



# DEVELOPMENT APPLICATION

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

STAFF USE ONLY  
PLANNING AND ZONING CASE NO.

**NOTE:** THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

Please check the appropriate box below to indicate the type of development request [SELECT ONLY ONE BOX]:

### Platting Application Fees:

- Master Plat (\$100.00 + \$15.00 Acre)<sup>1</sup>
- Preliminary Plat (\$200.00 + \$15.00 Acre)<sup>1</sup>
- Final Plat (\$300.00 + \$20.00 Acre)<sup>1</sup>
- Replat (\$300.00 + \$20.00 Acre)<sup>1</sup>
- Amending or Minor Plat (\$150.00)
- Plat Reinstatement Request (\$100.00)

### Site Plan Application Fees:

- Site Plan (\$250.00 + \$20.00 Acre)<sup>1</sup>
- Amended Site Plan/Elevations/Landscaping Plan (\$100.00)

### Zoning Application Fees:

- Zoning Change (\$200.00 + \$15.00 Acre)<sup>1</sup>
- Specific Use Permit (\$200.00 + \$15.00 Acre)<sup>1</sup>
- PD Development Plans (\$200.00 + \$15.00 Acre)<sup>1</sup>

### Other Application Fees:

- Tree Removal (\$75.00)
- Variance Request (\$100.00)

### Notes:

<sup>1</sup>: In determining the fee, please use the exact acreage when multiplying by the per acre amount. For requests on less than one acre, round up to one (1) acre.

## PROPERTY INFORMATION [PLEASE PRINT]

Address: LOT 1 BLOCK A

Subdivision: ELVIS CENTER ADDITION Lot 6 Block A

General Location: West side of Alpha Rd across from Beta Ct.

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

|                 |             |                 |                       |
|-----------------|-------------|-----------------|-----------------------|
| Current Zoning  | <u>L1</u>   | Current Use     | <u>Vacant</u>         |
| Proposed Zoning | <u>L1</u>   | Proposed Use    | <u>Medical office</u> |
| Acreage         | <u>0.70</u> | Lots [Current]  | <u>1</u>              |
|                 |             | Lots [Proposed] | <u>1</u>              |

**SITE PLANS AND PLATS:** By checking this box you acknowledge that due to the passage of HB3167 the City no longer has flexibility with regard to its approval process, and failure to address any of staff's comments by the date provided on the Development Calendar will result in the denial of your case.

## OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

|                                |                              |   |                               |
|--------------------------------|------------------------------|---|-------------------------------|
| <input type="checkbox"/> Owner | <u>Vats Akhil and Deepti</u> | <input checked="" type="checkbox"/> Applicant | <u>Mershawn Architects</u>    |
| Contact Person                 | <u>Adot Estate LLC</u>       | Contact Person                                | <u>Greg Wallis</u>            |
| Address                        | <u>482 Arcadia Way</u>       | Address                                       | <u>1520 E I-30</u>            |
| City, State & Zip              | <u>Rockwall, TX 75087</u>    | City, State & Zip                             | <u>Rockwall, TX 75087</u>     |
| Phone                          |                              | Phone   | <u>817-235-9253</u>           |
| E-Mail                         | <u>akhilvats@gmail.com</u>   | E-Mail  | <u>mershawncrch@gmail.com</u> |

## NOTARY VERIFICATION [REQUIRED]

Before me, the undersigned authority, on this day personally appeared Ankit Parmar [Owner] the undersigned, who stated the information on this application to be true and certified the following:

"I hereby certify that I am the owner for the purpose of this application; all information submitted herein is true and correct; and the application fee of \$ 270.00, to cover the cost of this application, has been paid to the City of Rockwall on this the 19 day of JUNE, 2020. By signing this application, I agree that the City of Rockwall (i.e. "City") is authorized and permitted to provide information contained within this application to the public. The City is also authorized and permitted to reproduce any copyrighted information submitted in conjunction with this application, if such reproduction is associated or in response to a request for public information."

Given under my hand and seal of office on this the 19th day of June, 2020.

Owner's Signature

Notary Public in and for the State of Texas



My Commission Expires

3-3-23



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| E-Mail                         | <u>akhilvats@gmail.com</u>   | E-Mail  | <u>mershawncrch@gmail.com</u> |

## NOTARY VERIFICATION [REQUIRED]

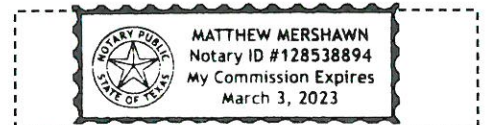
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Owner's Signature

