

**Marked Agendas  
Approved Minutes  
Approved Reports**

# DEVELOPMENT REVIEW BOARD REPORT



Meeting Date: July 20, 2017 Item No. 7  
General Plan Element: *Character and Design*  
General Plan Goal: *Foster quality design that enhances Scottsdale as a unique southwestern desert community.*

## ACTION

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### Scottsdale Fashion Square 20-DR-2017

**Location:** 7014 East Camelback Road

**Request:** Request approval of the site plan, landscape plan, and building elevations for redevelopment of a portion of an existing commercial building, to accommodate a new retail space with approximately 17,000 square feet of building area.

## OWNER

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Macerich/Scottsdale Fashion Square LLC/Etal  
310-294-2900

## ARCHITECT/DESIGNER

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Ennead Architects, LLP

## APPLICANT CONTACT

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Andy Greenwood  
The Macerich Company  
602-953-6200

## BACKGROUND

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### Zoning

This site is zoned Downtown/Regional Commercial Office-Type 2, Planned Block Development, Downtown Overlay (D/RCO-2 PBD DO), which allows regional commercial uses, such as the shopping mall, including but not limited to restaurants, office, and retail.

### Context

Located north of the existing office building on the northwest corner of Scottsdale and Camelback Roads, the proposal is within the southern two-thirds of the department store previously occupied by Barney's.

### Adjacent Uses and Zoning

- North Existing buildings (Fashion Square), zoned Downtown/Regional Commercial Office-Type 2, Planned Block Development/Downtown Overlay District (D/RCO-2 PBD/DO).
- South Office building, zoned Downtown/Regional Commercial Office-Type 2, Planned Block Development, Downtown Overlay District (D/RCO-2 PBD DO), East Camelback Road,

- and farther south, the Waterfront mixed-use development, zoned Downtown/Regional Commercial Office-Type 2, Planned Block Development, Downtown Overlay District (D/RCO-2 PBD DO).
- East North Scottsdale Road, and farther east is an existing retail center, zoned Central Business District/Downtown Overlay District (C-2 DO), and a vacant lot, zoned Downtown/Regional Commercial Office-Type 2, Planned Block Development, Downtown Overlay District (D/RCO-2 PBD DO).
- West Existing Scottsdale Fashion Square Mall, zoned Downtown/Regional Commercial Office-Type 2, Planned Block Development, Downtown Overlay District (D/RCO-2 PBD DO).

## **DEVELOPMENT PROPOSAL**

### **Goal/Purpose of Request**

The applicant is requesting approval of the site plan, landscape plan, and building elevations for the redevelopment of a portion (southern two-thirds) of the existing Barney's building at Scottsdale Fashion Square. The redevelopment will include partial demolition of the existing building to construct a new split-level retail tenant space along with substantial hardscape and landscape improvements around the space.

### **Neighborhood Communication**

Staff and the applicant mailed notifications to property owners within 750 feet of the site. As of the date of this report, staff has received general inquiries about the proposal.

## **DEVELOPMENT REVIEW BOARD CRITERIA ANALYSIS**

The proposed use of the property is consistent with the General Plan mixed-use neighborhoods designation and includes related uses that would support the complementary office, mixed-use, and retail uses in the area. The proposed development is not anticipated to have a negative impact on the adjoining properties. The applicant's narrative includes a comprehensive summary of the proposed development and how it addresses the Development Review Board Criteria and the Scottsdale Sensitive Design Principles.

The proposal includes partial demolition of the existing building to construct a new split-level retail tenant space. Public sidewalk and streetscape improvements will include relocation of the public sidewalk to be closer to the building, with a new width ranging from ten (10) to twenty (20) feet. The new building includes a cantilevered overhang which extends approximately twenty (20) feet over the sidewalk on the east side of the building. South of the building is a sunken courtyard which will also be shaded by the large overhang. There will be a new entrance to the tenant space from the sidewalk on North Scottsdale Road, which also provides access to the mall through the tenant space. The proposal does not include any changes to existing vehicular circulation patterns in the area.

The main building materials consist of a light colored sandstone and frameless glass. The large cantilever overhang is constructed of ultra-high performance concrete with a painted steel frame above. The site landscaping includes native plants located on a terraced pedestrian plaza to the south, and a landscaped terrace to the east. Continuous low profile stone benches are provided

south, and a landscaped terrace to the east. Continuous low profile stone benches are provided throughout the site, along with an evaporative cooling water feature.

### **Development Information**

- Existing Use: Mixed Use Commercial Center
- Proposed Use: Mixed Use Commercial Center
- Site Area: 29,221 square feet
- Total Parcel Size: 2,937,250 square feet / 67.43 acres
- Building Size of Addition: 17,000 square feet
- Total Building Size: 2,134,890 square feet
- Floor Area Ratio Allowed: 1.2
- Floor Area Ratio Proposed: 0.74
- Building Height Allowed: 65 feet
- Building Height Proposed: 23'-3" feet
- Parking Required: 6,100 spaces
- Parking Provided: 8,158 spaces and 350 in-lieu parking spaces

### **STAFF RECOMMENDATION**

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#### **Recommended Approach:**

Staff recommends that the Development Review Board approve Scottsdale Fashion Square per the attached stipulations, finding that the Development Review Criteria have been met.

### **RESPONSIBLE DEPARTMENT**

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**Planning and Development Services**

Current Planning Services

### **STAFF CONTACT**

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Bryan Cluff

Senior Planner

480-312-2258

E-mail: [bcluff@ScottsdaleAZ.gov](mailto:bcluff@ScottsdaleAZ.gov)

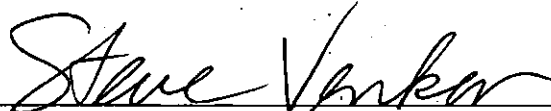
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## APPROVED BY



Bryan Cluff, Report Author

7/13/17  
Date



Steve Venker, Development Review Board Coordinator

Phone: 480-312-2831 E-mail: [svenker@scottsdaleaz.gov](mailto:svenker@scottsdaleaz.gov)

7/13/17  
Date



Randy Grant, Director

Planning and Development Services

480-312-2664 [rgrant@scottsdaleaz.gov](mailto:rgrant@scottsdaleaz.gov)

7/13/17  
Date

## ATTACHMENTS

- A. Stipulations
1. Context Aerial
- 1A. Close-Up Aerial
2. Zoning Map
3. Applicant's Narrative
4. Combined Context Aerial and Site Plan
5. Site Plan
6. Site Details
7. Building Elevations
8. Site/Building Cross Sections
9. Perspective
10. Streetscape Elevations
11. Material and Color Board
12. Landscape Plans
13. Electrical Site Plan
14. Exterior Lighting Cutsheets

**Stipulations for the  
Development Review Board Application:  
Scottsdale Fashion Square  
Case Number: 20-DR-2017**

These stipulations are intended to protect the public health, safety, welfare, and the City of Scottsdale.

**APPLICABLE DOCUMENTS AND PLANS:**

1. Except as required by the Scottsdale Revised Code (SRC), the Design Standards and Policies Manual (DSPM), and the other stipulations herein, the site design and construction shall substantially conform to the following documents:
  - a. Architectural elements, including dimensions, materials, form, color, and texture shall be constructed to be consistent with the building elevations submitted by Macerich, with a city staff date of 5/23/17.
  - b. The location and configuration of all site improvements shall be consistent with the site plan submitted by Macerich, with a city staff date of 6/23/17.
  - c. Landscape improvements, including quantity, size, and location shall be installed to be consistent with the preliminary landscape plan submitted by Macerich, with a city staff date of 6/23/17.

**RELEVANT CASES:**

**Ordinance**

- A. At the time of review, the applicable Zoning and DRB cases for the subject site were: 22-ZN-1996#2 and 17-DR-2007#2.

**SITE DESIGN:**

**DRB Stipulations**

2. All drive aisles that are fire lanes shall have a width of twenty-four (24) feet.
3. The existing pedestrian pole light fixtures along the N. Scottsdale Road street frontage shall remain in place.

**LANDSCAPE DESIGN:**

**Ordinance**

- B. The property owner shall obtain approval of a Salvage/Native Plant Plan Application, and obtain a permit to remove any tree.

- C. With the final plan submittal, the applicant shall revise the landscape plan to include summary data indicating the landscape area (in square feet) of on-site and right-of-way landscape areas in compliance with Ordinance Section 10.200.

#### **DRB Stipulations**

4. With the final plan submittal, the applicant shall revise the landscape plan to reduce the planting density by twenty-five (25) to thirty (30) percent for all plants on the plant schedule that are indicated with a quantity greater than 100.

#### **EXTERIOR LIGHTING:**

##### **Ordinance**

- D. All exterior luminaires mounted eight (8) feet or higher, above finished grade, shall be directed downward.
- E. Any exterior luminaire with a total initial lumen output of greater than 1600 lumens shall have an integral lighting shield.
- F. Any exterior luminaire with a total initial lumen output of greater than 3050 lumens shall be directed downward and comply with the Illuminating Engineering Society of North America (IES) requirements for full cutoff.

#### **DRB Stipulations**

5. Incorporate the following parking lot and site lighting into the project's design:

##### **Site Lighting:**

- a. The maintained average horizontal luminance level, at grade on the site, shall not exceed 2.5 foot-candles. All exterior luminaires shall be included in this calculation.
- b. The maintained maximum horizontal luminance level, at grade on the site, shall not exceed 10.0 foot-candles. All exterior luminaires shall be included in this calculation.
- c. The initial vertical luminance at 6-foot above grade, along the entire property line shall not exceed 1.5 foot-candles. All exterior luminaires shall be included in this calculation.
- d. The total lumen per luminaire shall not exceed 24,000 lumens.

#### **Streets, Improvements and Related Dedications:**

##### **DRB Stipulations**

6. Prior to the issuance of a building permit for the site, the owner shall dedicate to the city the following right-of-way and submit plans to construct the following street improvements:

Street Name	Street Type	Right-of-way Dedications	Improvements	Notes and Requirements
Scottsdale Rd.	Major Collector	65 feet (existing)	Curb, curb ramp + driveway	a.

- a. All curb ramps for public and pedestrian sidewalks that intersect public and private streets, or driveways that intersect public and private streets, shall have truncated domes that are colored to match brick red or terracotta.
7. Before any building permit is issued for the site, the owner shall submit plans and receive plan approval to construct southerly site driveway in general conformance with City of Scottsdale Supplement to the MAG Standard details, detail CH-1 Driveway, COS Std. Detail #2257 and northerly driveway unto Scottsdale Road shall be restriped as to be designated as a left/thru lane and a right turn lane vs. the existing straight arrows unto Scottsdale Rd.

#### **EASEMENTS DEDICATIONS AND RELATED IMPROVEMENTS:**

##### **Ordinance**

- G. Before any building permit is issued for the site, the owner shall dedicate a sight distance easement over sight distance triangle(s) in conformance with figures 5.3-26 and 5.3-27 of Section 5.3 of the DSPM.

##### **DRB Stipulations**

8. Before any building permit is issued for the site, the owner shall dedicate a Non-Motorized Public Access easement over all portions of new sidewalk that are located outside the right-of-way as shown on the site plan referenced above. Any existing Non-Motorized Public Access easements over portions of sidewalk that are removed shall be released through the appropriate application process.

#### **WATER AND WASTEWATER STIPULATIONS:**

##### **DRB Stipulations**

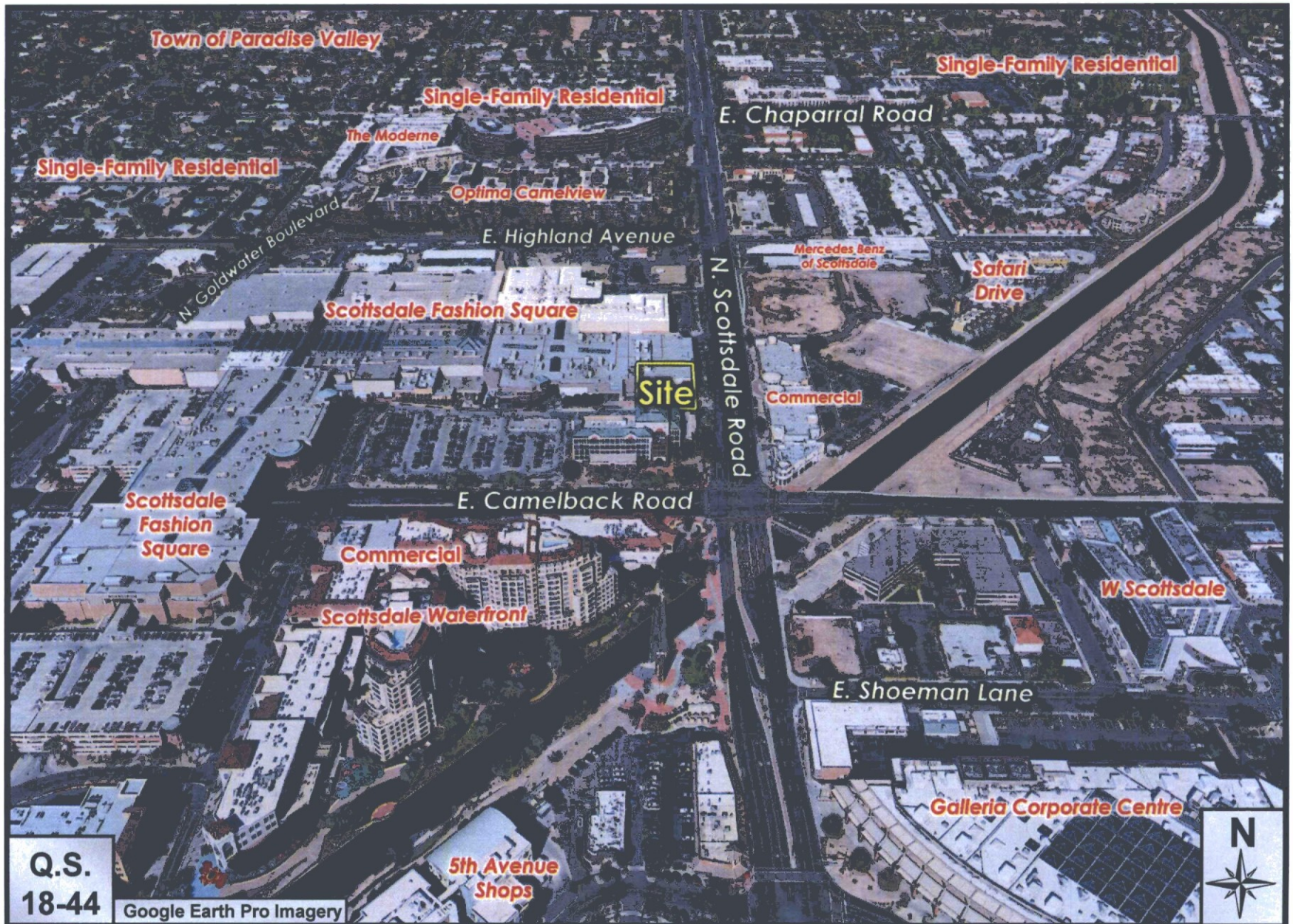
9. Existing water and sewer service lines to this site shall be utilized, or shall be disconnected at the main pursuant to the Water Resources Department requirements.
10. With the improvement plan submittal, the owner shall demonstrate relocation of the existing fire hydrant adjacent to southerly site driveway.

#### **DRAINAGE AND FLOOD CONTROL:**

##### **DRB Stipulations**

11. With the improvement plan submittal, the owner shall submit a grading and drainage plan that demonstrates consistency with the requirements of the Design Standards & Policies Manual.





Scottsdale Fashion Square

20-DR-2017





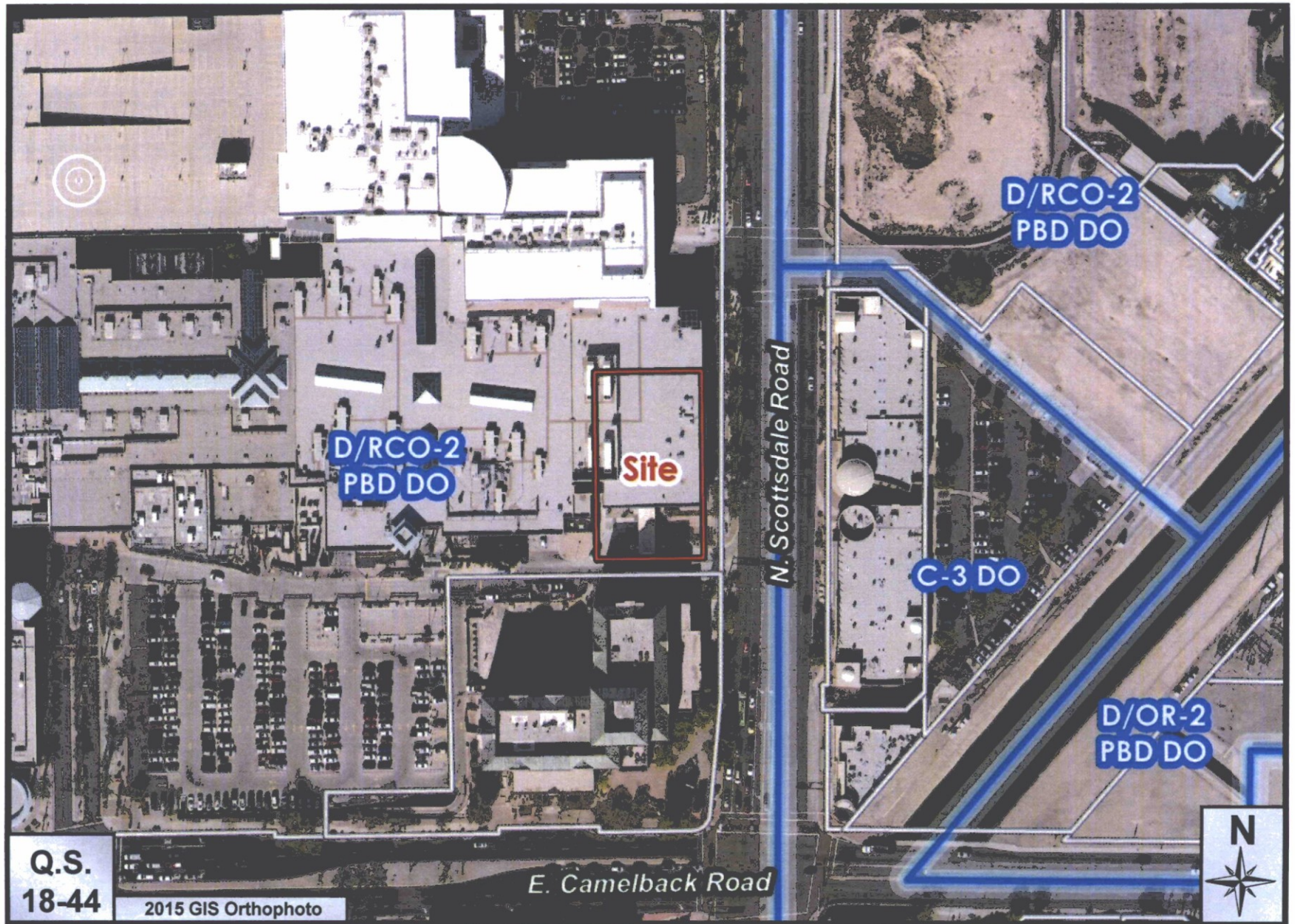
Q.S.  
18-44

Google Earth Pro Imagery

Scottsdale Fashion Square

20-DR-2017





Q.S.  
18-44

2015 GIS Orthophoto

E. Camelback Road

N. Scottsdale Road

D/RCO-2  
PBD DO

Site

D/RCO-2  
PBD DO

C-3 DO

D/OR-2  
PBD DO



Scottsdale Fashion Square

20-DR-2017

**Project Narrative**

*To*

Bryan Cluff  
Senior Planner  
Planning and Development Services  
City of Scottsdale- Development Review Board  
7447 E. Indian School Road, Suite 105  
Scottsdale, AZ 85251

*Date*

May 16, 2017

*Regarding Case Number:*

20-DR-2017  
4500 North Scottsdale Road

*Written By*

Ennead Architects

*Project*

Scottsdale Fashion Square

*Pages*

5

*Remarks*

**Introduction**

The proposed project submitted for design review and approval from the Development Review Board is for the development of a retail store in Downtown Scottsdale. The project is a 17,000 gross square feet high-end retail store located at 4500 North Scottsdale Road (APN # 173-37-009). The new store will replace the existing Barney's structure at the south-east corner of Scottsdale's Fashion Square Mall.

The property is zoned as Downtown/Regional Commercial Office-2, Planned Block Development Overlay District Downtown Overlay (D/RCO-2 PBD DO). The General Plan designates the area as a Mixed-Use Neighborhood. The Downtown Plan designates the area as Type 2: (Intermediate) Development Area.

**Architectural Character, Landscaping and Site Design**

The new retail project will be an enhancement to the corner of Scottsdale Fashion Square; it will improve the relationship to adjacent buildings, maintain ample open space, contribute to the neighborhood and avoids excessive variety and monotonous repetition in its design. The project is not within the boundaries of the Historic Property Overlay District. Key architectural, landscaping and site design elements include:

- The transparent, human-scale massing of the proposed retail space has been designed to provide a welcomed contrast to its surrounding two-story volumes, reducing the existing overall bulk along North Scottsdale Road and will introduce a unique threshold experience into the mall.
- The main design features of the store include a split-level store layout, a terraced public plaza, and a heroic cantilevered shade trellis. Unifying the building massing and providing for a unique architectural feature, a perforated horizontal trellis extends from the store's interior to cover the exterior walk and southern plaza. Furthermore, material consistency spanning between the interior and exterior of the design will help emphasize the desire to blur the boundary between the public outdoor space and retail experience transcending the function of the space beyond its primary use.
- The plaza bolsters the existing pedestrian and public space network, which includes the adjacent restaurants outdoor dining areas and extends further south to the canal and Scottsdale's Historic Old Town. Designed with the potential to host small community performances and events, the tiered plaza along with the interior forum will establish itself as a public amenity and civic space – a community living room.
- The materiality of the project will be regionally inspired with a simple color and texture palette to strike an appropriate balance between opacity and transparency. The materials being considered for the opaque surfaces are light gray ultra-high performance concrete panels (UHPC) or a light warm gray stone veneer for the walls and a cast light gray UHPC for the perforated trellis. The light colored surfaces and sun-filtering trellis are reminiscent of material palette and masonry screens seen in traditional desert architecture. The glass specified on the project will be recessed to take advantage of the trellis shadowing. It will be clear with minimal reflection, color and tinting to maximize visibility into the store showcasing the activity within.
- The landscape features include native plants located on a terraced pedestrian plaza to the south and landscape terrace to the east, continuous low profile integrated stone benches at the south and east, increased separation between the pedestrian and the vehicular, and a proposed evaporative cooling water feature. This introduces a landscape linkage between the pedestrian zone along the arterial road and the vehicular/pedestrian entry into the Mall property resulting in a series of spaces available for public enjoyment.

