

Power Square Redevelopment - Project Narrative

12/18/18

Power Square is the redevelopment of an approximately 16-acre parcel in Mesa Arizona located at the intersection of Power Road and Baseline Road and bounded on the east by South Roslyn street and on the south by East Kiowa Avenue. It is comprised of an existing covered mall building as well as several outparcels. Existing commercial uses on these outparcels include a bank, car wash, tile shop, automotive repair facility, restaurants, automotive parts store, coffee shop and insurance office. Redevelopment of this project will add two outparcels, one on Power Rd. and one on Baseline Rd.

A primary part of this redevelopment is the renovation of Power Square Mall, an existing covered mall building that was originally built in 1986 with an addition made in 1994. It contains a total of approximately 209,000 square feet of retail space. The exterior walls of the building are predominantly painted precast concrete panels with brick and steel entry elements. Inside are several intersecting concourses with exposed steel trusses that support a continuous standing seam metal roof with skylights.

The purpose of the redevelopment is to modernize an outdate retail project in response to vast changes in the retail environment over the past decade, primarily the shrinking footprint for nearly all retailers. The proposed renovations to Power Square Mall include a complete recladding of the exterior with new architectural elements at the entries and architectural features at other key locations on the building exterior. New materials will include paint, stucco, masonry veneer, metal panels, wood accents and painted exposed steel. These architectural elements and materials have been articulated in such a way as to help break down the scale of the building to be more pedestrian friendly and to bring a fresh and modern appearance to the facility. A separate color palette and design aesthetic have been created to differentiate the retail portions of the building from the storage portions. New exterior lighting, landscaping and site amenities will be added to help achieve this. The mall interior will be receiving new finishes, the scope of which has not been fully defined.

The mall interior will be subdivided through the recordation of a condominium plat, to provide for a new tenant that will operate climate controlled self-storage and will occupy nearly half of the mall space on the southeast side. A management office for this tenant is being added on the southwest corner of the building to provide maximum exposure to their entry, and differentiate the storage form the retail that will remain. Vanity Fair, the largest tenant in the mall, will remain in its existing space, and two other regional / national tenants are looking to remain in the redeveloped mall. Many of the local tenants will also remain in the project, and any remaining space will be leased to new tenants.

New tenant signage will be incorporated on the building façade and a new pylon signs will replace the existing signs on the site.

The scope of the proposed site work includes creating four lots and one tract out of the original 1 lot. A replat of the original 16.5-acre parcel has been created to accomplish this, which will allow the lease or sale of the aforementioned outparcels along Power Rd. and Baseline Rd., as well as accommodate for future uses on the land that was previously required for mall parking to the south and east of the project.

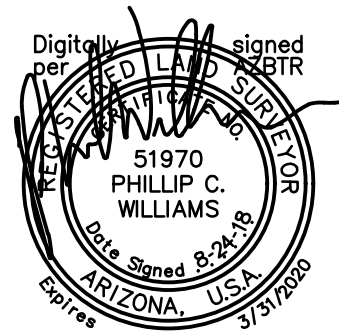
8/24/2018

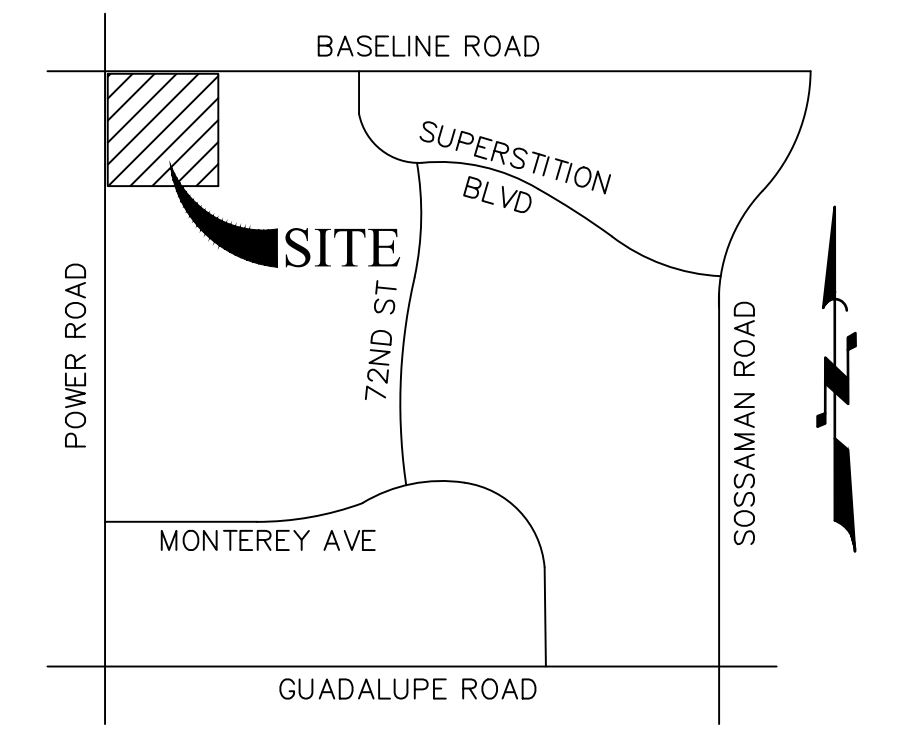
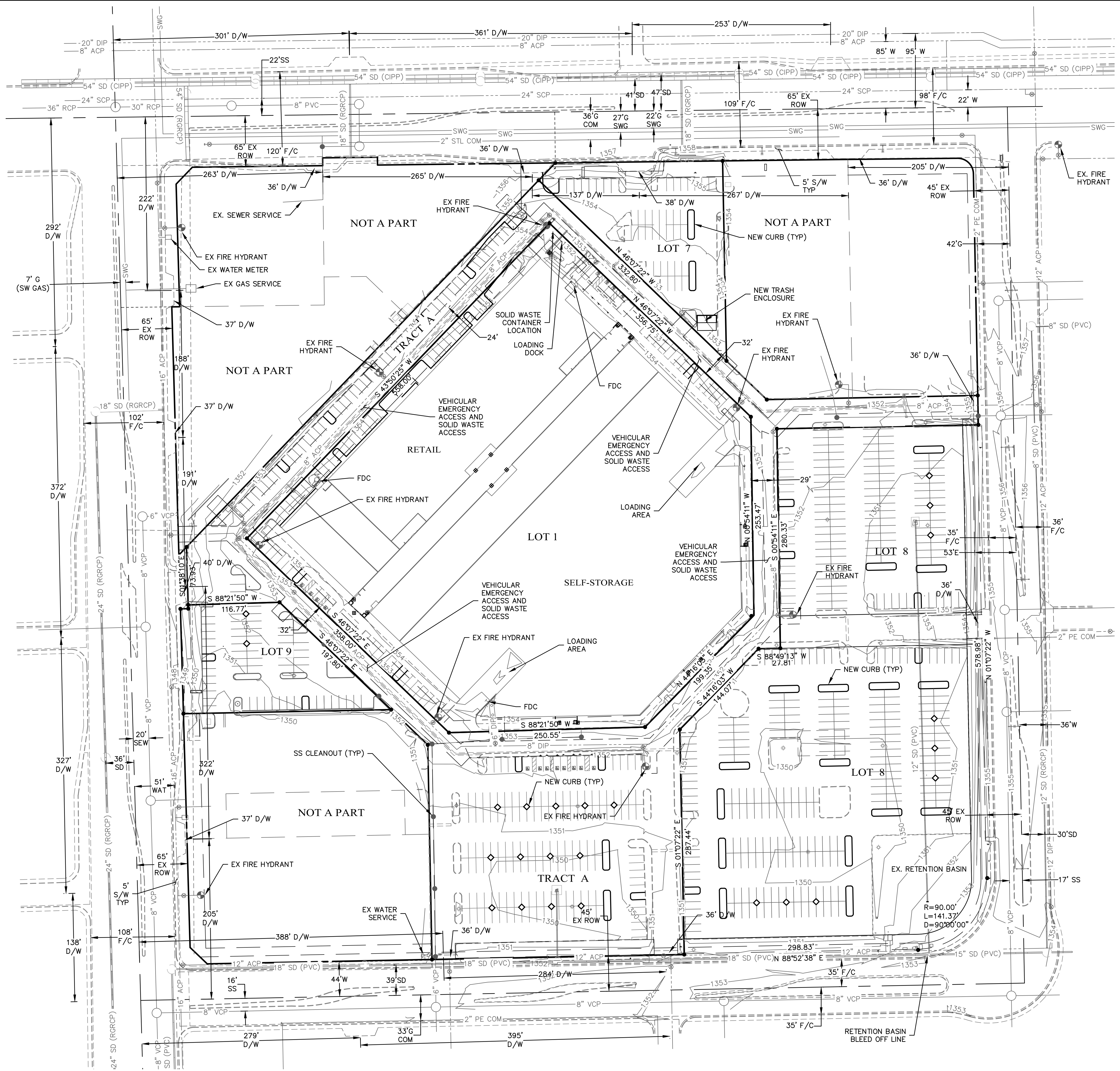
City of Mesa
Planning & Zoning Board
20 E. Main Street
Mesa, AZ 85201

RE: Drainage Statement for Power Square Condominium Plat

The Power Square Condominium Plat project is located at 2055 S Power Rd in Mesa, AZ. VF Factory Outlet Lot 1, APN: 304-05-642. The project comprises remodeling the existing building and subdividing the building into two condominium units.

No exterior grading is anticipated, no existing drainage patterns are to be altered. The drainage patterns for this project will continue per historic routes, therefore a new grading & drainage plan is not included with this submittal.





OWNER

INFINITY MESA, LLC
 4000 S. POPLAR STREET
 CASPER, WY 82601
 CONTACT: STEVE RESNIK
 PHONE: (818) 943-0390

ENGINEER

R.B. WILLIAMS & ASSOCIATES, INC.
 40 W. BASELINE RD., STE 110
 TEMPE, AZ 85283
 CONTACT: JEFFREY L. WILLIAMS, P.E.
 PHONE: (480) 424-2352
 FAX: (480) 424-2353
 EMAIL: JEFF@RBWILLIAMS.COM

PROJECT DATA

PROJECT DESCRIPTION: THE EXISTING SITE CONSISTS OF A ONE STORY OUTLET MALL. THE NEW PROJECT WILL UPDATE THE EXTERIOR OF THE EXISTING BUILDING AND REMODEL THE INTERIOR OF THE BUILDING. THE REMODEL WILL CREATE SEVERAL RETAIL SPACES AND A SELF-STORAGE SPACE.

ZONING: LC (LIMITED COMMERCIAL)

SITE ACREAGE: NET - 718,982.12 SF

APN: 304-05-642

BUILDING AREA: RETAIL - 110,000 SF (APPROXIMATE)
 STORAGE - 100,000 SF (APPROXIMATE)
 RESTUARANT WITH DRIVE THROUGH - 675 SF (APPROXIMATE)
 TOTAL - 210,675 SF (APPROXIMATE)

BUILDING HEIGHT: 36' (EXISTING)

BUILDING USE: RETAIL SIDE: OCCUPANCY/USE - MERCANTILE
 STORAGE SIDE: OCCUPANCY/USE - STORAGE

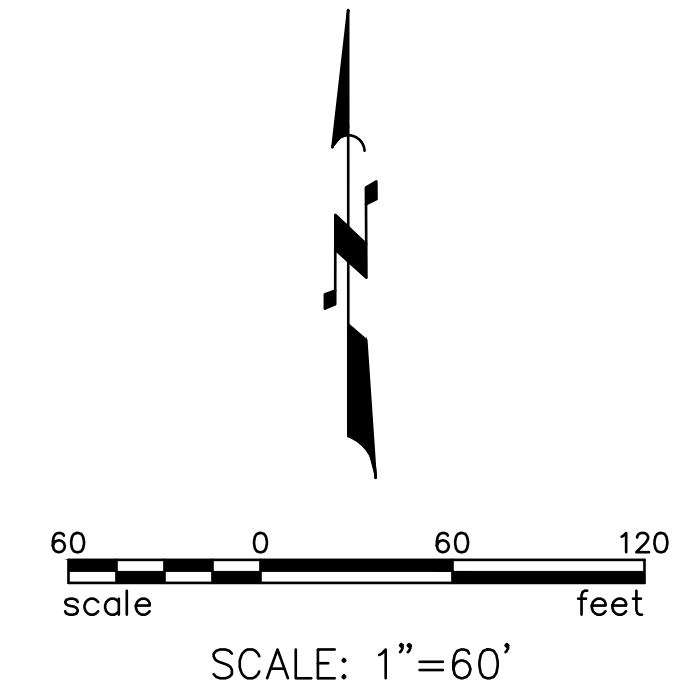
BUILDING CONSTRUCTION: TYPE III-B

LOT COVERAGE: 29.2% (EXCLUDES PAVEMENT, SIDEWALKS, AND DRIVES)

PARKING: MINI-STORAGE REQUIRED: 4 SPACES PLUS 2 FOR MANAGER'S QUARTERS
 MINI-STORAGE PROVIDED: 6 SPACES (INCLUDES 1 ADA)
 GENERAL RETAIL REQUIRED: 1 SPACE PER 375 SQUARE FEET
 110,000 SF/375 = 294 SPACES
 GENERAL RETAIL PROVIDED: 358 SPACES (INCLUDES 15 ADA)
 RESTUARANT W/ DRIVE THROUGH REQUIRED: 1 SPACE PER 100 SF OF INDOOR SPACE
 675 SF/100 = 7 SPACES
 RESTUARANT W/ DRIVE THROUGH PROVIDED: 34 SPACES (INCLUDES 1 ADA)

LOT TABLE

| LOT NO. | AREA (SF) |
|---------|------------|
| 1 | 266,464.03 |
| 7 | 32,386.12 |
| 8 | 216,492.65 |
| 9 | 27,305.09 |
| TRACT A | 176,334.23 |
| TOTAL | 718,982.12 |



R.B. WILLIAMS & ASSOCIATES, INC.
 CONSULTING ENGINEERS

PROJECT NAME

POWER SQUARE
 2055 S POWER ROAD
 MESA, AZ 85209

SHEET TITLE

SITE PLAN

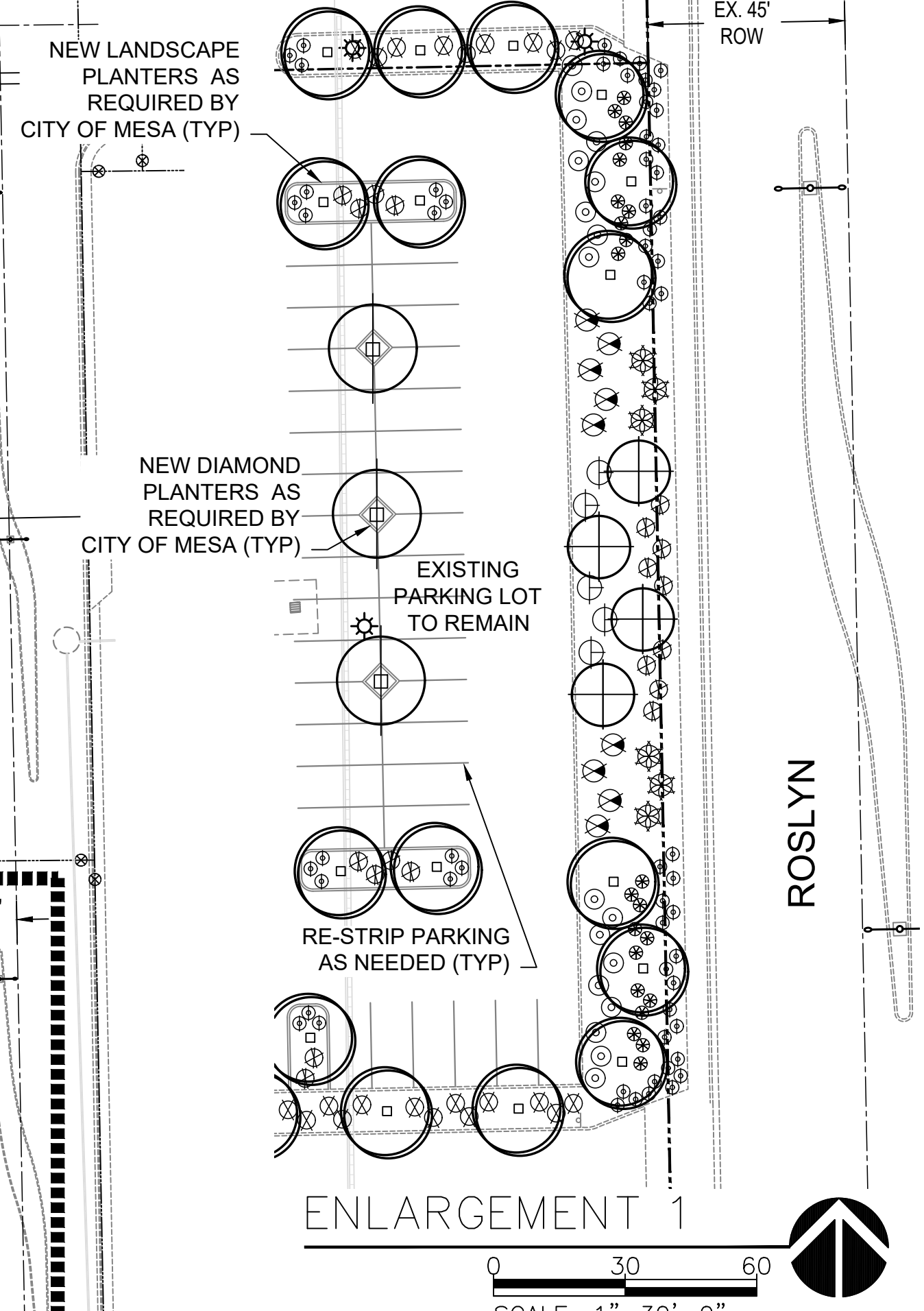
| REVISIONS: | DATE |
|------------|----------|
| | 12-07-18 |
| | JLW |
| | JLW |
| | JLW |
| | JLW |

