs.

▪ All signs shall be appropriately sized to fit on the building or wall mass to which they are attached. Directional signage shall typically be sized for readability of users on adjacent roadways or sidewalks. Sign placement in DU5/6s is anticipated as shown on **Exhibit 5.15 – Potential Signage**. Other sign types such as temporary retail/portable signs, window signs, applied signs and menu signs/boards/cabinets may also be allowed in conformance with the CP. Address signage is permitted on the building or as part of Detached Freestanding/Monument Signs. Refer to Section 16 – Sign Standards of the CP for additional signage requirements by sign type and permitted sign area by LUG.

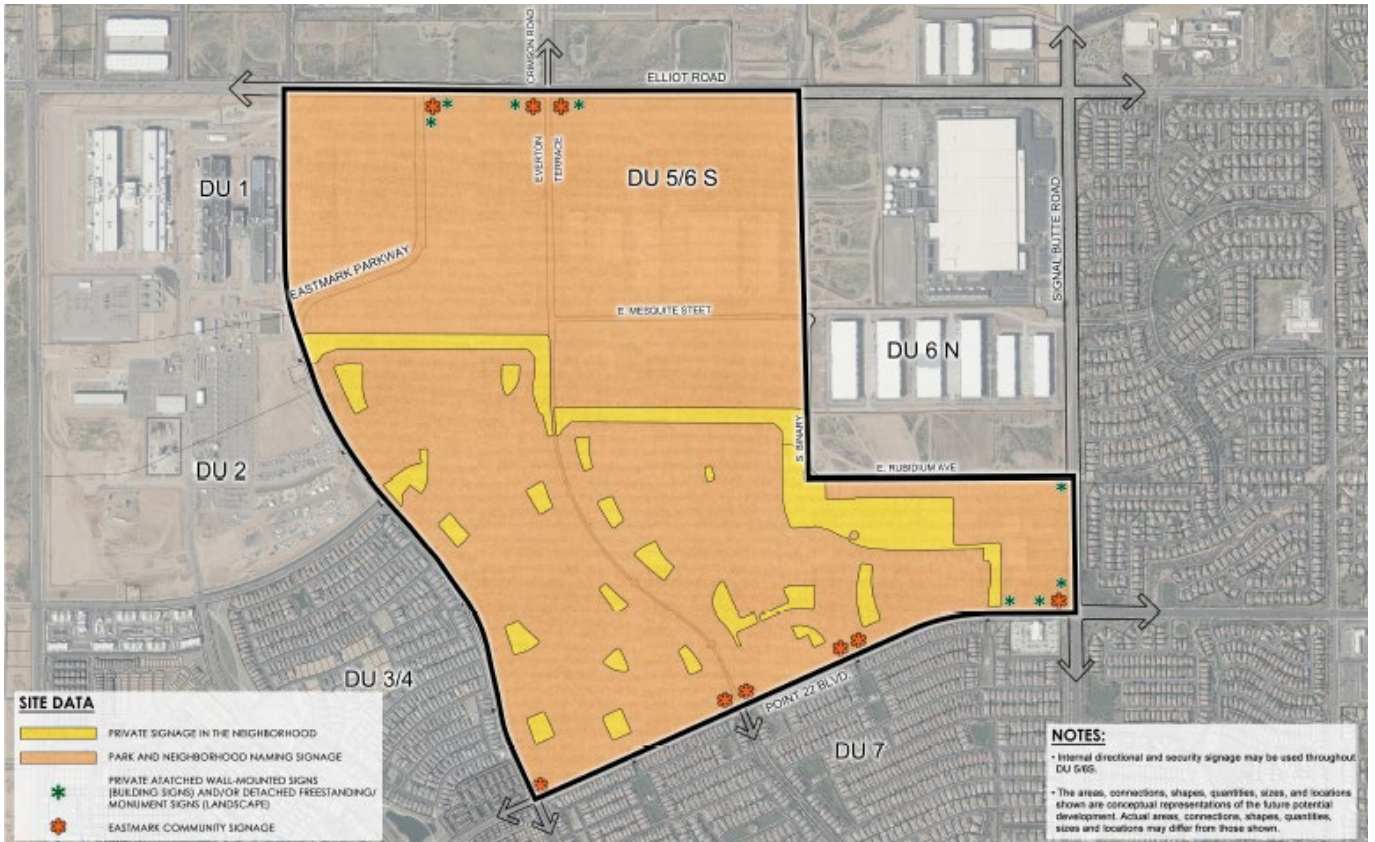
## DU 5 & 6 South DUP

### B. Permitted Sign Types

1. Community Signage shall be designed by the Master Developer and approved by the City of Mesa. It may match or complement community signage elsewhere in Eastmark. Community signage may be placed within the ROW or public easements by the Master Developer with the permission of the City of Mesa. Community Signage may be graphic in nature or iconic in the form of a structure or object in the landscape. Community Signage is not required.
2. Attached Wall-Mounted Signs are allowed to be high on the building elevation but must be below the parapet height in LUG E, V, OS, CS, GU, C, UC, R and D. Signage must be designed holistically to create a single artful expression in the landscape and on the building façade even though it may include several sign elements (as demonstrated in Section 16 of the CP). Multiple (more than one) stand alone, unrelated adjacent signs are not permitted. Sign type, color and materials must complement the materials of the surface the sign is mounted to. Halo lighted signs are encouraged when illumination is used although other lighting forms are permitted in the appropriate context. Multiple building mounted signs are permitted on the same building façade in LUG OS, CS, GU, C, UC, R and D. Attached Wall-Mounted Signs may also include mural, cabinet sign or canopy sign types. Signs must meet the signage requirements for DU5/6s below. Wall mounted subdivision entry signs are permitted in LUGs OS, CS, E, V and D.