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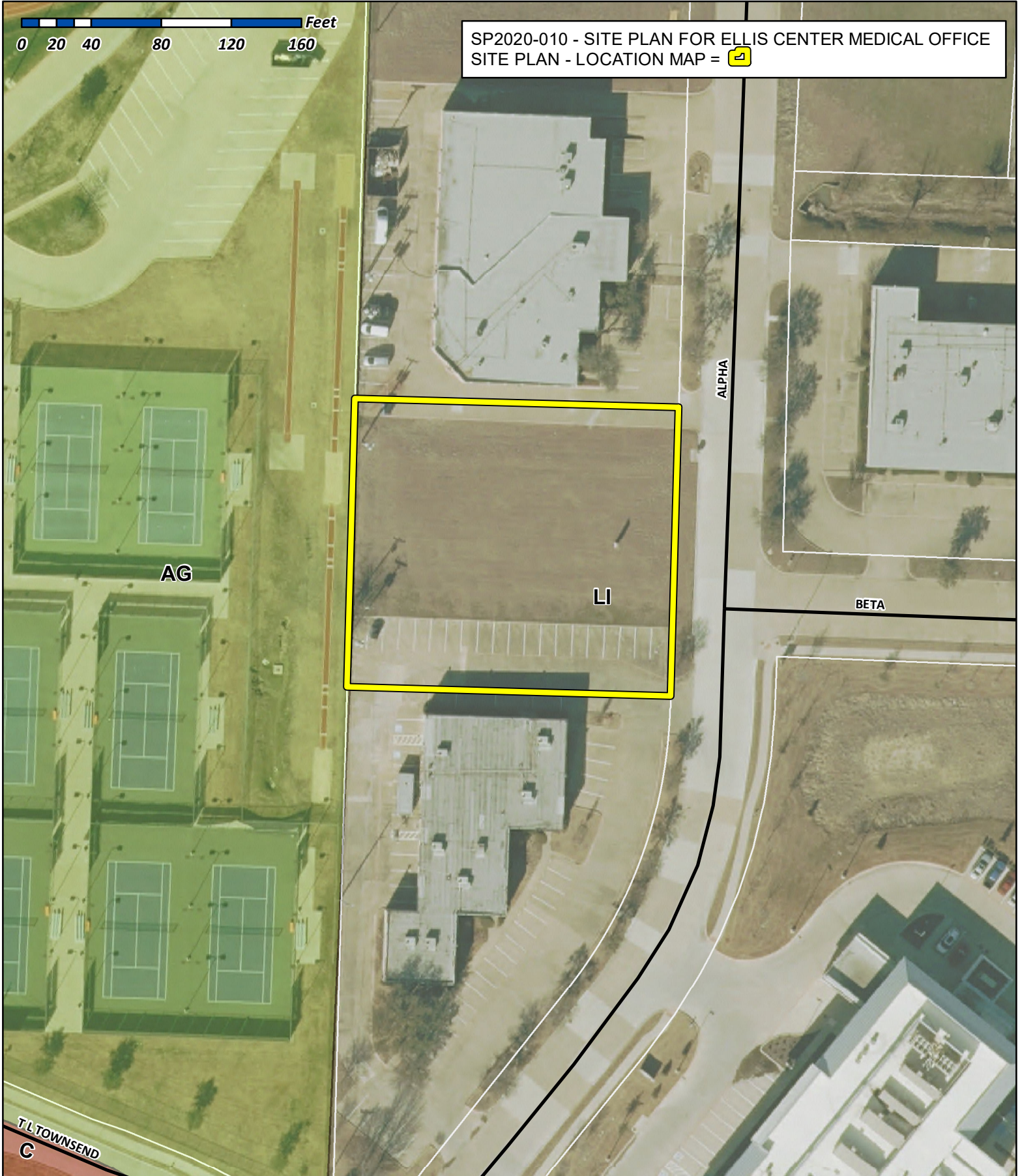


My Commission Expires

3-3-23

0 20 40 80 120 160 Feet

SP2020-010 - SITE PLAN FOR ELLIS CENTER MEDICAL OFFICE  
SITE PLAN - LOCATION MAP = 



## City of Rockwall

Planning & Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75032  
(P): (972) 771-7745  
(W): [www.rockwall.com](http://www.rockwall.com)

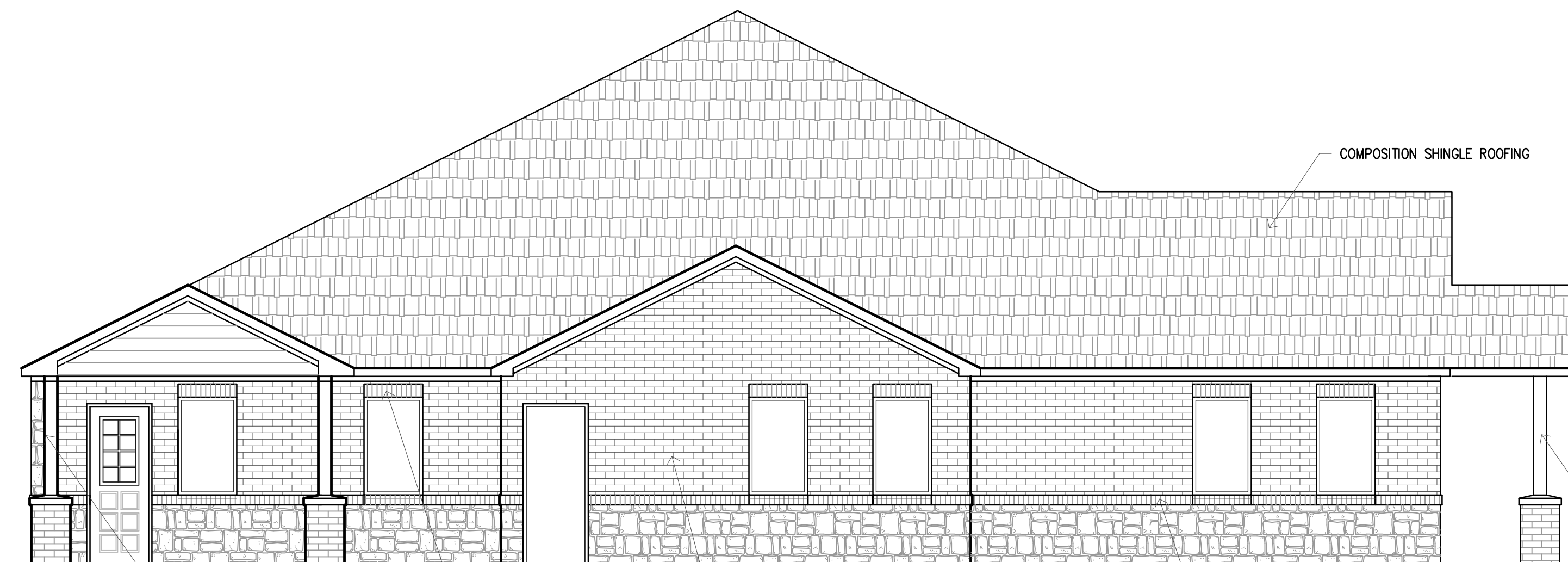
The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.