SP01
 SHEET NO.
 1/1



POWER SQUARE MALL

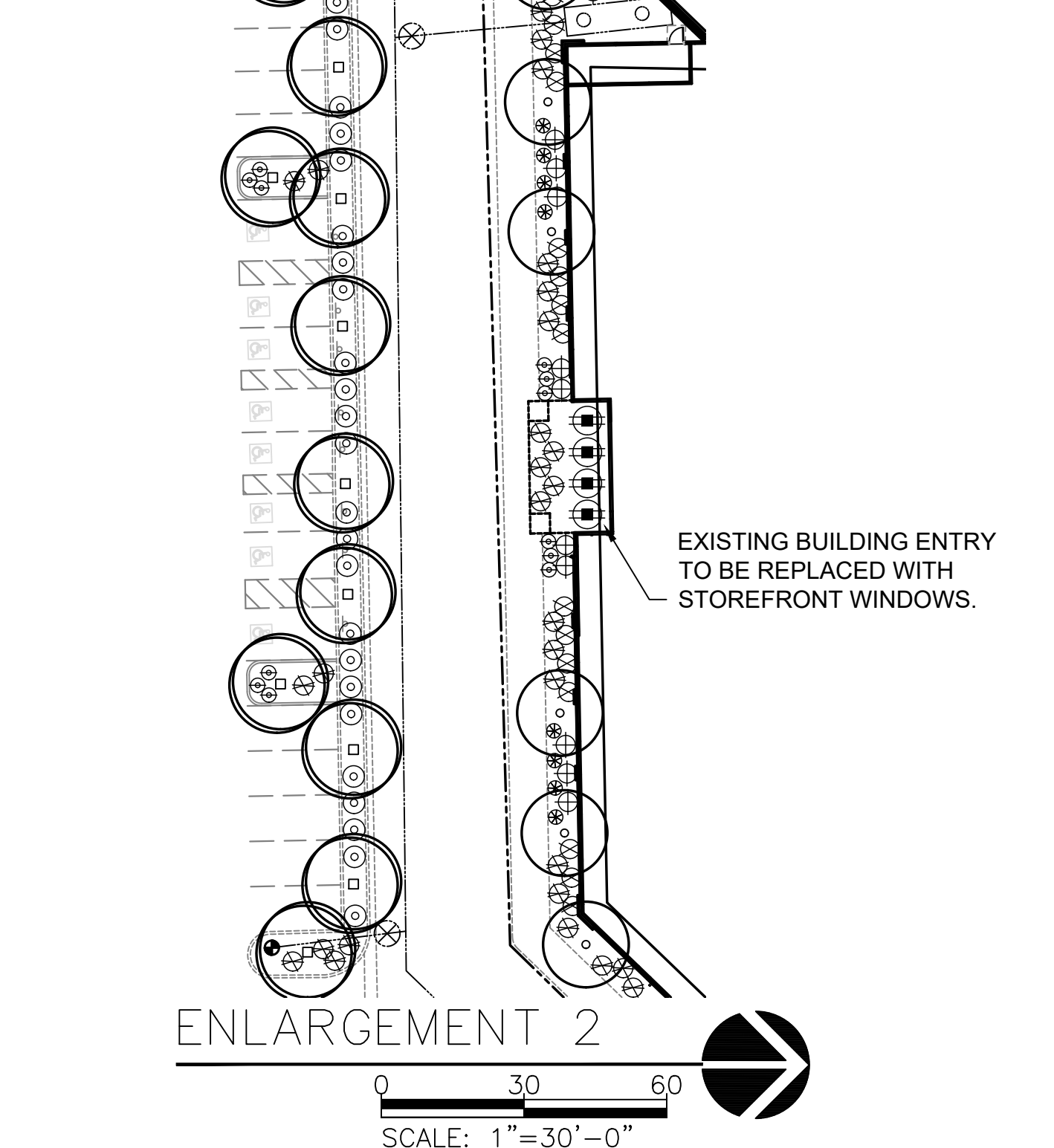
MESA, AZ
 PREPARED FOR: MUTUAL DEVELOPMENT COMPANY



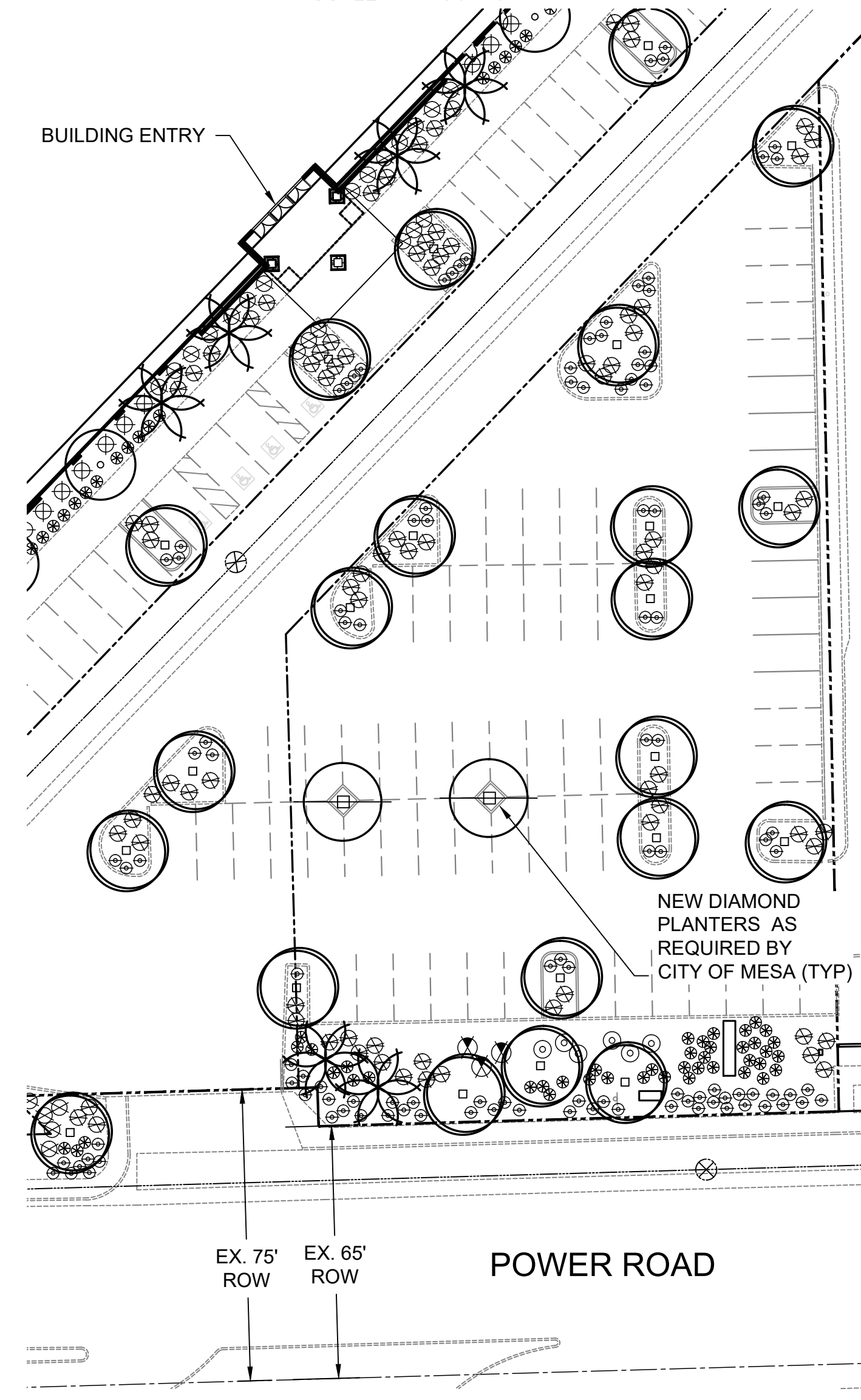
ENLARGEMENT 1
 SCALE: 1"=30'-0"

| SYMBOL | BOTANICAL/Common NAME | CLPR/SIZE |
|--------------------|---|---------------------------|
| TREES | | |
| ⊕ | ACACIA ANEURA MULGA | 24" BOX |
| ⊕ | ACACIA SALICINA WILLOWLEAF ACACIA | 15 GAL. |
| ⊕ | DALBERGIA SISSOO SISSOO TREE | 15 GAL. |
| ⊕ | PARKINSONIA HYBRID 'DESERT MUSEUM' DESERT MUSEUM PALO VERDE | 24" BOX |
| ⊕ | PHOENIX DACTYLIFERA DATE PALM | 25' CLEAR TRUNK |
| ⊕ | PROSOPIS CHILENSIS 'THORNLESS' THORNLESS CHILEAN MESQUITE | 15 GAL. |
| SHRUBS | | |
| ⊕ | CAESALPINIA PULCHERRIMA RED BIRD OF PARADISE | 5 GAL. |
| ⊕ | CALLIANDRA CALIFORNICA RED FAIRY DUSTER | 5 GAL. |
| ⊕ | CASSIA NEMOPHILA DESERT CASSIA | 5 GAL. |
| ⊕ | DODONAEA VISCOSA HOPSEED BUSH | 5 GAL. |
| ⊕ | LEUCOPHYLLUM LANGMANIAE RIO BRAVO™m RIO BRAVO SAGE | 5 GAL. |
| ⊕ | LEUCOPHYLLUM ZYGOPHYLLUM 'CIMARRON'™m CIMARRON SAGE | 5 GAL. |
| ⊕ | RUELLIA PENINSULARIS BAJA RUELLIA | 5 GAL. |
| ⊕ | TECOMA SPP. 'ORANGE JUBILEE' | 5 GAL. |
| ACCENTS | | |
| ⊕ | AGAVE GEMINIFLORA TWIN-FLOWERED AGAVE | 5 GAL. |
| ⊕ | DASYLIRION WHEELERI DESERT SPOON | 5 GAL. |
| ⊕ | HESPERALOE PARVIFLORA RED YUCCA | 5 GAL. |
| GROUNDCOVER | | |
| ⊕ | ACACIA REDOLENS 'DESERT CARPET' N.C.N. | 1 GAL. |
| ⊕ | LANTANA SPP. 'NEW GOLD' LANTANA | 1 GAL. |
| ⊕ | LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA | 1 GAL. |
| ⊕ | DECOMPOSED GRANITE MADISON GOLD OR EQUAL | 1/2" SCREENED |
| ⊕ | WEATHERED GRANITE BOULDERS SURFACE SELECT | 1/2 - 2 TON 1 TON AVG. |

NOTES:
 1) TREE HEIGHTS AND CALIPERS WILL COMPLY WITH "ARIZONA NURSERY ASSOCIATION SPECIFICATIONS" FOR THAT TYPE AND SIZE OF TREE
 2) LANDSCAPE TO BE WATERED BY AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM.

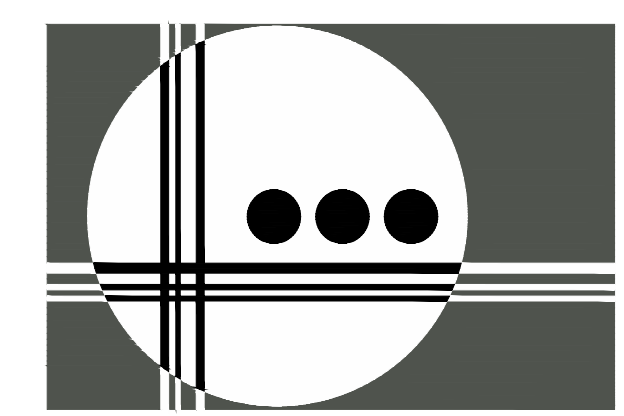
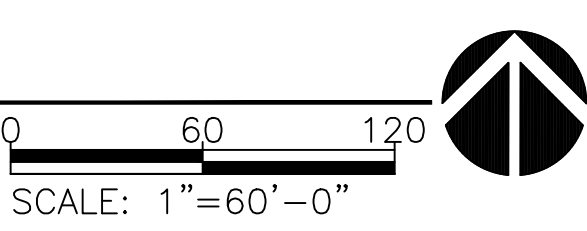


ENLARGEMENT 2
 SCALE: 1"=30'-0"



ENLARGEMENT 3
 SCALE: 1"=30'-0"

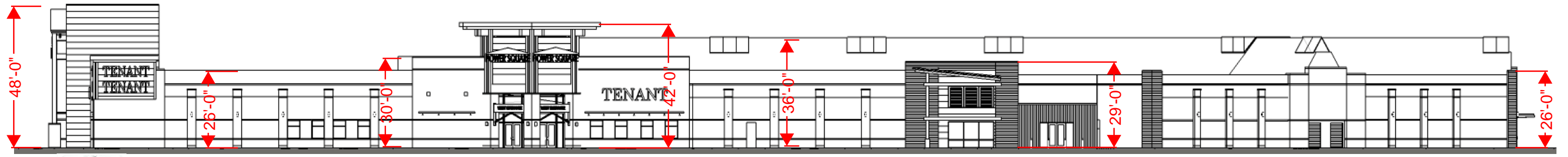
CONCEPTUAL LANDSCAPE PLAN



GILMORE
 PLANNING & LANDSCAPE ARCHITECTURE
 2211 N. 7th Street
 Phoenix, AZ 85006
 T 602.266.5622
 www.getgilmore.com

DATE: 12.13.18
 GPLA JOB# 18047

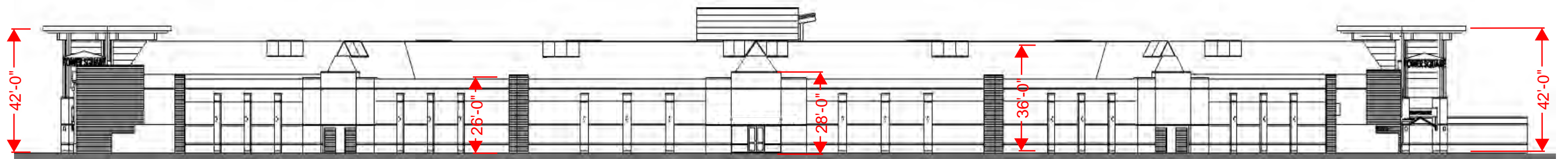
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Elevation 1



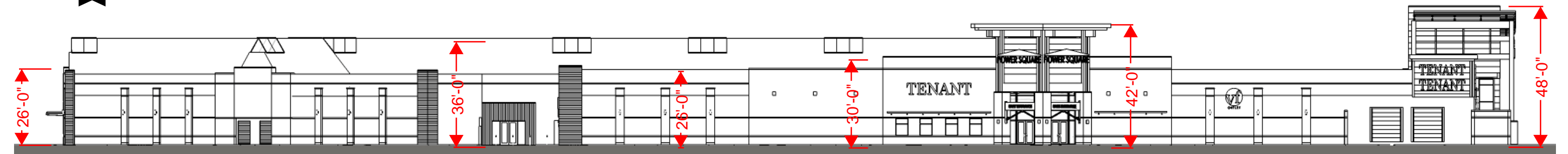
Key Plan



Elevation 2



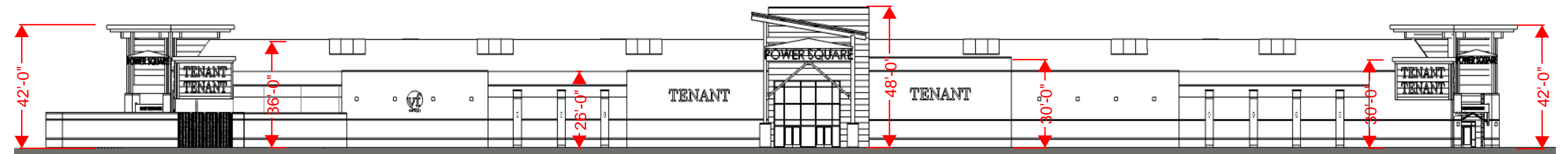
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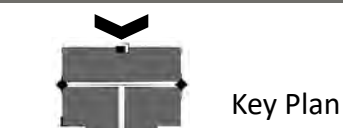
Elevation 3



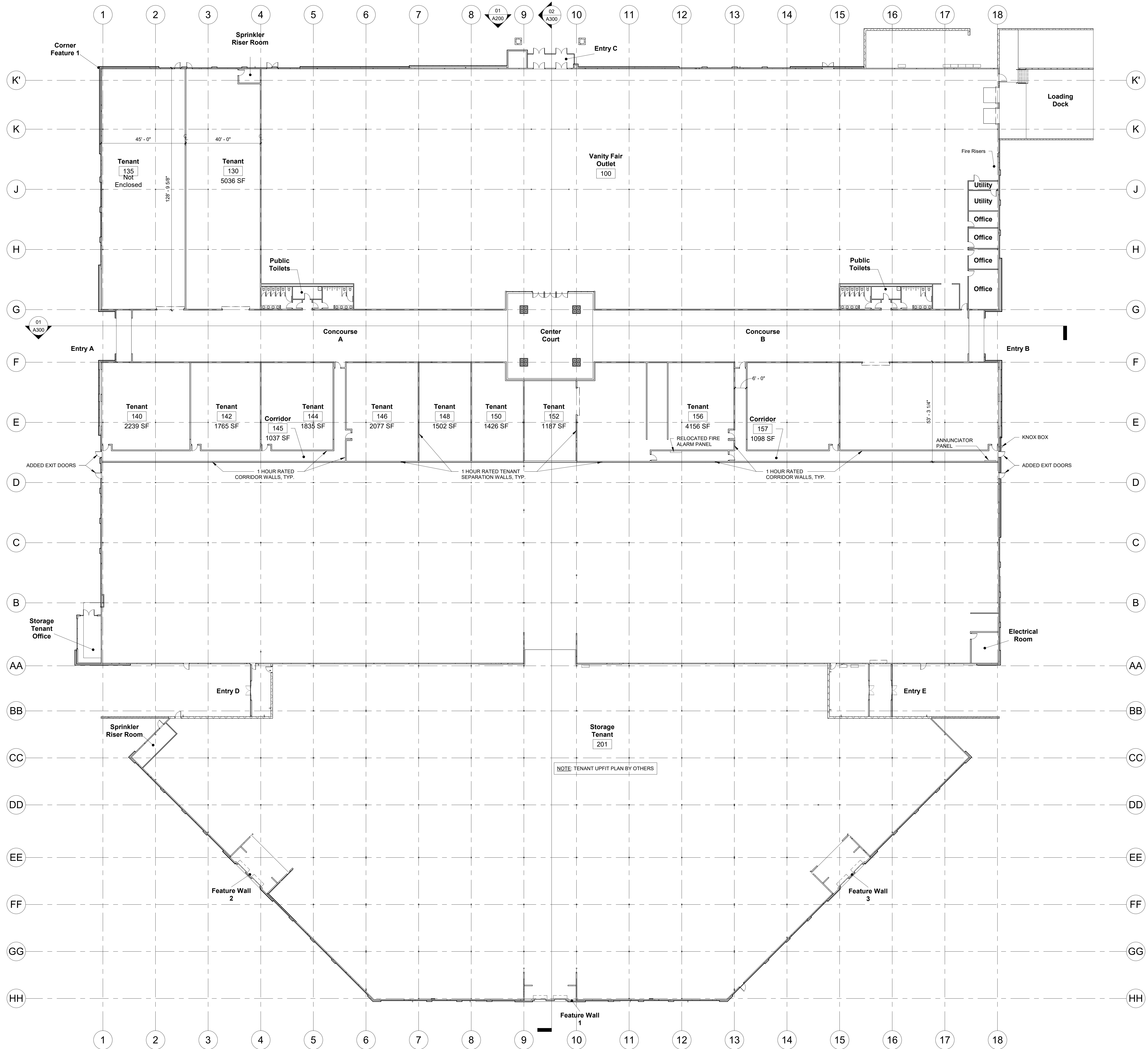
Key Plan



Elevation 4



Key Plan



**POWER
SQUARE MALL
RENOVATIONS
PHASE 1**

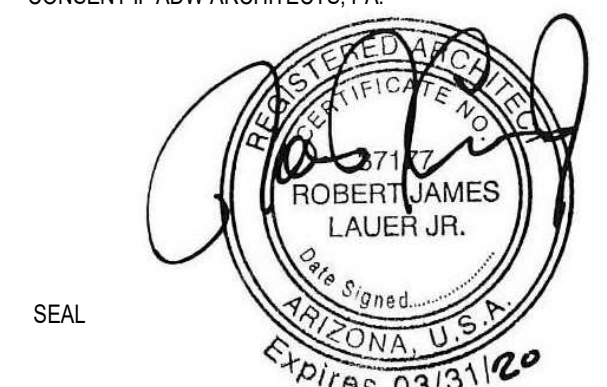
2055 S. POWER ROAD
MESA, AZ 85209

**PROPOSED NEW SHELL
PLAN**

DATE: 12-18-2018
PROJECT NO: 17001

REVISIONS
NO: DATE: DESCRIPTION:

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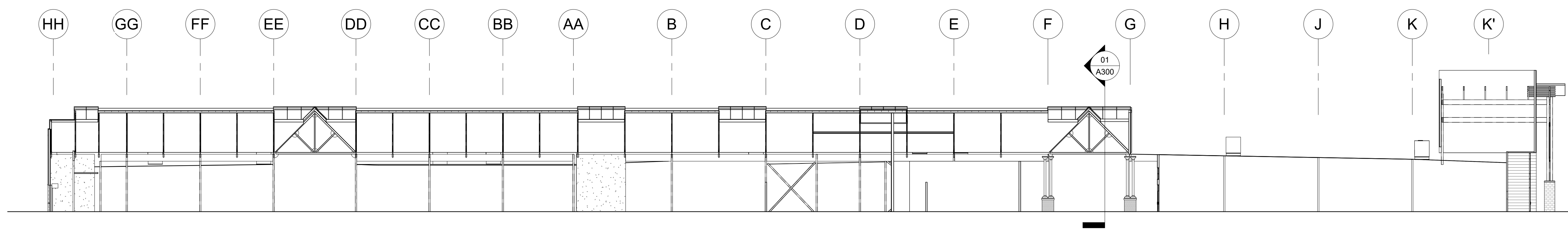
SEAL

A1-NS

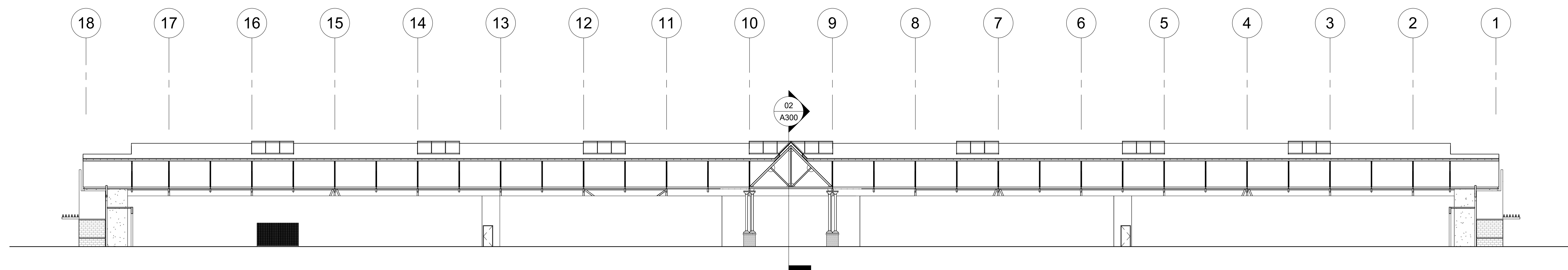
SHEET NUMBER

**POWER
SQUARE MALL
RENOVATIONS
PHASE 1**

2055 S. POWER ROAD
MESA, AZ 85209



BUILDING SECTION 1" = 20'-0" 02



BUILDING SECTION 1" = 20'-0" 01

BUILDING SECTIONS

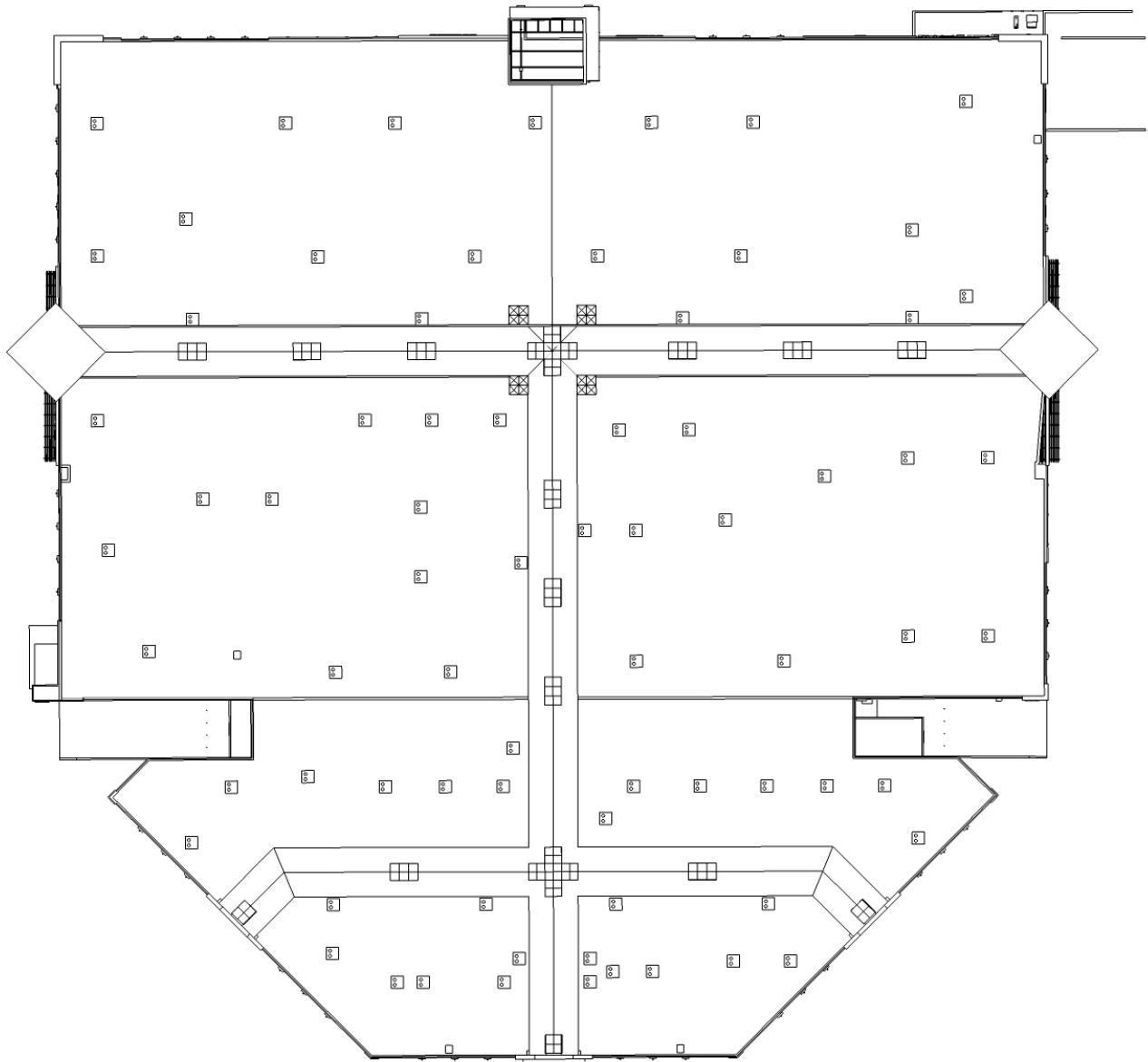
DATE: 12-18-2018
PROJECT NO: 17001

REVISIONS
NO: DATE: DESCRIPTION:

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SHEET NUMBER

A300



Power Square Mall - Proposed Roof Plan

Not to Scale



Rendering View 1



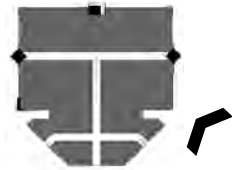
Rendering View 2



Power Square Mall - Color Perspective Renderings



Rendering View 3



Key Plan



Rendering View 4



Key Plan



Rendering View 5



Key Plan



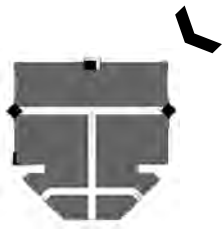
Rendering View 6



Key Plan



Aerial View 1



Key Plan



Aerial View 2



Key Plan



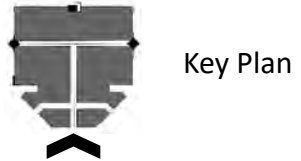
Elevation 1



Key Plan



Elevation 2



Key Plan



Elevation 3



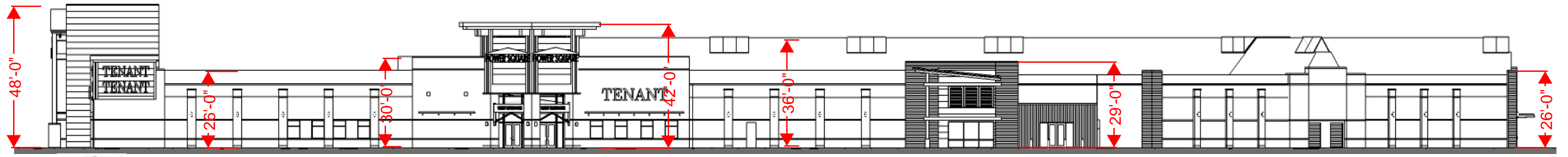
Key Plan



Elevation 4



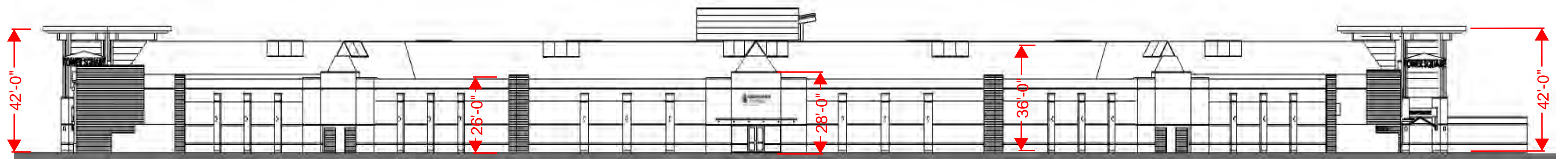
Key Plan



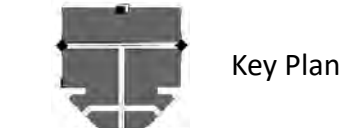
Elevation 1



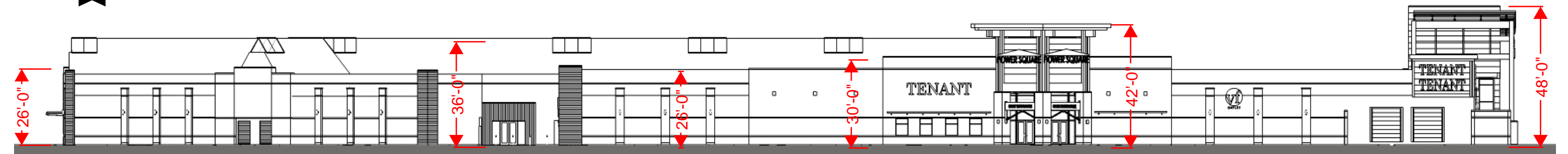
Key Plan



Elevation 2



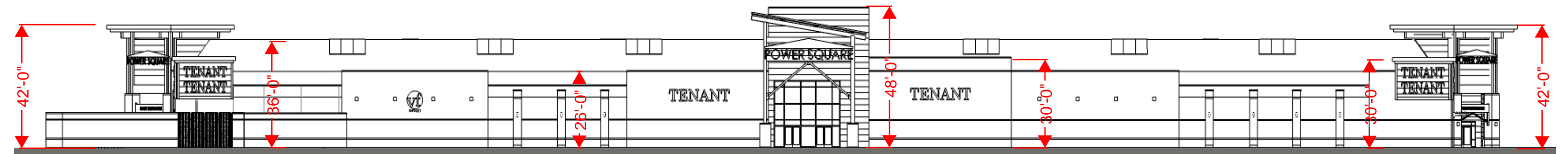
Key Plan



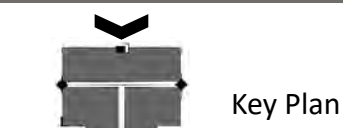
Elevation 3



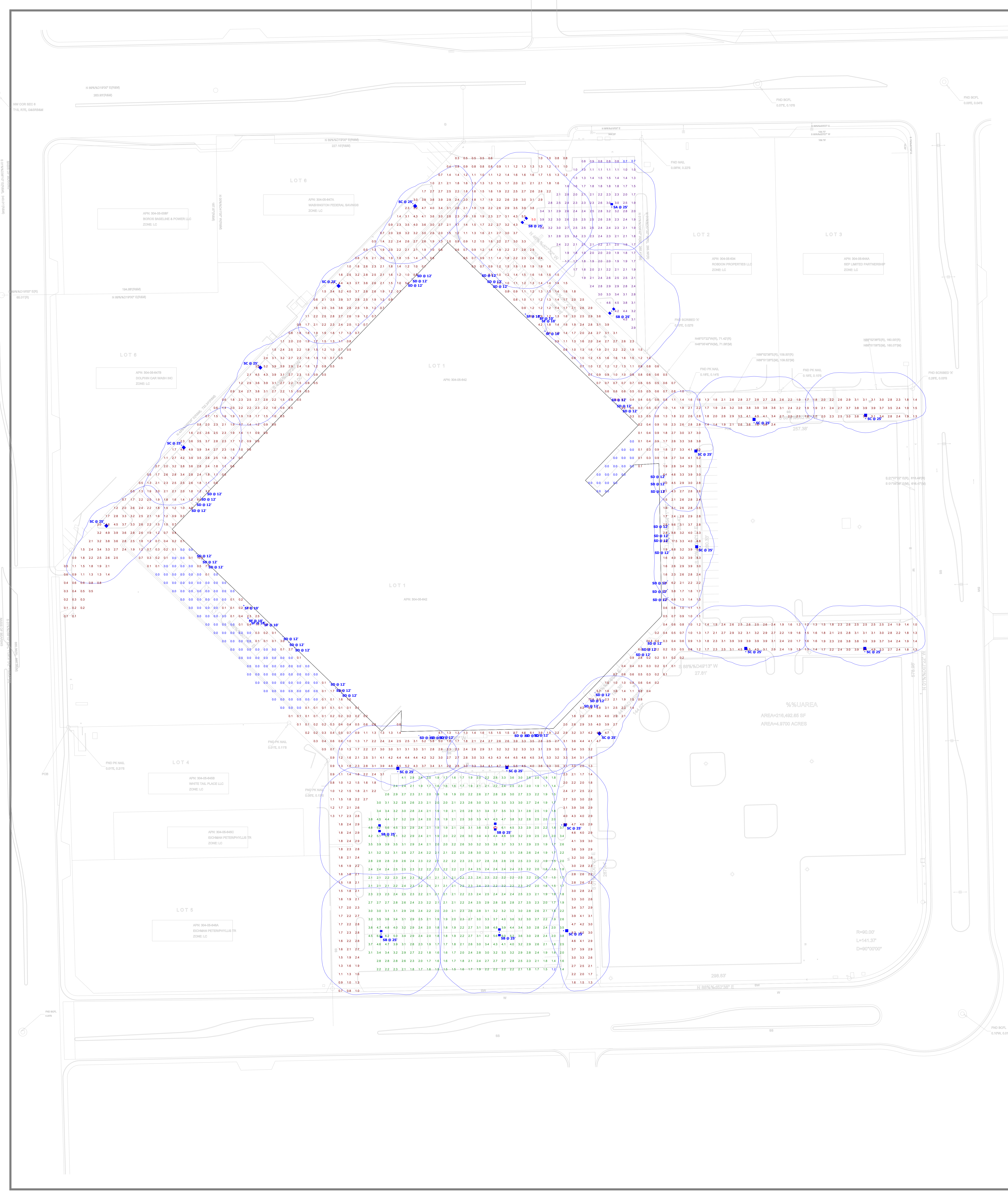
Key Plan



Elevation 4



Key Plan



| Symbol | Label | Quantity | Manufacturer | Catalog Number | Description | Lamp | Fixture | Lumens Per Lamp | Light Loss Factor | Wattage |
|--------|-------|----------|-------------------|--|--------------------------------------|------|-------------------------------|-----------------|-------------------|---------|
| SA | SA | 1 | Lithonia Lighting | DSX1 LED P9 30K T5W MOUNT SPA (FINISH) / 555 22.5" W/2.0" BASE | DSX1 LED P9 30K T5W MOUNT | LED | DSX1_LED_P9_30K_T5W_MOUNT.MXD | 2640S | 0.91 | 241 |
| SB | SB | 6 | Lithonia Lighting | DSX1 LED P9 30K T5W MOUNT SPA (FINISH) / 555 22.5" W/2.0" BASE | DSX1 LED P9 30K T5W MOUNT | LED | DSX1_LED_P9_30K_T5W_MOUNT.MXD | 2640S | 0.91 | 482 |
| SC | SC | 16 | Lithonia Lighting | DSX1 LED P9 30K T5W MOUNT SPA (FINISH) / 555 22.5" W/2.0" BASE | DSX1 LED P9 30K T5W MOUNT | LED | DSX1_LED_P9_30K_T5W_MOUNT.MXD | 2640S | 0.91 | 241 |
| SD | SD | 44 | Lumina | SY602-L2W121-(VOLTAGE)-(FINISH) | SY602 6" UP/DOWN WALL MOUNT CYLINDER | LED | SY602-L2W121-600.HX | 2138 | 0.91 | 25.1 |
| SF | SF | 8 | VISA LIGHTING | DW1725-L30K-L (FINISH) | WALL MOUNT OUTDOOR SQUARE | LED | DW1721-L30K-L.HX | 1415 | 0.91 | 30.3 |

| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
|------------------------------------|--------|------|-------|------|---------|---------|
| BUILDING PERIMETER AND EXIT DRIVES | + | 2.0% | 18.6% | 0.0% | N/A | N/A |
| NORTH PARKING | + | 2.5% | 5.0% | 0.7% | 7.1: | 3.3: |
| SOUTH PARKING | + | 2.6% | 6.3% | 1.2% | 5.1: | 2.2: |