The project adheres to the Sensitive Design Principles (as amended by the Development Review Board on March 8, 2001) and recognizes the unique climatic and environmental factors of the site. The project is not in the boundaries of the Environmentally Sensitive Lands Overlay (ESL), adjacent to major vistas, nor related to natural habitats. However, the project is part of a Planned Block Development (PBD) Overlay District within the Downtown District which necessitates design sensitivity to the public realm and sustainable design strategies including:

- The project design immediately reduces the intense visual impact of the existing building mass by eliminating an existing second floor, striking a strong horizontal datum closer to the pedestrian travel with the permanent perforated trellis shade feature and locating the primary pedestrian entry along Scottsdale Road. The reduction of mass also serves to increase the visual interest along the length of street frontage while the clean material pallet



and visually intriguing perforated trellis adds richness to the public realm.

- The primary component of the design is a carefully considered trellis which is a relevant vernacular element that responds directly to the environment. The geometry of the trellis apertures are varied and will be calibrated to respond to site-specific sun angles and will provide much needed shielding from the desert sun. This will improve the store's energy performance and the comfort level of its interior and exterior spaces.
- The interior spaces are wholly extended into the outdoors both physically, with the extension of the interior materials to the outdoors, and visually through the use of floor to ceiling clear glazing which dematerializes the typical barrier between inside and outside. The extension to the outdoors is further enhanced by multiple floor levels and a new civic plaza to the south intended to encourage social interaction within the community.
- The landscape design minimizes environmental impact through the use of desert adapted native plants of varied scale and density which act as a buffer along North Scottsdale Road. The tree plantings also serve to support with the trellis feature in providing for shading throughout the year, specifically when the sun is low in the sky, to limit the impact of the harsh environment, minimize glare and assist in the conservation of energy.
- The extent of lighting is carefully considered to maintain the "dark sky." All of the selected fixtures are less than 310 lumens per fixture with an overall average of .30 foot candles measured 6' above the floor. The exterior lighting design is intended to limit invasive overflow while providing a low level glow at the walking and seating surfaces and lightly highlighting the specimen trees. The lighting from within the store will naturally highlight the immediate adjacent walking and planted surfaces as well as the underside of the trellis resulting in a balance between the inside and the outside. Due to the large glass walls and dimmable interior light fixtures, a balance between natural light and energy conservation during the daylight hours may also be achieved.
- The project signage will be complimentary to the architectural proportions and landscape character. Two simply shaped signs will be integrated with the glass wall above the East and South entries reinforcing the building entry.
- Other integrated sustainable features include underfloor air displacement which will assist with energy conservation, the potential for evaporative cooling with a proposed water feature under the trellis, as well as desert adaptive landscaping to minimize irrigation requirements.

### **Traffic and Pedestrian Circulation Designed to Promote Safety and Convenience**

Thoughtful placement of ingress and egress locations will benefit visitors who are coming by foot. The retail space can be accessed through the mall or from the exterior entrances on the East and South face. The internal circulation of the store is designed to incorporate an open split-level retail layout that provides continuity throughout the space.

- The split-level store layout divides the store into two distinct but connected zones. The upper level, directly accessible from the main level of the mall and from along Scottsdale Road, is focused on merchandise display and sale. Connected through internal stairs and elevator, the lower, more public level, will contain a large digital wall and forum-style

- seating that will connect to a terraced plaza oriented to the south.
- Egress is available at both levels of the store.
- The pedestrian path will remain as the sidewalks are improved with new paving, benches and additional planting.
- The width of the drive path to the south of the site has been modified but maintains a 28 feet clear width. The modifications meet the requirements of the Fire Ordinance which require a 24 feet clear minimum.
- No parking will be added as part of the project.
- Loading and servicing of the retail space will remain unchanged; it will continue to be serviced through the mall's loading dock adjacent to the south-west corner of the site.

### **Integral Design of Mechanical Equipment and Utilities**

The location of mechanical equipment, appurtenances and utilities has been taken into account in the design of the retail space. Mechanical equipment on the roof will be screened behind the existing screen wall and will not be visible from the street level. The transformer and screen wall to the west of the project is existing and will remain as is.

### **Conformance with Architectural Guidelines**

#### *Conformance with the General Plan*

The General Plan designates the area as a Mixed-Use Neighborhood. Below are examples of exceptional ways the project contributes to the General Plan.

- The project encourages a sense of community by opening up the corner of Scottsdale Fashion Square with an open air stepped terrace that is available to the public. This meets the Land Use goals and approach number eight and the Values and Vision goal of "Enhanced Neighborhoods".
- As the project is a renovation within Scottsdale Fashion Square it meets many of goals stated in the Neighborhood Element and Economic Vitality Element by contributing to the redeveloping and revitalizing efforts of the existing neighborhood. In addition, it promotes and encourages context-appropriate development in established areas of the community.
- Sustainable features of the terrace include the use of native species, evaporative cooling water feature and solar shading calibrated trellis. These elements sensitively respond to the locale and site. These meet the goals and approach set out in the Land Use Element (#7) and the Values and Vision Element: *Seek Sustainability*.
- The project conforms to the Character and Design element as a contributor to the *Urban Districts Character Type*. The project will promote a safe and attractive environment while responding to the regional environment. Additionally the project will improve the streetscape along N. Scottsdale road with the more planting, native landscaping, and revived walkway. In compliance with the zoning ordinance the project utilizes sensitive outdoor lighting that supports pedestrian use and safety while not being intrusive to the downtown neighborhood setting.
- Finally, the store will contribute to the Economic Vitality Element as retail is one of the

major economic drivers of the community. The high-end store will be one of the many diverse and high quality retail stores contributing to Scottsdale Fashion Square as well as the city economy:

#### *Conformance with the Downtown Plan*

The Downtown Plan designates the area as Type 2: (Intermediate) Development Area. Below are examples of how the project meets the criteria:

- **Conformance to Site Development Guidelines.**  
The retail front respects the relationship to existing development (A1) by responding to existing setbacks and is in character with the bulk and height of the existing Mall structure. However, the bulk is reduced along N. Scottsdale road to improve the pedestrian experience. The wide canopy of the trellis achieves the *continuity of street spaces* in providing a strong corner to the building while also providing a landscaped gathering space at the corner (A8).
- **Conformance to Building Form Guidelines**  
Only one story of the retail space is visible from the street front, the second floors of the adjacent retail stores are set back to help reduce the apparent size and bulk. (B1) The trellis overhang along N. Scottsdale Road is congruent with the Scottsdale tradition of covered walkways (B2).
- **Conformance to Architectural Character.**  
Building materials were developed with constraint and response to the environment- light colored stone and high-performance concrete are proposed for the project (C3). Window placement has carefully been considered in response to the solar shading trellis (C2).
- **Conformance to Landscape Character**  
The terraced area is thoughtfully oriented, shaded and landscaped to provide a comfortable space for outdoor use (D2). Native plants have been selected for design characteristic as well as sustainable considerations. Large trees will line the street front while shrubs and smaller scale plants provide an inviting space along the sidewalk and terrace.

The project adheres to the standards laid out in the Planned Block Development Overlay District (PBD) and Downtown Overlay District (DO).

#### **Fire Department Requirements**

This project will comply with the requirements of the City of Scottsdale's Fire Ordinance and the Fire Codes. In accordance with the Fire Ordinance, the minimum drive width for the fire apparatus access road is greater than 24', the inside turning radius onto the fire apparatus access road from North Scottsdale Road is greater than 25' and the minimum 13'6" unobstructed vertical clearance requirement is met as the bottom of the extended cantilevered perforated trellis is between 17'6" and 21'6" above the paving below however it is important to note that the trellis does not extend over the drive lanes. The hydrant and fire department connection spacing are still under development but will meet the requirements of the Fire Ordinance.

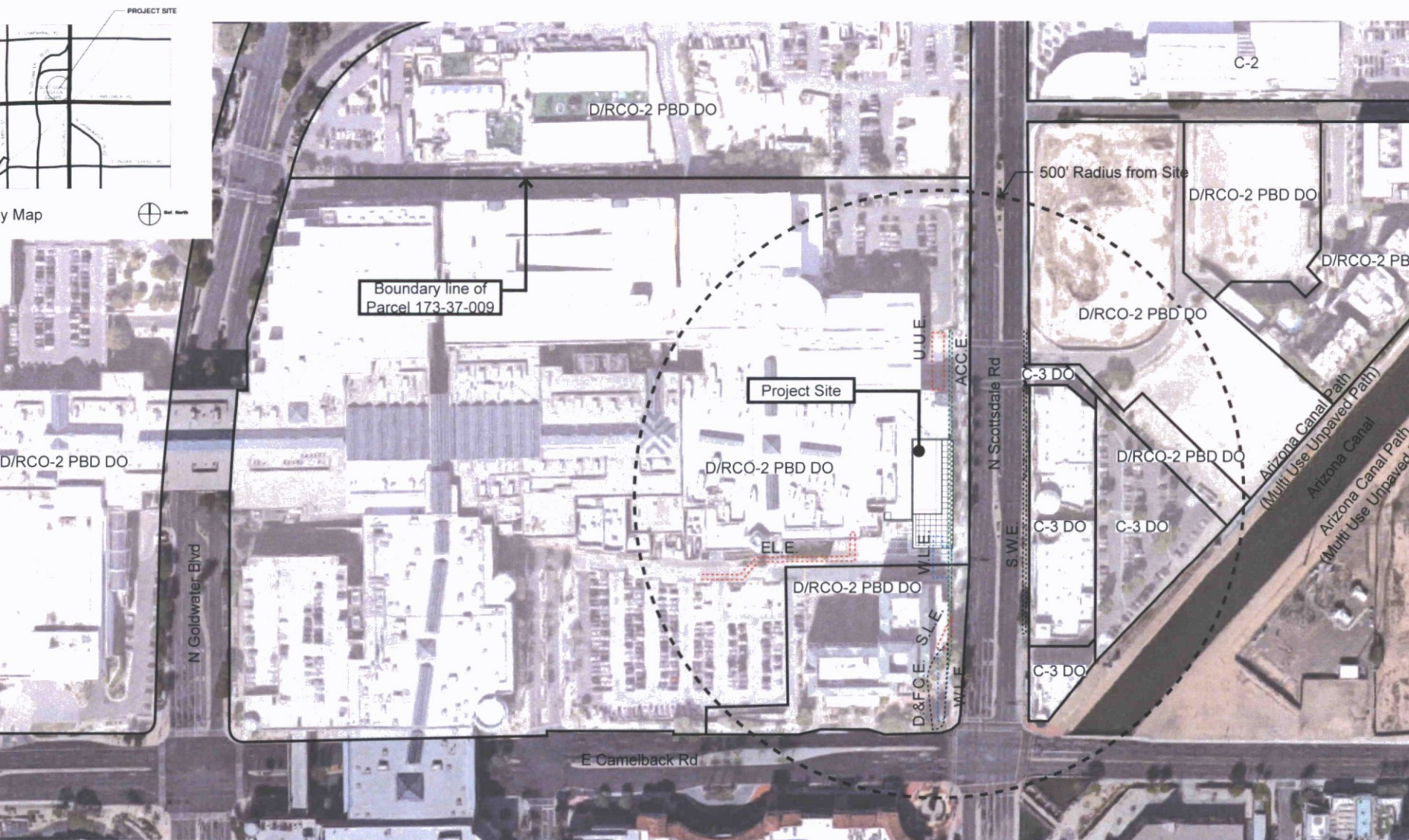


### **Addressing the Cultural Improvement Program or Public Art Program**

This project will comply with the requirements of Zoning Ordinance Section 6.1309 – Cultural Improvements Program requirements.

In conclusion, the proposed project meets or exceeds the requirements of the Development Review Board approval criteria as set forth in zoning ordinance section 1.904. This project is a revitalization of an existing large scale building that provides a more pedestrian friendly environment by reducing the overall bulk, creating a more varied street front composition. This project will enhance the public realm by providing a distinctive architectural design that is responsive to the regional vernacular and environment, carefully considered native landscaping and a new “town square” plaza that encourages social interaction within the community.

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Context Aerial Not to Scale

Scottsdale Development Review  
d - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion

**PROJECT INFORMATION / DATA**

Project Name Scottsdale Fashion Square  
Parcel Address 4500 N Scottsdale Rd, Scottsdale, AZ 85251  
Parcel Zoning D/RCO-2 PBD DO  
Gross Property Area 75.22 acres  
Net Property Area 65 acres  
Gross Floor Area 29,052 sf (Proposed 1st Floor Area)  
25,558 sf (Proposed 2nd Floor Area)

**Parking Area**

Parking Lot Landscape Required N/A (All Subterranean parking)

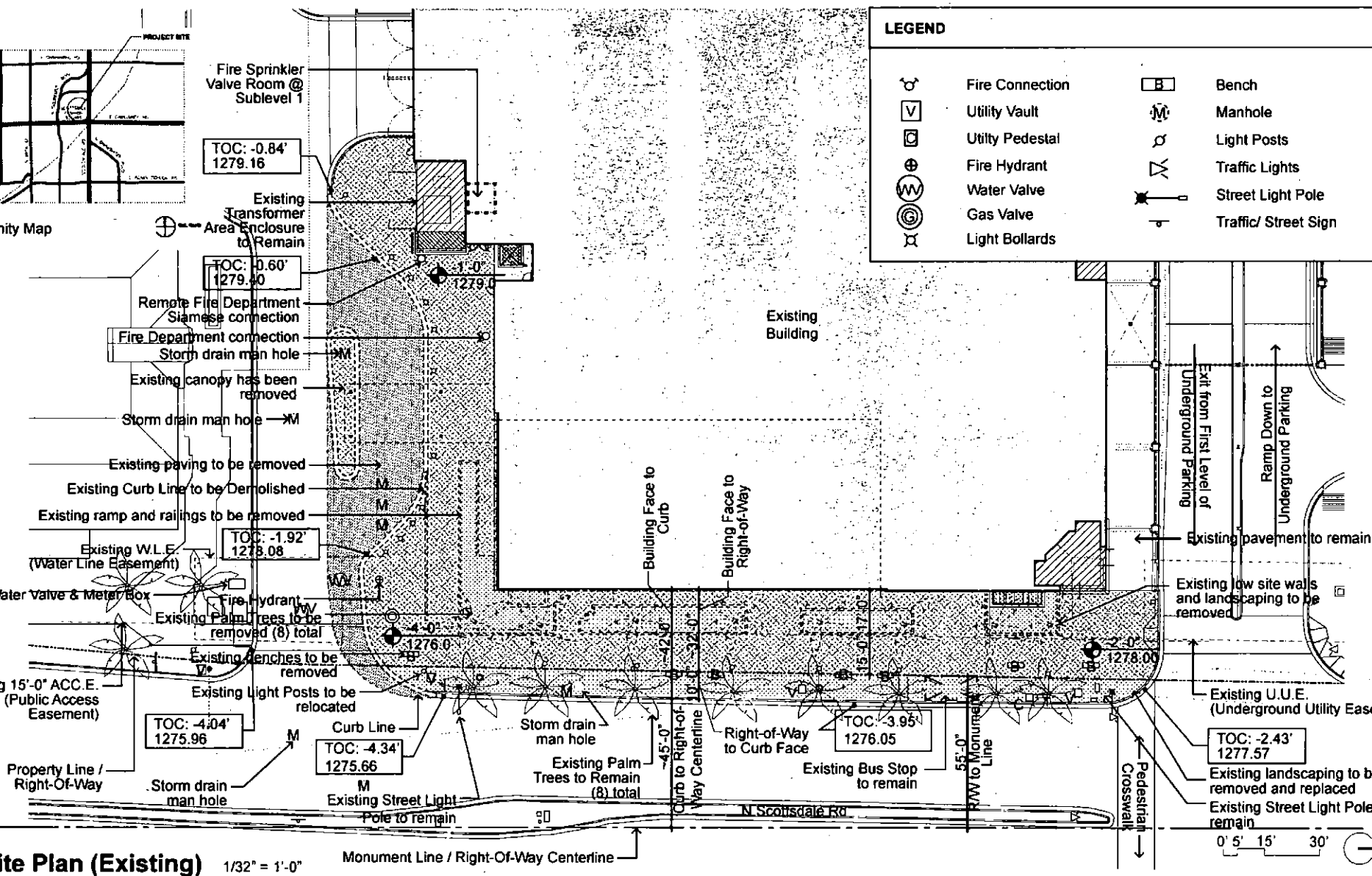
**Parking Calculations**

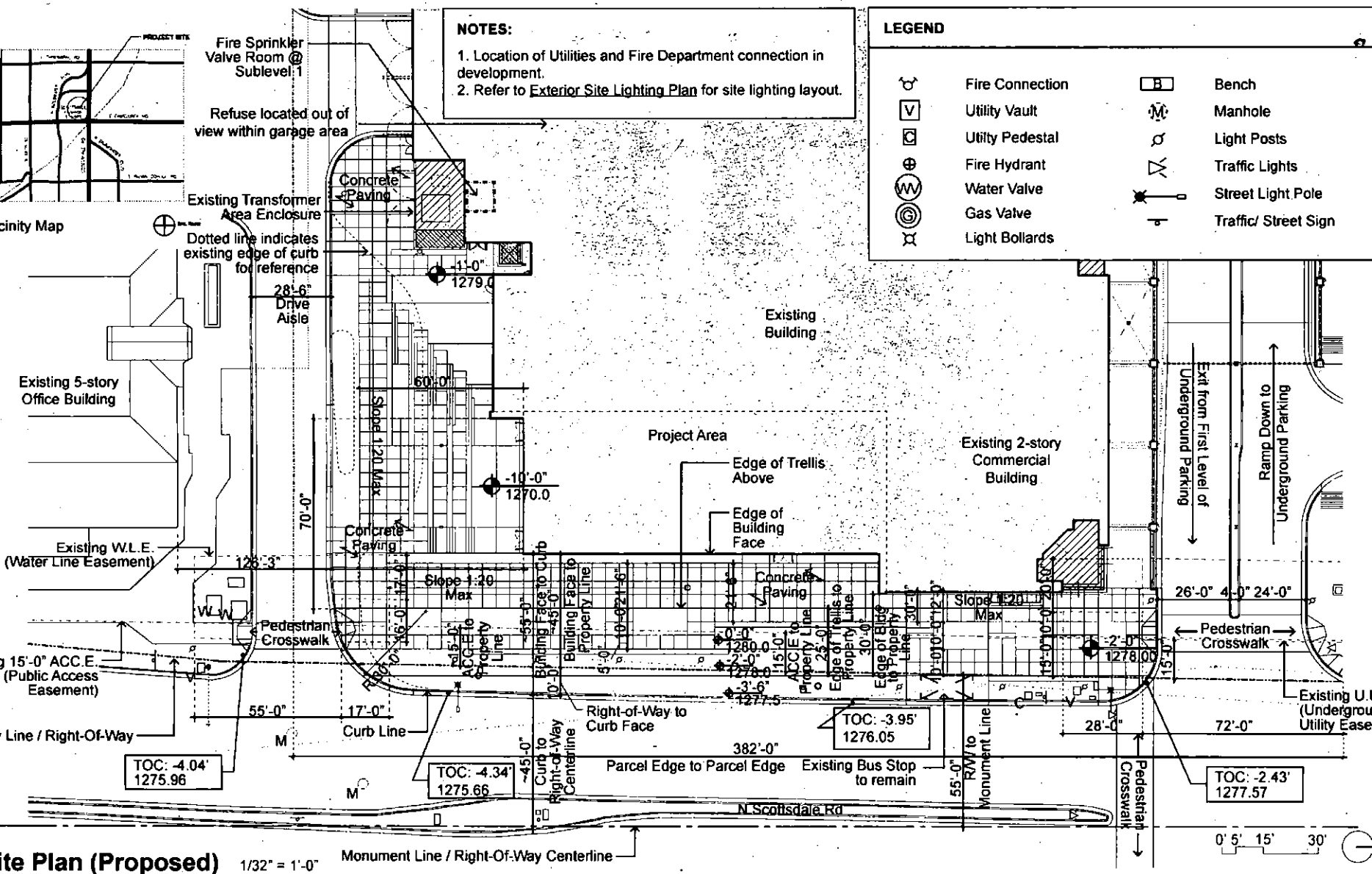
	Required Ratio	Required Parking	Parking Provided	Accessible Required	Accessible Provided	Van Accessible Provided
Mixed Use 2,133,029sf	1/350	6,095	8,204	164	199	27
		Uncovered	Parking Provided		Accessible Provided	Van Accessible Provided
			2,171		66	17
		Covered	Parking Provided		Accessible Provided	Van Accessible Provided
			6,033		133	10
		Bike Racks				
		9 (50 Bikes)				

**Project Information**

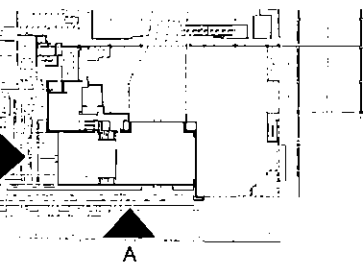
City of Scottsdale Development Review  
Revised - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Square







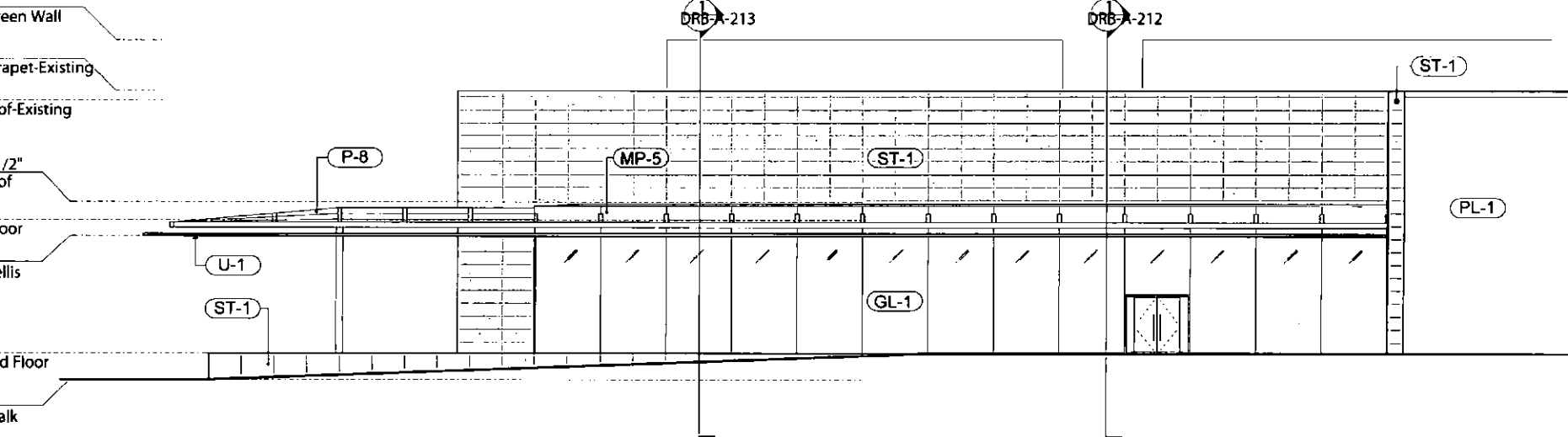
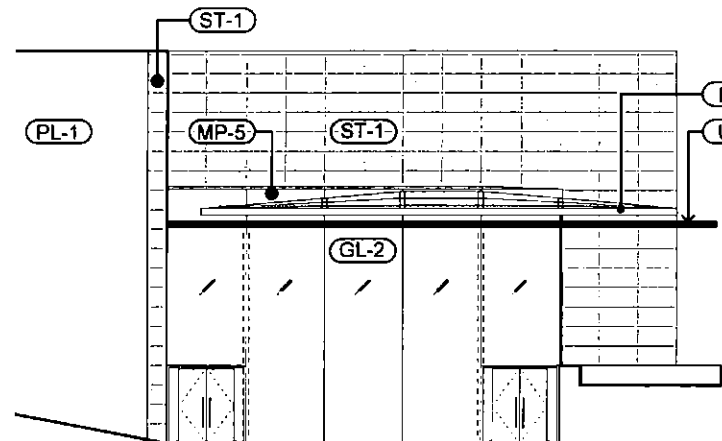


# **FINISH LEGEND**

CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls
ST-2	Stone	For Interior & Exterior Floors
ST-3	Stone	For Water Feature
ST-4	Stone	For Exterior Landscape Benches/Walls
U-1	UHPC	For Trellis
C-1	Concrete	For Exterior Plaza
GL-1	Glass	18' High Glass @ East Facade
GL-2	Glass	27' High Glass @ South Facade
MP-5	Metal Panel	Roof
MP-6	Metal Panel	Roof
P-8	Ptd. Steel	For Trellis Structure
PL-1	EIFS	Existing EIFS to remain

## **NOTES:**

No exterior wall-mounted lights proposed. Refer to Exterior Lighting Site Plan for flush-mounted to grade (L-1), cove-mounted (L-2) and stake-mounted (L-3) locations and related photometrics.