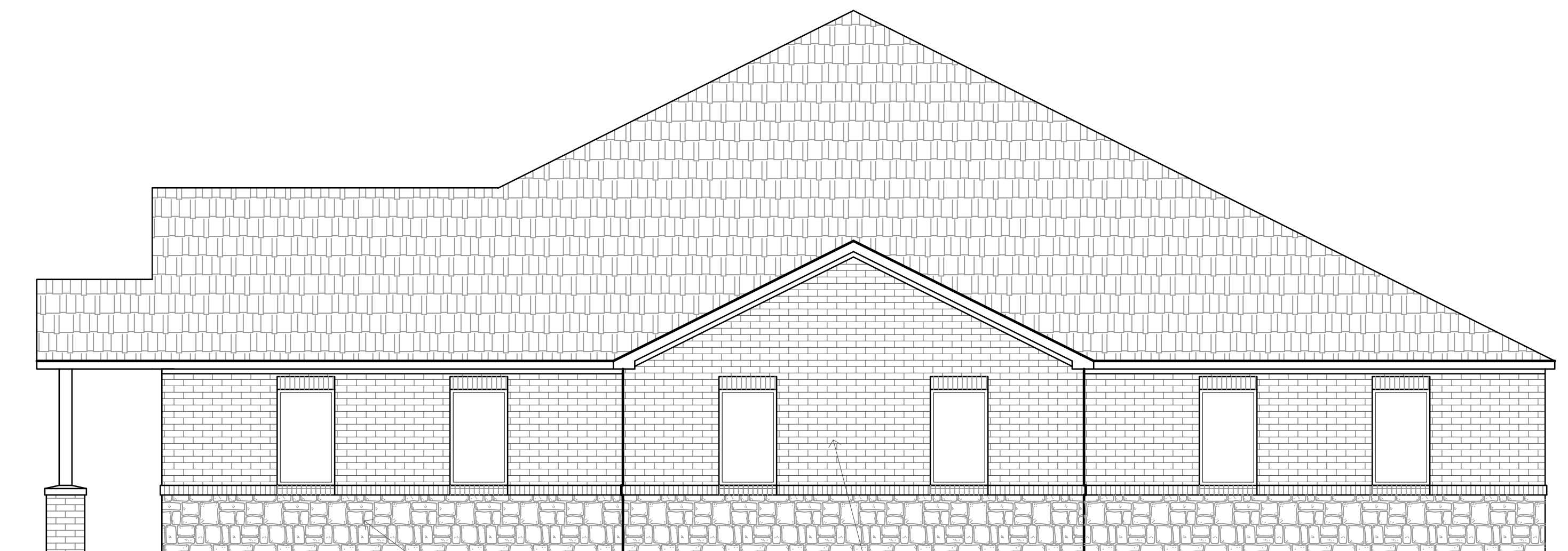




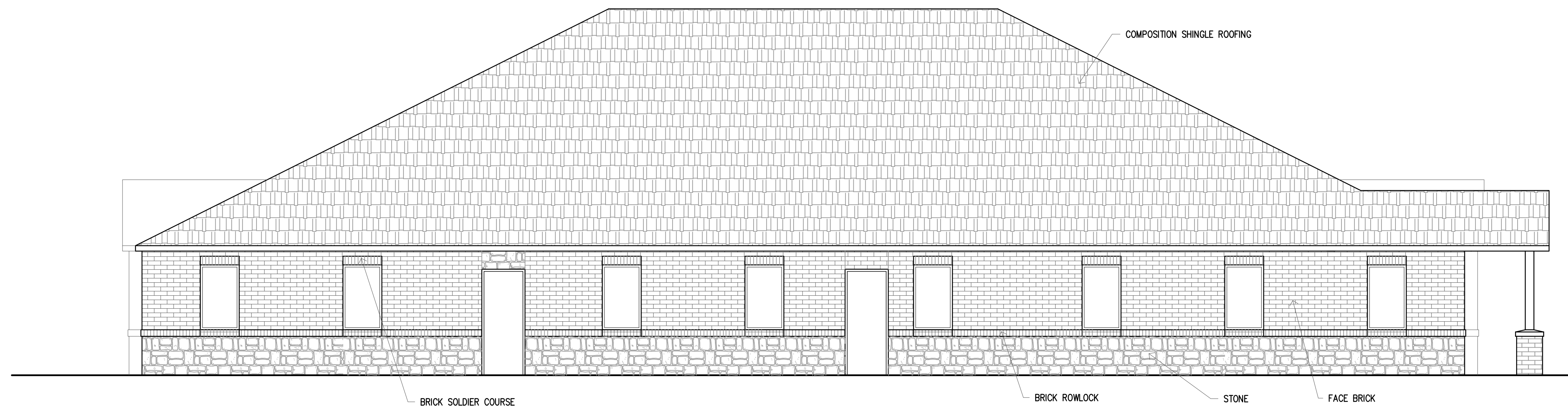
**EAST ELEVATION**



**SOUTH ELEVATION**



**NORTH ELEVATION**



**WEST ELEVATION**

SITE PLAN SIGNATURE BLOCK

APPROVED: \_\_\_\_\_  
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the planning and zoning commission of the City of Rockwall on the 11th day of February, 2020.