POWER SQUARE



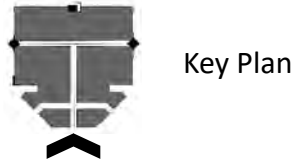
Elevation 1



Key Plan



Elevation 2



Key Plan



Elevation 3



Key Plan



Elevation 4

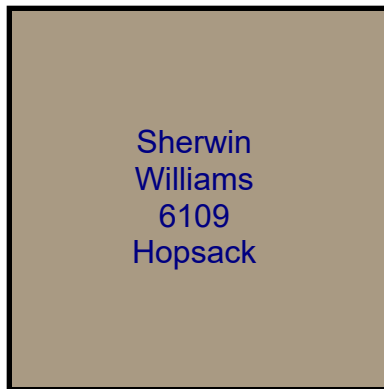


Key Plan



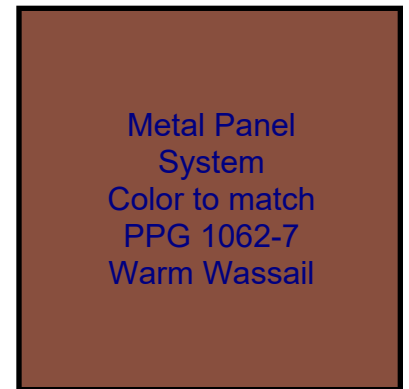
Sherwin
Williams
6150
Universal
Khaki

S1 - Stucco 1
TP1 - Textured Paint 1



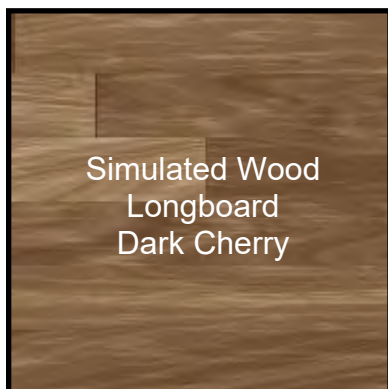
Sherwin
Williams
6109
Hopsack

S2 - Stucco 2
TP2 - Textured Paint 2



Metal Panel
System
Color to match
PPG 1062-7
Warm Wassail

MP1 - Metal Panel 1



Simulated Wood
Longboard
Dark Cherry

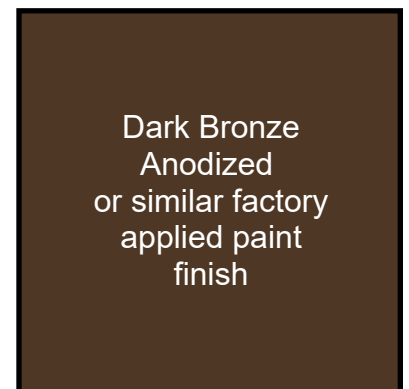
SW - Simulated Wood



Oldcastle
Ground Face
Malibu Sands

Oldcastle
Split Face
Umber Brown

CMU 1 / CMU 2



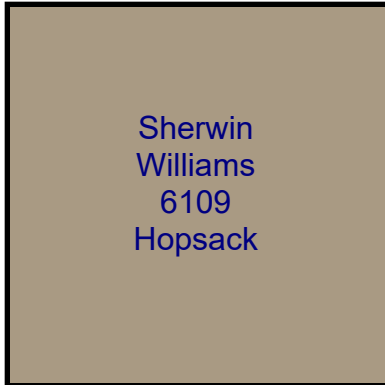
Dark Bronze
Anodized
or similar factory
applied paint
finish

SF1 - Storefront
P1 - Paint Color 1



Sherwin
Williams
6150
Universal
Khaki

S1 - Stucco 1
TP1 - Textured Paint 1



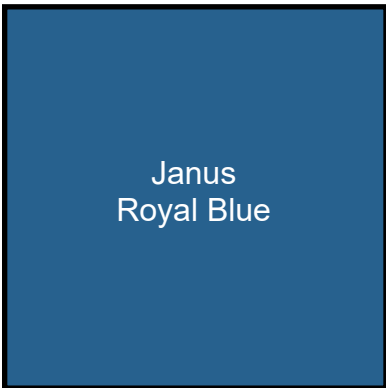
Sherwin
Williams
6109
Hopsack

S2 - Stucco 2
TP2 - Textured Paint 2



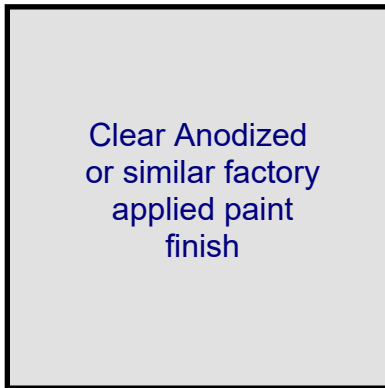
Sherwin
Williams
9162
African Gray

S3 - Stucco 3



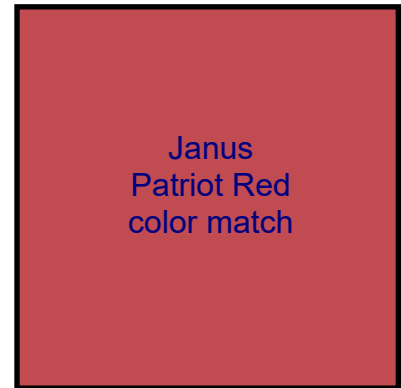
Janus
Royal Blue

MP2 - Metal Panel 2



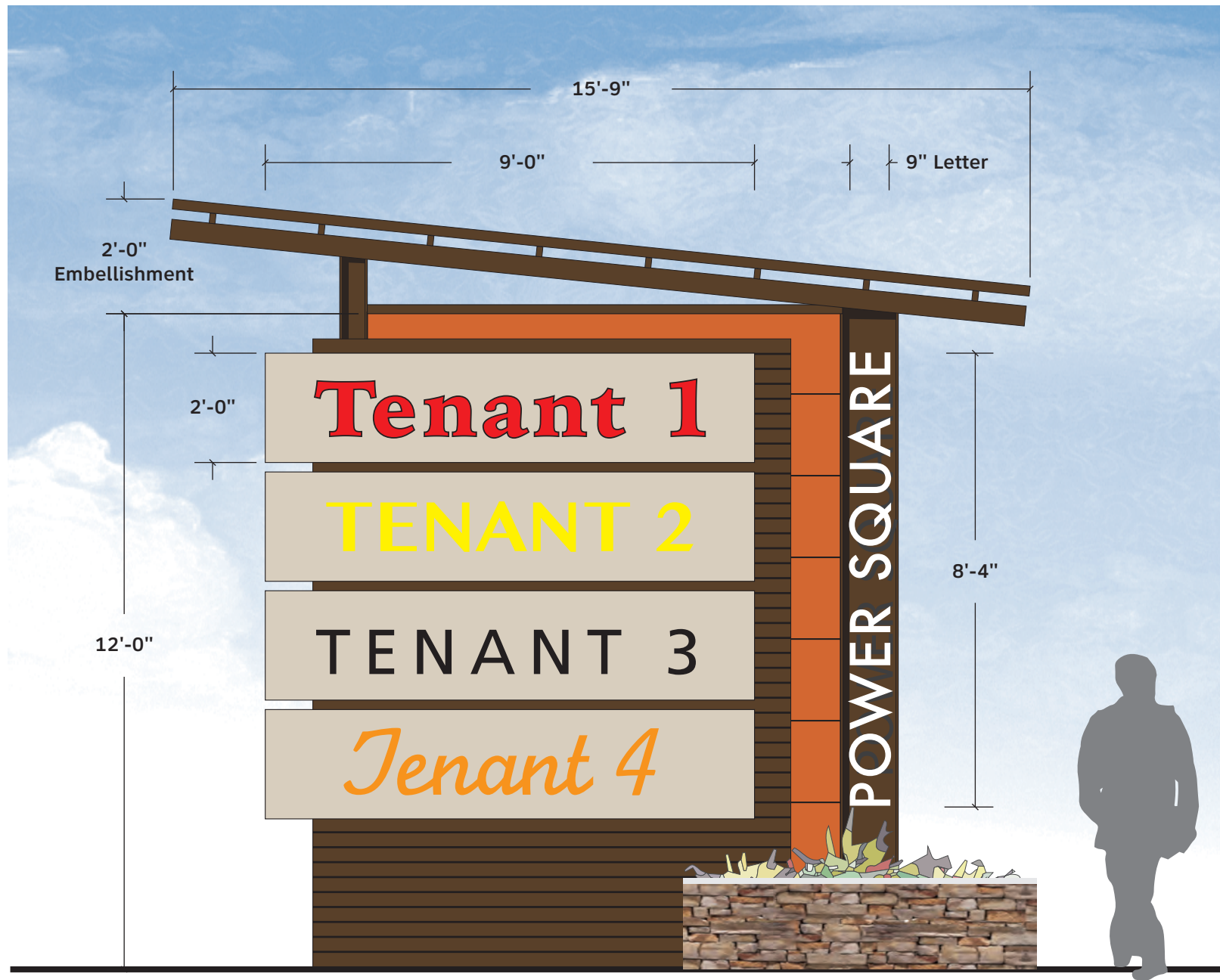
Clear Anodized
or similar factory
applied paint
finish

SF2 - Storefront



Janus
Patriot Red
color match

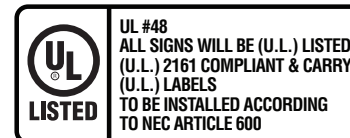
P2 - Paint Color 2



Scale: 3/8" = 1'-0"

Conceptual Multi-Tenant Monument Sign
 80 Sq Ft Maximum Sign Area
 12 Feet Maximum Sign Height – Exclusive of Embellishment

*Proposed signage to be submitted through separate submittal



Current Sign Location (Power Rd.)

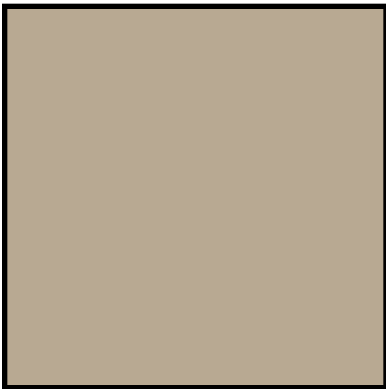


Current Sign Location (Baseline Rd.)

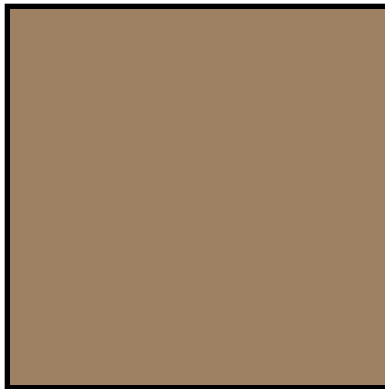
bleier
INDUSTRIES

9650 WEST ROOSEVELT STREET
 TOLLESON, ARIZONA 85353
 602-944-3117
 FAX 602-395-0753
 SALES@BLEIERINDUSTRIES.COM

| | | | |
|---|------------------------------|--|------------|
| PROJECT: Power Square SEC of Power Rd. & Baseline Rd. Mesa, AZ | | DATE: 4/17/2017 | REVISIONS: |
| TITLE: Multi-Tenant Monument Sign | | SHEET No: MS-1 | |
| DESIGNER: FMB | SALES: Paul Bleier | © 2017, BLEIER INDUSTRIES, LTD. This drawing and the ideas expressed herein, remain the confidential property of Bleier Industries, Ltd. This drawing and the ideas contained in it are not to be reproduced, copied or disclosed to any other person or entity without the express written permission of an officer of Bleier Industries, Ltd. | |
| DESIGN No: 2017-D-008 | SCALE: AS NOTED | | |



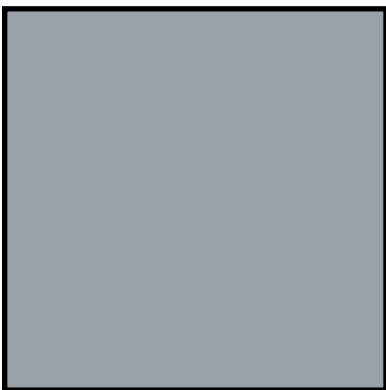
S1 - Stucco 1



S2 - Stucco 2



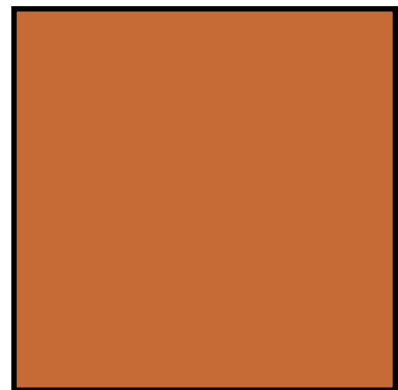
MP2 - Metal Panel 2



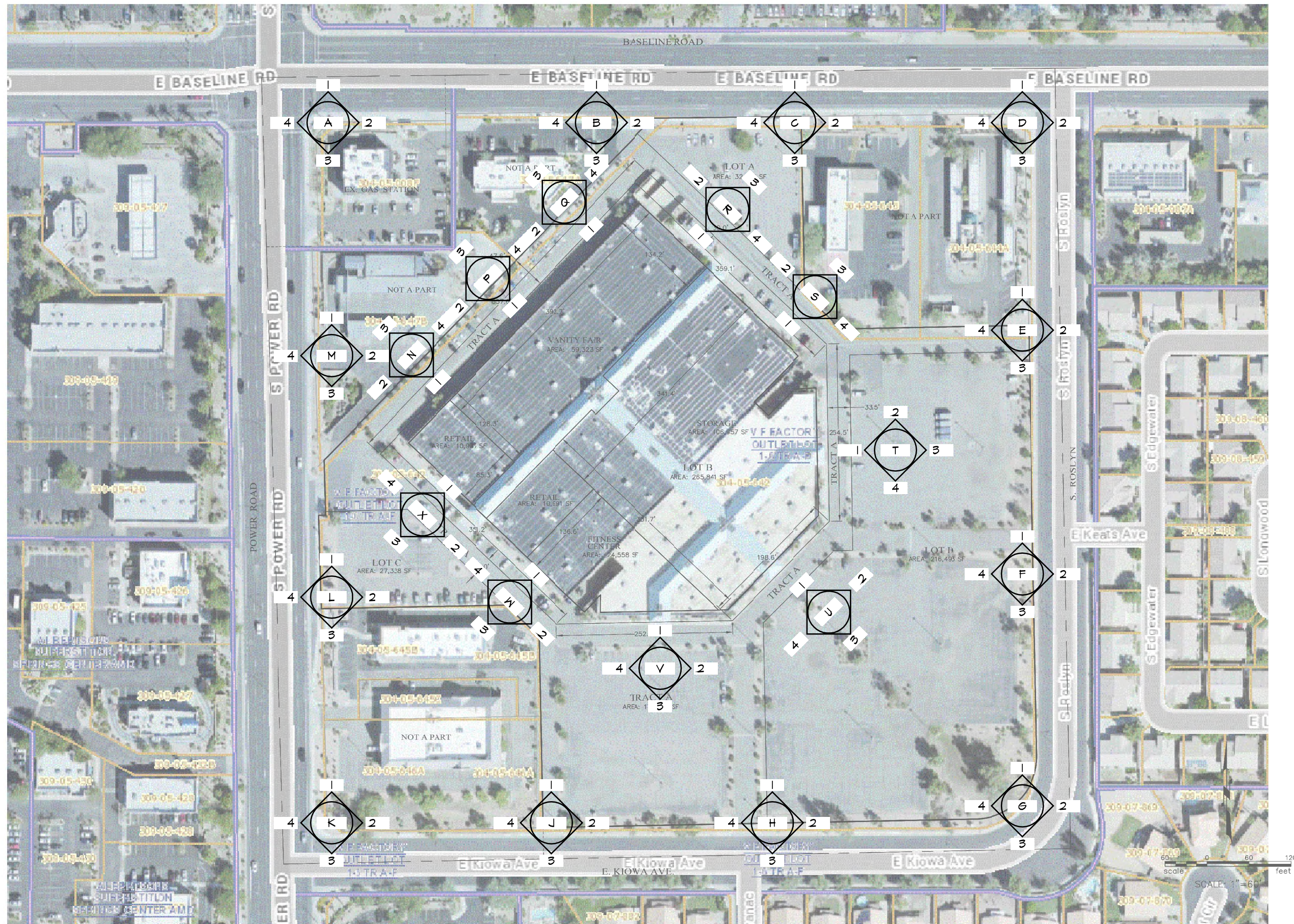
MP3 - Metal Panel 3



SF2 - Storefront



P2 - Paint Color 2



Power Square - Site Photo Key Plan



Power Square - Existing Site Photos



A1



A2



A3



A4

Power Square - Existing Site Photos



B1



B2



B3



B4

Power Square - Existing Site Photos



C1



C2



C3



C4

Power Square - Existing Site Photos



D1



D2



D3



D4

Power Square - Existing Site Photos



E1



E2



E3



E4

Power Square - Existing Site Photos



F1



F2



F3



F4

Power Square - Existing Site Photos



G1



G2



G3



G4

Power Square - Existing Site Photos



H1



H2



H3



H4

Power Square - Existing Site Photos



J1



J2



J3



J4

Power Square - Existing Site Photos



K1



K2



K3



K4

Power Square - Existing Site Photos



L1



L2



L3



L4

Power Square - Existing Site Photos



M1



M2



M3



M4

Power Square - Existing Site Photos



N1



N2



N3



N4

Power Square - Existing Site Photos



P1



P2



P3



P4

Power Square - Existing Site Photos



Q1



Q2



Q3



Q4

Power Square - Existing Site Photos



R1



R2



R3



R4

Power Square - Existing Site Photos



S1



S2



S3



S4

Power Square - Existing Site Photos



T1



T2



T3



T4

Power Square - Existing Site Photos



U1



U2



U3



U4

Power Square - Existing Site Photos



V1



V2



V3



V4

Power Square - Existing Site Photos



W1



W2



W3



W4

Power Square - Existing Site Photos



X1



X2



X3



X4

Power Square Redevelopment - Project Narrative

8/27/18

Power Square is the redevelopment of an approximately 16-acre parcel in Mesa Arizona located at the intersection of Power Road and Baseline Road and bounded on the east by South Roslyn street and on the south by East Kiowa Avenue. It is comprised of an existing covered mall building as well as several outparcels. Existing commercial uses on these outparcels include a bank, car wash, tile shop, automotive repair facility, restaurants, automotive parts store, coffee shop and insurance office. Redevelopment of this project will add two outparcels, one on Power Rd. and one on Baseline Rd.