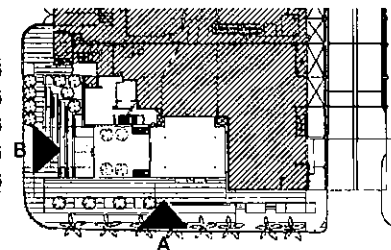


**ations (Color)** 1/16" = 1'-0"

Scottsdale Development Review  
1 - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion



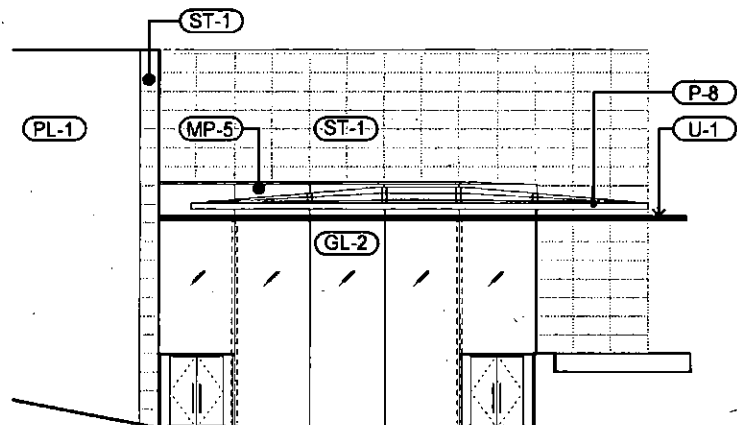


# **FINISH LEGEND**

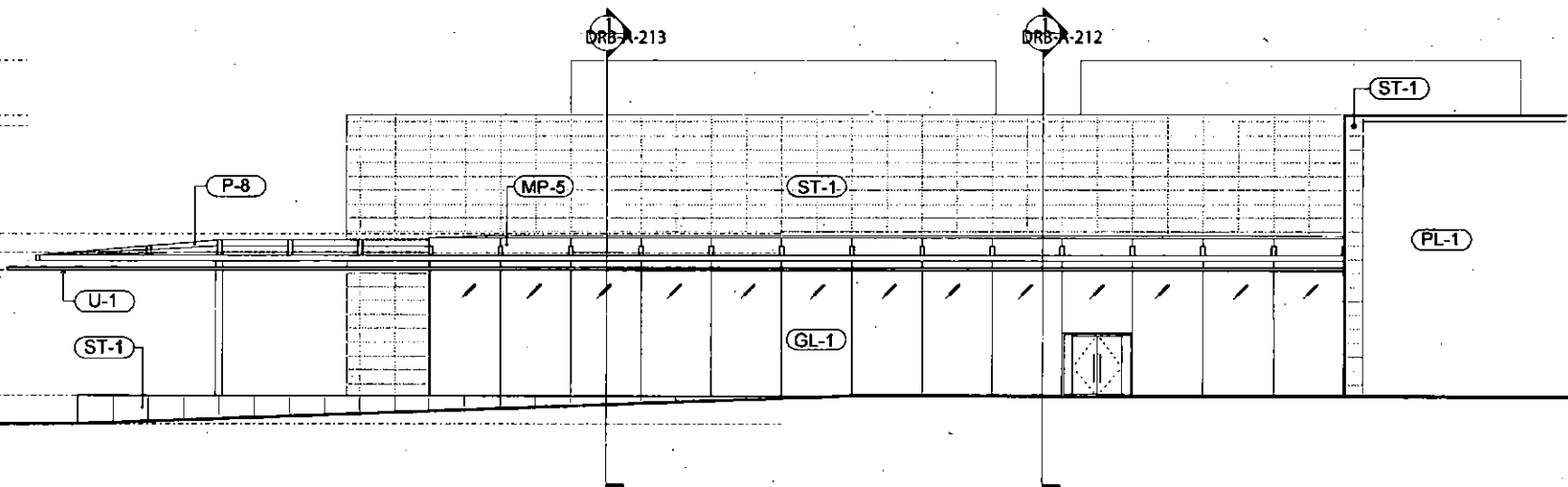
CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls
ST-2	Stone	For Interior & Exterior Floors
ST-3	Stone	For Water Feature
ST-4	Stone	For Exterior Landscape Benches/Walls
U-1	UHPC	For Trellis
C-1	Concrete	For Exterior Plaza
GL-1	Glass	18' High Glass @ East Facade
GL-2	Glass	27' High Glass @ South Facade
MP-5	Metal Panel	Roof
MP-6	Metal Panel	Roof
P-8	Ptd. Steel	For Trellis Structure
PL-1	EIFS	Existing EIFS to remain

## **NOTES:**

No exterior wall-mounted lights proposed. Refer to Exterior Lighting Site Plan for flush-mounted to grade (L-1), cove-mounted (L-2) and stake-mounted (L-3) locations and related photometrics.



9'-6"  
Screen Wall  
0'-6"  
Parapet-Existing  
9'-0"  
Roof-Existing  
3'-3 1/2"  
Roof  
0'-6"  
nd Floor  
7'-6"  
Trellis  
' [0]  
Ground Floor  
'-0"  
dewalk



0' 5' 15' 30'

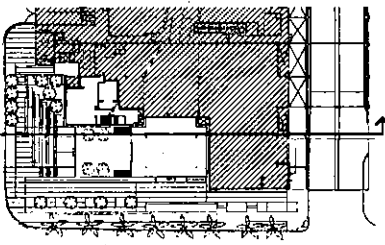
## **Elevations (B/W)**

1/16" = 1'-0"

City of Scottsdale Development Review  
Revised - June 22, 2017

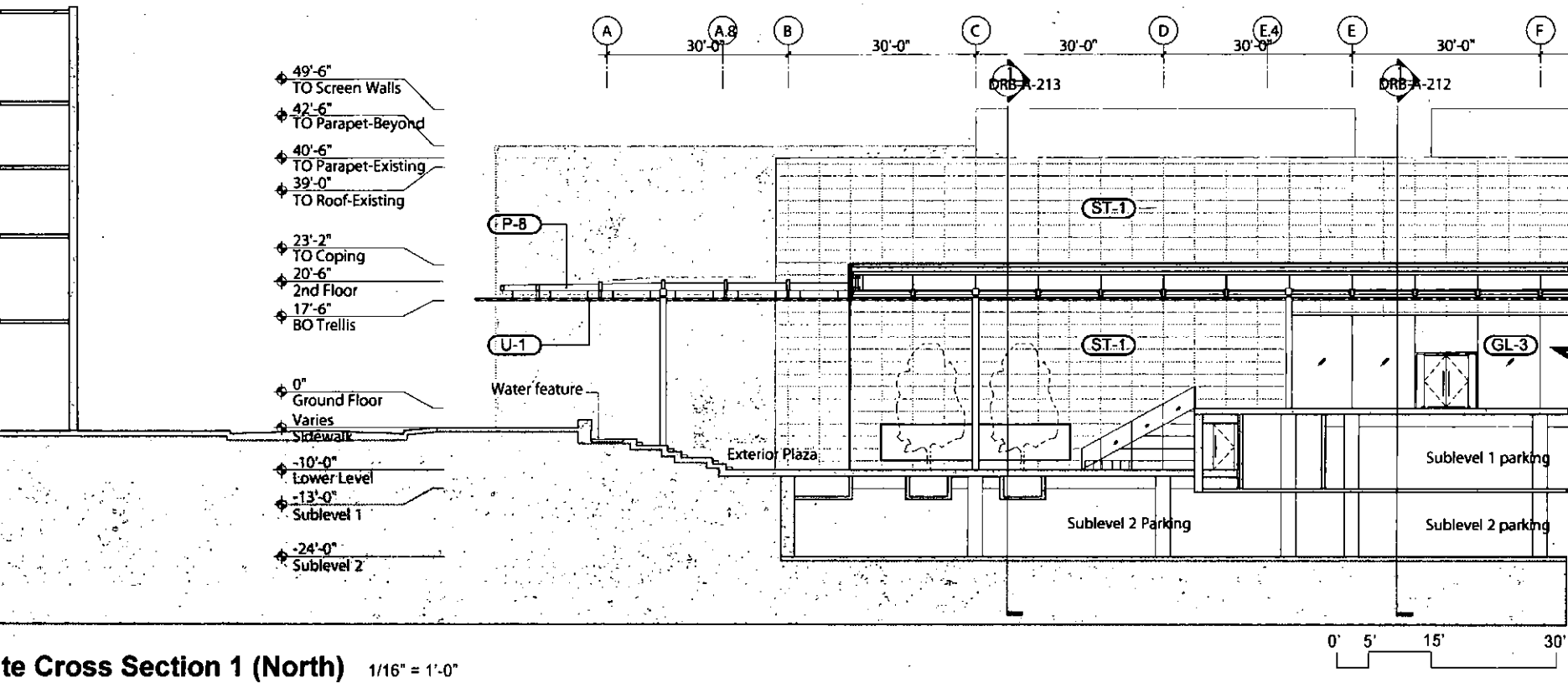
Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Square



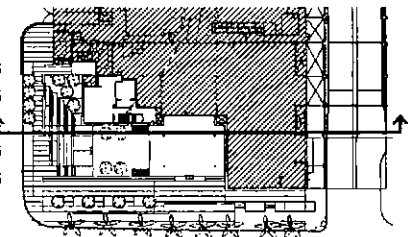


# **FINISH LEGEND**

CODE	MATERIAL	NOTES	CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls	GL-1	Glass	18' High Glass @ East Facade
ST-2	Stone	For Interior & Exterior Floors	GL-2	Glass	27' High Glass @ South Facade
ST-3	Stone	For Water Feature	MP-5	Metal Panel	Roof
ST-4	Stone	For Exterior Landscape Benches/Walls	MP-6	Metal Panel	Roof
U-1	UHPC	For Trellis	P-8	Ptd. Steel	For Trellis Structure
C-1	Concrete	For Exterior Plaza	PL-1	EIFS	Existing EIFS to remain

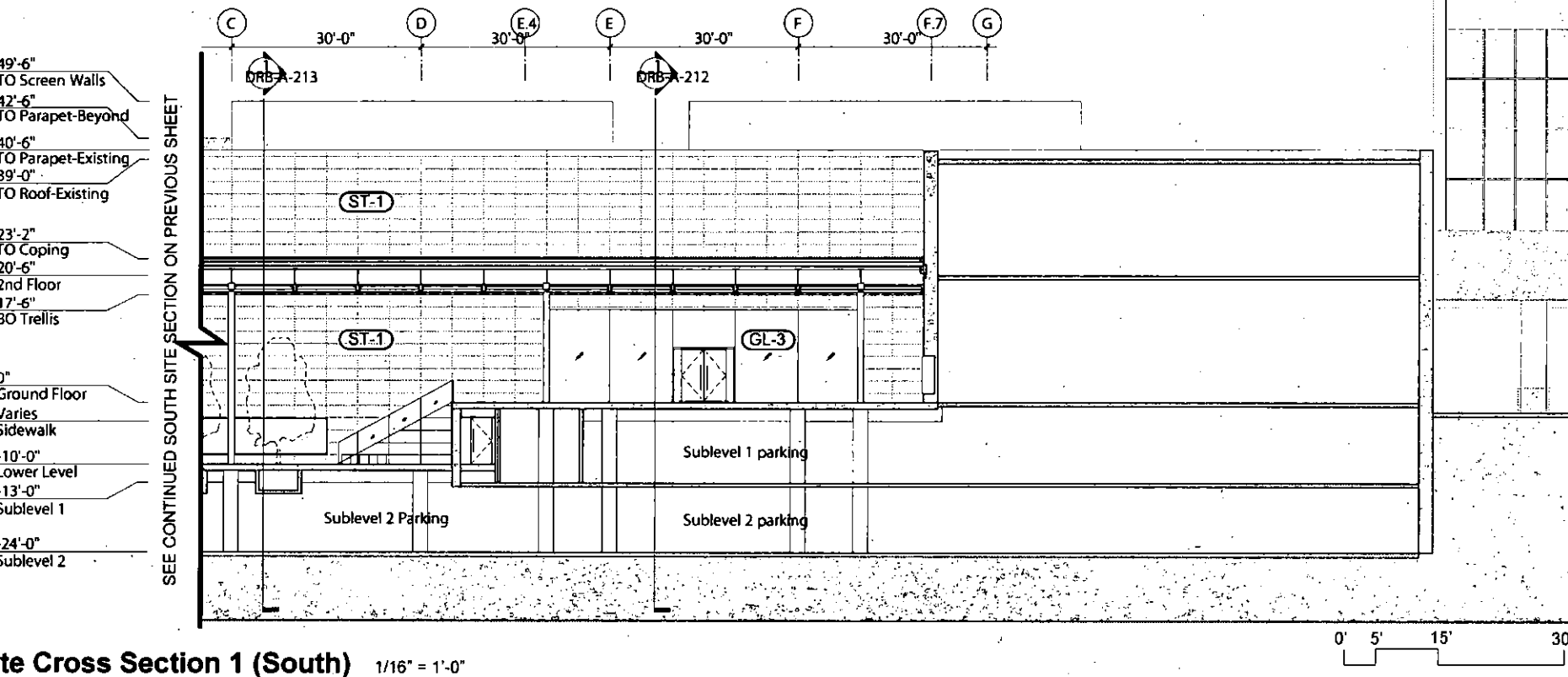


**te Cross Section 1 (North)** 1/16" = 1'-0"



# **FINISH LEGEND**

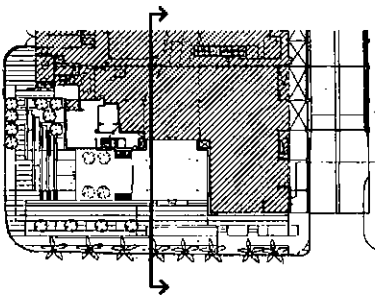
CODE	MATERIAL	NOTES	CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls	GL-1	Glass	18' High Glass @ East Facade
ST-2	Stone	For Interior & Exterior Floors	GL-2	Glass	27' High Glass @ South Facade
ST-3	Stone	For Water Feature	MP-5	Metal Panel	Roof
ST-4	Stone	For Exterior Landscape Benches/Walls	MP-6	Metal Panel	Roof
U-1	UHPC	For Trellis	P-8	Ptd. Steel	For Trellis Structure
C-1	Concrete	For Exterior Plaza	PL-1	EIFS	Existing EIFS to remain



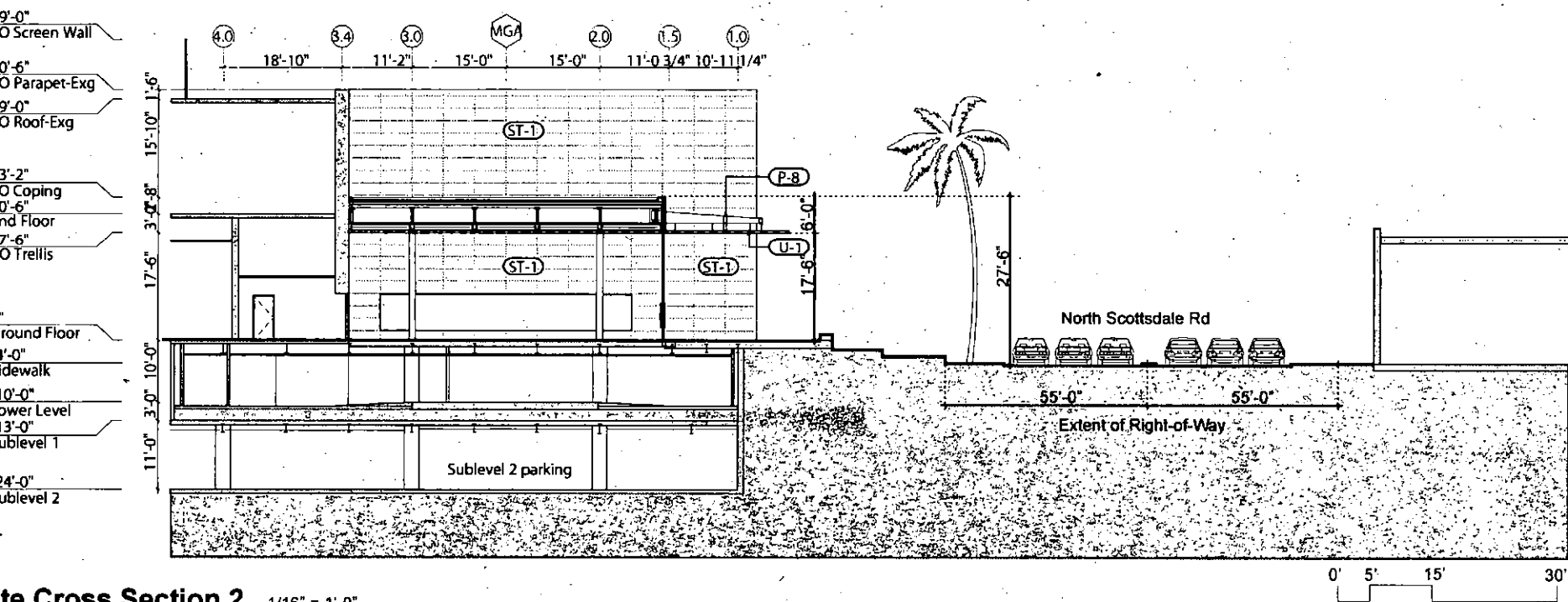
**Cross Section 1 (South)**

of Scottsdale Development Review  
vised - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Squ



FINISH LEGEND					
CODE	MATERIAL	NOTES	CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls	GL-1	Glass	18' High Glass @ East Facade
ST-2	Stone	For Interior & Exterior Floors	GL-2	Glass	27' High Glass @ South Facade
ST-3	Stone	For Water Feature	MP-5	Metal Panel	Roof
ST-4	Stone	For Exterior Landscape Benches/Walls	MP-6	Metal Panel	Roof
U-1	UHPC	For Trellis	P-8	Ptd. Steel	For Trellis Structure
C-1	Concrete	For Exterior Plaza	PL-1	EIFS	Existing EIFS to remain

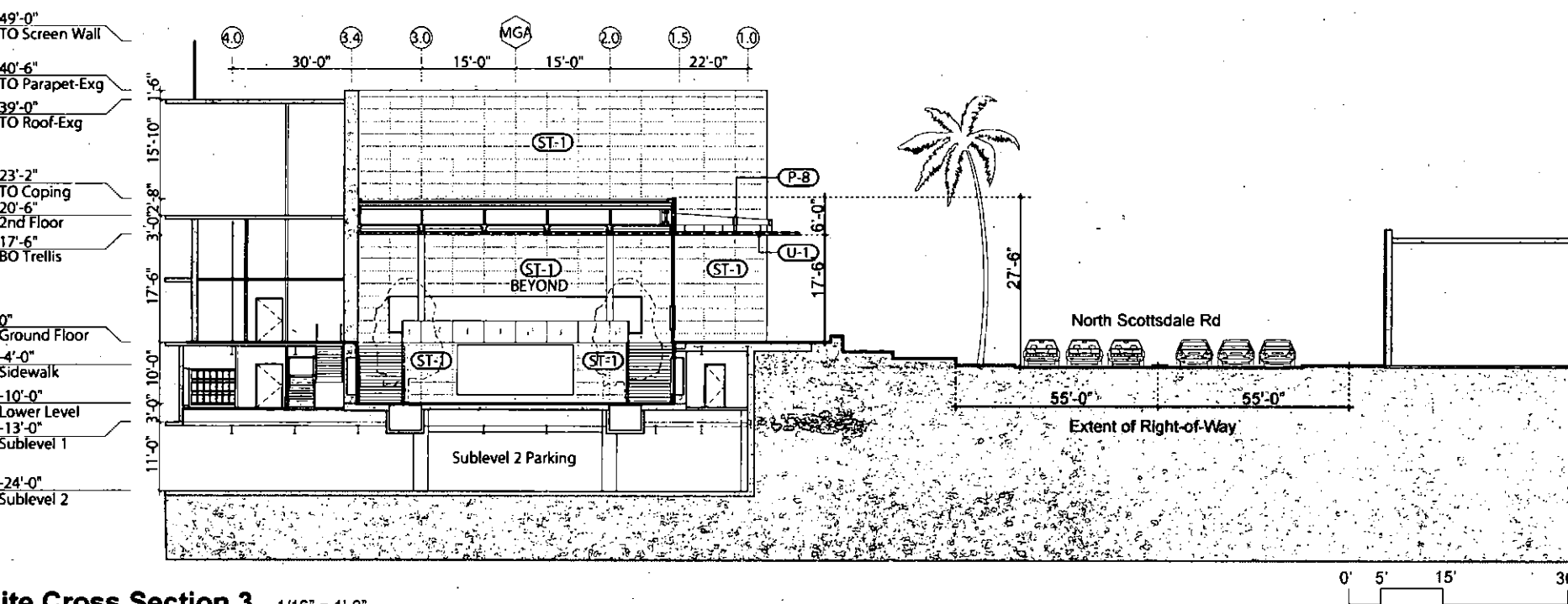


**Cross Section 2** 1/16" = 1'-0"

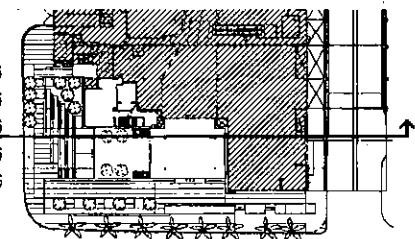
City of Scottsdale Development Review  
 Revised - June 22, 2017