WITNESS OUR HANDS, this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_  
Planning & Zoning Commission, Chairman

\_\_\_\_\_  
Director of Planning and Zoning

**PRICING & CONSTRUCTION**  
**GENERAL NOTES:**

1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO INDICATE EACH AND EVERY FITTING, OFFSET, OR OTHER APPURTENANCE NECESSARY TO COMPLETE THE SYSTEM.
2. IT IS THE SUBCONTRACTOR'S RESPONSIBILITY TO REVIEW THE DOCUMENTS AND INCLUDE ALL NECESSARY ITEMS TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.
3. ANY DISCREPANCIES NOTED BY THE SUBCONTRACTOR SHALL BE BROUGHT TO THE ATTENTIONS OF THE ARCHITECT (IN WRITING) BEFORE BIDDING THIS PROJECT.
4. AFTER BIDS ARE TURNED IN, THE SUBCONTRACTOR SHALL COMPLETE THE SYSTEMS AT NO ADDITIONAL COST.
5. PLUMBING, MECHANICAL, AND ELECTRICAL SUBCONTRACTORS ARE RESPONSIBLE FOR COORDINATING ALL COMPONENTS TO INSURE COMPLETE AND WORKING SYSTEMS. EACH SUBCONTRACTOR SHALL REVIEW ALL DRAWINGS FOR COMPLIANCE.
6. THE ARCHITECT WILL BE RESPONSIBLE TO DETERMINE WHICH TRADE SHALL PROVIDE AND INSTALL ANY COMPONENTS MISSED FOR WORKING SYSTEMS AS NEEDED.

RESIDENTIAL RESTAURANTS  
INSTITUTIONAL  
**ARCHITECTS**

MEDICAL COMMERCIAL  
CHURCHES  
**MERSHAWN**

2313 RIDGE ROAD #103  
ROCKWALL, TEXAS 75087

PHONE: 972-722-9302  
FAX: 972-249-2051

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS

**EXTERIOR ELEVATIONS**

|              |               |
|--------------|---------------|
| Scale:       | 3/16" = 1'-0" |
| Date:        | MM/DD/YY      |
| Project No.: | YTM#          |
| Designed:    | GW            |
| Drawn:       | GW            |
| Checked:     | WM            |











CONTRACTOR TO VERIFY PLANS AND TO VISIT SITE AND NOTIFY MERSHAWN ARCHITECTS OF ANY DISCREPANCIES BEFORE CONSTRUCTION.

|    |   | REQUIRED | PROVIDED |
|----|---|----------|----------|
| 1. | STREET TREES<br>1 CANOPY PER 50' LINEAR OF R.O.W. | 3        | 3        |
| 2. | LANDSCAPE BUFFER                                  | 10'      | 10'      |
| 3. | SCREENING OF OFF STREET PARKING                   | NO       | NO       |
| 4. | TOTAL LANDSCAPE AREA 15% REQUIRED                 | 4,580 SF | 5,973 SF |
| 5. | 4 TREES REQUIRED AT REAR OF PROPERTY              | 4        | 4        |

ABSTRACT NO. 9 - WILLIAM BLEVINS SURVEY

- ZONING: L I
- PROPOSED USE: MEDICAL OFFICE
- PROPERTY AREA (GROSS): 30,531 SF 0.70 AC
- BUILDING AREA: 7,200 SF
- BUILDING HEIGHT: ONE STORY - 28'-3"
- LOT COVERAGE: 23.6% F.A.R. = 0.236:1
- PARKING REQUIRED: 1 SPACE/200 = 36 SPACES REQUIRED
- HANDICAP REQUIRED 2 ACCESSIBLE IN 25-50 SPACES 2 PROVIDED
- TOTAL PARKING PROVIDED: 36 SPACES
- TOTAL SQUARE FOOTAGE OF IMPERVIOUS SURFACE: 24,558 SF
- 15% LANDSCAPE REQUIRED = 4,580 SF PROVIDED 5,973 SF

THERE IS NO MITIGATION FOR THIS PROPERTY

- LIVE OAKS (6)  
INSTALLED WITH A MIN. 4" CALIPER
- RED BUD (8)  
MIN 4' TALL
- INDIAN HAWTHORNE (74)  
PLANTS SHALL BE A MINIMUM OF 5-GALLONS & SHALL CREATE A MINIMUM 30" TALL SCREEN WITHIN TWO YEARS OF PLANTING. SHALL BE PLANTED @ 36" O.C.
- BOXWOOD BUSH (66)  
PLANTS SHALL BE A MINIMUM OF 5-GALLONS & SHALL CREATE A MINIMUM 2' TALL SCREEN WITHIN TWO YEARS OF PLANTING. SHALL BE PLANTED @ 36" O.C.

NO PARKING SPACE SHALL BE MORE THAN 80' FROM A CANOPY TREE  
ALL AREAS NOT SHOWN AS SPECIFIC PLANT MATERIAL SHALL BE SODDED, BERMUUDA.