A primary part of this redevelopment is the renovation of Power Square Mall, an existing covered mall building that was originally built in 1986 with an addition made in 1994. It contains a total of approximately 209,000 square feet of retail space. The exterior walls of the building are predominantly painted precast concrete panels with brick and steel entry elements. Inside are several intersecting concourses with exposed steel trusses that support a continuous standing seam metal roof with skylights.

The purpose of the redevelopment is to modernize an outdate retail project in response to vast changes in the retail environment over the past decade, primarily the shrinking footprint for nearly all retailers. The proposed renovations to Power Square Mall include a complete recladding of the exterior with new architectural elements at the entries and architectural features at other key locations on the building exterior. New materials will include paint, stucco, masonry veneer, metal panels, wood accents and painted exposed steel. These architectural elements and materials have been articulated in such a way as to help break down the scale of the building to be more pedestrian friendly and to bring a fresh and modern appearance to the facility. A separate color palette and design aesthetic have been created to differentiate the retail portions of the building from the storage portions. New exterior lighting, landscaping and site amenities will be added to help achieve this. The mall interior will be receiving new finishes, the scope of which has not been fully defined.

The mall interior will be subdivided through the recordation of a condominium plat, to provide for a new tenant that will operate climate controlled self-storage and will occupy nearly half of the mall space on the southeast side. A management office for this tenant is being added on the southwest corner of the building to provide maximum exposure to their entry, and differentiate the storage form the retail that will remain. Vanity Fair, the largest tenant in the mall, will remain in its existing space, and two other regional / national tenants are looking to remain in the redeveloped mall. Many of the local tenants will also remain in the project, and any remaining space will be leased to new tenants.

New tenant signage will be incorporated on the building façade and a new pylon signs will replace the existing signs on the site.

The scope of the proposed site work includes creating four lots and one tract out of the original 1 lot. A replat of the original 16.5-acre parcel has been created to accomplish this, which will allow the lease or sale of the aforementioned outparcels along Power Rd. and Baseline Rd., as well as accommodate for future uses on the land that was previously required for mall parking to the south and east of the project.



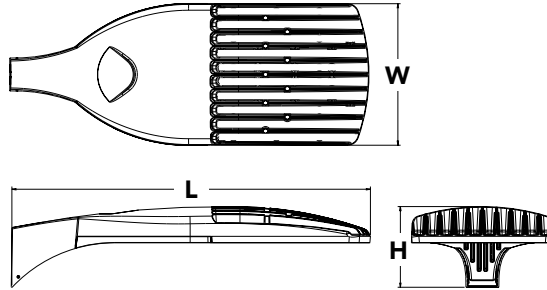
D-Series Size 1 LED Area Luminaire

d#series



Specifications

| | |
|----------------------|--|
| EPA: | 1.01 ft ² (0.09 m ²) |
| Length: | 33" (83.8 cm) |
| Width: | 13" (33.0 cm) |
| Height: | 7-1/2" (19.0 cm) |
| Weight (max): | 27 lbs (12.2 kg) |



A+ Capable options indicated by this color background.

| |
|----------------|
| Catalog Number |
| Notes |
| Type |

Hit the Tab key or mouse over the page to see all interactive elements.

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL[®] controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM[®] or XPoint[™] Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**¹

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

| Series | LEDs | Color temperature | Distribution | Voltage | Mounting |
|----------|--|---|---|--|--|
| DSX1 LED | Forward optics P1 P4 P7 P2 P5 P8 P3 P6 P9 Rotated optics P10 ¹ P12 ¹ P11 ¹ P13 ¹ | 30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted ² | T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5S Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control ^{2,3} LCCO Left corner cutoff ^{2,3} RCCO Right corner cutoff ^{2,3} | MVOLT ^{4,5} 120 ⁶ 208 ^{5,6} 240 ^{5,6} 277 ⁶ 347 ^{5,6,7} 480 ^{5,6,7} | Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁸ RPUMBA Round pole universal mounting adaptor ⁸ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁹ |

| Control options | Other options | Finish (required) |
|---|--|---|
| Shipped installed NLTAIR2 nLight AIR generation 2 enabled ¹⁰ PER NEMA twist-lock receptacle only (controls ordered separate) ¹¹ PER5 Five-wire receptacle only (controls ordered separate) ^{11,12} PER7 Seven-wire receptacle only (controls ordered separate) ^{11,12} DMG 0-10V dimming extend out back of housing for external control (leads exit fixture) DS Dual switching ^{13,14} PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{5,15,16} PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{5,15,16} PIRHN Network, Bi-Level motion/ambient sensor ¹⁷ PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{5,15,16} | PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{5,15,16} BL30 Bi-level switched dimming, 30% ^{5,14,18} BL50 Bi-level switched dimming, 50% ^{5,14,18} PNMTDD3 Part night, dim till dawn ^{5,19} PNMT5D3 Part night, dim 5 hrs ^{5,19} PNMT6D3 Part night, dim 6 hrs ^{5,19} PNMT7D3 Part night, dim 7 hrs ^{5,19} FAO Field adjustable output ²⁰ | Shipped installed HS House-side shield ²¹ SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ L90 Left rotated optics ¹ R90 Right rotated optics ¹ Shipped separately BS Bird spikes ²² EGS External glare shield ²² |
| | | DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white |



Ordering Information

Accessories

Ordered and shipped separately.

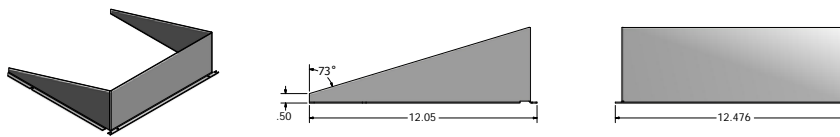
| | |
|--------------------|---|
| DLL127F 1.5 JU | Photocell - SSL twist-lock (120-277V) ²³ |
| DLL347F 1.5 CUL JU | Photocell - SSL twist-lock (347V) ²³ |
| DLL480F 1.5 CUL JU | Photocell - SSL twist-lock (480V) ²³ |
| DSHORT SBK U | Shorting cap ²³ |
| DSX1HS 30C U | House-side shield for 30 LED unit ²¹ |
| DSX1HS 40C U | House-side shield for 40 LED unit ²¹ |
| DSX1HS 60C U | House-side shield for 60 LED unit ²¹ |
| PUMBA DDBXD U* | Square and round pole universal mounting bracket (specify finish) ²⁴ |
| KMA8 DDBXD U | Mast arm mounting bracket adaptor (specify finish) ⁴ |

For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

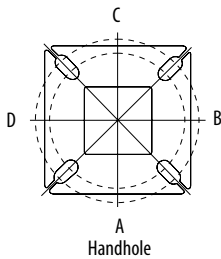
- P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
- AMBPC is not available with BLC, LCCO, RCCO or P4, P7, P8, P9 or P13.
- Not available with HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Any PIRx with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Not available in P1 or P10. Not available with BL30, BL50 or PNMT options.
- Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Must be ordered with PIRHN.
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting cap included.
- If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming. Shorting cap included.
- Provides 50/50 fixture operation via (2) independent drivers. Not available with PER, PER5, PER7, PIR or PIRH. Not available P1, P2, P3, P4 or P5.
- Requires (2) separately switched circuits.
- Reference Motion Sensor table on page 3.
- Reference PER table on page 3 to see functionality.
- Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- Not available with 347V, 480V, PNMT, DS. For PER5 or PER7, see PER Table on page 3. Requires isolated neutral.
- Not available with 347V, 480V, DS, BL30, BL50. For PER5 or PER7, see PER Table on page 3. Separate Dusk to Dawn required.
- Not available with other dimming controls options
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- For retrofit use only.

External Glare Shield



Drilling

HANDHOLE ORIENTATION



Tenon Mounting Slipfitter**

| Tenon O.D. | Single Unit | 2 at 180° | 2 at 90° | 3 at 120° | 3 at 90° | 4 at 90° |
|------------|-------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8" | AST20-190 | AST20-280 | AST20-290 | AST20-320 | AST20-390 | AST20-490 |
| 2-7/8" | AST25-190 | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
| 4" | AST35-190 | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |

Pole drilling nomenclature: # of heads at degree from handhole (default side A)

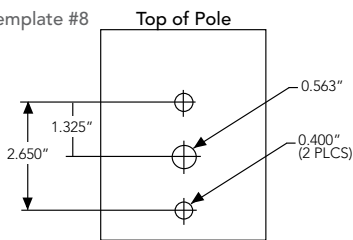
| DM19AS | DM28AS | DM29AS | DM32AS | DM39AS | DM49AS |
|---------|------------|------------|-----------------|----------------|------------------|
| 1 @ 90° | 2 @ 280° | 2 @ 90° | 3 @ 120° | 3 @ 90° | 4 @ 90° |
| Side B | Side B & D | Side B & C | Round pole only | Side B, C, & D | Sides A, B, C, D |

Note: Review luminaire spec sheet for specific nomenclature

| Pole top or tenon O.D. | 4.5" @ 90° | 4" @ 90° | 3.5" @ 90° | 3" @ 90° | 4.5" @ 120° | 4" @ 120° | 3.5" @ 120° | 3" @ 120° |
|------------------------|------------|----------|------------|----------|-------------|-----------|-------------|-----------|
| DSX SPA | Y | Y | Y | N | - | - | - | - |
| DSX RPA | Y | Y | N | N | Y | Y | Y | Y |
| DSX SPUMBA | Y | N | N | N | - | - | - | - |
| DSX RPUMBA | N | N | N | N | Y | Y | Y | N |

*3 fixtures @120 require round pole top/tenon.

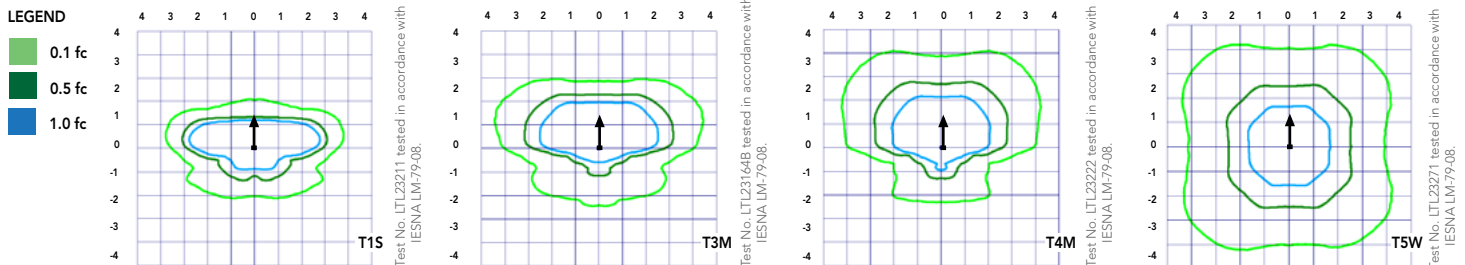
Template #8



Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

| Ambient | | Lumen Multiplier |
|-------------|-------------|------------------|
| 0°C | 32°F | 1.04 |
| 5°C | 41°F | 1.04 |
| 10°C | 50°F | 1.03 |
| 15°C | 59°F | 1.02 |
| 20°C | 68°F | 1.01 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 0.99 |
| 35°C | 95°F | 0.98 |
| 40°C | 104°F | 0.97 |

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

| Operating Hours | 0 | 25000 | 50000 | 100000 |
|--------------------------|------|-------|-------|--------|
| Lumen Maintenance Factor | 1.00 | 0.96 | 0.92 | 0.85 |

Electrical Load

| | Performance Package | LED Count | Drive Current | Wattage | Current (A) | | | | | |
|--------------------------------------|---------------------|-----------|---------------|---------|-------------|------|------|------|------|------|
| | | | | | 120 | 208 | 240 | 277 | 347 | 480 |
| Forward Optics (Non-Rotated) | P1 | 30 | 530 | 54 | 0.45 | 0.26 | 0.23 | 0.19 | 0.10 | 0.12 |
| | P2 | 30 | 700 | 70 | 0.59 | 0.34 | 0.30 | 0.25 | 0.20 | 0.16 |
| | P3 | 30 | 1050 | 102 | 0.86 | 0.50 | 0.44 | 0.38 | 0.30 | 0.22 |
| | P4 | 30 | 1250 | 125 | 1.06 | 0.60 | 0.52 | 0.46 | 0.37 | 0.27 |
| | P5 | 30 | 1400 | 138 | 1.16 | 0.67 | 0.58 | 0.51 | 0.40 | 0.29 |
| | P6 | 40 | 1250 | 163 | 1.36 | 0.78 | 0.68 | 0.59 | 0.47 | 0.34 |
| | P7 | 40 | 1400 | 183 | 1.53 | 0.88 | 0.76 | 0.66 | 0.53 | 0.38 |
| | P8 | 60 | 1050 | 207 | 1.74 | 0.98 | 0.87 | 0.76 | 0.64 | 0.49 |
| | P9 | 60 | 1250 | 241 | 2.01 | 1.16 | 1.01 | 0.89 | 0.70 | 0.51 |
| Rotated Optics (Requires L90 or R90) | P10 | 60 | 530 | 106 | 0.90 | 0.52 | 0.47 | 0.43 | 0.33 | 0.27 |
| | P11 | 60 | 700 | 137 | 1.15 | 0.67 | 0.60 | 0.53 | 0.42 | 0.32 |
| | P12 | 60 | 1050 | 207 | 1.74 | 0.99 | 0.87 | 0.76 | 0.60 | 0.46 |
| | P13 | 60 | 1250 | 231 | 1.93 | 1.12 | 0.97 | 0.86 | 0.67 | 0.49 |

Motion Sensor Default Settings

| Option | Dimmed State | High Level (when triggered) | Photocell Operation | Dwell Time | Ramp-up Time | Ramp-down Time |
|------------------------|-----------------|-----------------------------|---------------------|------------|--------------|----------------|
| PIR or PIRH | 3V (37%) Output | 10V (100%) Output | Enabled @ 5FC | 5 min | 3 sec | 5 min |
| *PIR1FC3V or PIRH1FC3V | 3V (37%) Output | 10V (100%) Output | Enabled @ 1FC | 5 min | 3 sec | 5 min |

*for use with Inline Dusk to Dawn or timer.