Owner: Macerich  
 Design Professional: Ennead Architects  
 Project: Scottsdale Fashion Square

FINISH LEGEND					
CODE	MATERIAL	NOTES	CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls	GL-1	Glass	18' High Glass @ East Facade
ST-2	Stone	For Interior & Exterior Floors	GL-2	Glass	27' High Glass @ South Facade
ST-3	Stone	For Water Feature	MP-5	Metal Panel	Roof
ST-4	Stone	For Exterior Landscape Benches/Walls	MP-6	Metal Panel	Roof
U-1	UHPC	For Trellis	P-8	Ptd. Steel	For Trellis Structure
C-1	Concrete	For Exterior Plaza	PL-1	EIFS	Existing EIFS to remain

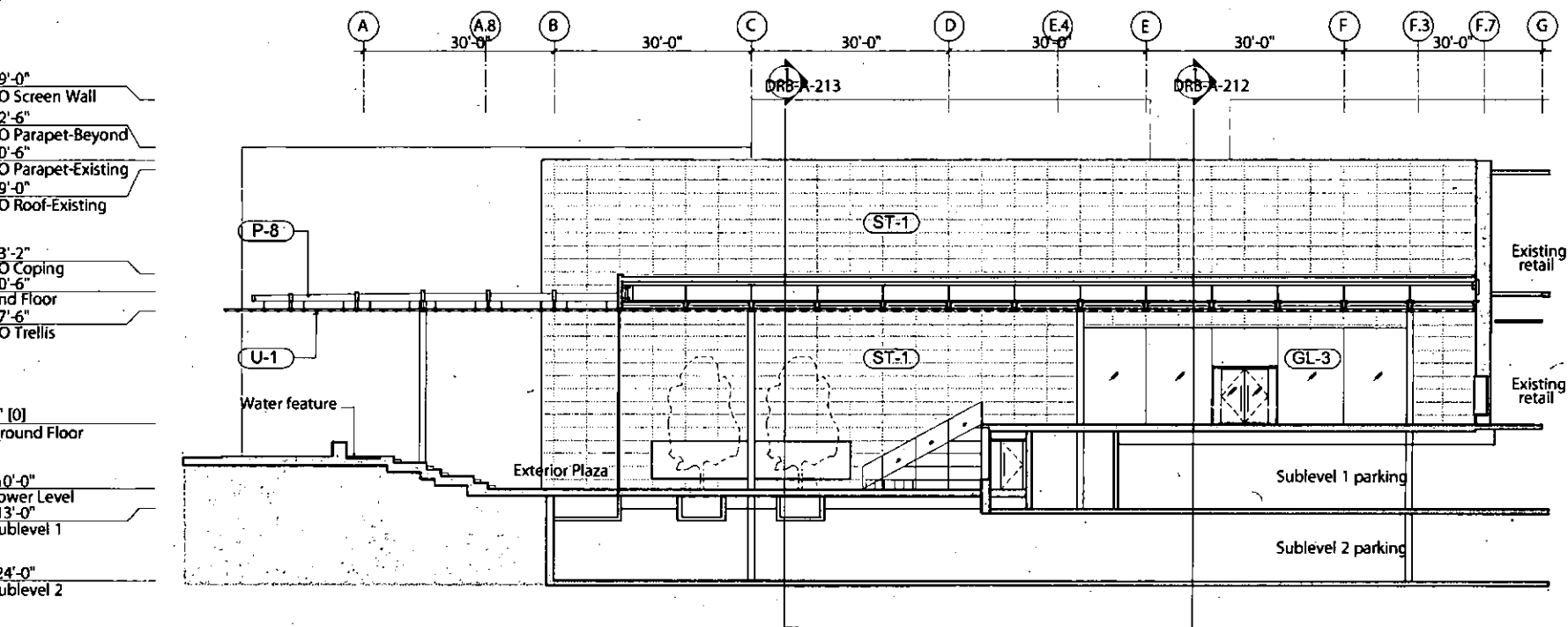


**ite Cross Section 3** 1/16" = 1'-0"



# **FINISH LEGEND**

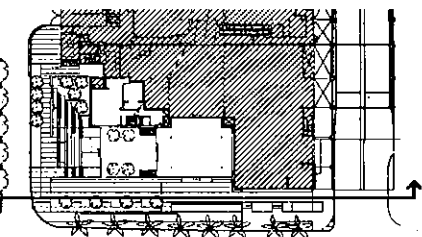
CODE	MATERIAL	NOTES	CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls	GL-1	Glass	18' High Glass @ East Facade
ST-2	Stone	For Interior & Exterior Floors	GL-2	Glass	27' High Glass @ South Facade
ST-3	Stone	For Water Feature	MP-5	Metal Panel	Roof
ST-4	Stone	For Exterior Landscape Benches/Walls	MP-6	Metal Panel	Roof
U-1	UHPC	For Trellis	P-8	Ptd. Steel	For Trellis Structure
C-1	Concrete	For Exterior Plaza	PL-1	EIFS	Existing EIFS to remain



**Building Section 1** 1/16" = 1'-0"

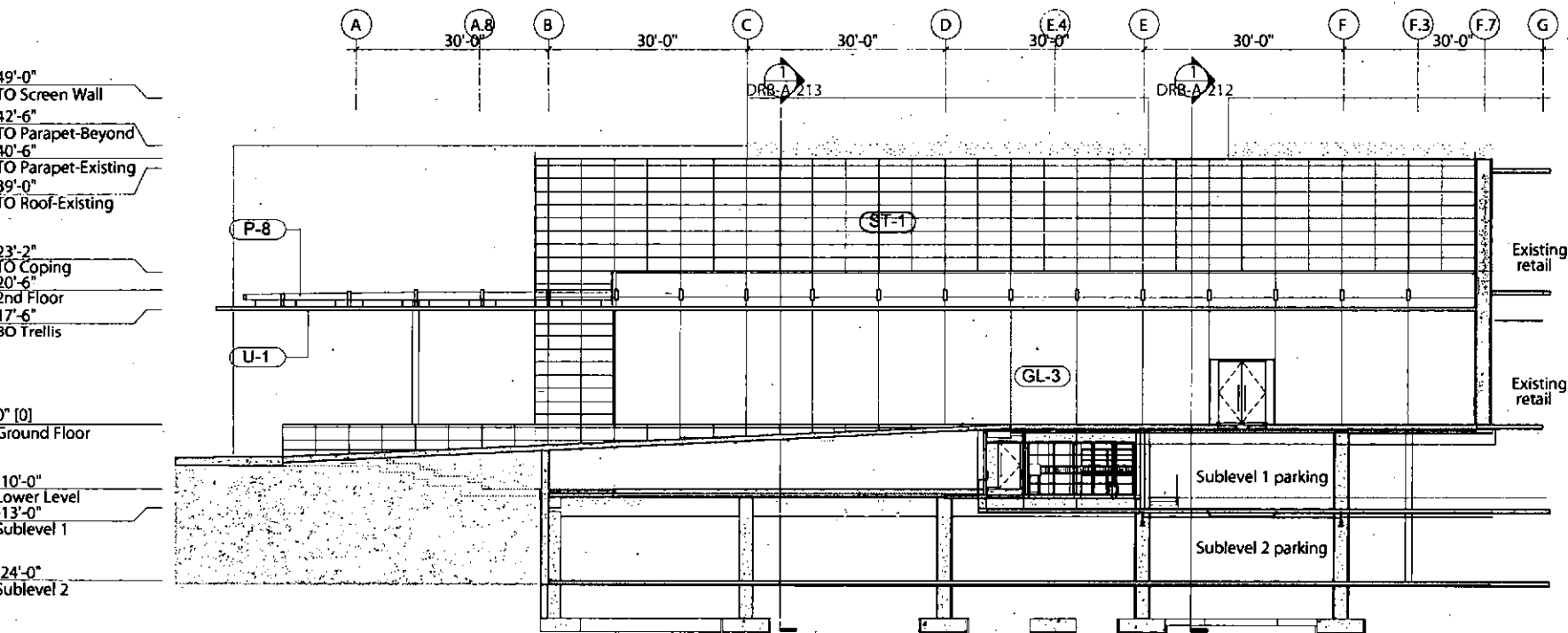
City of Scottsdale Development Review  
 Revised - June 22, 2017

Owner: Macerich  
 Design Professional: Ennead Architects  
 Project: Scottsdale Fashion Square



# **FINISH LEGEND**

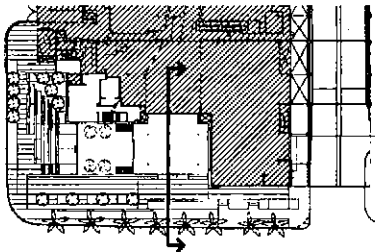
CODE	MATERIAL	NOTES	CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls	GL-1	Glass	18' High Glass @ East Facade
ST-2	Stone	For Interior & Exterior Floors	GL-2	Glass	27' High Glass @ South Facade
ST-3	Stone	For Water Feature	MP-5	Metal Panel	Roof
ST-4	Stone	For Exterior Landscape Benches/Walls	MP-6	Metal Panel	Roof
U-1	UHPC	For Trellis	P-8	Ptd. Steel	For Trellis Structure
C-1	Concrete	For Exterior Plaza	PL-1	EIFS	Existing EIFS to remain



## **Building Section 2** 1/16" = 1'-0"

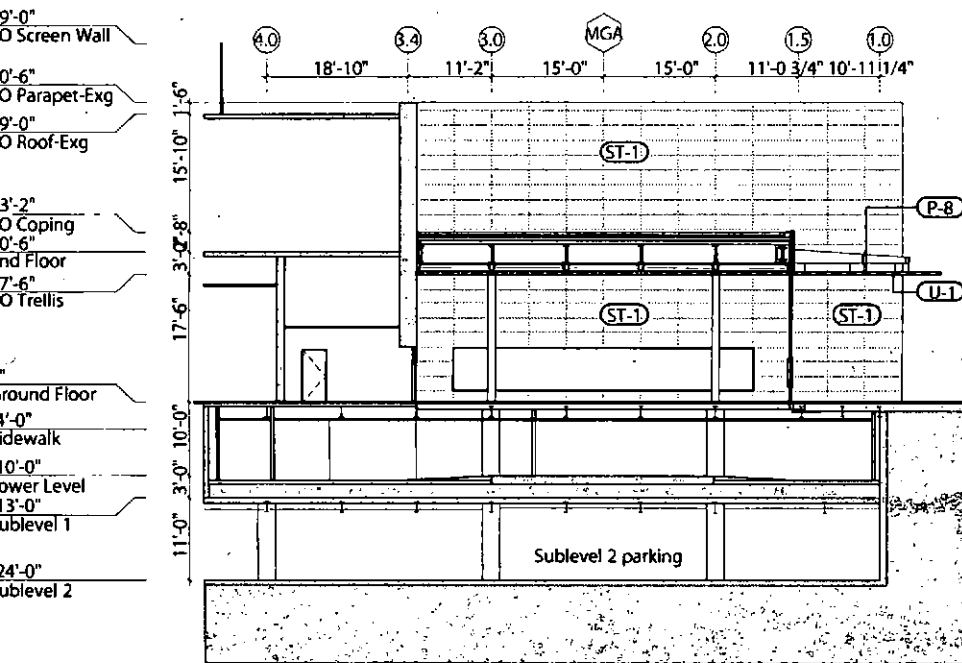
City of Scottsdale Development Review  
Revised - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Square



# **FINISH LEGEND**

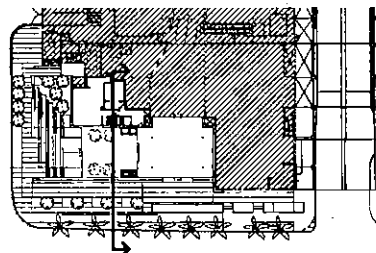
CODE	MATERIAL	NOTES	CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls	GL-1	Glass	18' High Glass @ East Facade
ST-2	Stone	For Interior & Exterior Floors	GL-2	Glass	27' High Glass @ South Facade
ST-3	Stone	For Water Feature	MP-5	Metal Panel	Roof
ST-4	Stone	For Exterior Landscape Benches/Walls	MP-6	Metal Panel	Roof
U-1	UHPC	For Trellis	P-8	Ptd. Steel	For Trellis Structure
C-1	Concrete	For Exterior Plaza	PL-1	EIFS	Existing EIFS to remain



**Building Section 3** 1/16" = 1'-0"

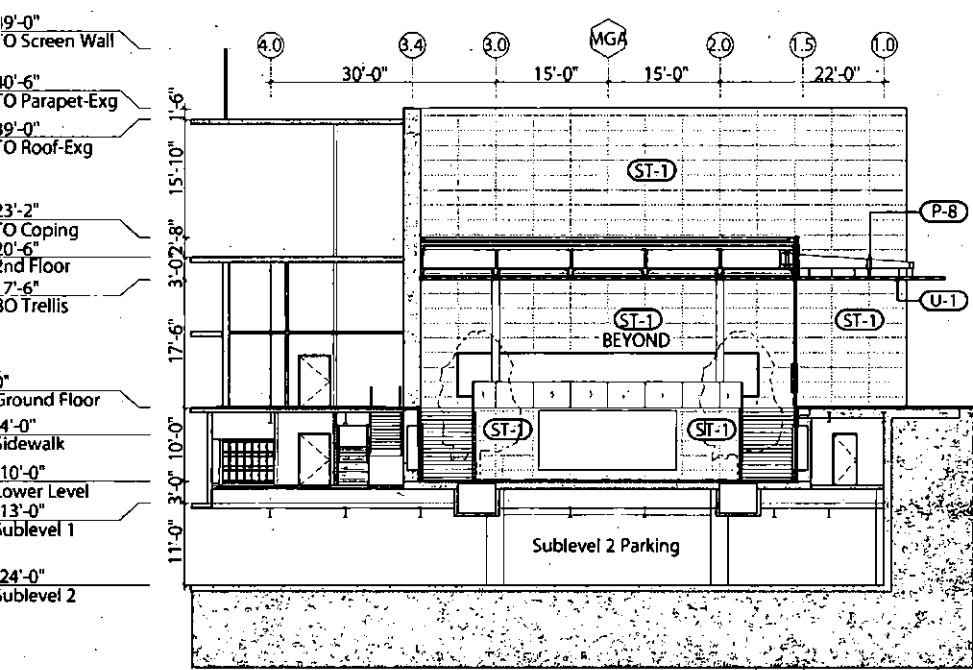
City of Scottsdale Development Review  
 Revised - June 22, 2017

Owner: Macerich  
 Design Professional: Ennead Architects  
 Project: Scottsdale Fashion Square



# **FINISH LEGEND**

CODE	MATERIAL	NOTES	CODE	MATERIAL	NOTES
ST-1	Stone	For Interior & Exterior Walls	GL-1	Glass	18' High Glass @ East Facade
ST-2	Stone	For Interior & Exterior Floors	GL-2	Glass	27' High Glass @ South Facade
ST-3	Stone	For Water Feature	MP-5	Metal Panel	Roof
ST-4	Stone	For Exterior Landscape Benches/Walls	MP-6	Metal Panel	Roof
U-1	UHPC	For Trellis	P-8	Ptd. Steel	For Trellis Structure
C-1	Concrete	For Exterior Plaza	PL-1	EIFS	Existing EIFS to remain



**Building Section 4** 1/16" = 1'-0"

City of Scottsdale Development Review  
 Revised - June 22, 2017

Owner: Macerich  
 Design Professional: Ennead Architects  
 Project: Scottsdale Fashion Square



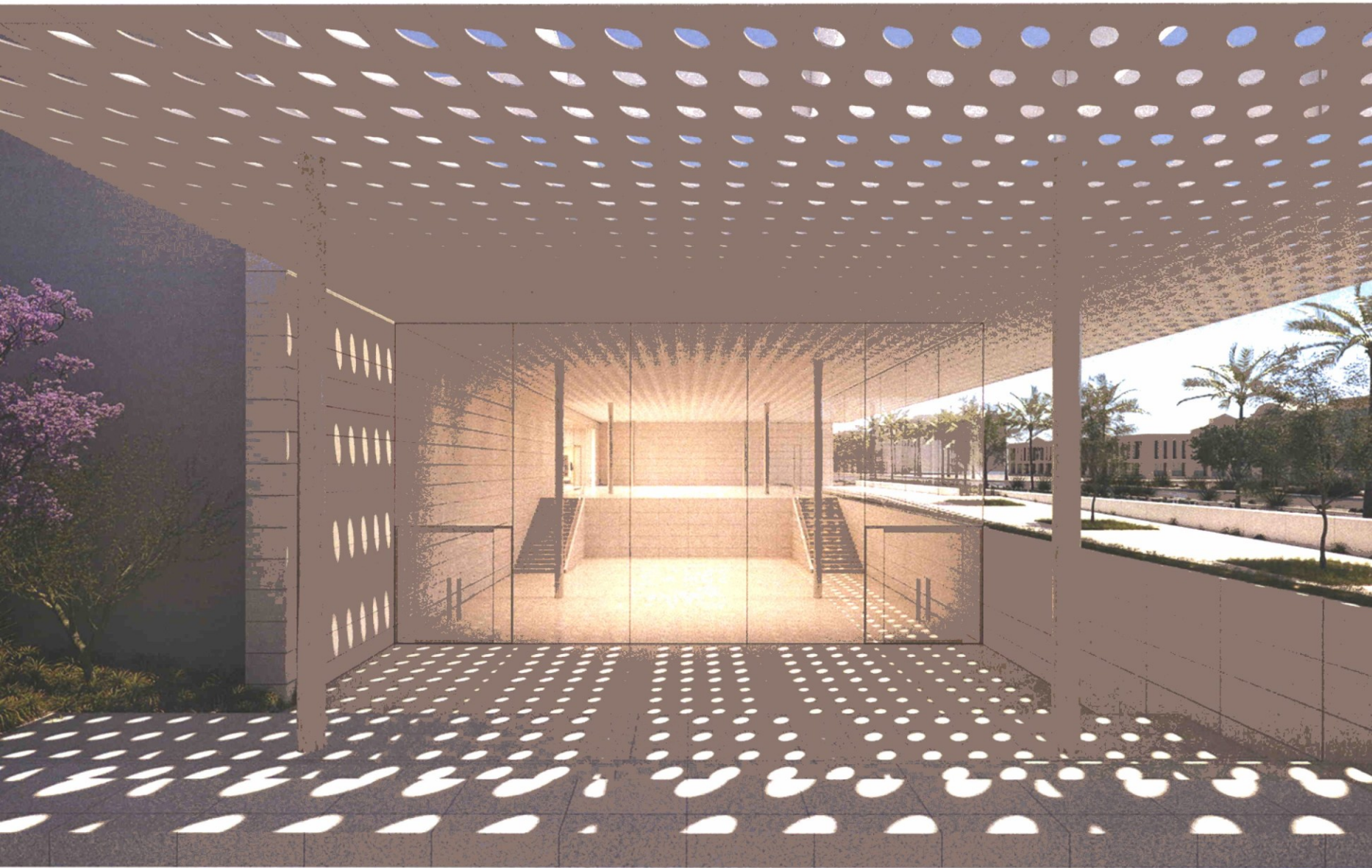


**spective 1** Not to scale

Scottsdale Development Review  
d - June 22, 2017

Owner: **Macerich**  
Design Professional: **Ennead Architects**  
Project: **Scottsdale Fashion**





**Perspective 2** Not to scale

Scottsdale Development Review  
June 22, 2017

Owner:	Macerich
Design Professional:	Ennead Architects
Project:	Scottsdale Fashion





### perspective 3

Not to scale

Scottsdale Development Review  
d - June 22, 2017

Owner:	Macerich
Design Professional:	Ennead Architects
Project:	Scottsdale Fashion



ed Streetscape Elevation



ed Streetscape Elevation

## Streetscape Elevations

Not to scale

Scottsdale Development Review  
d - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion





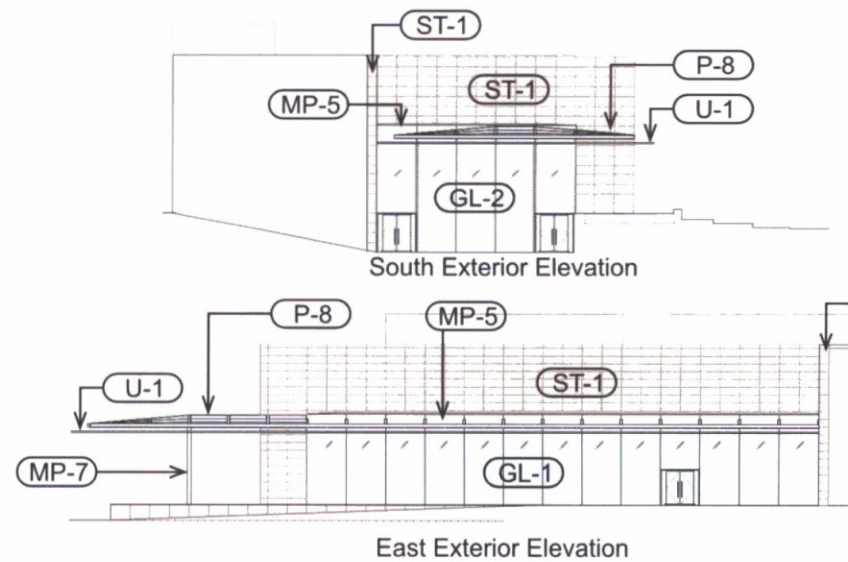
**U-1 Trellis Concrete Finish**  
Ultra High Performance Concrete