3. Detached Freestanding/Monument Signs are permitted in the landscape typically at entrances to DU5/6s from perimeter streets in LUG E, V, OS, CS GU, C, UC, R and D. Sign type, color and materials must complement the materials of the surface the sign is mounted to. Halo lighted signs are encouraged when illumination is used, but alternate forms of illumination are permitted if complementary to the design of the sign or if halo lighting is not consistent with the sign lettering. Multiple building mounted signs are permitted on the same blade or wall structure. Vertical sign expressions in the landscape are encouraged. These signs must meet the signage requirements provided for DU5/6s below. Signage types that refer to attachment to the building façade may also be applied to Detached Freestanding/Monument signs when attached to a base or blade. This sign type is generally not permitted in LUG E except for simple, permanent, non-internally illuminated monuments that do not exceed three (3) square feet. Freestanding/Monument Signs in public easements may require an encroachment permit from the City of Mesa.
4. Directional Signs are permitted in the interior and at entrances to DU5/6s. Directional signage shall be sized appropriate to ensure the convenient readability. This signage is not permitted to advertise tenants or occupants, but is permitted to provide directions to individuals and groups moving through the DU. Directional signage may be illuminated but typically shall not be backlit. These signs must meet the signage requirements for DU5/6s below. Signs in public easements or right-of-way may require an encroachment permit from the City of Mesa.

# DU 5 & DU 6 South DUP

## Exhibit 5.15 – Potential Signage



## DU 5 & 6 South DUP

### C. Design Requirements

All signage must comply with the following design principles for quality, color and contrast, illumination, size and quantity, graphic content, locations, and permit requirements:

1. Quality
  - a. Signage must be an integral design feature of the base building design
  - b. Signage shall be designed to complement the base building design
  - c. Designs, materials and fabrication must reflect the quality of the architecture and its construction and should add to the overall experience of the community
2. Color and Contrast
  - a. Sign colors should complement or be in context with colors used on the base building
  - b. A clear contrast between signage and background must be provided
  - c. Signs shall not be placed on a background material that detracts from the finish and appearance of the sign
3. Illumination
  - a. Illumination of signage may be either internal, external, or both
  - b. Lighted signs shall be installed to avoid any glare or reflection into any adjacent use
  - c. All signage lighting must remain on and in good operating order during the hours of operations at night
  - d. All signage lighting must be installed on a 24/7 time clock
  - e. Use of exposed neon is generally not permitted except in the following conditions:
    - i) Commercial applications in LUG D visible on/from district and arterial street
    - ii) Limited to one sign per frontage per tenant
    - iii) Must be an artistic expression – no store bought/pre-made neon signs
  - f. Halo Illumination
    - Lamp must be contained entirely within a reverse pan-channel sign and/or individual letters
    - Elements of the sign must be raised from the background
    - The source of illumination must not be visible
  - g. Care must be taken to provide even illumination and to avoid “hot spots” of light versus dark areas
  - h. All lighting, including that for signage, must comply with the Lighting Section of these design guidelines
4. Size and Quantity
  - a. The quantity of signs is not specifically limited, but shall be in appropriate quantities, proximate to locations shown on **Exhibit 5.15 – Potential Signage**, to create a holistic artful expression in the landscape and on the building façade
  - b. Margins left by the sign size described below should generally be in balance around the sign
  - c. To encourage design creativity, no maximum letter size has been established

5. Graphic Content

- a. The use of signage shall be limited to the Tenant's approved trade name as stated in the Lease, Ownership or as approved by the Master Developer at its sole discretion
- b. Taglines or identification of specific products or services are not permitted
- c. Trademarks are not permitted

D. Prohibited Signage Types

1. Signs that are installed without written approval from the Master Developer, or that are inconsistent with approved drawings
2. Signs mounted to the roof of the Building
3. Signage with an exposed raceway or electrical connections
4. Individual metal channel letters with illuminated Plexiglas® faces
5. Face lit Acrylic (or similar material) individual letter or cabinets
6. Luminous vacuum formed type plastic letters
7. Signs with gold or silver plastic trim caps
8. Typical cabinets of Acrylic, Plexiglas®, or plastic-faced panels with surface or second-surface applied or painted graphics, internally backlit in a standard geometric shape
9. Cabinet signs with the face panel routed out with Plexiglas® or similar material, laminated behind
10. Standard flat front cabinet signs
11. Change-panel signs
12. Freestanding, flashing, moving, rotating, chasing, audible or odor producing signs
13. Suspended internally illuminated panel signs behind glazing
14. Signs that are not professional in appearance
15. Painted or hand lettered signs or newspaper advertisements
16. Cloth, paper, cardboard and other large stickers, decals, or other temporary signs
17. Placards, posters, playbills, postings, signs in any public right-of-way and fixed balloons in any location
18. Inflatable signs or graphic devices
19. Pre-fabricated neon "open", "closed" or other "off-the-shelf" pseudo neon looking window graphics
20. Triple Message Signs
21. Signage considered rude, obscene, and offensive that is not in conformance with the CAP code of the British Code of Advertising or similar regulations by a similar regulating body (see Graphic Content Section for CAP guidelines).

E. Typical Sign Character (Commercial)

In addition to the exhibits showing typical sign character in Section 16 of the CP, the following images express sign character possible in DU5/6s.

DU 5 & 6 South DUP



## Section 6 DU Drainage Plan

The DU5/6s area will be designed to self-retain. Drainage may be taken across parcel lines and/or collected in common retention basins, but the retention requirements for DU6se shall be accommodated within the DU. The Drainage Plan for DU5/6s was prepared by Wood, Patel & Associates and dated -April 26, 2017. The Master Drainage Report for Eastmark was also updated on April 26, 2017.

## Section 7 DU Potable Water Plan

The DU Potable Water Plan for DU5/6s was prepared by Wood, Patel & Associates dated February 16, 2017 and the Master Water Report for Eastmark was also updated, also prepared by Wood, Patel & Associates dated February 16, 2017.

## Section 8 DU Wastewater Plan

A DU Wastewater Plan for DU5/6s was prepared by Wood, Patel & Associates, dated February 16, 2017 and the Master Wastewater Report for Eastmark was also updated on February 16, 2017.

## Section 9 Master Non-potable Water Plan

The use of non-potable water is currently not contemplated in DU5/6s at this time. However, the use of non-potable water for landscape irrigation is encouraged whenever it can practically be used.