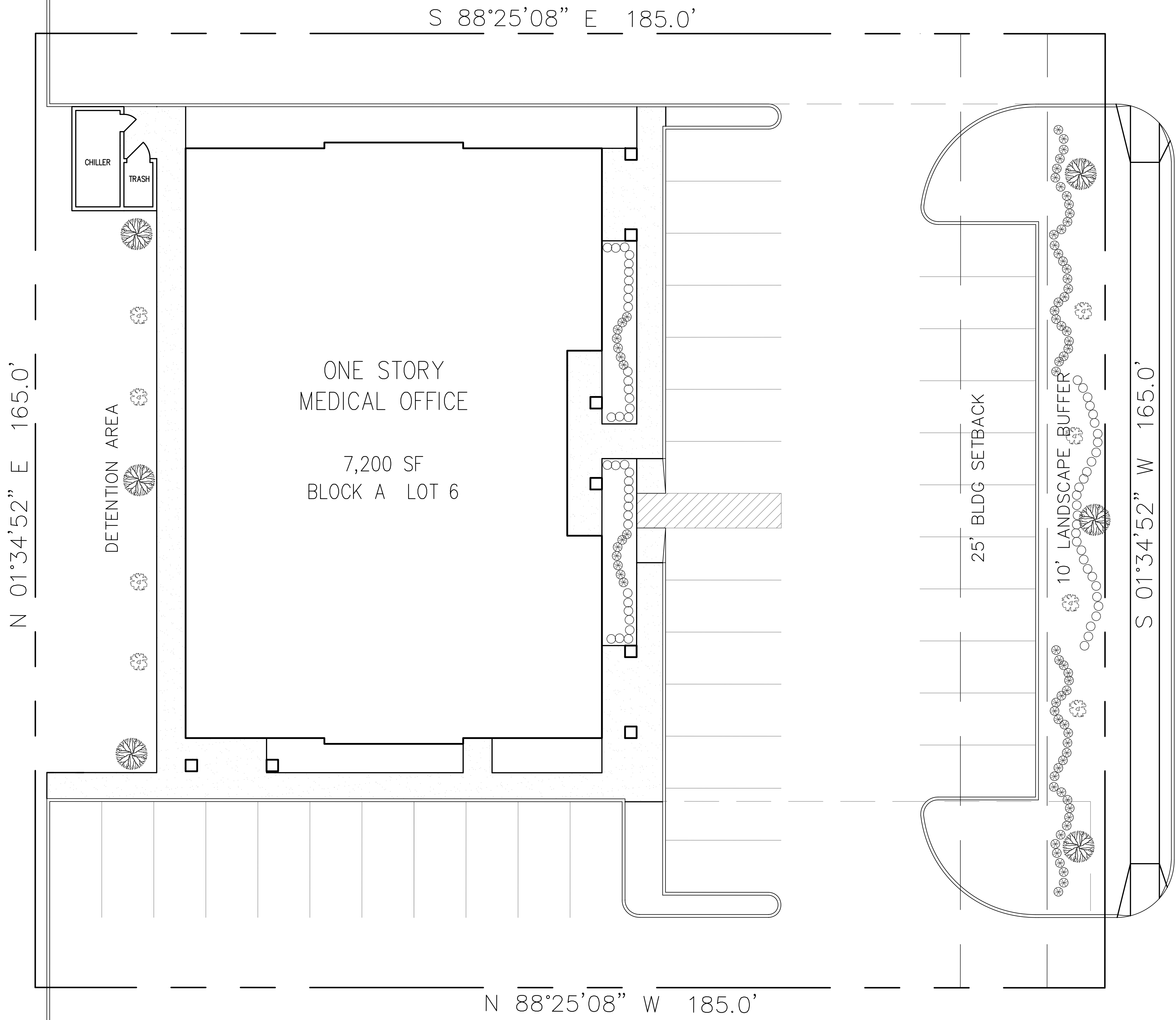
IN ORDER TO MEET BUDGET TREES SPECIFIED MAY NOT BE USED OTHER TREES FROM THE APPROVED CITY OF ROCKWALL PLANT LIST MAY BE SUITABLE FOR SUBSTITUTION.

REQUIRED LANDSCAPE AREAS SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. SYSTEM SHALL HAVE FREEZE GUARD AND RAINSTAT.

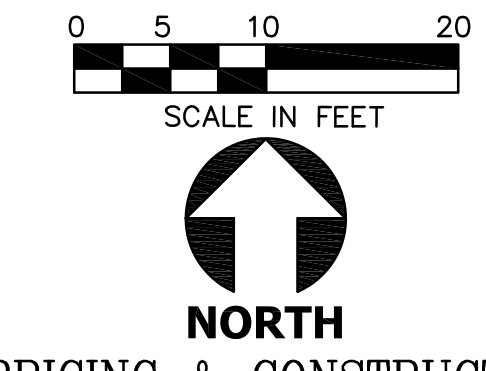
CONTRACTOR SHALL SUPPLY SLEEVES AS NEEDED FOR IRRIGATION.

TREES AND PLANTS SHALL BE PLANTED NO CLOSER THAN WITHIN 4' OF CURB AT PARKING SPACES AND NO CLOSER THAN 5' FROM ANY WATER, SEWER, OR STORM SEWER LINES.  
ALL R.O.W. SHALL BE SODDED

HERMAN E UTLEY  
MIDDLE SCHOOL



ALPHA DRIVE  
60' R.O.W.



PRICING & CONSTRUCTION  
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ELLIS CENTRE  
INDUSTRIAL PARK  
BEING A 0.70 AC. TRACT OF LAND SITUATED  
IN THE ELLIS CENTRE #2 INDUSTRIAL PARK  
LOT 6 BLOCK A IN THE CITY OF ROCKWALL,  
ROCKWALL COUNTY, TEXAS

OWNER  
ADAT ESTATE LLC  
452 BRIDLE WAY  
ROCKWALL, TEXAS 75087  
CASE #SP2020-000

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SITE PLAN SIGNATURE BLOCK

APPROVED:  
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WITNESS OUR HANDS, this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_  
Planning & Zoning Commission, Chairman      Director of Planning and Zoning

RESIDENTIAL RESTAURANTS  
INSTITUTIONAL  
**ARCHITECTS**

MEDICAL COMMERCIAL  
CHURCHES  
**MERSHAWN**

1520 E INTERSTATE 30  
ROCKWALL, TEXAS 75087  
PHONE: 469-745-1701

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS

**LANDSCAPE PLAN**

Scale: 1" = 10'-0"