PER Table

| Control | PER (3 wire) | PER5 (5 wire) | | PER7 (7 wire) | | |
|-------------------------------------|--------------|---------------|----------------------------------|---------------|----------------------------------|-----------------------------|
| | | Wire 4/Wire5 | Wire 4/Wire5 | Wire 4/Wire5 | Wire 6/Wire7 | |
| Photocontrol Only (On/Off) | ✓ | ▲ | Wired to dimming leads on driver | ▲ | Wired to dimming leads on driver | Wires Capped inside fixture |
| ROAM | ✗ | ✓ | Wired to dimming leads on driver | ▲ | Wired to dimming leads on driver | Wires Capped inside fixture |
| ROAM with Motion (ROAM on/off only) | ✗ | ▲ | Wires Capped inside fixture | ▲ | Wires Capped inside fixture | Wires Capped inside fixture |
| Future-proof* | ✗ | ▲ | Wired to dimming leads on driver | ✓ | Wired to dimming leads on driver | Wires Capped inside fixture |
| Future-proof* with Motion | ✗ | ▲ | Wires Capped inside fixture | ✓ | Wires Capped inside fixture | Wires Capped inside fixture |

| |
|-----------------|
| ✓ Recommended |
| ✗ Will not work |
| ▲ Alternate |

*Future-proof means: Ability to change controls in the future.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

| Forward Optics | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------|---------------|--------------|------------|----------------------|----|------|-----|--------|----------------------|---|---|-----|--------|----------------------|---|---|-----|--------|----------------------------------|---|---|-----|-------|---|
| LED Count | Drive Current | Power Package | System Watts | Dist. Type | 30K (3000 K, 70 CRI) | | | | | 40K (4000 K, 70 CRI) | | | | | 50K (5000 K, 70 CRI) | | | | | AMBPC (Amber Phosphor Converted) | | | | | |
| | | | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | |
| 30 | 530 | P1 | 54W | T1S | 6,457 | 2 | 0 | 2 | 120 | 6,956 | 2 | 0 | 2 | 129 | 7,044 | 2 | 0 | 2 | 130 | 3,640 | 1 | 0 | 1 | 70 | |
| | | | | T2S | 6,450 | 2 | 0 | 2 | 119 | 6,949 | 2 | 0 | 2 | 129 | 7,037 | 2 | 0 | 2 | 130 | 3,813 | 1 | 0 | 1 | 73 | |
| | | | | T2M | 6,483 | 1 | 0 | 1 | 120 | 6,984 | 2 | 0 | 2 | 129 | 7,073 | 2 | 0 | 2 | 131 | 3,689 | 1 | 0 | 1 | 71 | |
| | | | | T3S | 6,279 | 2 | 0 | 2 | 116 | 6,764 | 2 | 0 | 2 | 125 | 6,850 | 2 | 0 | 2 | 127 | 3,770 | 1 | 0 | 1 | 73 | |
| | | | | T3M | 6,468 | 1 | 0 | 2 | 120 | 6,967 | 1 | 0 | 2 | 129 | 7,056 | 1 | 0 | 2 | 131 | 3,752 | 1 | 0 | 1 | 72 | |
| | | | | T4M | 6,327 | 1 | 0 | 2 | 117 | 6,816 | 1 | 0 | 2 | 126 | 6,902 | 1 | 0 | 2 | 128 | 3,758 | 1 | 0 | 1 | 72 | |
| | | | | TFTM | 6,464 | 1 | 0 | 2 | 120 | 6,963 | 1 | 0 | 2 | 129 | 7,051 | 1 | 0 | 2 | 131 | 3,701 | 1 | 0 | 1 | 71 | |
| | | | | TSVS | 6,722 | 2 | 0 | 0 | 124 | 7,242 | 3 | 0 | 0 | 134 | 7,334 | 3 | 0 | 0 | 136 | 3,928 | 2 | 0 | 0 | 76 | |
| | | | | TSS | 6,728 | 2 | 0 | 1 | 125 | 7,248 | 2 | 0 | 1 | 134 | 7,340 | 2 | 0 | 1 | 136 | 3,881 | 2 | 0 | 0 | 75 | |
| | | | | T5M | 6,711 | 3 | 0 | 1 | 124 | 7,229 | 3 | 0 | 1 | 134 | 7,321 | 3 | 0 | 2 | 136 | 3,930 | 2 | 0 | 1 | 76 | |
| | | | | T5W | 6,667 | 3 | 0 | 2 | 123 | 7,182 | 3 | 0 | 2 | 133 | 7,273 | 3 | 0 | 2 | 135 | 3,820 | 3 | 0 | 1 | 73 | |
| | | | | BLC | 5,299 | 1 | 0 | 1 | 98 | 5,709 | 1 | 0 | 2 | 106 | 5,781 | 1 | 0 | 2 | 107 | | | | | | |
| | | | | LCCO | 3,943 | 1 | 0 | 2 | 73 | 4,248 | 1 | 0 | 2 | 79 | 4,302 | 1 | 0 | 2 | 80 | | | | | | |
| | | | | RCCO | 3,943 | 1 | 0 | 2 | 73 | 4,248 | 1 | 0 | 2 | 79 | 4,302 | 1 | 0 | 2 | 80 | | | | | | |
| | | | | 30 | 700 | P2 | 70W | T1S | 8,249 | 2 | 0 | 2 | 118 | 8,886 | 2 | 0 | 2 | 127 | 8,999 | 2 | 0 | 2 | 129 | 4,561 | 1 |
| T2S | 8,240 | 2 | 0 | | | | | 2 | 118 | 8,877 | 2 | 0 | 2 | 127 | 8,989 | 2 | 0 | 2 | 128 | 4,777 | 1 | 0 | 1 | 70 | |
| T2M | 8,283 | 2 | 0 | | | | | 2 | 118 | 8,923 | 2 | 0 | 2 | 127 | 9,036 | 2 | 0 | 2 | 129 | 4,622 | 1 | 0 | 2 | 68 | |
| T3S | 8,021 | 2 | 0 | | | | | 2 | 115 | 8,641 | 2 | 0 | 2 | 123 | 8,751 | 2 | 0 | 2 | 125 | 4,724 | 1 | 0 | 1 | 69 | |
| T3M | 8,263 | 2 | 0 | | | | | 2 | 118 | 8,901 | 2 | 0 | 2 | 127 | 9,014 | 2 | 0 | 2 | 129 | 4,701 | 1 | 0 | 2 | 69 | |
| T4M | 8,083 | 2 | 0 | | | | | 2 | 115 | 8,708 | 2 | 0 | 2 | 124 | 8,818 | 2 | 0 | 2 | 126 | 4,709 | 1 | 0 | 2 | 69 | |
| TFTM | 8,257 | 2 | 0 | | | | | 2 | 118 | 8,896 | 2 | 0 | 2 | 127 | 9,008 | 2 | 0 | 2 | 129 | 4,638 | 1 | 0 | 2 | 68 | |
| TSVS | 8,588 | 3 | 0 | | | | | 0 | 123 | 9,252 | 3 | 0 | 0 | 132 | 9,369 | 3 | 0 | 0 | 134 | 4,922 | 2 | 0 | 0 | 72 | |
| TSS | 8,595 | 3 | 0 | | | | | 1 | 123 | 9,259 | 3 | 0 | 1 | 132 | 9,376 | 3 | 0 | 1 | 134 | 4,863 | 2 | 0 | 0 | 72 | |
| T5M | 8,573 | 3 | 0 | | | | | 2 | 122 | 9,236 | 3 | 0 | 2 | 132 | 9,353 | 3 | 0 | 2 | 134 | 4,924 | 3 | 0 | 1 | 72 | |
| T5W | 8,517 | 3 | 0 | | | | | 2 | 122 | 9,175 | 4 | 0 | 2 | 131 | 9,291 | 4 | 0 | 2 | 133 | 4,787 | 3 | 0 | 1 | 70 | |
| BLC | 6,770 | 1 | 0 | | | | | 2 | 97 | 7,293 | 1 | 0 | 2 | 104 | 7,386 | 1 | 0 | 2 | 106 | | | | | | |
| LCCO | 5,038 | 1 | 0 | | | | | 2 | 72 | 5,427 | 1 | 0 | 2 | 78 | 5,496 | 1 | 0 | 2 | 79 | | | | | | |
| RCCO | 5,038 | 1 | 0 | | | | | 2 | 72 | 5,427 | 1 | 0 | 2 | 78 | 5,496 | 1 | 0 | 2 | 79 | | | | | | |
| 30 | 1050 | P3 | 102W | | | | | T1S | 11,661 | 2 | 0 | 2 | 114 | 12,562 | 3 | 0 | 3 | 123 | 12,721 | 3 | 0 | 3 | 125 | | |
| | | | | T2S | 11,648 | 2 | 0 | 2 | 114 | 12,548 | 3 | 0 | 3 | 123 | 12,707 | 3 | 0 | 3 | 125 | | | | | | |
| | | | | T2M | 11,708 | 2 | 0 | 2 | 115 | 12,613 | 2 | 0 | 2 | 124 | 12,773 | 2 | 0 | 2 | 125 | | | | | | |
| | | | | T3S | 11,339 | 2 | 0 | 2 | 111 | 12,215 | 3 | 0 | 3 | 120 | 12,370 | 3 | 0 | 3 | 121 | | | | | | |
| | | | | T3M | 11,680 | 2 | 0 | 2 | 115 | 12,582 | 2 | 0 | 2 | 123 | 12,742 | 2 | 0 | 2 | 125 | | | | | | |
| | | | | T4M | 11,426 | 2 | 0 | 3 | 112 | 12,309 | 2 | 0 | 3 | 121 | 12,465 | 2 | 0 | 3 | 122 | | | | | | |
| | | | | TFTM | 11,673 | 2 | 0 | 2 | 114 | 12,575 | 2 | 0 | 3 | 123 | 12,734 | 2 | 0 | 3 | 125 | | | | | | |
| | | | | TSVS | 12,140 | 3 | 0 | 1 | 119 | 13,078 | 3 | 0 | 1 | 128 | 13,244 | 3 | 0 | 1 | 130 | | | | | | |
| | | | | TSS | 12,150 | 3 | 0 | 1 | 119 | 13,089 | 3 | 0 | 1 | 128 | 13,254 | 3 | 0 | 1 | 130 | | | | | | |
| | | | | T5M | 12,119 | 4 | 0 | 2 | 119 | 13,056 | 4 | 0 | 2 | 128 | 13,221 | 4 | 0 | 2 | 130 | | | | | | |
| | | | | T5W | 12,040 | 4 | 0 | 3 | 118 | 12,970 | 4 | 0 | 3 | 127 | 13,134 | 4 | 0 | 3 | 129 | | | | | | |
| | | | | BLC | 9,570 | 1 | 0 | 2 | 94 | 10,310 | 1 | 0 | 2 | 101 | 10,440 | 1 | 0 | 2 | 102 | | | | | | |
| | | | | LCCO | 7,121 | 1 | 0 | 3 | 70 | 7,671 | 1 | 0 | 3 | 75 | 7,768 | 1 | 0 | 3 | 76 | | | | | | |
| | | | | RCCO | 7,121 | 1 | 0 | 3 | 70 | 7,671 | 1 | 0 | 3 | 75 | 7,768 | 1 | 0 | 3 | 76 | | | | | | |
| | | | | 30 | 1250 | P4 | 125W | T1S | 13,435 | 3 | 0 | 3 | 107 | 14,473 | 3 | 0 | 3 | 116 | 14,657 | 3 | 0 | 3 | 117 | | |
| T2S | 13,421 | 3 | 0 | | | | | 3 | 107 | 14,458 | 3 | 0 | 3 | 116 | 14,641 | 3 | 0 | 3 | 117 | | | | | | |
| T2M | 13,490 | 2 | 0 | | | | | 2 | 108 | 14,532 | 3 | 0 | 3 | 116 | 14,716 | 3 | 0 | 3 | 118 | | | | | | |
| T3S | 13,064 | 3 | 0 | | | | | 3 | 105 | 14,074 | 3 | 0 | 3 | 113 | 14,252 | 3 | 0 | 3 | 114 | | | | | | |
| T3M | 13,457 | 2 | 0 | | | | | 2 | 108 | 14,497 | 2 | 0 | 2 | 116 | 14,681 | 2 | 0 | 2 | 117 | | | | | | |
| T4M | 13,165 | 2 | 0 | | | | | 3 | 105 | 14,182 | 2 | 0 | 3 | 113 | 14,362 | 2 | 0 | 3 | 115 | | | | | | |
| TFTM | 13,449 | 2 | 0 | | | | | 3 | 108 | 14,488 | 2 | 0 | 3 | 116 | 14,672 | 2 | 0 | 3 | 117 | | | | | | |
| TSVS | 13,987 | 4 | 0 | | | | | 1 | 112 | 15,068 | 4 | 0 | 1 | 121 | 15,259 | 4 | 0 | 1 | 122 | | | | | | |
| TSS | 13,999 | 3 | 0 | | | | | 1 | 112 | 15,080 | 3 | 0 | 1 | 121 | 15,271 | 3 | 0 | 1 | 122 | | | | | | |
| T5M | 13,963 | 4 | 0 | | | | | 2 | 112 | 15,042 | 4 | 0 | 2 | 120 | 15,233 | 4 | 0 | 2 | 122 | | | | | | |
| T5W | 13,872 | 4 | 0 | | | | | 3 | 111 | 14,944 | 4 | 0 | 3 | 120 | 15,133 | 4 | 0 | 3 | 121 | | | | | | |
| BLC | 11,027 | 1 | 0 | | | | | 2 | 88 | 11,879 | 1 | 0 | 2 | 95 | 12,029 | 1 | 0 | 2 | 96 | | | | | | |
| LCCO | 8,205 | 1 | 0 | | | | | 3 | 66 | 8,839 | 1 | 0 | 3 | 71 | 8,951 | 1 | 0 | 3 | 72 | | | | | | |
| RCCO | 8,205 | 1 | 0 | | | | | 3 | 66 | 8,839 | 1 | 0 | 3 | 71 | 8,951 | 1 | 0 | 3 | 72 | | | | | | |
| 30 | 1400 | P5 | 138W | | | | | T1S | 14,679 | 3 | 0 | 3 | 106 | 15,814 | 3 | 0 | 3 | 115 | 16,014 | 3 | 0 | 3 | 116 | | |
| | | | | T2S | 14,664 | 3 | 0 | 3 | 106 | 15,797 | 3 | 0 | 3 | 114 | 15,997 | 3 | 0 | 3 | 116 | | | | | | |
| | | | | T2M | 14,739 | 3 | 0 | 3 | 107 | 15,878 | 3 | 0 | 3 | 115 | 16,079 | 3 | 0 | 3 | 117 | | | | | | |
| | | | | T3S | 14,274 | 3 | 0 | 3 | 103 | 15,377 | 3 | 0 | 3 | 111 | 15,572 | 3 | 0 | 3 | 113 | | | | | | |
| | | | | T3M | 14,704 | 2 | 0 | 3 | 107 | 15,840 | 3 | 0 | 3 | 115 | 16,040 | 3 | 0 | 3 | 116 | | | | | | |
| | | | | T4M | 14,384 | 2 | 0 | 3 | 104 | 15,496 | 3 | 0 | 3 | 112 | 15,692 | 3 | 0 | 3 | 114 | | | | | | |
| | | | | TFTM | 14,695 | 2 | 0 | 3 | 106 | 15,830 | 3 | 0 | 3 | 115 | 16,030 | 3 | 0 | 3 | 116 | | | | | | |
| | | | | TSVS | 15,283 | 4 | 0 | 1 | 111 | 16,464 | 4 | 0 | 1 | 119 | 16,672 | 4 | 0 | 1 | 121 | | | | | | |
| | | | | TSS | 15,295 | 3 | 0 | 1 | 111 | 16,477 | 4 | 0 | 1 | 119 | 16,686 | 4 | 0 | 1 | 121 | | | | | | |
| | | | | T5M | 15,257 | 4 | 0 | 2 | 111 | 16,435 | 4 | 0 | 2 | 119 | 16,644 | 4 | 0 | 2 | 121 | | | | | | |
| | | | | T5W | 15,157 | 4 | 0 | 3 | 110 | 16,328 | 4 | 0 | 3 | 118 | 16,534 | 4 | 0 | 3 | 120 | | | | | | |
| | | | | BLC | 12,048 | 1 | 0 | 2 | 87 | 12,979 | 1 | 0 | 2 | 94 | 13,143 | 1 | 0 | 2 | 95 | | | | | | |
| | | | | LCCO | 8,965 | 1 | 0 | 3 | 65 | 9,657 | 1 | 0 | 3 | 70 | 9,780 | 1 | 0 | 3 | 71 | | | | | | |
| | | | | | | | | | 8,965 | 1 | 0 | 3 | 65 | 9,657 | 1 | 0 | 3 | 70 | 9,780 | 1 | 0 | 3 | 71 | | |