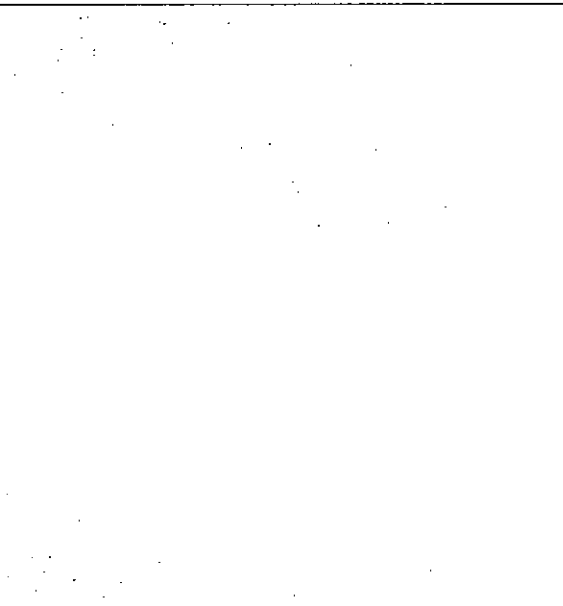


**ST-1 Exterior Wall Stone Finish**  
Moca Creme

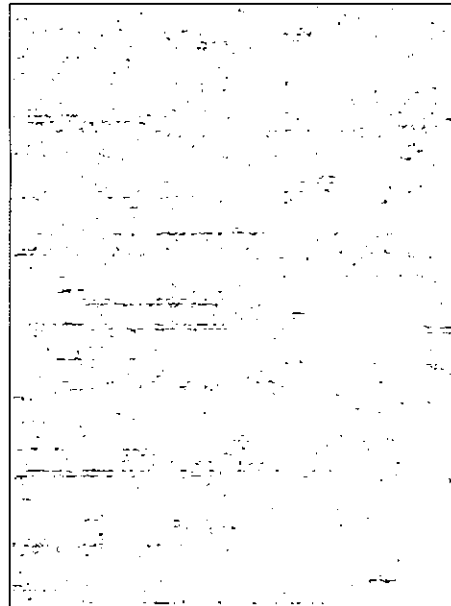


**ST-2 Exterior Floor / Bench Stone Finish**  
Gobi Granite

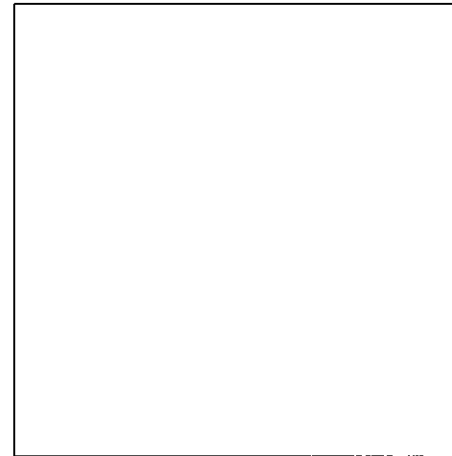




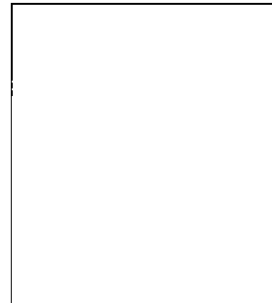
**GL-1 / GL-2** Exterior Facade Glass



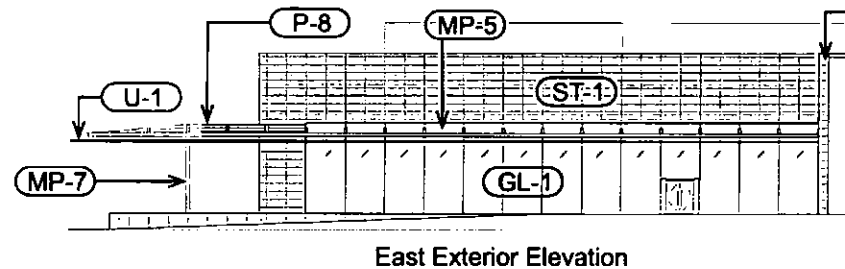
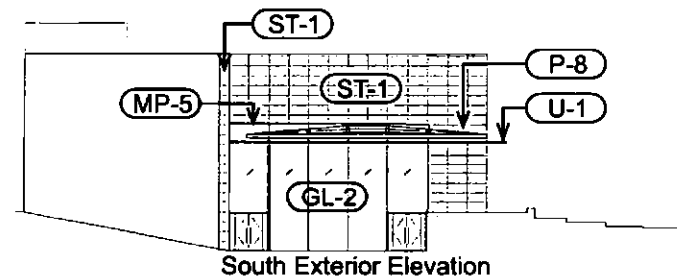
**MP-7** Column Metal Finish  
Plain 304 SS Dull Bead Blast

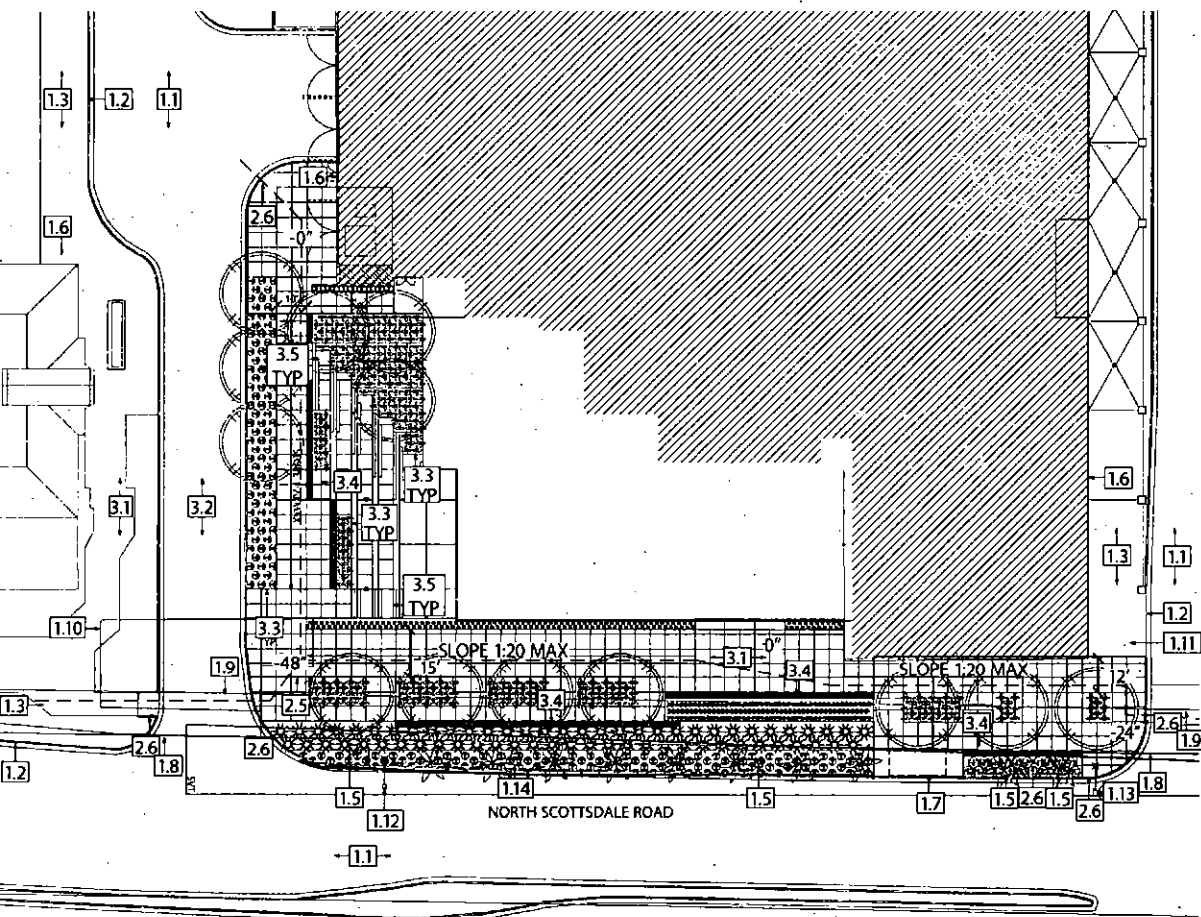


**MP-5** Roof Metal Panel  
Duranar Bone White UC43350



**P-8**  
Painted Structural Steel





**Landscape Site Plan** 1" = 40'-0"

Also see Landscape/ Hardscape Site Notes

#### KEYNOTES:

##### EXISTING CONDITIONS:

- 1.1 EXIST. ASPHALT PAVING. PROTECT-IN-PLACE.
- 1.2 EXIST. CURB & GUTTER. PROTECT-IN-PLACE.
- 1.3 EXIST. CONC. WALKWAY. PROTECT-IN-PLACE.
- 1.4 EXIST. OVERHEAD PWR POLE. PROTECT-IN-PLACE.
- 1.5 EXIST. UTILITY - VARIES. PROTECT-IN-PLACE.
- 1.6 EXIST. BUILDING. PROTECT-IN-PLACE.
- 1.7 EXIST. BUS STOP. PROTECT-IN-PLACE.
- 1.8 EXIST. RIGHT OF WAY. PROTECT-IN-PLACE.
- 1.9 EXIST. 15'-0" PUBLIC ACCESS EASEMENT.
- 1.10 EXIST. WATER LINE EASEMENT.
- 1.11 EXIST. UTILITY USE EASEMENT.
- 1.12 EXIST. STREET LIGHT POLE. PROTECT-IN-PLACE.
- 1.13 EXIST. STREET LIGHT POLE W/ TRAFFIC LIGHT, PROTECT-IN-PLACE.
- 1.14 EXIST. STORM DRAIN MAN HOLE. PROTECT-IN-PLACE.

##### SITEWORK/ UTILITIES:

- 2.1 PROPERTY LINE.
- 2.2 LIMIT OF CONSTRUCTION.
- 2.3 SITE DRAIN. REFER TO CIVIL.
- 2.4 FIRE HYDRANT. REFER TO CIVIL.
- 2.5 BUILDING OVERHANG. REFER TO ARCH.
- 2.6 SIDEWALK RAMP

##### CONCRETE/ PAVING/ CONSTRUCTION/ FINISHES:

- 3.1 PEDESTRIAN RATED PAVING.
- 3.2 VEHICLE RATED PAVING.
- 3.3 CONC. TURN DOWN AT ALL PLANTER EDGES.
- 3.4 4'-0" HT MAX. CONC. SEAT WALL. HT. VARIES.
- 3.5 CONCRETE STEPPED SEATING.

##### MISCELLANEOUS/ SITE FURNISHINGS/ STEEL:

- 4.1 AT-GRADE REFLECTING POOL (ADD ALT.)
- 4.2 12" HT. UNFINISHED STEEL HEADER.
- 4.3 24" HT. UNFINISHED STEEL HEADER.
- 4.4 24" HT. UNFINISHED STEEL BOX PLANTER
- 4.5 RAISED WALL.
- 4.6 STAINLESS STL. HANDRAIL @ STEPPED SEATING
- 4.7 1/8" TH STAINLESS STL. SKATEBOARD DETERRENT.

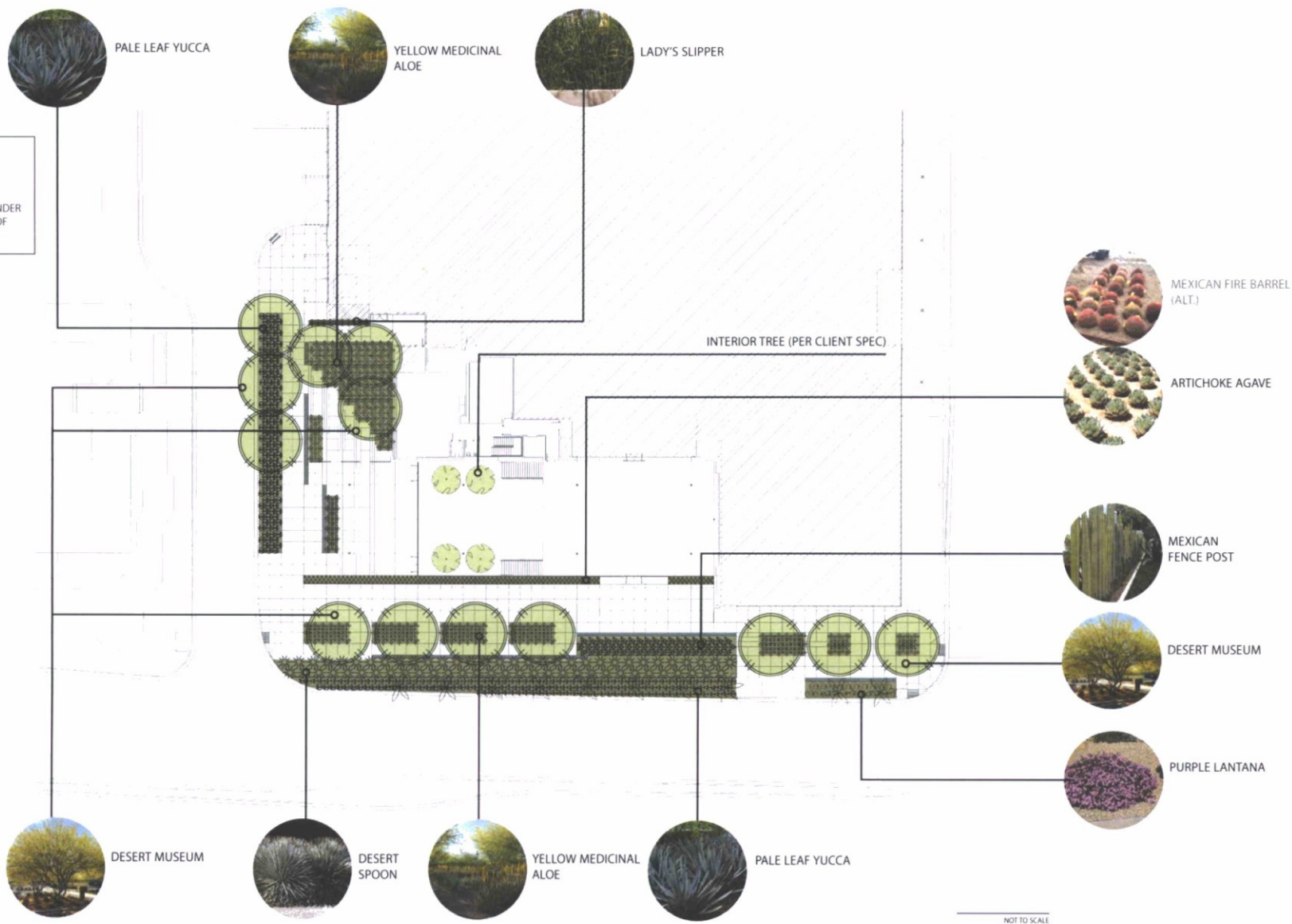
##### PLANTING AND LANDSCAPE:

- 5.1 AT-GRADE PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE
- 5.2 TERRACE PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE
- 5.3 SLOPED PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE. 4:1 SLOPE MAX.
- 5.4 RAISED PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE
- 5.5 4'-0" HT MAX. PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE, HEIGHT VARIES.





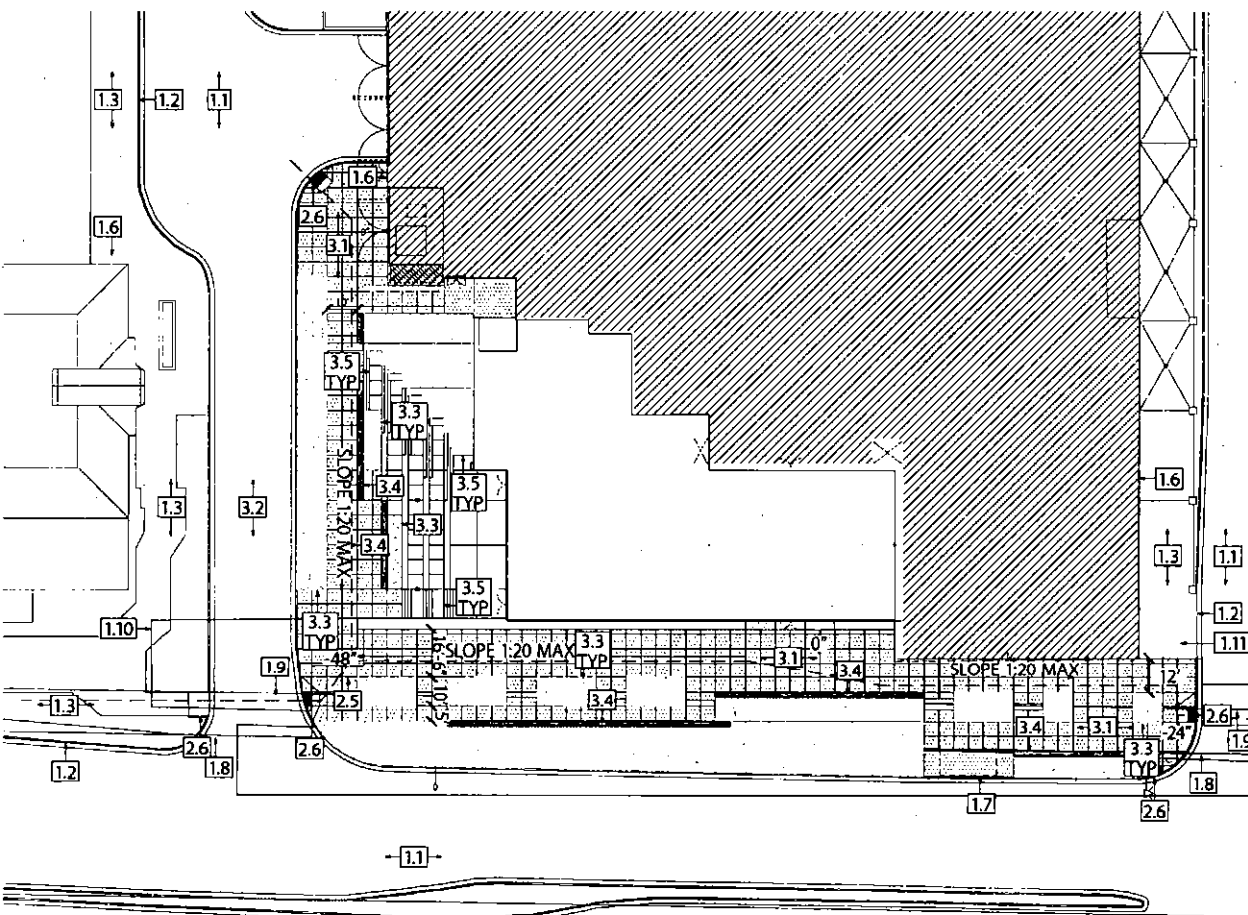
NOTE:  
 MEETING WITH STEVE VENKER (CITY OF  
 SCOTTSDALE) IS SCHEDULED FOR 6/23. THE  
 REVISION PORTION OF THIS DOCUMENTATION  
 (ON 6/13 DRB REVIEW COMMENTS) IS UNDER  
 REVIEW AND CONTINGENT ON THE OUTCOME OF  
 MEETING.



## Landscape Selection Plan

Not to Scale

Also see Landscape/ Hardscape Site Notes



## Landscape Plan 1" = 40'-0"

Also see Landscape/ Hardscape Site Notes

### KEYNOTES:

#### EXISTING CONDITIONS:

- 1.1 EXIST. ASPHALT PAVING. PROTECT-IN-PLACE.
- 1.2 EXIST. CURB & GUTTER. PROTECT-IN-PLACE.
- 1.3 EXIST. CONC. WALKWAY. PROTECT-IN-PLACE.
- 1.4 EXIST. OVERHEAD PWR POLE. PROTECT-IN-PLACE.
- 1.5 EXIST. UTILITY - VARIES. PROTECT-IN-PLACE.
- 1.6 EXIST. BUILDING. PROTECT-IN-PLACE.
- 1.7 EXIST. BUS STOP. PROTECT-IN-PLACE.
- 1.8 EXIST. RIGHT OF WAY. PROTECT-IN-PLACE.
- 1.9 EXIST. 15'-0" PUBLIC ACCESS EASEMENT.
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- 1.12 EXIST. STREET LIGHT POLE. PROTECT-IN-PLACE.
- 1.13 EXIST. STREET LIGHT POLE W/ TRAFFIC LIGHT, PROTECT-IN-PLACE.
- 1.14 EXIST. STORM DRAIN MAN HOLE, PROTECT-IN-PLACE.

#### SITEWORK/ UTILITIES:

- 2.1 PROPERTY LINE.
- 2.2 LIMIT OF CONSTRUCTION.
- 2.3 SITE DRAIN. REFER TO CIVIL.
- 2.4 FIRE HYDRANT. REFER TO CIVIL.
- 2.5 BUILDING OVERHANG. REFER TO ARCH.
- 2.6 SIDEWALK RAMP

#### CONCRETE/ PAVING/ CONSTRUCTION/ FINISHES:

- 3.1 PEDESTRIAN RATED PAVING.
- 3.2 VEHICLE RATED PAVING.
- 3.3 CONC. TURN DOWN AT ALL PLANTER EDGES.
- 3.4 4'-0" HT MAX. CONC. SEAT WALL. HT. VARIES.
- 3.5 CONCRETE STEPPED SEATING.

#### MISCELLANEOUS/ SITE FURNISHINGS/ STEEL:

- 4.1 AT-GRADE REFLECTING POOL (ADD ALT.)
- 4.2 12" HT. UNFINISHED STEEL HEADER.
- 4.3 24" HT. UNFINISHED STEEL HEADER.
- 4.4 24" HT. UNFINISHED STEEL BOX PLANTER
- 4.5 RAISED WALL.
- 4.6 STAINLESS STL. HANDRAIL @ STEPPED SEATING
- 4.7 1/8" TH STAINLESS STL. SKATEBOARD DETERRENT.