Date: MM/DD/YY

Project No.: 200404

Designed: GW

Drawn: GW

Checked: MM

SHEET  
**11** OF  
**1**

| Symbol | Type | Qty | Manufacturer / Catalog Number                             | Total Lumen Output | Total Input Watts | Ballast Factor | Light Lost Factor | User Defined Factor |
|--------|------|-----|---|--------------------|-------------------|----------------|-------------------|---------------------|
| LP     | LP   | 2   | LITHONIA_DSX1 LED P5 40K TFTM VOLTAGE MOUNTING HS FINISH  | 12359              | 138               | 1.000          | 0.808             | 1.000               |
| WP     | WP   | 5   | LITHONI_WDGE1 LED P2 40K 80CRI VF VOLTAGE MOUNTING FINISH | 1979               | 15.0178           | 1.000          | 0.808             | 1.000               |

| Calculation Summary       |                    |       |      |     |     |         |
|---------------------------|--------------------|-------|------|-----|-----|---------|
| Calculation Grid Location | Calc. Height (Ft.) | Units | Avg  | Max | Min | Avg/Min |
| GRADE_Planar              | 0                  | Fc    | 0.29 | 4.1 | 0.0 | N.A.    |
| PARKING LOT & DRIVEWAY    |                    | Fc    | 1.45 | 3.7 | 0.0 | N.A.    |

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HERMAN E UTLEY  
MIDDLE SCHOOL

N 01°34'52" E 165.0'

DETENTION AREA

ONE STORY  
MEDICAL OFFICE  
7,200 SF  
BLOCK A LOT 6

25' BLDG SETBACK

10' LANDSCAPE BUFFER

S 01°34'52" W 165.0'

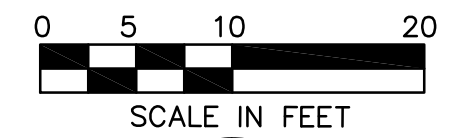
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60' R.O.W.

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ARCHITECTS

MEDICAL COMMERCIAL  
CHURCHES  
MERSHAWN ARCHITECTS

1520 E INTERSTATE 30  
ROCKWALL, TEXAS 75087  
PHONE: 469-745-1701

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS

PHOTOMETRIC PLAN

Scale: 1" = 10'-0"

Date: MM/DD/YY

Project No.: 200404

Designed: GW

Drawn: GW

Checked: MM

SHEET  
**AP1** OF  
1



# WEDGE1 LED

## Architectural Wall Sconce



Catalog Number

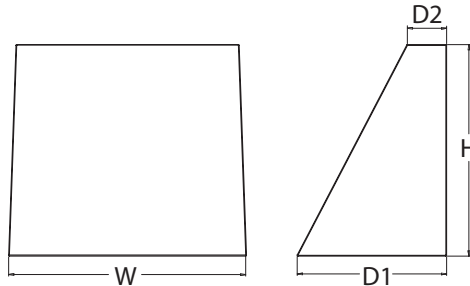
Notes

Type

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

### Specifications

**Depth (D1):** 5.5"  
**Depth (D2):** 1.5"  
**Height:** 8"  
**Width:** 9"  
**Weight:** 9 lbs  
 (without options)



### Introduction

The WEDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WEDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WEDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

### WEDGE LED Family Overview

| Luminaire  | Standard EM, 0°C | Cold EM, -20°C | Sensor              | Lumens (4000K) |        |        |        |        |        |
|------------|------------------|----------------|---------------------|----------------|--------|--------|--------|--------|--------|
|            |                  |                |                     | P1             | P2     | P3     | P4     | P5     | P6     |
| WEDGE1 LED | 4W               | --             | --                  | 1,200          | 2,000  | --     | --     | --     | --     |
| WEDGE2 LED | 10W              | 18W            | Standalone / nLight | 1,200          | 2,000  | 3,000  | 4,500  | 6,000  | --     |
| WEDGE3 LED | 15W              | 18W            | Standalone / nLight | 7,500          | 8,500  | 10,000 | 12,000 | --     | --     |
| WEDGE4 LED | --               | --             | Standalone / nLight | 12,000         | 16,000 | 18,000 | 20,000 | 22,000 | 25,000 |

### Ordering Information

**EXAMPLE:** WEDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

| Series     | Package  | Color Temperature  | CRI            | Distribution  | Voltage                   | Mounting   |
|------------|----------|--|----------------|---|---------------------------|--|
| WEDGE1 LED | P1<br>P2 | 27K 2700K<br>30K 3000K<br>35K 3500K<br>40K 4000K<br>50K <sup>1</sup> 5000K | 80CRI<br>90CRI | VF Visual comfort forward throw<br>VW Visual comfort wide | MVOLT<br>347 <sup>2</sup> | <b>Shipped included</b><br>SRM Surface mounting bracket<br>ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>5</sup><br><b>Shipped separately</b><br>AWS 3/8inch Architectural wall spacer<br>BBW Surface-mounted back box<br>PBBW Premium surface-mounted back box (top, left, right conduit entry) |

| Options   | Finish                           |
|---|----------------------------------|
| E4WH <sup>3</sup> Emergency battery backup, CEC compliant (4W, 0°C min)                               | DDBXD Dark bronze                |
| PE <sup>4</sup> Photocell, Button Type  | DBLXD Black                      |
| DS Dual switching ( comes with 2 drivers and 2 light engines; see page 3 for details)                 | DNAXD Natural aluminum           |
| DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) | DWHXD White                      |
| BCE Bottom conduit entry for premium back box (PBBW). Total of 4 entry points.                        | DSSXD Sandstone                  |
|   | DDBTXD Textured dark bronze      |
|   | DBLTXD Textured black            |
|   | DNATXD Textured natural aluminum |
|   | DWHGXD Textured white            |
|   | DSSTXD Textured sandstone        |