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

| Forward Optics | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------|---------------|--------------|------------|----------------------|----|------|-----|--------|----------------------|---|---|-----|--------|----------------------|---|---|-----|--------|----------------------------------|---|---|-----|-----|--|--|--|
| LED Count | Drive Current | Power Package | System Watts | Dist. Type | 30K (3000 K, 70 CRI) | | | | | 40K (4000 K, 70 CRI) | | | | | 50K (5000 K, 70 CRI) | | | | | AMBPC (Amber Phosphor Converted) | | | | | | | |
| | | | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lu-mens | B | U | G | LPW | | | |
| 40 | 1250 | P6 | 163W | T1S | 17,654 | 3 | 0 | 3 | 108 | 19,018 | 3 | 0 | 3 | 117 | 19,259 | 3 | 0 | 3 | 118 | | | | | | | | |
| | | | | T2S | 17,635 | 3 | 0 | 3 | 108 | 18,998 | 3 | 0 | 3 | 117 | 19,238 | 3 | 0 | 3 | 118 | | | | | | | | |
| | | | | T2M | 17,726 | 3 | 0 | 3 | 109 | 19,096 | 3 | 0 | 3 | 117 | 19,337 | 3 | 0 | 3 | 119 | | | | | | | | |
| | | | | T3S | 17,167 | 3 | 0 | 3 | 105 | 18,493 | 3 | 0 | 3 | 113 | 18,727 | 3 | 0 | 3 | 115 | | | | | | | | |
| | | | | T3M | 17,683 | 3 | 0 | 3 | 108 | 19,049 | 3 | 0 | 3 | 117 | 19,290 | 3 | 0 | 3 | 118 | | | | | | | | |
| | | | | T4M | 17,299 | 3 | 0 | 3 | 106 | 18,635 | 3 | 0 | 4 | 114 | 18,871 | 3 | 0 | 4 | 116 | | | | | | | | |
| | | | | TFTM | 17,672 | 3 | 0 | 3 | 108 | 19,038 | 3 | 0 | 4 | 117 | 19,279 | 3 | 0 | 4 | 118 | | | | | | | | |
| | | | | TSVS | 18,379 | 4 | 0 | 1 | 113 | 19,800 | 4 | 0 | 1 | 121 | 20,050 | 4 | 0 | 1 | 123 | | | | | | | | |
| | | | | T5S | 18,394 | 4 | 0 | 2 | 113 | 19,816 | 4 | 0 | 2 | 122 | 20,066 | 4 | 0 | 2 | 123 | | | | | | | | |
| | | | | T5M | 18,348 | 4 | 0 | 2 | 113 | 19,766 | 4 | 0 | 2 | 121 | 20,016 | 4 | 0 | 2 | 123 | | | | | | | | |
| | | | | T5W | 18,228 | 5 | 0 | 3 | 112 | 19,636 | 5 | 0 | 3 | 120 | 19,885 | 5 | 0 | 3 | 122 | | | | | | | | |
| | | | | BLC | 14,489 | 2 | 0 | 2 | 89 | 15,609 | 2 | 0 | 3 | 96 | 15,806 | 2 | 0 | 3 | 97 | | | | | | | | |
| | | | | LCCO | 10,781 | 1 | 0 | 3 | 66 | 11,614 | 1 | 0 | 3 | 71 | 11,761 | 2 | 0 | 3 | 72 | | | | | | | | |
| | | | | RCCO | 10,781 | 1 | 0 | 3 | 66 | 11,614 | 1 | 0 | 3 | 71 | 11,761 | 2 | 0 | 3 | 72 | | | | | | | | |
| | | | | 40 | 1400 | P7 | 183W | T1S | 19,227 | 3 | 0 | 3 | 105 | 20,712 | 3 | 0 | 3 | 113 | 20,975 | 3 | 0 | 3 | 115 | | | | |
| T2S | 19,206 | 3 | 0 | | | | | 3 | 105 | 20,690 | 3 | 0 | 3 | 113 | 20,952 | 3 | 0 | 3 | 114 | | | | | | | | |
| T2M | 19,305 | 3 | 0 | | | | | 3 | 105 | 20,797 | 3 | 0 | 3 | 114 | 21,060 | 3 | 0 | 3 | 115 | | | | | | | | |
| T3S | 18,696 | 3 | 0 | | | | | 3 | 102 | 20,141 | 3 | 0 | 3 | 110 | 20,396 | 3 | 0 | 4 | 111 | | | | | | | | |
| T3M | 19,258 | 3 | 0 | | | | | 3 | 105 | 20,746 | 3 | 0 | 3 | 113 | 21,009 | 3 | 0 | 3 | 115 | | | | | | | | |
| T4M | 18,840 | 3 | 0 | | | | | 4 | 103 | 20,296 | 3 | 0 | 4 | 111 | 20,553 | 3 | 0 | 4 | 112 | | | | | | | | |
| TFTM | 19,246 | 3 | 0 | | | | | 4 | 105 | 20,734 | 3 | 0 | 4 | 113 | 20,996 | 3 | 0 | 4 | 115 | | | | | | | | |
| TSVS | 20,017 | 4 | 0 | | | | | 1 | 109 | 21,564 | 4 | 0 | 1 | 118 | 21,837 | 4 | 0 | 1 | 119 | | | | | | | | |
| T5S | 20,033 | 4 | 0 | | | | | 2 | 109 | 21,581 | 4 | 0 | 2 | 118 | 21,854 | 4 | 0 | 2 | 119 | | | | | | | | |
| T5M | 19,983 | 4 | 0 | | | | | 2 | 109 | 21,527 | 5 | 0 | 3 | 118 | 21,799 | 5 | 0 | 3 | 119 | | | | | | | | |
| T5W | 19,852 | 5 | 0 | | | | | 3 | 108 | 21,386 | 5 | 0 | 3 | 117 | 21,656 | 5 | 0 | 3 | 118 | | | | | | | | |
| BLC | 15,780 | 2 | 0 | | | | | 3 | 86 | 16,999 | 2 | 0 | 3 | 93 | 17,214 | 2 | 0 | 3 | 94 | | | | | | | | |
| LCCO | 11,742 | 2 | 0 | | | | | 3 | 64 | 12,649 | 2 | 0 | 3 | 69 | 12,809 | 2 | 0 | 3 | 70 | | | | | | | | |
| RCCO | 11,742 | 2 | 0 | | | | | 3 | 64 | 12,649 | 2 | 0 | 3 | 69 | 12,809 | 2 | 0 | 3 | 70 | | | | | | | | |
| 60 | 1050 | P8 | 207W | | | | | T1S | 22,490 | 3 | 0 | 3 | 109 | 24,228 | 3 | 0 | 3 | 117 | 24,535 | 3 | 0 | 3 | 119 | | | | |
| | | | | T2S | 22,466 | 3 | 0 | 4 | 109 | 24,202 | 3 | 0 | 4 | 117 | 24,509 | 3 | 0 | 4 | 118 | | | | | | | | |
| | | | | T2M | 22,582 | 3 | 0 | 3 | 109 | 24,327 | 3 | 0 | 3 | 118 | 24,635 | 3 | 0 | 3 | 119 | | | | | | | | |
| | | | | T3S | 21,870 | 3 | 0 | 4 | 106 | 23,560 | 3 | 0 | 4 | 114 | 23,858 | 3 | 0 | 4 | 115 | | | | | | | | |
| | | | | T3M | 22,527 | 3 | 0 | 4 | 109 | 24,268 | 3 | 0 | 4 | 117 | 24,575 | 3 | 0 | 4 | 119 | | | | | | | | |
| | | | | T4M | 22,038 | 3 | 0 | 4 | 106 | 23,741 | 3 | 0 | 4 | 115 | 24,041 | 3 | 0 | 4 | 116 | | | | | | | | |
| | | | | TFTM | 22,513 | 3 | 0 | 4 | 109 | 24,253 | 3 | 0 | 4 | 117 | 24,560 | 3 | 0 | 4 | 119 | | | | | | | | |
| | | | | TSVS | 23,415 | 5 | 0 | 1 | 113 | 25,224 | 5 | 0 | 1 | 122 | 25,543 | 5 | 0 | 1 | 123 | | | | | | | | |
| | | | | T5S | 23,434 | 4 | 0 | 2 | 113 | 25,244 | 4 | 0 | 2 | 122 | 25,564 | 4 | 0 | 2 | 123 | | | | | | | | |
| | | | | T5M | 23,374 | 5 | 0 | 3 | 113 | 25,181 | 5 | 0 | 3 | 122 | 25,499 | 5 | 0 | 3 | 123 | | | | | | | | |
| | | | | T5W | 23,221 | 5 | 0 | 4 | 112 | 25,016 | 5 | 0 | 4 | 121 | 25,332 | 5 | 0 | 4 | 122 | | | | | | | | |
| | | | | BLC | 18,458 | 2 | 0 | 3 | 89 | 19,885 | 2 | 0 | 3 | 96 | 20,136 | 2 | 0 | 3 | 97 | | | | | | | | |
| | | | | LCCO | 13,735 | 2 | 0 | 3 | 66 | 14,796 | 2 | 0 | 4 | 71 | 14,983 | 2 | 0 | 4 | 72 | | | | | | | | |
| | | | | RCCO | 13,735 | 2 | 0 | 3 | 66 | 14,796 | 2 | 0 | 4 | 71 | 14,983 | 2 | 0 | 4 | 72 | | | | | | | | |
| | | | | 60 | 1250 | P9 | 241W | T1S | 25,575 | 3 | 0 | 3 | 106 | 27,551 | 3 | 0 | 3 | 114 | 27,900 | 3 | 0 | 3 | 116 | | | | |
| T2S | 25,548 | 3 | 0 | | | | | 4 | 106 | 27,522 | 3 | 0 | 4 | 114 | 27,871 | 3 | 0 | 4 | 116 | | | | | | | | |
| T2M | 25,680 | 3 | 0 | | | | | 3 | 107 | 27,664 | 3 | 0 | 3 | 115 | 28,014 | 3 | 0 | 3 | 116 | | | | | | | | |
| T3S | 24,870 | 3 | 0 | | | | | 4 | 103 | 26,791 | 3 | 0 | 4 | 111 | 27,130 | 3 | 0 | 4 | 113 | | | | | | | | |
| T3M | 25,617 | 3 | 0 | | | | | 4 | 106 | 27,597 | 3 | 0 | 4 | 115 | 27,946 | 3 | 0 | 4 | 116 | | | | | | | | |
| T4M | 25,061 | 3 | 0 | | | | | 4 | 104 | 26,997 | 3 | 0 | 4 | 112 | 27,339 | 3 | 0 | 4 | 113 | | | | | | | | |
| TFTM | 25,602 | 3 | 0 | | | | | 4 | 106 | 27,580 | 3 | 0 | 4 | 114 | 27,929 | 3 | 0 | 4 | 116 | | | | | | | | |
| TSVS | 26,626 | 5 | 0 | | | | | 1 | 110 | 28,684 | 5 | 0 | 1 | 119 | 29,047 | 5 | 0 | 1 | 121 | | | | | | | | |
| T5S | 26,648 | 4 | 0 | | | | | 2 | 111 | 28,707 | 5 | 0 | 2 | 119 | 29,070 | 5 | 0 | 2 | 121 | | | | | | | | |
| T5M | 26,581 | 5 | 0 | | | | | 3 | 110 | 28,635 | 5 | 0 | 3 | 119 | 28,997 | 5 | 0 | 3 | 120 | | | | | | | | |
| T5W | 26,406 | 5 | 0 | | | | | 4 | 110 | 28,447 | 5 | 0 | 4 | 118 | 28,807 | 5 | 0 | 4 | 120 | | | | | | | | |
| BLC | 20,990 | 2 | 0 | | | | | 3 | 87 | 22,612 | 2 | 0 | 3 | 94 | 22,898 | 2 | 0 | 3 | 95 | | | | | | | | |
| LCCO | 15,619 | 2 | 0 | | | | | 4 | 65 | 16,825 | 2 | 0 | 4 | 70 | 17,038 | 2 | 0 | 4 | 71 | | | | | | | | |
| | | | | | | | | | 15,619 | 2 | 0 | 4 | 65 | 16,825 | 2 | 0 | 4 | 70 | 17,038 | 2 | 0 | 4 | 71 | | | | |

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

| Rotated Optics | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------|---------------|--------------|------------|----------------------|---|---|---|--------|----------------------|---|---|----|--------|----------------------|---|---|----|--------|----------------------------------|---|---|----|-----|
| LED Count | Drive Current | Power Package | System Watts | Dist. Type | 30K (3000 K, 70 CRI) | | | | | 40K (4000 K, 70 CRI) | | | | | 50K (5000 K, 70 CRI) | | | | | AMBPC (Amber Phosphor Converted) | | | | |
| | | | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW |
| 60 | 530 | P10 | 106W | T1S | 13,042 | 3 | 0 | 3 | 123 | 14,050 | 3 | 0 | 3 | 133 | 14,228 | 3 | 0 | 3 | 134 | 7,167 | 2 | 0 | 2 | 72 |
| | | | | T2S | 12,967 | 4 | 0 | 4 | 122 | 13,969 | 4 | 0 | 4 | 132 | 14,146 | 4 | 0 | 4 | 133 | 7,507 | 2 | 0 | 2 | 76 |
| | | | | T2M | 13,201 | 3 | 0 | 3 | 125 | 14,221 | 3 | 0 | 3 | 134 | 14,401 | 3 | 0 | 3 | 136 | 7,263 | 2 | 0 | 2 | 73 |
| | | | | T3S | 12,766 | 4 | 0 | 4 | 120 | 13,752 | 4 | 0 | 4 | 130 | 13,926 | 4 | 0 | 4 | 131 | 7,424 | 2 | 0 | 2 | 75 |
| | | | | T3M | 13,193 | 4 | 0 | 4 | 124 | 14,213 | 4 | 0 | 4 | 134 | 14,393 | 4 | 0 | 4 | 136 | 7,387 | 2 | 0 | 2 | 75 |
| | | | | T4M | 12,944 | 4 | 0 | 4 | 122 | 13,945 | 4 | 0 | 4 | 132 | 14,121 | 4 | 0 | 4 | 133 | 7,400 | 2 | 0 | 2 | 75 |
| | | | | TFTM | 13,279 | 4 | 0 | 4 | 125 | 14,305 | 4 | 0 | 4 | 135 | 14,486 | 4 | 0 | 4 | 137 | 7,288 | 1 | 0 | 2 | 74 |
| | | | | TSVS | 13,372 | 3 | 0 | 1 | 126 | 14,405 | 4 | 0 | 1 | 136 | 14,588 | 4 | 0 | 1 | 138 | 7,734 | 3 | 0 | 1 | 78 |
| | | | | TSS | 13,260 | 3 | 0 | 1 | 125 | 14,284 | 3 | 0 | 1 | 135 | 14,465 | 3 | 0 | 1 | 136 | 7,641 | 3 | 0 | 0 | 77 |
| | | | | TSM | 13,256 | 4 | 0 | 2 | 125 | 14,281 | 4 | 0 | 2 | 135 | 14,462 | 4 | 0 | 2 | 136 | 7,737 | 3 | 0 | 2 | 78 |
| | | | | TSW | 13,137 | 4 | 0 | 3 | 124 | 14,153 | 4 | 0 | 3 | 134 | 14,332 | 4 | 0 | 3 | 135 | 7,522 | 3 | 0 | 2 | 76 |
| | | | | BLC | 10,906 | 3 | 0 | 3 | 103 | 11,749 | 3 | 0 | 3 | 111 | 11,898 | 3 | 0 | 3 | 112 | | | | | |
| | | | | LCCO | 7,789 | 1 | 0 | 3 | 73 | 8,391 | 1 | 0 | 3 | 79 | 8,497 | 1 | 0 | 3 | 80 | | | | | |
| | | | | RCCO | 7,779 | 4 | 0 | 4 | 73 | 8,380 | 4 | 0 | 4 | 79 | 8,486 | 4 | 0 | 4 | 80 | | | | | |
| 60 | 700 | P11 | 137W | T1S | 16,556 | 3 | 0 | 3 | 121 | 17,835 | 3 | 0 | 3 | 130 | 18,061 | 4 | 0 | 4 | 132 | 8,952 | 2 | 0 | 2 | 68 |
| | | | | T2S | 16,461 | 4 | 0 | 4 | 120 | 17,733 | 4 | 0 | 4 | 129 | 17,957 | 4 | 0 | 4 | 131 | 9,377 | 2 | 0 | 2 | 72 |
| | | | | T2M | 16,758 | 4 | 0 | 4 | 122 | 18,053 | 4 | 0 | 4 | 132 | 18,281 | 4 | 0 | 4 | 133 | 9,072 | 2 | 0 | 2 | 69 |
| | | | | T3S | 16,205 | 4 | 0 | 4 | 118 | 17,457 | 4 | 0 | 4 | 127 | 17,678 | 4 | 0 | 4 | 129 | 9,273 | 2 | 0 | 2 | 71 |
| | | | | T3M | 16,748 | 4 | 0 | 4 | 122 | 18,042 | 4 | 0 | 4 | 132 | 18,271 | 4 | 0 | 4 | 133 | 9,227 | 2 | 0 | 2 | 70 |
| | | | | T4M | 16,432 | 4 | 0 | 4 | 120 | 17,702 | 4 | 0 | 4 | 129 | 17,926 | 4 | 0 | 4 | 131 | 9,243 | 2 | 0 | 2 | 71 |
| | | | | TFTM | 16,857 | 4 | 0 | 4 | 123 | 18,159 | 4 | 0 | 4 | 133 | 18,389 | 4 | 0 | 4 | 134 | 9,103 | 2 | 0 | 2 | 69 |
| | | | | TSVS | 16,975 | 4 | 0 | 1 | 124 | 18,287 | 4 | 0 | 1 | 133 | 18,518 | 4 | 0 | 1 | 135 | 9,661 | 3 | 0 | 1 | 74 |
| | | | | TSS | 16,832 | 4 | 0 | 1 | 123 | 18,133 | 4 | 0 | 2 | 132 | 18,362 | 4 | 0 | 2 | 134 | 9,544 | 3 | 0 | 1 | 73 |
| | | | | TSM | 16,828 | 4 | 0 | 2 | 123 | 18,128 | 4 | 0 | 2 | 132 | 18,358 | 4 | 0 | 2 | 134 | 9,665 | 3 | 0 | 2 | 74 |
| | | | | TSW | 16,677 | 4 | 0 | 3 | 122 | 17,966 | 5 | 0 | 3 | 131 | 18,193 | 5 | 0 | 3 | 133 | 9,395 | 4 | 0 | 2 | 72 |
| | | | | BLC | 13,845 | 3 | 0 | 3 | 101 | 14,915 | 3 | 0 | 3 | 109 | 15,103 | 3 | 0 | 3 | 110 | | | | | |
| | | | | LCCO | 9,888 | 1 | 0 | 3 | 72 | 10,652 | 2 | 0 | 3 | 78 | 10,787 | 2 | 0 | 3 | 79 | | | | | |
| | | | | RCCO | 9,875 | 4 | 0 | 4 | 72 | 10,638 | 4 | 0 | 4 | 78 | 10,773 | 4 | 0 | 4 | 79 | | | | | |
| 60 | 1050 | P12 | 207W | T1S | 22,996 | 4 | 0 | 4 | 111 | 24,773 | 4 | 0 | 4 | 120 | 25,087 | 4 | 0 | 4 | 121 | | | | | |
| | | | | T2S | 22,864 | 4 | 0 | 4 | 110 | 24,631 | 5 | 0 | 5 | 119 | 24,943 | 5 | 0 | 5 | 120 | | | | | |
| | | | | T2M | 23,277 | 4 | 0 | 4 | 112 | 25,075 | 4 | 0 | 4 | 121 | 25,393 | 4 | 0 | 4 | 123 | | | | | |
| | | | | T3S | 22,509 | 4 | 0 | 4 | 109 | 24,248 | 5 | 0 | 5 | 117 | 24,555 | 5 | 0 | 5 | 119 | | | | | |
| | | | | T3M | 23,263 | 4 | 0 | 4 | 112 | 25,061 | 4 | 0 | 4 | 121 | 25,378 | 4 | 0 | 4 | 123 | | | | | |
| | | | | T4M | 22,824 | 5 | 0 | 5 | 110 | 24,588 | 5 | 0 | 5 | 119 | 24,899 | 5 | 0 | 5 | 120 | | | | | |
| | | | | TFTM | 23,414 | 5 | 0 | 5 | 113 | 25,223 | 5 | 0 | 5 | 122 | 25,543 | 5 | 0 | 5 | 123 | | | | | |
| | | | | TSVS | 23,579 | 5 | 0 | 1 | 114 | 25,401 | 5 | 0 | 1 | 123 | 25,722 | 5 | 0 | 1 | 124 | | | | | |
| | | | | TSS | 23,380 | 4 | 0 | 2 | 113 | 25,187 | 4 | 0 | 2 | 122 | 25,506 | 4 | 0 | 2 | 123 | | | | | |
| | | | | TSM | 23,374 | 5 | 0 | 3 | 113 | 25,181 | 5 | 0 | 3 | 122 | 25,499 | 5 | 0 | 3 | 123 | | | | | |
| | | | | TSW | 23,165 | 5 | 0 | 4 | 112 | 24,955 | 5 | 0 | 4 | 121 | 25,271 | 5 | 0 | 4 | 122 | | | | | |
| | | | | BLC | 19,231 | 4 | 0 | 4 | 93 | 20,717 | 4 | 0 | 4 | 100 | 20,979 | 4 | 0 | 4 | 101 | | | | | |
| | | | | LCCO | 13,734 | 2 | 0 | 3 | 66 | 14,796 | 2 | 0 | 4 | 71 | 14,983 | 2 | 0 | 4 | 72 | | | | | |
| | | | | RCCO | 13,716 | 4 | 0 | 4 | 66 | 14,776 | 4 | 0 | 4 | 71 | 14,963 | 4 | 0 | 4 | 72 | | | | | |
| 60 | 1250 | P13 | 231W | T1S | 25,400 | 4 | 0 | 4 | 110 | 27,363 | 4 | 0 | 4 | 118 | 27,709 | 4 | 0 | 4 | 120 | | | | | |
| | | | | T2S | 25,254 | 5 | 0 | 5 | 109 | 27,205 | 5 | 0 | 5 | 118 | 27,550 | 5 | 0 | 5 | 119 | | | | | |
| | | | | T2M | 25,710 | 4 | 0 | 4 | 111 | 27,696 | 4 | 0 | 4 | 120 | 28,047 | 4 | 0 | 4 | 121 | | | | | |
| | | | | T3S | 24,862 | 5 | 0 | 5 | 108 | 26,783 | 5 | 0 | 5 | 116 | 27,122 | 5 | 0 | 5 | 117 | | | | | |
| | | | | T3M | 25,695 | 5 | 0 | 5 | 111 | 27,680 | 5 | 0 | 5 | 120 | 28,031 | 5 | 0 | 5 | 121 | | | | | |
| | | | | T4M | 25,210 | 5 | 0 | 5 | 109 | 27,158 | 5 | 0 | 5 | 118 | 27,502 | 5 | 0 | 5 | 119 | | | | | |
| | | | | TFTM | 25,861 | 5 | 0 | 5 | 112 | 27,860 | 5 | 0 | 5 | 121 | 28,212 | 5 | 0 | 5 | 122 | | | | | |
| | | | | TSVS | 26,043 | 5 | 0 | 1 | 113 | 28,056 | 5 | 0 | 1 | 121 | 28,411 | 5 | 0 | 1 | 123 | | | | | |
| | | | | TSS | 25,824 | 4 | 0 | 2 | 112 | 27,819 | 5 | 0 | 2 | 120 | 28,172 | 5 | 0 | 2 | 122 | | | | | |
| | | | | TSM | 25,818 | 5 | 0 | 3 | 112 | 27,813 | 5 | 0 | 3 | 120 | 28,165 | 5 | 0 | 3 | 122 | | | | | |
| | | | | TSW | 25,586 | 5 | 0 | 4 | 111 | 27,563 | 5 | 0 | 4 | 119 | 27,912 | 5 | 0 | 4 | 121 | | | | | |
| | | | | BLC | 21,241 | 4 | 0 | 4 | 92 | 22,882 | 4 | 0 | 4 | 99 | 23,172 | 4 | 0 | 4 | 100 | | | | | |
| | | | | LCCO | 15,170 | 2 | 0 | 4 | 66 | 16,342 | 2 | 0 | 4 | 71 | 16,549 | 2 | 0 | 4 | 72 | | | | | |
| | | | | | | | | | 15,150 | 5 | 0 | 5 | 66 | 16,321 | 5 | 0 | 5 | 71 | 16,527 | 5 | 0 | 5 | 72 | |