#### PLANTING AND LANDSCAPE:

- 5.1 AT-GRADE PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE
- 5.2 TERRACE PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE
- 5.3 SLOPED PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE. 4:1 SLOPE MAX.
- 5.4 RAISED PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE
- 5.5 4'-0" HT MAX. PLANTER W/ 2" DEEP 1/2" MINUS DECOMPOSED GRANITE, HEIGHT VARIES.

**CITY OF SCOTTSDALE SITE NOTES:**

- 1. SIGHT DISTANCE TRIANGLES SHALL BE SHOWN ON FINAL PLANS FOR DRIVEWAYS FROM COMMERCIAL SITES AND ANY INTERSECTIONS. AREA WITHIN THE SAFETY TRIANGLE IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 1.5 FEET. TREES WITHIN THE SAFETY TRIANGLE SHALL BE SINGLE TRUNK AND HAVE A CANOPY THAT BEGINS AT 8 FEET IN HEIGHT UPON INSTALLATION. ALL HEIGHTS ARE MEASURED FROM NEAREST STREET LINE ELEVATION.
- 2. TEMPORARY/SECURITY FENCING THAT IS REQUIRED OR IS OPTIONALLY PROVIDED SHALL BE IN ACCORDANCE WITH THE ZONING ORDINANCE AND THE DESIGN STANDARDS AND POLICIES MANUAL.
- 3. THE TEMPORARY/SECURITY FENCE LOCATION SHALL NOT BE MODIFIED OR THE TEMPORARY/SECURITY FENCE SHALL NOT BE REMOVED WITHOUT THE APPROVAL OF THE PLANNING AND DEVELOPMENT SERVICES' INSPECTION SERVICES DIVISION.
- 4. ALL RIGHTS-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER.
- 5. ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS.
- 6. A MASTER SIGN PROGRAM SHALL BE SUBJECT TO THE APPROVED OF THE DEVELOPMENT REVIEW BOARD PRIOR TO THE ISSUANCE OF A SIGN PERMIT FOR MULTI-TENANT BUILDINGS.
- 7. NO EXTERIOR VENDING OR DISPLAY SHALL BE ALLOWED.
- 8. FLAGPOLES, IF PROVIDED, SHALL BE ONE PIECE CONICAL TAPERED.
- 9. NO EXTERIOR PUBLIC ADDRESS OR SPEAKER SYSTEM SHALL BE ALLOWED.
- 10. PATIO UMBRELLAS, IF PROVIDED, SHALL BE SOLID COLORS AND SHALL NOT HAVE ANY ADVERTISING IN THE FORM OF SIGNAGE OR LOGOS.
- 11. ALL EXTERIOR MECHANICAL, UTILITY, AND COMMUNICATION EQUIPMENT SHALL BE SCREENED TO THE HEIGHT OF THE TALLEST UNIT BY PARAPET OR SCREEN WALL THAT MATCHES THE ARCHITECTURAL COLOR AND ARCHITECTURAL FINISH OF THE BUILDING. GROUND MOUNTED MECHANICAL, UTILITY, AND COMMUNICATION EQUIPMENT SHALL BE SCREENED BY A SCREEN WALL THAT MATCHES THE ARCHITECTURAL COLOR AND ARCHITECTURAL FINISH OF THE BUILDING, WHICH IS A MINIMUM OF 1'-0" HIGHER THAN THE HIGHEST POINT OF TALLEST UNIT. (DETAILS ARE STILL REQUIRED.)
- 12. ALL EQUIPMENT, UTILITIES, OR OTHER APPURTENANCES ATTACHED TO THE BUILDING SHALL BE AN INTEGRAL PART OF THE BUILDING DESIGN IN TERMS OF FORM, COLOR AND TEXTURE.
- 13. NO EXTERIOR VISIBLE LADDERS SHALL BE ALLOWED.
- 14. ALL POLE-MOUNTED LIGHTING SHALL BE A MAXIMUM OF 20 FEET IN HEIGHT.
- 15. NO CHAIN LINK FENCING SHALL BE ALLOWED.
- 16. NO TURF AREAS SHALL BE PROVIDED.
- 17. NO IRRIGATION SHALL BE PROVIDED TO UNDISTURBED NATURAL AREA OPEN SPACE (NAOS) AREAS.
- 18. PROVIDE THE NATURAL AREA OPEN SPACE (NAOS) AND LIMITS OF CONSTRUCTION (LOC) PROTECTION PROGRAM ON THE PLANS:

**NATURAL AREA OPEN SPACE (NAOS) AND LIMITS OF CONSTRUCTION (LOC) PROTECTION PROGRAM:**

- 1. NO BUILDING, GRADING, OR CONSTRUCTION ACTIVITY SHALL ENCROACH INTO AREAS DESIGNATED AS NAOS, OR OUTSIDE THE DESIGNATED CONSTRUCTION ENVELOPE.
- 2. ALL NAOS AND AREA OUTSIDE OF THE LOC SHALL BE PROTECTED FROM DAMAGE PRIOR TO, AND DURING CONSTRUCTION BY THE FOLLOWING METHODS:
  - A. A REGISTERED LAND SURVEYOR SHALL STAKE ALL NAOS AND LOC DISTURBANCE BASED ON THIS EXHIBIT.
  - B. + THREE (3) FOOT TALL STEEL REBAR OR CITY OF SCOTTSDALE INSPECTION SERVICES APPROVED SIMILAR, SHALL BE SET ALONG THE NAOS AND LOC AND CONNECTED WITH GOLD ROPING BY THE CONTRACTOR PRIOR TO ANY CLEARING OR GRADING.
  - C. ALL CACTUS SUBJECT TO THE CITY OF SCOTTSDALE'S NATIVE PLANT ORDINANCE DIRECTLY ADJACENT, WITHIN TWO FEET, OF THE NAOS AND LOC LINE SHALL BE FENCED WITH WIRE FENCING TO PREVENT DAMAGE.
  - D. THE STAKING, ROPING AND FENCING SHALL BE MAINTAINED INTACT BY THE CONTRACTOR DURING THE DURATION OF THE CONSTRUCTION ACTIVITY.
- 3. THE CONTRACTOR SHALL REMOVE STAKING, ROPING, AND FENCING AFTER RECEIPT OF THE LETTER OF ACCEPTANCE FROM THE CITY OF SCOTTSDALE FOR ALL CONSTRUCTION WORK.

**andscape/Hardscape Site Notes**

## **NERT MATERIALS**

1/2" MINUS DECOMPOSED GRANITE TOP DRESSING@ 2" DEPTH MIN.  
COLOR - TBD, STOCK PILE EXISTING FOR REUSE APPROX. SQ. FT.- 1250  
SQ. FT.

## **PLANTING GENERAL NOTES:**

1. PLANTING AREAS SHALL BE WATERED WITH AN AUTOMATIC DRIP IRRIGATION SYSTEM.
2. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS SET FORTH IN THE AMERICAN STANDARDS OF NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND BY THE AMERICAN ASSOCIATION OF RECOMMENDED TREE SPECIFICATIONS.
3. AREAS OF DECOMPOSED GRANITE SHALL NOT EXCEED 7 FEET IN ANY DIRECTION WITHOUT PLANT MATERIALS OR GROUND COVER, UNLESS NOTED OTHERWISE.
4. ALL AREAS TO BE DISTURBED BY CONSTRUCTION, INCLUDING ANY AREAS DISTURBED BEYOND WHAT IS SHOWN ON PLANS, SHALL BE REPLANTED TO REFLECT PRE-CONSTRUCTION CONDITION. AT ALL TIMES THE PLANTS INSTALLED IN ALL AREAS ARE TO MATCH THE SURROUNDING AREA IN DENSITY AND PLANT TYPE.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY QUANTITIES INCLUDING TREES, SHRUBS, GROUND COVERS, DECOMPOSED GRANITE, MULCH AND OTHER ITEMS SHOWN ON THE PLANS.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF MAJOR DISCREPANCIES. IN CASE OF DISCREPANCY BETWEEN THE NUMBER OF PLANTS INDICATED ON THE PLANT LIST, THE DRAWINGS SHALL GOVERN.
7. NO PLANT SUBSTITUTIONS, TYPE OR QUANTITY DEVIATION FROM THE APPROVED LANDSCAPE OR IRRIGATION PLANS WITHOUT PERMISSION FROM THE LANDSCAPE ARCHITECT.
8. THE SUBCONTRACTOR SHALL MARK AND CONFIRM LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION. CONFLICTS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR RESOLUTION. CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY COVER, BOXES, LIDS AND MANHOLES IN AN EXPOSED CONDITION.
9. DO NOT STAKE TREES 36" BOX OR LARGER, IF APPLICABLE.
10. PLANT MATERIAL SHALL BE MAINTAINED IN A NATURAL STATE.

## **IRRIGATION GENERAL NOTES:**

1. ALL PLANTING AREAS SHALL BE WATERED WITH AN AUTOMATIC DRIP IRRIGATION SYSTEM.
2. EXISTING IRRIGATION SHALL BE UTILIZED WHERE POSSIBLE AND ADJUSTED TO ACCOMMODATE NEW PLANTINGS. NEW IRRIGATION SHALL BE ADDED AS NEEDED.
3. AUTOMATIC DRIP SYSTEM SHALL INCLUDE APPROPRIATE VALVES, EMITTERS, LINES, ETC. TO REACH ALL PLANTING AREAS. LOCATION OF CONTROL BOX SHALL BE COORDINATED WITH OWNER. IRRIGATION SYSTEM SHALL BE WARRANTED FOR (1) YEAR. CACTI SHALL BE ON THEIR OWN VALVE. TREES SHALL BE ON THEIR OWN VALVE. SHRUBS SHALL BE ON THEIR OWN VALVE. ACCENTS SHALL BE ON THEIR OWN VALVE.
4. IRRIGATION DESIGN SHALL COMPLY WITH CITY OF SCOTTSDALE REQUIREMENTS.

## **andscape/Hardscape Site Notes**

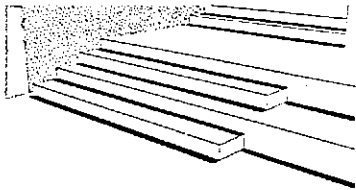
y of Scottsdale Development Review  
vised - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Sq

-1



Inground walkover linear marker lights with diffuse lens at stairs

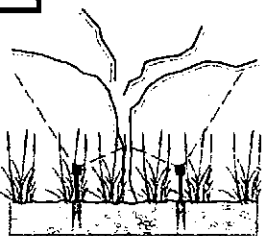


-2

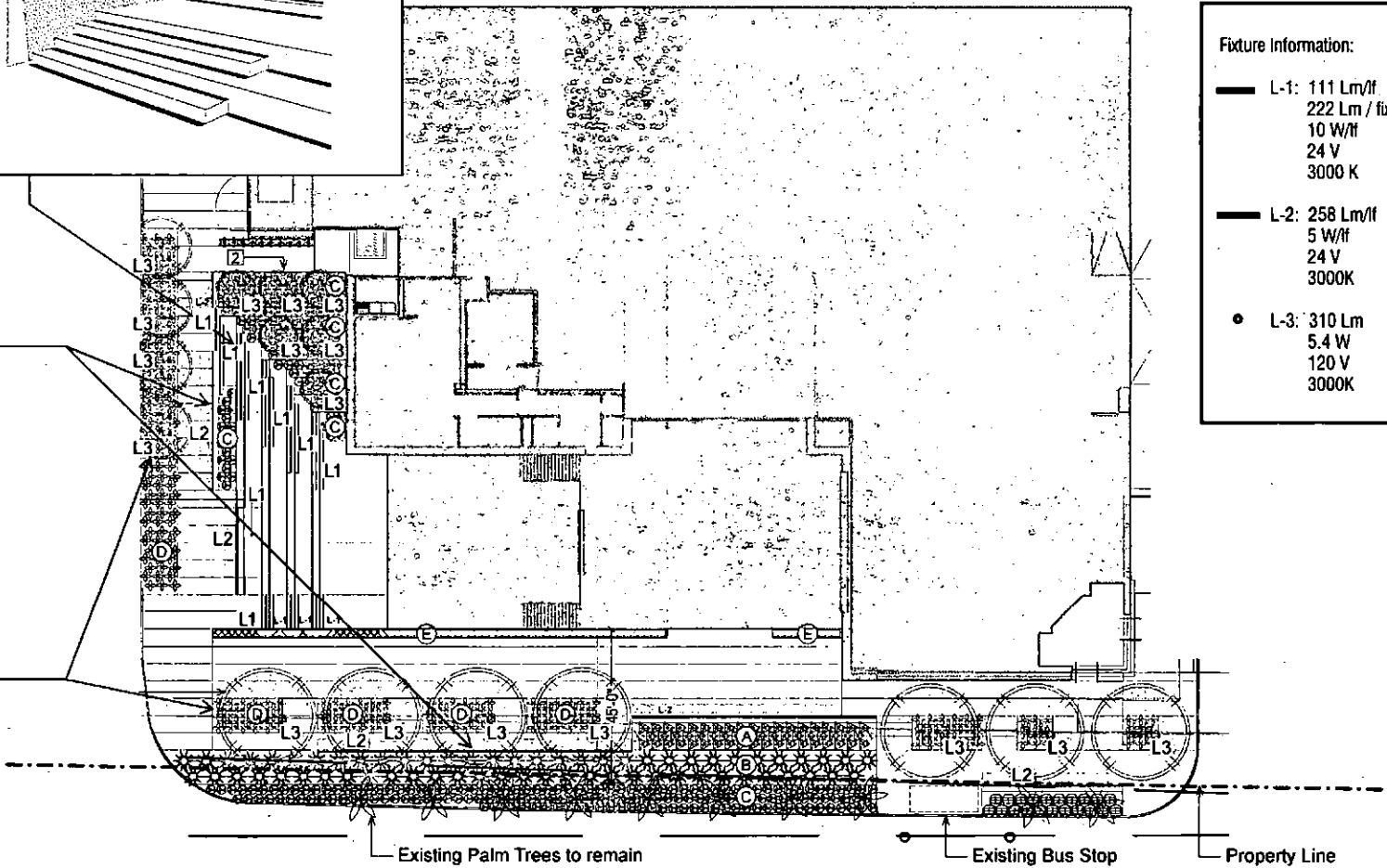


Concealed linear fixture with diffuse lens below bench

-3



Stake mounted adjustable uplights below trees at planting areas (typical)



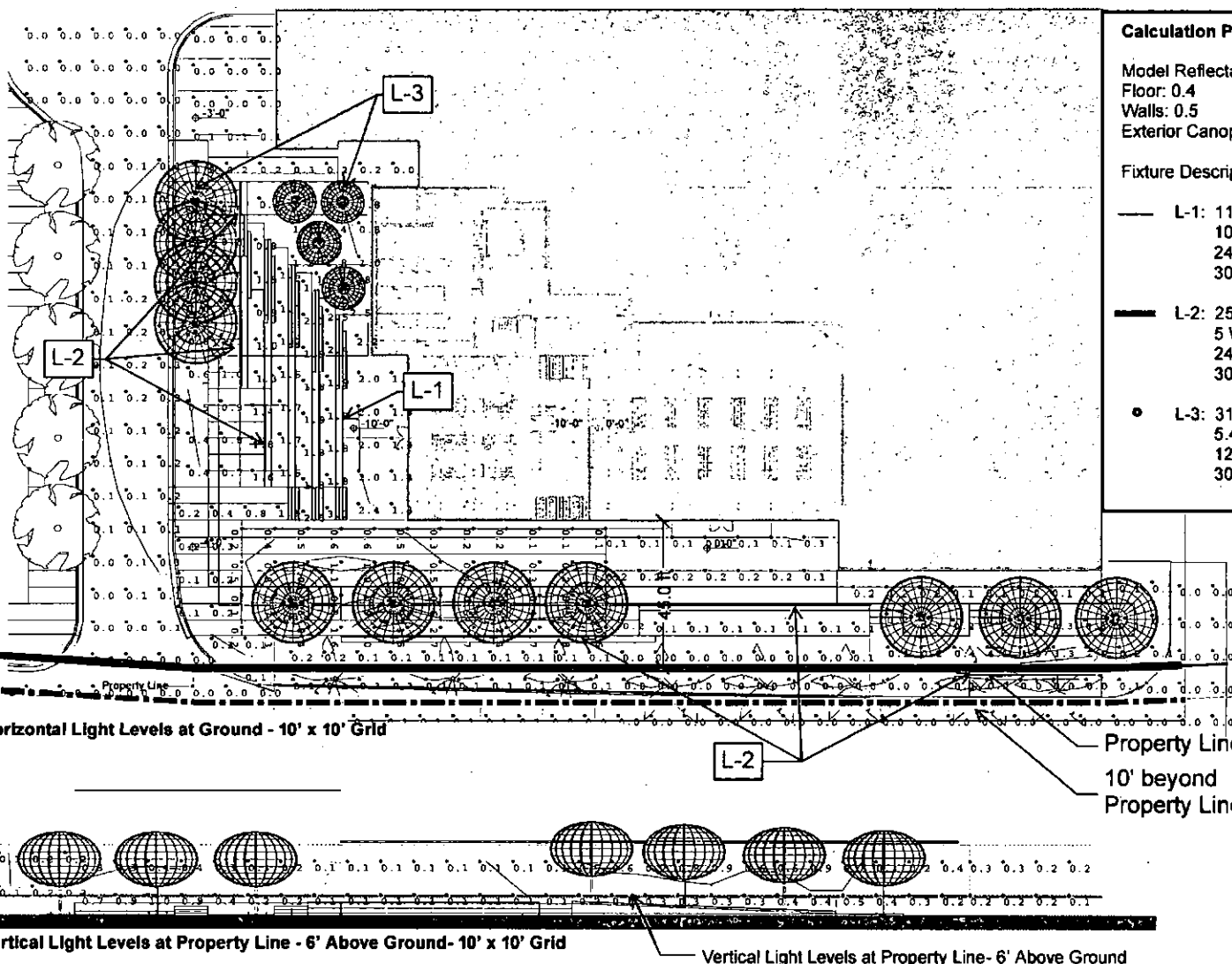
Fixture Information:

- L-1: 111 Lm/ft  
222 Lm / fixture  
10 W/ft  
24 V  
3000 K
- L-2: 258 Lm/ft  
5 W/ft  
24 V  
3000K
- L-3: 310 Lm  
5.4 W  
120 V  
3000K

Exterior Lighting Site Plan 1/32" = 1'-0"

City of Scottsdale Development Review  
Revised - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Sq



#### Calculation Parameters:

Model Reflectances:  
 Floor: 0.4  
 Walls: 0.5  
 Exterior Canopy: 0.5

#### Fixture Description:

- L-1: 111 Lm/lf  
 10 W/lf  
 24 V  
 3000 K
- L-2: 258 Lm/lf  
 5 W/lf  
 24 V  
 3000K
- L-3: 310 Lm  
 5.4 W  
 120 V  
 3000K

#### Horizontal Light Level Notes:

Calculation Grid: 10' x 10' at Floor  
 (Extends 10' beyond Property Line)

Light Loss Factor: 0.7

Light Levels: Illuminance (fc)

Average: 0.50 fc  
 Maximum: 4.1 fc  
 Minimum: 0.0 fc  
 Avg/Min Ratio: N.A.  
 Max/Min Ratio: N.A.

#### Vertical Light Level Notes:

Calculation Grid: 10' x 10' at  
 Property Line

Light Loss Factor: 1.0

Light Levels: Illuminance (fc)  
 (Measured at 6' above floor)  
 Average: 0.30 fc  
 Maximum: 1.0 fc  
 Minimum: 0.1 fc  
 Avg/Min Ratio: 3.00  
 Max/Min Ratio: 10.00

## Exterior Lighting Photometric Analysis

City of Scottsdale Development Review  
 Revised - June 22, 2017

Owner: Macerich  
 Design Professional: Ennead Architects  
 Project: Scottsdale Fashion Square

L-1

## In-ground Walkover LED Linear Fixture @ Stairs

**TARGETTI**TYPE  
PROJECTIn-ground walkover LED linear  
fixture at stairs**MERCURE MINI** RECESSED LED LUMINAIRET519 - Store - AZ 10/14/2016  
Renfro Design Group  
Architectural Lighting Design

Concept: In-ground linear fixture for recessed walkover LEDs.

Housing: Die-cast aluminum body.

Materials: Die-cast aluminum body, tempered glass.

Optic: White die-cast painted safety glass, white painted steel.

Lenses: Clear acrylic.

Mounting: Built-in bracket for wall or ceiling mount, with visible view.