### Accessories

Ordered and shipped separately.

|                   |  |
|-------------------|--|
| WDGEAWS DDBXD U   | WEDGE 3/8inch Architectural Wall Spacer (specify finish) |
| WDGE1PBBW DDBXD U | WEDGE1 Premium surface-mounted back box (specify finish) |
| WSBBW DDBXD U     | Surface - mounted back box (specify finish)              |

### NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS or PE.
- E4WH not available with PE or DS.
- PE not available with DS.
- Not qualified for DLC. Not available with E4WH.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.lithonia.com](http://www.lithonia.com)  
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WEDGE1 LED  
 Rev. 04/15/20

## 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.

| Performance Package | System Watts | Dist. Type | 27K (2700K, 80 CRI) |     |   |   |   | 30K (3000K, 80 CRI) |     |   |   |   | 35K (3500K, 80 CRI) |     |   |   |   | 40K (4000K, 80 CRI) |     |   |   |   | 50K (5000K, 80 CRI) |     |   |   |   |
|---------------------|--------------|------------|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|
|                     |              |            | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G |
| P1                  | 10W          | VF         | 1,120               | 112 | 0 | 0 | 0 | 1,161               | 116 | 0 | 0 | 0 | 1,194               | 119 | 0 | 0 | 0 | 1,227               | 123 | 0 | 0 | 0 | 1,235               | 123 | 0 | 0 | 0 |
|                     |              | VW         | 1,122               | 112 | 0 | 0 | 0 | 1,163               | 116 | 0 | 0 | 0 | 1,196               | 120 | 0 | 0 | 0 | 1,229               | 123 | 0 | 0 | 0 | 1,237               | 124 | 0 | 0 | 0 |
| P2                  | 15W          | VF         | 1,806               | 120 | 1 | 0 | 0 | 1,872               | 125 | 1 | 0 | 0 | 1,925               | 128 | 1 | 0 | 0 | 1,978               | 132 | 1 | 0 | 0 | 1,992               | 133 | 1 | 0 | 0 |
|                     |              | VW         | 1,809               | 120 | 1 | 0 | 0 | 1,876               | 125 | 1 | 0 | 0 | 1,929               | 128 | 1 | 0 | 0 | 1,982               | 132 | 1 | 0 | 0 | 1,996               | 133 | 1 | 0 | 0 |

### Electrical Load

| Performance Package | System Watts | Current (A) |       |       |       |       |
|---------------------|--------------|-------------|-------|-------|-------|-------|
|                     |              | 120V        | 208V  | 240V  | 277V  | 347V  |
| P1                  | 10W          | 0.082       | 0.049 | 0.043 | 0.038 | --    |
|                     | 13W          | --          | --    | --    | --    | 0.046 |
| P2                  | 15W          | 0.132       | 0.081 | 0.072 | 0.064 | --    |
|                     | 18W          | --          | --    | --    | --    | 0.056 |

### Lumen Multiplier for 90CRI

| CCT | Multiplier |
|-----|------------|
| 27K | 0.845      |
| 30K | 0.867      |
| 35K | 0.845      |
| 40K | 0.885      |
| 50K | 0.898      |

### Lumen Output in Emergency Mode (4000K, 80 CRI)

| Option | Dist. Type | Lumens |
|--------|------------|--------|
| E4WH   | VF         | 646    |
|        | VW         | 647    |

### 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   | 1.03             |
| 10°C / 50°F  | 1.02             |
| 20°C / 68°F  | 1.01             |
| 25°C / 77°F  | 1.00             |
| 30°C / 86°F  | 0.99             |
| 40°C / 104°F | 0.98             |

### 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).

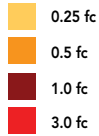
To calculate LMF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

| Operating Hours          | 0   | 25,000 | 50,000 | 100,000 |
|--------------------------|-----|--------|--------|---------|
| Lumen Maintenance Factor | 1.0 | >0.96  | >0.95  | >0.91   |

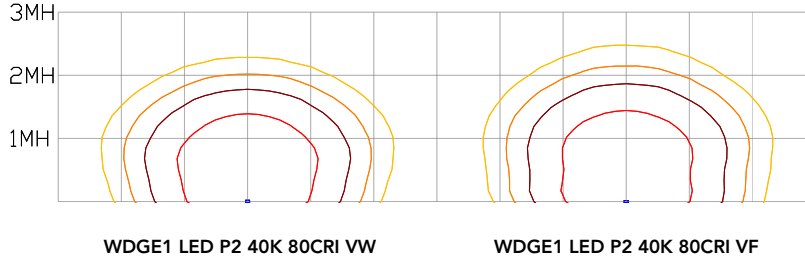
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

### LEGEND



MH = 8ft  
Grid = 8ft x 8ft



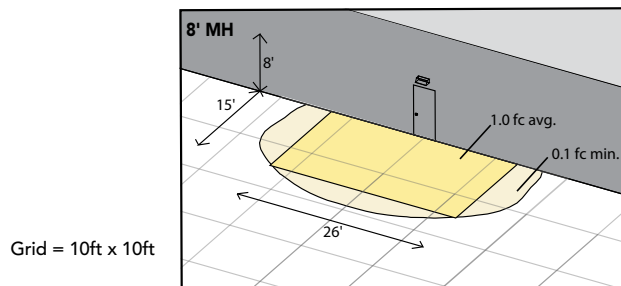
## Emergency Egress Options

### Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

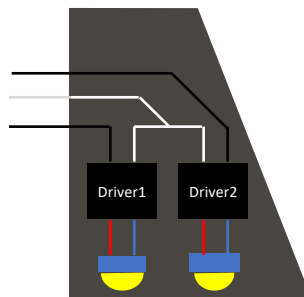


WDGE1 LED xx 40K 80CRI VF MVOLT E4WH

### Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





**E4WH – 4W Emergency Battery Backup**

D = 5.5"