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1

electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

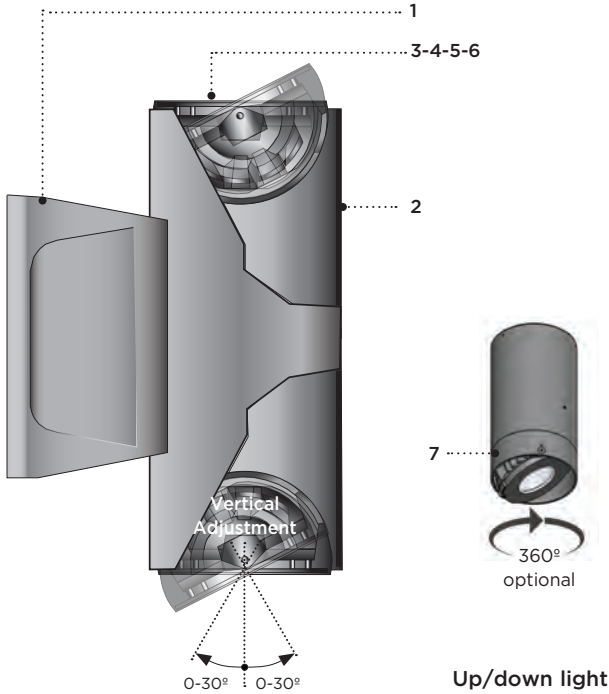
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE WATTAGE VOLTAGE FINISH OPTION OPTION OPTION OPTION



- 1- Cast aluminum driver housing. Includes galvanized steel wall mount pressure plate.
- 2- Seamless extruded aluminum cylindrical housing.
- 3- Fully sealed cast aluminum up/down light assembly.
- 4- Sealed cast aluminum lens frame.
- 5- Clear tempered glass lens.
- 6- Faceted specular aluminum reflector.
- 7- Optional 360° adjustable rotation.



All stainless steel hardware.

Syrios LED light module is designed with a tilting mechanism allowing forward and back light adjustability. The $\pm 30^\circ$ directional module allows to aim the light beam in the desired direction, without disturbing the luminaire mounting. The module can be secured using the built in locking mechanism. Fully adjustable 360° rotation also available, see option A360.

Other adjustment factory set positions are available. Please consult factory.

MATERIALS

Syrios LED is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

The main housing is made of seamless extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance.

Syrios LED is standard with a unique proprietary design allowing the sealed LED module to tilt within the cylindrical housing.

Syrios LED SY602 series is standard with 20° optics. See options section for alternate selection.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

LED Standard 4000K /80CRI. Optional 2700K, 3000K, 3500K and 5000K. Removable modular LED platform. Optional Amber LED for turtle sensitive areas. Wavelengths: 584.5nm to 597nm.

LIFE

60,000hrs $L_{85B_{50}}$ (based on IESNA TM-21 Test Method and LM-80 data).
130,000hrs $L_{70B_{50}}$ (calculated projection from LM-80 data).

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

MOUNTING

Maximum weight: 11.4lbs (5.2kg)

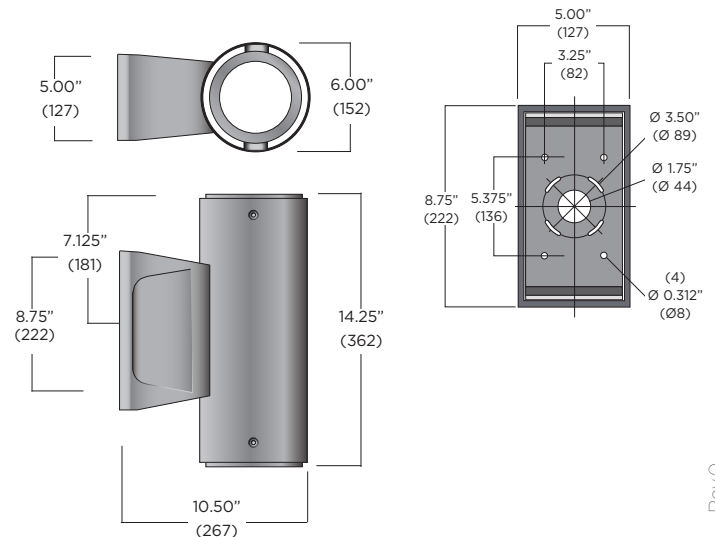
The mounting plate is designed to fit on a 4" (102) octagonal electrical box using 3 1/2" (89) C/C mounting holes.

Additional mounting holes are provided as per site requirements.

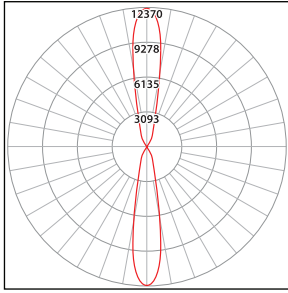
CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.

Rated IP66. CE Certification on request.



TYPICAL PHOTOMETRY SUMMARY

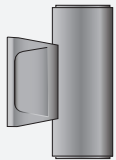


Descriptive Information

SY602-L2W28r0
 Total Lms: 5002 Lumens
 Total Input Watts: 59.18 W
 Source: LED
 Efficacy: 84.52 Lumens/Watt
 BUG: B3-U5-G0
 CCT/CRI: 4000K/80
 Maximum Candela: 12370 @ 0 deg

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

| MODEL# | LED LIGHT SELECTION | VOLTAGE | FINISH | | | | | | | | | | | | | | | | |
|---|---|------------------|------------------|-----------------------------------|--------|--------|---|-----|------|----|-------|----------------------------------|-----|------|----------------------------------|-----|------|---|---|
|  <input type="checkbox"/> SY602 | <table border="1"> <thead> <tr> <th>SUFFIX</th> <th>INPUT WATTS</th> <th>DELIVERED LUMENS</th> <th>CRI</th> <th>CCT °K</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> L2W12r1</td> <td>25W</td> <td>2153</td> <td rowspan="3">80</td> <td rowspan="3">4000K</td> </tr> <tr> <td><input type="checkbox"/> L2W18r1</td> <td>38W</td> <td>3188</td> </tr> <tr> <td><input type="checkbox"/> L2W28r0</td> <td>60W</td> <td>5002</td> </tr> </tbody> </table> | SUFFIX | INPUT WATTS | DELIVERED LUMENS | CRI | CCT °K | <input type="checkbox"/> L2W12r1 | 25W | 2153 | 80 | 4000K | <input type="checkbox"/> L2W18r1 | 38W | 3188 | <input type="checkbox"/> L2W28r0 | 60W | 5002 | <input type="checkbox"/> 120V <input type="checkbox"/> 277V Optional <input type="checkbox"/> 347V | STANDARD COLORS <input type="checkbox"/> WHT Snow white <input type="checkbox"/> BKT Jet black <input type="checkbox"/> BZT Bronze <input type="checkbox"/> MST Matte silver <input type="checkbox"/> GRT Titanium gray <input type="checkbox"/> DGT Gun metal <input type="checkbox"/> CHT Champagne (Refer to color chart) |
| | SUFFIX | INPUT WATTS | DELIVERED LUMENS | CRI | CCT °K | | | | | | | | | | | | | | |
| | <input type="checkbox"/> L2W12r1 | 25W | 2153 | 80 | 4000K | | | | | | | | | | | | | | |
| | <input type="checkbox"/> L2W18r1 | 38W | 3188 | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> L2W28r0 | 60W | 5002 | | | | | | | | | | | | | | | | | |
| AMBER LED LIGHT SELECTION <table border="1"> <thead> <tr> <th>SUFFIX</th> <th>INPUT WATTS</th> <th>DELIVERED LUMENS</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> L2W18K2A</td> <td>34W</td> <td>776</td> </tr> </tbody> </table> | SUFFIX | INPUT WATTS | DELIVERED LUMENS | <input type="checkbox"/> L2W18K2A | 34W | 776 | OPTIONAL COLORS <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color <input type="checkbox"/> SS6 #316 Stainless steel body | | | | | | | | | | | | |
| SUFFIX | INPUT WATTS | DELIVERED LUMENS | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> L2W18K2A | 34W | 776 | | | | | | | | | | | | | | | | | |

OPTIONS

ELECTRICAL

- FS** Fuse
- PH** Photocell
- 347L** Step down transformer for 347V input
- DS** Dual circuit switching (independent uplight & downlight control)
- MS** PIR Motion sensor (Device is located at bottom of luminaire wall box)

MOUNTING

- SWK** Adaptor box for surface 3/4" conduit feed (4 sides plus back entry)

ACCESSORIES

- HL** Hexcell louver
- SL** Solite lens

LIGHT & OPTICS

Alternate CCT °K LED (LCF: Lumen conversion factor)

- 2K27** 2700K CCT 80 CRI (LCF: 0.91)
- 2K3** 3000K CCT 80 CRI (LCF: 0.94)
- 2K35** 3500K CCT 80 CRI (LCF: 0.983)
- 2K5** 5000K CCT 80 CRI (LCF: 1.01)

NOTE: Other CCT & higher CRI available, please consult factory.

All options listed below must be selected independently for uplight & downlight. Add U (for uplight) and D (for downlight) to suffix. (i.e. R45U-R60D is 45° up and 60° down)

Alternate reflector optics (20° Standard reflector)

- R45** 45° flood optic
- R60** 60° wide flood optic
- LSL** Linear spread lens (Asymmetric lens distribution is achieved when light module is tilted)
- A360** 360° adjustable rotation
- RG** Regressed light module¹

NOTES

- 1- Cylindrical housing extended by 1.1" (27.9) per light module for increased cut-off.

LUMINIS®

OW1721 – SOUTHRIDGE™



Type: Project:

VisaLighting.com/products/Southridge

Fill in shaded boxes using information listed below

Order Code: **OW1721**
MODEL

A SOURCE

B VOLTAGE

C FINISH

D OPTION(S)



These luminaires accent facades with a halo effect at night and crisp color accents during the day.

A SOURCE (Select one) B VOLTAGE (Select one)

MVOLT fixture accepts 120 through 277 input voltage
LED sources are 83CRI, within 3-step MacAdam and are dimmable 0-10V to 1%

| LED Sources | CCT | Delivered Lumens | Power (Watts) | Voltage |
|-------------|-------|------------------|---------------|---------|
| • L30K-L | 3000K | 1400 | 31 | MVOLT |
| L35K-L | 3500K | 1500 | | |
| • L40K-L | 4000K | 1500 | | |
| • L30K-H | 3000K | 2200 | 50 | |
| L35K-H | 3500K | 2200 | | |
| • L40K-H | 4000K | 2300 | | |

C FINISHES (Select one Housing Finish)

See page 2 for color chart

Powder Coat Painted Finishes (Standard)

| | | | |
|--------------------------|-----------------------------|--------------------------|-----------------------------|
| AG7038 Agate Grey | CVBL Cove Blue | GW9002 Grey White | PB1035 Pearl Beige |
| BMAT Bronze Matte | CW9001 Cream | HTHR Heather | RUST Rust |
| BRNZ Bronze | GLIM Glimmer | JB9005 Jet Black | SUNG Sungold |
| BSIL Blade Silver | GSIL Graphite Silver | OBRZ Old Bronze | TW9016 Traffic White |

D OPTIONS (Multiple Selections Allowed)

⚠ Option availability may be interdependent with Voltage, Source or Other Options

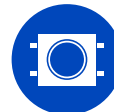
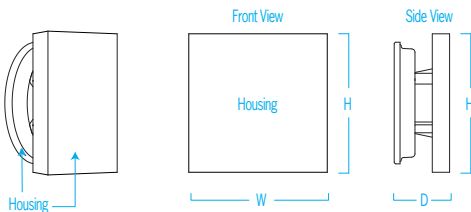
- BCS** Brightness control shield for steep viewing angle
- XPS** Express 10 day shipping. Items marked with a bullet (•) are not available with XPS

DIMENSIONS

Depth is measured from wall to front of fixture
Mounting Center is measured from top of fixture to center of junction box

W = Width H = Height D = Depth MC = Mounting Center

| | | |
|----|--------|----------|
| W | 14" | (356 mm) |
| H | 14" | (356 mm) |
| D | 5-5/8" | (143 mm) |
| MC | 7" | (178 mm) |



LED



XPS



ETL Listed

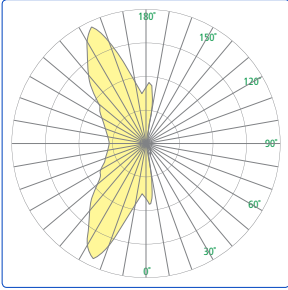


5 Year Warranty

OW1721 – SOUTHRIDGE



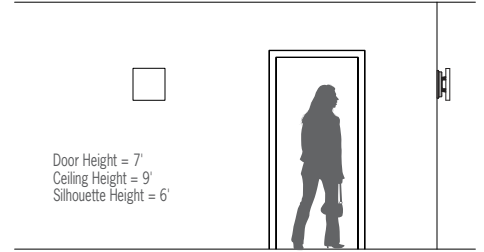
Photometrics



Technical Information

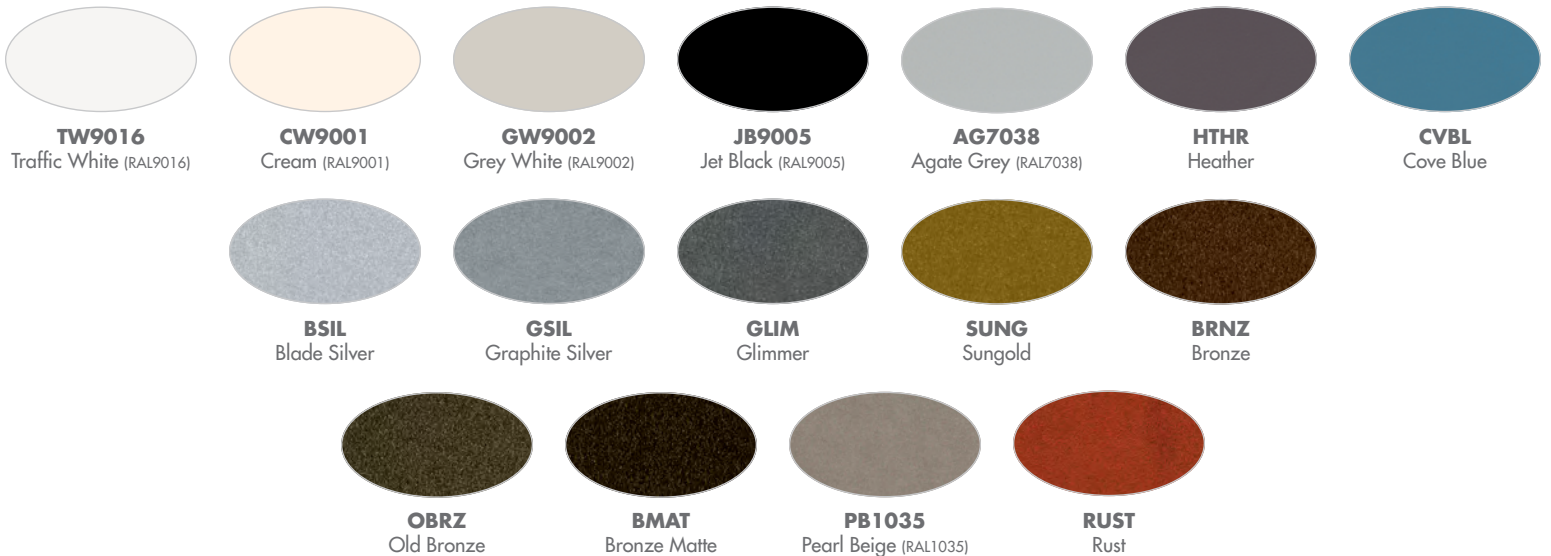
- Integral LED power supply
- Modular design for replacement of LED source and power supply
- Surface mount to standard electrical junction box (by others) with provided hardware
- Aluminum front shield features snap lock for easy tool-less servicing
- Aluminum, fully gasketed and sealed source chamber with clear tempered glass enclosure
- No VOC powder coat paint finish
- ETL listed for wet location mounting to 4' above grade

Relative Scale Drawing



Specify color code when ordering. For accurate color matching, individual paint and finish samples are [available upon request](#)
For additional information see VisaLighting.com/materials-finishes

Painted Finishes (Standard)



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