Drivers: Standard 12V/24V/36V/48V/60V/72V/84V/96V/108V/120V/144V/168V/180V/200V/220V/240V/264V/288V/300V/324V/348V/360V/384V/400V/420V/444V/468V/480V/504V/528V/540V/564V/588V/600V/624V/648V/672V/696V/720V/744V/768V/792V/816V/840V/864V/888V/912V/936V/960V/984V/1008V/1032V/1056V/1080V/1104V/1128V/1152V/1176V/1200V/1224V/1248V/1272V/1296V/1320V/1344V/1368V/1392V/1416V/1440V/1464V/1488V/1512V/1536V/1560V/1584V/1608V/1632V/1656V/1680V/1704V/1728V/1752V/1776V/1800V/1824V/1848V/1872V/1896V/1920V/1944V/1968V/1992V/2016V/2040V/2064V/2088V/2112V/2136V/2160V/2184V/2208V/2232V/2256V/2280V/2304V/2328V/2352V/2376V/2400V/2424V/2448V/2472V/2496V/2520V/2544V/2568V/2592V/2616V/2640V/2664V/2688V/2712V/2736V/2760V/2784V/2808V/2832V/2856V/2880V/2904V/2928V/2952V/2976V/3000V/3024V/3048V/3072V/3096V/3120V/3144V/3168V/3192V/3216V/3240V/3264V/3288V/3312V/3336V/3360V/3384V/3408V/3432V/3456V/3480V/3504V/3528V/3552V/3576V/3600V/3624V/3648V/3672V/3696V/3720V/3744V/3768V/3792V/3816V/3840V/3864V/3888V/3912V/3936V/3960V/3984V/4008V/4032V/4056V/4080V/4104V/4128V/4152V/4176V/4200V/4224V/4248V/4272V/4296V/4320V/4344V/4368V/4392V/4416V/4440V/4464V/4488V/4512V/4536V/4560V/4584V/4608V/4632V/4656V/4680V/4704V/4728V/4752V/4776V/4800V/4824V/4848V/4872V/4896V/4920V/4944V/4968V/4992V/5016V/5040V/5064V/5088V/5112V/5136V/5160V/5184V/5208V/5232V/5256V/5280V/5304V/5328V/5352V/5376V/5400V/5424V/5448V/5472V/5496V/5520V/5544V/5568V/5592V/5616V/5640V/5664V/5688V/5712V/5736V/5760V/5784V/5808V/5832V/5856V/5880V/5904V/5928V/5952V/5976V/6000V/6024V/6048V/6072V/6096V/6120V/6144V/6168V/6192V/6216V/6240V/6264V/6288V/6312V/6336V/6360V/6384V/6408V/6432V/6456V/6480V/6504V/6528V/6552V/6576V/6600V/6624V/6648V/6672V/6696V/6720V/6744V/6768V/6792V/6816V/6840V/6864V/6888V/6912V/6936V/6960V/6984V/7008V/7032V/7056V/7080V/7104V/7128V/7152V/7176V/7200V/7224V/7248V/7272V/7296V/7320V/7344V/7368V/7392V/7416V/7440V/7464V/7488V/7512V/7536V/7560V/7584V/7608V/7632V/7656V/7680V/7704V/7728V/7752V/7776V/7800V/7824V/7848V/7872V/7896V/7920V/7944V/7968V/7992V/8016V/8040V/8064V/8088V/8112V/8136V/8160V/8184V/8208V/8232V/8256V/8280V/8304V/8328V/8352V/8376V/8400V/8424V/8448V/8472V/8496V/8520V/8544V/8568V/8592V/8616V/8640V/8664V/8688V/8712V/8736V/8760V/8784V/8808V/8832V/8856V/8880V/8904V/8928V/8952V/8976V/9000V/9024V/9048V/9072V/9096V/9120V/9144V/9168V/9192V/9216V/9240V/9264V/9288V/9312V/9336V/9360V/9384V/9408V/9432V/9456V/9480V/9504V/9528V/9552V/9576V/9600V/9624V/9648V/9672V/9696V/9720V/9744V/9768V/9792V/9816V/9840V/9864V/9888V/9912V/9936V/9960V/9984V/10000V/10024V/10048V/10072V/10096V/10120V/10144V/10168V/10192V/10216V/10240V/10264V/10288V/10312V/10336V/10360V/10384V/10408V/10432V/10456V/10480V/10504V/10528V/10552V/10576V/10600V/10624V/10648V/10672V/10696V/10720V/10744V/10768V/10792V/10816V/10840V/10864V/10888V/10912V/10936V/10960V/10984V/11000V/11024V/11048V/11072V/11096V/11120V/11144V/11168V/11192V/11216V/11240V/11264V/11288V/11312V/11336V/11360V/11384V/11408V/11432V/11456V/11480V/11504V/11528V/11552V/11576V/11600V/11624V/11648V/11672V/11696V/11720V/11744V/11768V/11792V/11816V/11840V/11864V/11888V/11912V/11936V/11960V/11984V/12000V/12024V/12048V/12072V/12096V/12120V/12144V/12168V/12192V/12216V/12240V/12264V/12288V/12312V/12336V/12360V/12384V/12408V/12432V/12456V/12480V/12504V/12528V/12552V/12576V/12600V/12624V/12648V/12672V/12696V/12720V/12744V/12768V/12792V/12816V/12840V/12864V/12888V/12912V/12936V/12960V/12984V/13000V/13024V/13048V/13072V/13096V/13120V/13144V/13168V/13192V/13216V/13240V/13264V/13288V/13312V/13336V/13360V/13384V/13408V/13432V/13456V/13480V/13504V/13528V/13552V/13576V/13600V/13624V/13648V/13672V/13696V/13720V/13744V/13768V/13792V/13816V/13840V/13864V/13888V/13912V/13936V/13960V/13984V/14000V/14024V/14048V/14072V/14096V/14120V/14144V/14168V/14192V/14216V/14240V/14264V/14288V/14312V/14336V/14360V/14384V/14408V/14432V/14456V/14480V/14504V/14528V/14552V/14576V/14600V/14624V/14648V/14672V/14696V/14720V/14744V/14768V/14792V/14816V/14840V/14864V/14888V/14912V/14936V/14960V/14984V/15000V/15024V/15048V/15072V/15096V/15120V/15144V/15168V/15192V/15216V/15240V/15264V/15288V/15312V/15336V/15360V/15384V/15408V/15432V/15456V/15480V/15504V/15528V/15552V/15576V/15600V/15624V/15648V/15672V/15696V/15720V/15744V/15768V/15792V/15816V/15840V/15864V/15888V/15912V/15936V/15960V/15984V/16000V/16024V/16048V/16072V/16096V/16120V/16144V/16168V/16192V/16216V/16240V/16264V/16288V/16312V/16336V/16360V/16384V/16408V/16432V/16456V/16480V/16504V/16528V/16552V/16576V/16600V/16624V/16648V/16672V/16696V/16720V/16744V/16768V/16792V/16816V/16840V/16864V/16888V/16912V/16936V/16960V/16984V/17000V/17024V/17048V/17072V/17096V/17120V/17144V/17168V/17192V/17216V/17240V/17264V/17288V/17312V/17336V/17360V/17384V/17408V/17432V/17456V/17480V/17504V/17528V/17552V/17576V/17600V/17624V/17648V/17672V/17696V/17720V/17744V/17768V/17792V/17816V/17840V/17864V/17888V/17912V/17936V/17960V/17984V/18000V/18024V/18048V/18072V/18096V/18120V/18144V/18168V/18192V/18216V/18240V/18264V/18288V/18312V/18336V/18360V/18384V/18408V/18432V/18456V/18480V/18504V/18528V/18552V/18576V/18600V/18624V/18648V/18672V/18696V/18720V/18744V/18768V/18792V/18816V/18840V/18864V/18888V/18912V/18936V/18960V/18984V/19000V/19024V/19048V/19072V/19096V/19120V/19144V/19168V/19192V/19216V/19240V/19264V/19288V/19312V/19336V/19360V/19384V/19408V/19432V/19456V/19480V/19504V/19528V/19552V/19576V/19600V/19624V/19648V/19672V/19696V/19720V/19744V/19768V/19792V/19816V/19840V/19864V/19888V/19912V/19936V/19960V/19984V/20000V/20024V/20048V/20072V/20096V/20120V/20144V/20168V/20192V/20216V/20240V/20264V/20288V/20312V/20336V/20360V/20384V/20408V/20432V/20456V/20480V/20504V/20528V/20552V/20576V/20600V/20624V/20648V/20672V/20696V/20720V/20744V/20768V/20792V/20816V/20840V/20864V/20888V/20912V/20936V/20960V/20984V/21000V/21024V/21048V/21072V/21096V/21120V/21144V/21168V/21192V/21216V/21240V/21264V/21288V/21312V/21336V/21360V/21384V/21408V/21432V/21456V/21480V/21504V/21528V/21552V/21576V/21600V/21624V/21648V/21672V/21696V/21720V/21744V/21768V/21792V/21816V/21840V/21864V/21888V/21912V/21936V/21960V/21984V/22000V/22024V/22048V/22072V/22096V/22120V/22144V/22168V/22192V/22216V/22240V/22264V/22288V/22312V/22336V/22360V/22384V/22408V/22432V/22456V/22480V/22504V/22528V/22552V/22576V/22600V/22624V/22648V/22672V/22696V/22720V/22744V/22768V/22792V/22816V/22840V/22864V/22888V/22912V/22936V/22960V/22984V/23000V/23024V/23048V/23072V/23096V/23120V/23144V/23168V/23192V/23216V/23240V/23264V/23288V/23312V/23336V/23360V/23384V/23408V/23432V/23456V/23480V/23504V/23528V/23552V/23576V/23600V/23624V/23648V/23672V/23696V/23720V/23744V/23768V/23792V/23816V/23840V/23864V/23888V/23912V/23936V/23960V/23984V/24000V/24024V/24048V/24072V/24096V/24120V/24144V/24168V/24192V/24216V/24240V/24264V/24288V/24312V/24336V/24360V/24384V/24408V/24432V/24456V/24480V/24504V/24528V/24552V/24576V/24600V/24624V/24648V/24672V/24696V/24720V/24744V/24768V/24792V/24816V/24840V/24864V/24888V/24912V/24936V/24960V/24984V/25000V/25024V/25048V/25072V/25096V/25120V/25144V/25168V/25192V/25216V/25240V/25264V/25288V/25312V/25336V/25360V/25384V/25408V/25432V/25456V/25480V/25504V/25528V/25552V/25576V/25600V/25624V/25648V/25672V/25696V/25720V/25744V/25768V/25792V/25816V/25840V/25864V/25888V/25912V/25936V/25960V/25984V/26000V/26024V/26048V/26072V/26096V/26120V/26144V/26168V/26192V/26216V/26240V/26264V/26288V/26312V/26336V/26360V/26384V/26408V/26432V/26456V/26480V/26504V/26528V/26552V/26576V/26600V/26624V/26648V/26672V/26696V/26720V/26744V/26768V/26792V/26816V/26840V/26864V/26888V/26912V/26936V/26960V/26984V/27000V/27024V/27048V/27072V/27096V/27120V/27144V/27168V/27192V/27216V/27240V/27264V/27288V/27312V/27336V/27360V/27384V/27408V/27432V/27456V/27480V/27504V/27528V/27552V/27576V/27600V/27624V/27648V/27672V/27696V/27720V/27744V/27768V/27792V/27816V/27840V/27864V/27888V/27912V/27936V/27960V/27984V/28000V/28024V/28048V/28072V/28096V/28120V/28144V/28168V/28192V/28216V/28240V/28264V/28288V/28312V/28336V/28360V/28384V/28408V/28432V/28456V/28480V/28504V/28528V/28552V/28576V/28600V/28624V/28648V/28672V/28696V/28720V/28744V/28768V/28792V/28816V/28840V/28864V/28888V/28912V/28936V/28960V/28984V/29000V/29024V/29048V/29072V/29096V/29120V/29144V/29168V/29192V/29216V/29240V/29264V/29288V/29312V/29336V/29360V/29384V/29408V/29432V/29456V/29480V/29504V/29528V/29552V/29576V/29600V/29624V/29648V/29672V/29696V/29720V/29744V/29768V/29792V/29816V/29840V/29864V/29888V/29912V/29936V/29960V/29984V/30000V/30024V/30048V/30072V/30096V/30120V/30144V/30168V/30192V/30216V/30240V/30264V/30288V/30312V/30336V/30360V/30384V/30408V/30432V/30456V/30480V/30504V/30528V/30552V/30576V/30600V/30624V/30648V/30672V/30696V/30720V/30744V/30768V/30792V/30816V/30840V/30864V/30888V/30912V/30936V/30960V/30984V/31000V/31024V/31048V/31072V/31096V/31120V/31144V/31168V/31192V/31216V/31240V/31264V/31288V/31312V/31336V/31360V/31384V/31408V/31432V/31456V/31480V/31504V/31528V/31552V/31576V/31600V/31624V/31648V/31672V/31696V/31720V/31744V/31768V/31792V/31816V/31840V/31864V/31888V/31912V/31936V/31960V/31984V/32000V/32024V/32048V/32072V/32096V/32120V/32144V/32168V/32192V/32216V/32240V/32264V/32288V/32312V/32336V/32360V/32384V/32408V/32432V/32456V/32480V/32504V/32528V/32552V/32576V/32600V/32624V/32648V/32672V/32696V/32720V/32744V/32768V/32792V/32816V/32840V/32864V/32888V/32912V/32936V/32960V/32984V/33000V/33024V/33048V/33072V/33096V/33120V/33144V/33168V/33192V/33216V/33240V/33264V/33288V/33312V/33336V/33360V/33384V/33408V/33432V/33456V/33480V/33504V/33528V/33552V/33576V/33600V/33624V/33648V/33672V/33696V/33720V/33744V/33768V/33792V/33816V/33840V/33864V/33888V/33912V/33936V/33960V/33984V/34000V/34024V/34048V/34072V/34096V/34120V/34144V/34168V/34192V/34216V/34240V/34264V/34288V/34312V/34336V/34360V/34384V/34408V/34432V/34456V/34480V/34504V/34528V/34552V/34576V/34600V/34624V/34648V/34672V/34696V/34720V/34744V/34768V/34792V/34816V/34840V/34864V/34888V/34912V/34936V/34960V/34984V/35000V/35024V/35048V/35072V/35096V/35120V/35144V/35168V/35192V/35216V/35240V/35264V/35288V/35312V/35336V/35360V/35384V/35408V/35432V/35456V/35480V/35504V/35528V/35552V/35576V/35600V/35624V/35648V/35672V/35696V/35720V/35744V/35768V/35792V/35816V/35840V/35864V/35888V/35912V/35936V/35960V/35984V/36000V/36024V/36048V/36072V/36096V/36120V/36144V/36168V/36192V/36216V/36240V/36264V/36288V/36312V/36336V/36360V/36384V/36408V/36432V/36456V/36480V/36504V/36528V/36552V/36576V/36600V/36624V/36648V/36672V/36696V/36720V/36744V/36768V/36792V/36816V/36840V/36864V/36888V/36912V/36936V/36960V/36984V/37000V/37024V/37048V/37072V/37096V/37120V/37144V/37168V/37192V/37216V/37240V/37264V/37288V/37312V/37336V/37360V/37384V/37408V/37432V/37456V/37480V/37504V/37528V/37552V/37576V/37600V/37624V/37648V/37672V/37696V/37720V/37744V/37768V/37792V/37816V/37840V/37864V/37888V/37912V/37936V/37960V/37984V/38000V/38024V/38048V/38072V/38096V/38120V/38144V/38168V/38192V/38216V/38240V/38264V/38288V/38312V/38336V/38360V/38384V/38408V/38432V/38456V/38480V/38504V/38528V/38552V/38576V/38600V/38624V/38648V/38672V/38696V/38720V/38744V/38768V/38792V/38816V/38840V/38864V/38888V/38912V/38936V/38960V/38984V/39000V/39024V/39048V/39072V/39096V/39120V/39144V/39168V/39192V/39216V/39240V/39264V/39288V/39312V/39336V/39360V/39384V/39408V/39432V/39456V/39480V/39504V/39528V/39552V/39576V/39600V/39624V/39648V/39672V/39696V/39720V/39744V/39768V/39792V/39816V/39840V/39864V/39888V/39912V/39936V/39960V/39984V/40000V/40024V/40048V/40072V/40096V/40120V/40144V/40168V/40192V/40216V/40240V/40264V/40288V/40312V/40336V/40360V/40384V/40408V/40432V/40456V/40480V/40504V/40528V/40552V/40576V/40600V/40624V/40648V/40672V/40696V/40720V/40744V/40768V/40792V/40816V/40840V/40864V/40888V/40912V/40936V/40960V/40984V/41000V/41024V/41048V/41072V/41096V/41120V/41144V/41168V/41192V/41216V/41240V/41264V/41288V/41312V/41336V/41360V/41384V/41408V/41432V/41456V/41480V/41504V/41528V/41552V/41576V/41600V/41624V/41648V/41672V/41696V/41720V/41

# L-1 In-ground Walkover LED Linear Fixture @ Stairs

**TARGETTI**

TYPE  
PROJECT

MERCURE MINI

## Power Supplies

Product Code	Type	Wattage	Voltage	Dimmability	Listing	Dimensions
DEL-X-120-1-4-24	Electronic Power Supply in NEMA3R Enclosure	96W / 1X4A"	90-305V AC / 24V DC	Non-Dimmable	cULus	12"W X 12"L 4"D
DEL-X-240-2-4-24		192W / 2X4A"				12"W X 12"L 4"D
DEL-X-320-3-4-24		288W / 3x4A"				12"W X 12"L 4"D
DEL-120-1-4-24	Electronic Stand Alone	96W / 1X4A"			ULCE	2.67"W X 9.66"L 1.53"D
DEL-X-120-1-4-24-D	Electronic Power Supply in NEMA3R Enclosure	96W / 1X4A"		Integral 0-10V Dimming Interface	cULus	12"W X 12"L 4"D
DEL-X-240-2-4-24-D		192W / 2X4A"				12"W X 12"L 4"D
DEL-X-320-3-4-24-D		288W / 3x4A"				12"W X 12"L 4"D
DMG-40-1-16-24-D	Magnetic Dimmable in NEMA3R Enclosure	40W / 1X16A"	120V AC / 24V DC	Tridac or MLV	cETLus	2.00"W X 5.06"L 2.14"D
DMG-60-1-2-4-24-D		60W / 1X2 1A"				2.25"W X 5.55"L 2.55"D
DMG-120-1-4-24-D		96W / 1X4A"				3.00"W X 9.80"L 3.00"D
DMG-192-2-4-24-D		192W / 2X4A"				3.00"W X 9.80"L 3.00"D

Dimensions include enclosure and mounting flanges.  
 \*A - actual mounting provision for user's controls, a full 1/2" clearance on the sides, 2 1/2" clearance on the bottom, and 1 1/2" clearance on the top.

**Electronic Drivers**  
 For use with 0-10V interface (DLD-110) for secondary side dimming control. Generally used for programmable dimming levels for changing scenarios.  
**Magnetic Transformers**  
 For use with primary side dimming with an MLV forward phase dimming system (supplied by others). Generally used for a pre-set dimming level.



Electronic Driver



Electronic Driver Enclosure



Magnetic Transformer

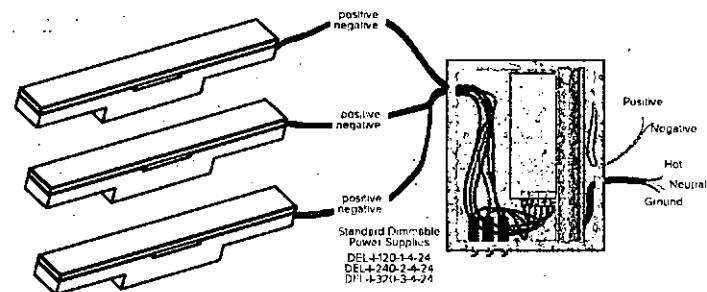
T519 - Store - AZ - 10/14/2016  
 Renfro Design Group  
 Architectural Lighting Design

**TARGETTI**

TYPE  
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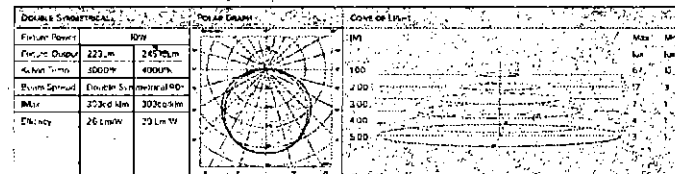
MERCURE MINI

## System Layout Example Diagram



Integral Dimming (0-10V) Power Supplies  
 DEL-120-1-4-24-D  
 DEL-240-2-4-24-D  
 DPL-1-3-4-24

## Photometrics



T519 - Store - AZ - 10/14/2016  
 Renfro Design Group  
 Architectural Lighting Design

## Lighting Manufacturer Cut Sheets

City of Scottsdale Development Review  
 Revised - June 22, 2017

Owner: Macerich  
 Design Professional: Ennead Architects  
 Project: Scottsdale Fashion Square



L-1 Fixture Summary:

Lumen Output per fixture: 222 lumens per 2' fixture (111 lumens / foot)

Zoning Ordinance Section 7.200 - Outdoor Lighting Requirements:

Table 7.602.A.1

Standard	Other outdoor lighting	Additional Regulations	Application of Standards
Height	DRB Review	None Applicable	Subject to DRB Approval - NOTE: Fixture is mounted flush to grade
Lens	Required	None	Lens integral to fixture
Shield	See Table 7.602.A.2	None Applicable	Not required per 7.602.A.2
Direct Light Source Down	See Table 7.602.A.2	None Applicable	Not required per 7.602.A.2
Full Cutoff	See Table 7.602.A.2	None Applicable	Not required per 7.602.A.2
Light Trespass	Note 4b, 4c	None	Subject to DRB Approval
Hours of Operation	DRB Review, Note 6	None Applicable	Subject to DRB Approval

4b. Maximum light trespass: Single-family residential use adjacent to or abutting single-family residential use, maximum: 0.1 foot candles: **NOT APPLICABLE**  
4c. Maximum light trespass: Non-residential use adjacent to or abutting single-family residential use, maximum: **subject to DRB approval**  
6. Single-family residential use adjacent to or abutting single-family residential use: any fixture with output equal to or greater than 2,600 initial lumens shall not be operated between 11:00pm and 6:00am, except security lighting may be operated for a period of not more than 15 minutes: **NOT APPLICABLE**

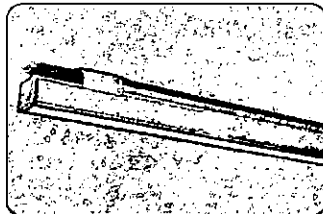
Table 7.602.A.2

Total Initial Lumens of All Light Sources Within a Luminaire	Lighting Shield	Direct Downward	Full Cutoff
1600 or less	No	No <sup>2</sup>	No
Over 1600 to 3050	Yes	No <sup>2,3</sup>	No
Over 3050	Yes	Yes	Yes

2. All lighting mounted eight (8) feet or higher shall be directed downward:  
**NOT APPLICABLE- Fixture mounted flush to grade**  
3. Wherever practicable, lighting which is directed upward should be located on west or east sides of object being lit.  
**NOT PRACTICABLE - Fixtures oriented with architectural features.**

Lighting Manufacturer Cut Sheets

## L-2 Linear LED Light Fixture @ Benches



**electrix**  
ILLUMINATION

PROJECT NAME:  
LUMINAIRE TYPE:

### L140W LumiLine | Wet

#### Construction:

- Extruded aluminum housing with satin anodized finish
- Low profile design with lengths ranging from 20" to 50"
- Proprietary optics are UV stable and optimized for transmission
- Numerous stainless steel and aluminum mounting solutions

#### Electrical:

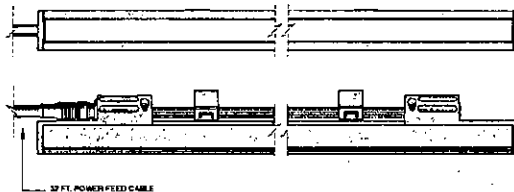
- Dimmable, high flux LEDs available in either 3000K or 4000K
- Solid state low voltage luminaires powered with 24V DC
- Electronic power supplies can be remotely mounted up to 32' \*\*
- UL listed for wet locations. IP65 rating

#### Performance:

- Average rated LED life of 50,000 hours @ 70% lumen output\*
- IES files can be downloaded at [www.electrix.com](http://www.electrix.com)

\*All values below are based on initial lumens per foot

Output	Watts/ft	3000K white	4000K white
Standard	5 watts/ft	250 lumens/ft	308 lumens/ft
High	10 watts/ft	516 lumens/ft	617 lumens/ft



\* To ensure proper performance, ambient temperature around luminaire should not exceed 140°F. Architectural details should include ventilation to avoid fixture.  
\*\* (ICM) is a consideration, recommended remote driver distance is 15'



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### Linear LED Light Fixture at benches

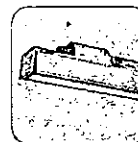
T519 - Store - AZ 10/14/2016  
Renfro Design Group

Architectural Lighting Design

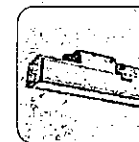
**electrix**  
ILLUMINATION

#### MOUNTING OPTIONS:

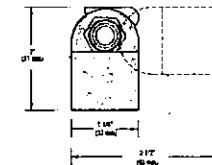
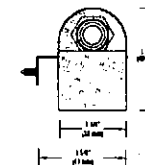
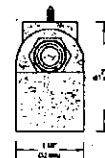
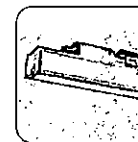
Horizontal Mount



Vertical Mount



Swivel Mount



T519 - Store - AZ 10/14/2016  
Renfro Design Group

Architectural Lighting Design



The L140W series is UL listed for wet locations. The fixture was designed for exterior down light applications with minimal space limits. The L140W is not submersible and should not be mounted in conditions where standing water will collect on the lens.



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## Lighting Manufacturer Cut Sheets

City of Scottsdale Development Review  
Reviewed - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Sq

## L-2 Linear LED Light Fixture @ Benches

**electrix**  
ILLUMINATION

### PRODUCT INFORMATION:

#### L140W PRODUCT

**POWER**  
DS - 5 watts  
per linear ft.  
10 - 10 watts  
per linear ft.

**LENGTH**  
20 - 20 3/4" actual  
30 - 30 3/4" actual  
40 - 40 3/4" actual  
50 - 50 3/4" actual

**LED COLOR**  
W3 - 3000K White  
W4 - 4000K White

**OPTIC**  
DS - 5 degree  
60M - 60 degree lens  
with micro glass  
control layer  
60C - 60 degree  
Clear Lens  
90F - 90 degree lens  
with satine diffuser  
(92% Transm.)

**MOUNT**  
HW - Horizontal Mount (Wet)  
V - Vertical Mount  
S - Swivel

### POWER CABLE ACCESSORIES:

#### LEADER FEED CABLE:



LFC-832: 32 ft. primary feed cable  
with straight connector.  
One required per LED feed

#### LEADER FEED CABLE:



LFC-A32: 32 ft. primary feed cable  
with right angle connector.

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**Renfro Design Group**  
Architectural Lighting Design



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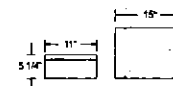
**electrix**  
ILLUMINATION

### LED POWER SUPPLIES - WET LOCATION

#### 98W MAX POWER SUPPLY

- wattage output: 1W (max) to 95W (min)
- input voltage: 120V-277V AC output voltage: 24V DC
- maximum remote driver distance is 32' \*\*
- dimming driver requires a 0-10V control interface  
(by others)<sup>†</sup>
- IP65 rating

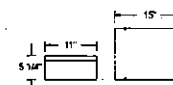
#### MODEL: PS98 / PS98D-W



#### 288W MAX POWER SUPPLY

- wattage output: 3W (max) to 95W (min)
- input voltage: 120V-277V AC output voltage: 24V DC
- maximum remote driver distance is 32' \*\*
- dimming driver requires a 0-10V control interface  
(by others)<sup>†</sup>
- IP65 rating

#### MODEL: PS288 / PS288-W



\*\* The remote mounting distance may be extended. However, provision for the reduction of electromagnetic interference (EMI) and voltage drop must be considered.  
<sup>†</sup> Consult the factory for wiring and design.

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**Renfro Design Group**  
Architectural Lighting Design



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## Lighting Manufacturer Cut Sheets

City of Scottsdale Development Review  
Revised - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Square

## L-2 Fixture Summary:

Lumen Output per fixture: **258 lumens / fixture**

## Zoning Ordinance Section 7.200 - Outdoor Lighting Requirements:

Table 7.602.A.1

Standard	Other outdoor lighting	Additional Regulations	Application of Standards
Height	<b>DRB Review</b>	None Applicable	<b>Subject to DRB Approval - NOTE: Fixture is cove mounted to underside of bench</b>
Lens	<b>Required</b>	None	<b>Lens included - 90 deg. lens w/ satined diffuser</b>
Shield	<b>See Table 7.602.A.2</b>	None Applicable	<b>Not required per 7.602.A.2</b>
Direct Light Source Down	<b>See Table 7.602.A.2</b>	None Applicable	<b>Not required per 7.602.A.2</b>
Full Cutoff	<b>See Table 7.602.A.2</b>	None Applicable	<b>Not required per 7.602.A.2</b>
Light Trespass	<b>Note 4b, 4c</b>	None	<b>Subject to DRB Approval</b>
Hours of Operation	<b>DRB Review, Note 6</b>	None Applicable	<b>Subject to DRB Approval</b>

4b. Maximum light trespass: Single-family residential use adjacent to or abutting single-family residential use, maximum: 0.1 foot candles: **NOT APPLICABLE**

4c. Maximum light trespass: Non-residential use adjacent to or abutting single-family residential use, maximum: **subject to DRB approval**

6. Single-family residential use adjacent to or abutting single-family residential use: any fixture with output equal to or greater than 2,600 initial lumens shall not be operated between 11:00pm and 6:00am, except security lighting may be operated for a period of not more than 15 minutes: **NOT APPLICABLE**

Table 7.602.A.2

Total Initial Lumens of All Light Sources Within a Luminaire	Lighting Shield	Direct Downward	Full Cutoff
<b>1600 or less</b>	<b>No</b>	<b>No<sup>2</sup></b>	<b>No</b>
Over 1600 to 3050	Yes	No <sup>2,3</sup>	No
Over 3050	Yes	Yes	Yes

2. All lighting mounted eight (8) feet or higher shall be directed downward:

**NOT APPLICABLE- Fixture mounted flush to grade**

3. Wherever practicable, lighting which is directed upward should be located on west or east sides of object being lit.

**NOT PRACTICABLE - Fixtures oriented with architectural features.**

## Lighting Manufacturer Cut Sheets

## L-3 Adjustable Floods Below Trees @ Planting

### SPECIFICATIONS

**DESCRIPTION:**  
Compact line voltage MR16 adjustable accent fixture. Suitable for wet/damp/dry location installations.

**MATERIAL:**  
Standard overall material is 6061 aluminum.

**FINISH:**  
AA - Anodized Satin Aluminum  
AP - Powder Coat Aluminum  
BK - Powder Coat Black  
BZ - Powder Coat Bronze  
WT - Powder Coat White

**LAMPING:**  
Lamp Type: 120-277V halogen/LED MR16 lamp, GU10 base, 50W max, not included

**VOLTAGE:**  
Line voltage fixture, 120-277V.

**MOUNTING:**  
Fixture is designed with a 1/2-NPS adjustable mounting stem.

**OPTIONS:**  
Glare shields:  
GL-10 - Short Angled aluminum  
GL-11 - Angled aluminum  
GL-12 - Straight aluminum  
Lenses/Louvers/Color Filters:  
LA-1 - Haze/Cell Louver (Black)  
LA-2 - Prismatic lens  
LA-3 - Linear spread lens  
LA-4 - Soft focus lens (diffused)  
LA-5 - Moonlight lens  
LA-6 - Blue lens

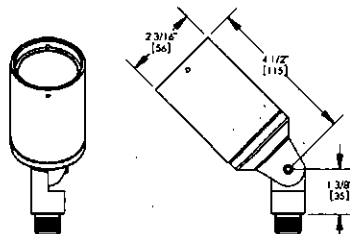
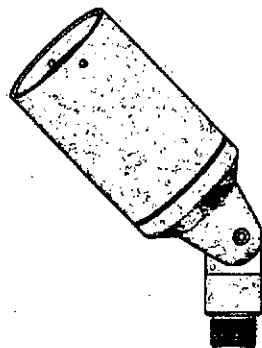
See fixture accessories for more information

**SAMPLE ORDER SPECIFICATION:**  
HL-386-AA-GL-11-LA-6

**RATING:**  
Wet/damp/dry location.



MADE IN THE USA



Adjustable floods below  
trees at planting

TS19 - Store - AZ 10/14/2016  
Renfro Design Group  
Architectural Lighting Design

### ORDER SPECIFICATION:

PROJECT:

APPROVED:

NOTE:

TYPE:

**HEVI LITE, INC.**

9714 Varied Ave, Chatsworth, CA 91311  
Tel. (818) 341-8091 - Fax (818) 998-1986  
Web Site <http://www.hevilitelighting.com>

CATALOG NUMBER:

**HL-386**

### SPECIFICATIONS

**DESCRIPTION:**  
Landscape post for ground mounting applications. Suitable for wet/damp/dry location installations.

**MATERIAL:**  
Standard overall material is PVC plastic.  
GM-6 - PVC plastic

**FINISH:**  
N - Natural, Black PVC

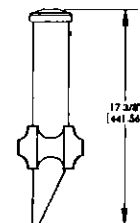
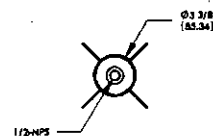
**ELECTRICAL:**  
Wiring compartment suitable for low voltage or line voltage fixtures.

**MOUNTING:**  
Post has (1) 1/2-NPS mount.

**SAMPLE ORDER SPECIFICATION:**  
GM-6-N

**RATING:**  
Wet/damp/dry location.

MADE IN THE USA



TS19 - Store - AZ 10/14/2016  
Renfro Design Group  
Architectural Lighting Design

### ORDER SPECIFICATION:

PROJECT:

APPROVED:

NOTE:

TYPE:

**HEVI LITE, INC.**

8714 Varied Ave, Chatsworth, CA 91311  
Tel. (818) 341-8091 - Fax (818) 998-1986  
Web Site <http://www.hevilitelighting.com>

CATALOG NUMBER:

**GM-9**

## Lighting Manufacturer Cut Sheets

City of Scottsdale Development Review  
Reviewed - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion Square

# L-3 Adjustable Floods Below Trees @ Planting

## SPECIFICATIONS

**DESCRIPTION:**  
MR16 angled glare shield. Suitable for wet/damp/dry location installations.

**MATERIAL:**  
Standard overall material is 6061 aluminum.  
GL-11 - Machined Aluminum  
GL-12 - Machined Brass

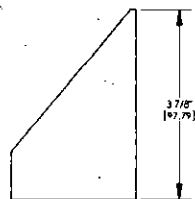
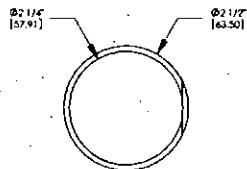
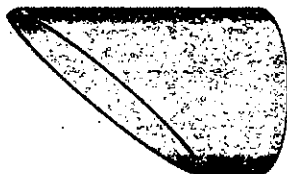
**FINISH:**  
AA - Anodized Satin Aluminum  
AP - Powder Coat Aluminum  
BK - Powder Coat Black  
BZ - Powder Coat Bronze  
WT - Powder Coat White  
N - Natural, for Stainless Steel and Brass

**MOUNTING:**  
Glare shield fits all MR16 fixtures with 2 25° bezels.

**SAMPLE ORDER SPECIFICATION:**  
GL-11-AA

**RATING:**  
Wet/damp/dry location.

**MADE IN THE USA**



ORDER SPECIFICATION:

PROJECT:

APPROVED:

NOTE:

TYPE:

**HEVI LITE, INC.**

9714 Vanel Ave, Chappworth, CA 91311  
Tel. (818) 341-6091 - Fax (818) 998-1986  
Web Site <http://www.hevilight.com>

CATALOG NUMBER:

**GL-11/GL-12**

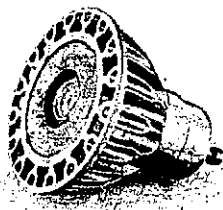
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ighting Manufacturer Cut Sheets

ity of Scottsdale Development Review  
vised - June 22, 2017

Owner: Macerich  
Design Professional: Ennead Architects  
Project: Scottsdale Fashion S

**SORAA**  
SIMPLY PERFECT LIGHT



## MR16-GU10 5.4W

OUTPUT RANGE: VIVID SERIES 245 - 260 lumen

OUTPUT RANGE: BRILLIANT SERIES 295 - 310 lumen

BEAM ANGLE RANGE 25° 36° 50°

COLOR TEMPERATURE RANGE 2700K 3000K

APPLICATION Halogen replacement for indoor & outdoor applications



### POINT SOURCE OPTICS

Exceptional beam control with smooth uniform beams.  
Single light source, single crisp shadow.

### VP, VIVID COLOR & VP, NATURAL WHITE

VIVID series provides accurate color rendering across the visible spectrum from 400nm to 700nm, with CRI/95, R9/95, R1/90, Rg/100.

Whiteness rendering matches or exceeds that of halogen and incandescent sources at 2700K and 3000K.

### ENERGY EFFICIENCY & LONG LIFE

85% more energy efficient than standard halogen lamps.  
Typical payback of one year or less.

Rated lifetime of 35,000 hours. 3 year warranty.

### CERTIFICATIONS

UL Class 2 and non-class 2, cULus, FCC 47 CFR Part 15B (EMI), RoHS



### GENERAL SPECIFICATIONS

Form Factor	Operating Temperature	Electrical	Dimming and Flicker
Width: 49.9mm (1.96")	Minimum: -40°C (ambient)	Wattage: 5.4W	Dimmable to <20%
Height: 53.5mm (2.10")	Typical: 60°C - 70°C (base)	Power factor: 0.93	Flicker Index: <0.06
Weight: 61g	Maximum: 80°C (base)	Voltage: 120V +/- 12V	Percent Flicker: 40%
		Frequency: 50/60Hz	

### HIGHLY COMPATIBLE

Geometrically compatible with standard fixtures and suitable for damp locations.

This lamp is suitable for use in fully enclosed fixtures, subject to the maximum heatsink temperature limits stated in this data sheet.

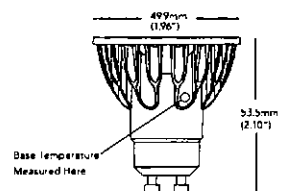
Works with trailing edge and leading edge phase cut dimmers (see [www.soraa.com/resources](http://www.soraa.com/resources)).

### INTENDED USE AND APPLICATIONS

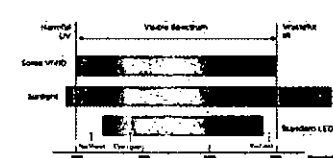
Intended for use in GU10 compatible recessed downlights, track lighting and other indoor and outdoor applications.

Soraa lamps are designed to safely turn down in any thermal environment not conducive to minimum airflow or proper ventilation.

### DIMENSIONS



### COLOR RENDERING



### 25 DEGREE BEAM

Beam Dia at 50% CBCEP (ft)	Field Dia at 10% CBCEP (ft)	Foot-candles (% of CBCEP)
1.3	2.1	11.1%
2.7	4.1	2.8%
4.0	6.2	1.2%
5.3	8.3	0.7%
6.7	10.3	0.4%



### 36 DEGREE BEAM

Beam Dia at 50% CBCEP (ft)	Field Dia at 10% CBCEP (ft)	Foot-candles (% of CBCEP)
1.9	3.1	11.1%
3.9	6.1	2.8%
5.8	9.2	1.2%
7.8	12.2	0.7%
9.7	15.3	0.4%

### 50 DEGREE BEAM

Beam Dia at 50% CBCEP (ft)	Field Dia at 10% CBCEP (ft)	Foot-candles (% of CBCEP)
2.8	5.0	11.1%
5.6	10.1	2.8%
8.4	15.1	1.2%
11.2	20.1	0.7%
14.0	25.2	0.4%



Note: Footcandles may be calculated by multiplying the CBCEP of the desired model number by the percentage in the tables above.

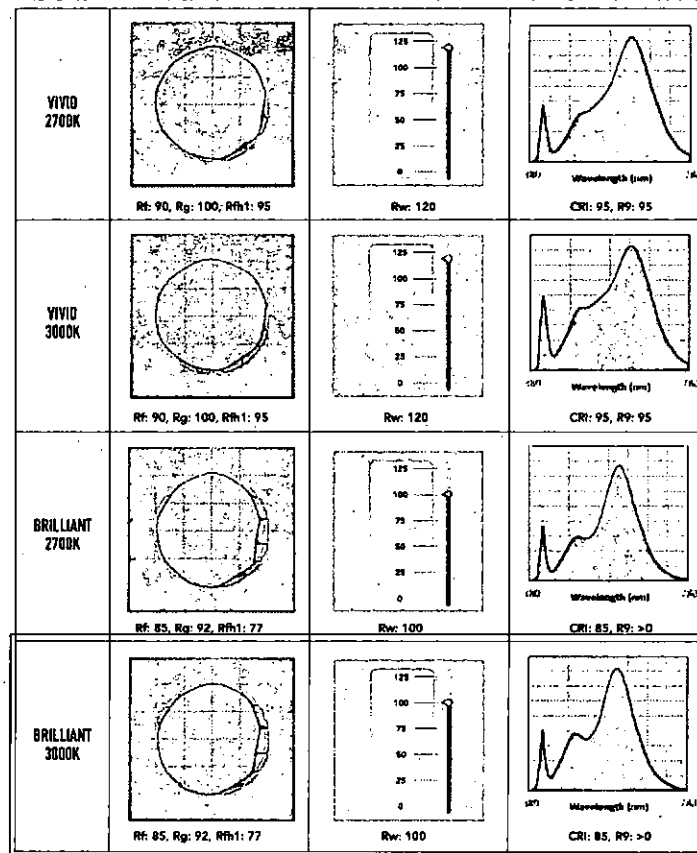
# L-3 Adjustable Floods Below Trees @ Planting

## SPECIFICATIONS BY MODEL NUMBER\* SORAA LED MR16-GU10 5.4W

Model #	Product Code	CCT (K)	Beam Angle	Field Angle	CBCP (Cd)	Halogen Equivalent	Total Flux (lm)	Efficacy (lm/W)	McA Energy Star	SNAP
<b>VIVID SERIES</b>										
SM16GA-03-250-427-03	01261	2700	25	38	1350	35	245	45	3	
SM16GA-03-300-927-03	01273	2700	36	54	640	35	245	45	3	
SM16GA-03-300-927-03	01285	2700	30	60	300	35	245	45	3	
SM16GA-03-210-930-03	01285	3000	25	38	1430	35	260	48	3	
SM16GA-03-300-930-03	01277	3000	36	54	680	35	260	48	3	
SM16GA-03-300-930-03	01289	3000	30	60	370	35	260	48	3	
<b>BRILLIANT SERIES</b>										
SM16GA-03-250-827-03	01259	2700	25	38	1630	35	295	55	3	
SM16GA-03-300-827-03	01271	2700	36	54	720	35	295	55	3	
SM16GA-03-300-827-03	01283	2700	30	60	360	35	295	55	3	
SM16GA-03-250-830-03	01263	3000	25	38	1710	35	310	57	3	
SM16GA-03-300-830-03	01275	3000	36	54	810	35	310	57	3	
SM16GA-03-300-830-03	01287	3000	30	60	380	35	310	57	3	

CCT: Correlated Color Temperature. McA: White Point Accuracy in Maca. SNAP: SORAA SNAP System Compliance.  
 \*Specifications are in single warm-white conditions (PVC ambient)

## SERIES/CCT COLOR ACCURACY WHITENESS INDEX SPECTRAL POWER DISTRIBUTION



Rf: TM-30 metric measuring color fidelity (whether colors are similar to those under natural light). Rf is a more accurate version of the CRI Ra. Rf is 100 for natural light.  
 Rg: TM-30 metric measuring color gamut (whether colors are more saturated than under natural light). Rg is 100 for natural light.  
 Rfh1: TM-30 metric measuring color fidelity (for reds and oranges). Rfh1 is a more accurate version of the CRI R9. Rfh1 is 100 for natural light.  
 Rw: SORAA-developed metric to measure white fidelity. Rw measures the magnitude of a variation of whiteness against which whiteness is about 100 for natural light.

Information and specifications subject to change.  
 SM16GA 5.4W Rev 1.6.06.16

Soraa Inc. 6500 Kaser Drive, Suite 110, Fremont, CA 94555  
 855 GO-SORAA / 855-467-6722 | www.soraa.com

## Lighting Manufacturer Cut Sheets

Copy of Scottsdale Development Review  
 Revised - June 22, 2017

Owner: Macerich  
 Design Professional: Ennead Architects  
 Project: Scottsdale Fashion Square



L-3 Fixture Summary:

Lumen Output per fixture: 310 lumens / fixture

Zoning Ordinance Section 7.200 - Outdoor Lighting Requirements:

Table 7.602.A.1

Standard	Other outdoor lighting	Additional Regulations	Application of Standards
Height	DRB Review	None Applicable	Subject to DRB Approval - NOTE: Fixture is stake mounted
Lens	Required	None	Lens included - Soft focus lens (diffused)
Shield	See Table 7.602.A.2	None Applicable	Not required per 7.602.A.2 - NOTE: Angled shield included
Direct Light Source Down	See Table 7.602.A.2	None Applicable	Not required per 7.602.A.2
Full Cutoff	See Table 7.602.A.2	None Applicable	Not required per 7.602.A.2
Light Trespass	Note 4b, 4c	None	Subject to DRB Approval
Hours of Operation	DRB Review, Note 6	None Applicable	Subject to DRB Approval

4b. Maximum light trespass: Single-family residential use adjacent to or abutting single-family residential use, maximum: 0.1 foot candles: **NOT APPLICABLE**

4c. Maximum light trespass: Non-residential use adjacent to or abutting single-family residential use, maximum: **subject to DRB approval**

6. Single-family residential use adjacent to or abutting single-family residential use: any fixture with output equal to or greater than 2,600 initial lumens shall not be operated between 11:00pm and 6:00am, except security lighting may be operated for a period of not more than 15 minutes: **NOT APPLICABLE**

Table 7.602.A.2

Total Initial Lumens of All Light Sources Within a Luminaire	Lighting Shield	Direct Downward	Full Cutoff
1600 or less	No	No <sup>2</sup>	No
Over 1600 to 3050	Yes	No <sup>2,3</sup>	No
Over 3050	Yes	Yes	Yes

2. All lighting mounted eight (8) feet or higher shall be directed downward:

**NOT APPLICABLE- Fixture mounted flush to grade**

3. Wherever practicable, lighting which is directed upward should be located on west or east sides of object being lit.

**NOT PRACTICABLE - Fixtures oriented with architectural features.**

Lighting Manufacturer Cut Sheets