H = 8"

W = 9"

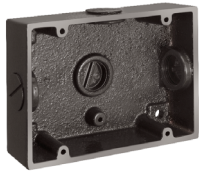


**PBBW – Premium Back Box**

D = 1.75"

H = 8"

W = 9"



**BBW – Standard Back Box**

D = 1.5"

H = 4"

W = 5.5"



**AWS – 3/8inch Architectural Wall Spacer**

D = 0.38"

H = 4.4"

W = 7.5"

## FEATURES & SPECIFICATIONS

### INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

### CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

### FINISH

Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

### OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED 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 consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

### LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. 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](http://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 2700K and 3000K color temperature only and SRM mounting only.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.



# D-Series Size 1 LED Area Luminaire

d#series

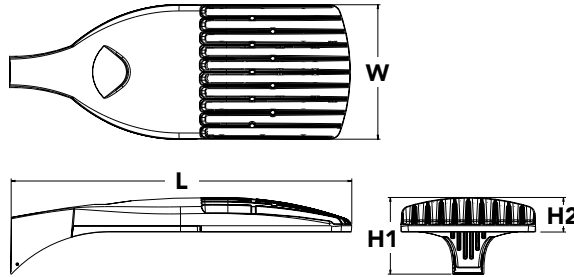


|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

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

## Specifications

|                      |  |
|----------------------|--|
| <b>EPA:</b>          | 1.01 ft <sup>2</sup><br>(0.09 m <sup>2</sup> ) |
| <b>Length:</b>       | 33"<br>(83.8 cm)                               |
| <b>Width:</b>        | 13"<br>(33.0 cm)                               |
| <b>Height H1:</b>    | 7-1/2"<br>(19.0 cm)                            |
| <b>Height H2:</b>    | 3-1/2"   |
| <b>Weight (max):</b> | 27 lbs<br>(12.2 kg)                            |



## Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

A+ Capable options indicated by this color background.

## Ordering Information

**EXAMPLE:** DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

| DSX1 LED   |  | Color temperature |            | Distribution |  | Voltage   | Mounting  |   |
|--|--|-------------------|------------|--------------|--|---|---|---|
| Series   | LEDs   | Color temperature |            | Distribution |  | Voltage   | Mounting  |   |
| DSX1 LED   | <b>Forward optics</b><br>P1 P4 P7<br>P2 P5 P8<br>P3 P6 P9<br><b>Rotated optics</b><br>P10 <sup>1</sup> P12 <sup>1</sup><br>P11 <sup>1</sup> P13 <sup>1</sup> | 30K 3000 K        | 40K 4000 K | 50K 5000 K   | T1S Type I short (Automotive)<br>T2S Type II short<br>T2M Type II medium<br>T3S Type III short<br>T3M Type III medium<br>T4M Type IV medium<br>TFTM Forward throw medium | T5VS Type V very short <sup>2</sup><br>T5S Type V short <sup>2</sup><br>T5M Type V medium <sup>2</sup><br>T5W Type V wide <sup>2</sup><br>BLC Backlight control <sup>3</sup><br>LCCO Left corner cutoff <sup>3</sup><br>RCCO Right corner cutoff <sup>3</sup>   | MVOLT <sup>4</sup><br>120 <sup>5</sup><br>208 <sup>5</sup><br>240 <sup>5</sup><br>277 <sup>5</sup><br>347 <sup>5</sup><br>480 <sup>5</sup>  | <b>Shipped included</b><br>SPA Square pole mounting<br>RPA Round pole mounting<br>WBA Wall bracket <sup>2</sup><br>SPUMBA Square pole universal mounting adaptor <sup>6</sup><br>RPUMBA Round pole universal mounting adaptor <sup>6</sup><br><b>Shipped separately</b><br>KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) <sup>7</sup> |
| Control options  |  |                   |            |              |  | Other options   | Finish (required)   |   |
| <b>Shipped installed</b><br>NLTAIR2 nLight AIR generation 2 enabled <sup>8</sup><br>PIRHN Network, high/low motion/ambient sensor <sup>9</sup><br>PER NEMA twist-lock receptacle only (controls ordered separate) <sup>10</sup><br>PER5 Five-pin receptacle only (controls ordered separate) <sup>10,11</sup><br>PER7 Seven-pin receptacle only (controls ordered separate) <sup>10,11</sup><br>DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) <sup>13</sup><br>DS Dual switching <sup>13,14,15</sup> |  |                   |            |              |  | PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc <sup>16,17</sup><br>PIRH High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc <sup>16,17</sup><br>PIR1FC3V High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>16,17</sup><br>PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>16,17</sup><br>FAO Field adjustable output <sup>15</sup> | <b>Shipped installed</b><br>HS House-side shield <sup>18</sup><br>SF Single fuse (120, 277, 347V) <sup>5</sup><br>DF Double fuse (208, 240, 480V) <sup>5</sup><br>L90 Left rotated optics <sup>1</sup><br>R90 Right rotated optics <sup>1</sup><br><b>Shipped separately</b><br>BS Bird spikes <sup>19</sup><br>EGS External glare shield | DDBXD Dark bronze<br>DBLXD Black<br>DNAXD Natural aluminum<br>DWHXD White<br>DDBTXD Textured dark bronze<br>DBLBXD Textured black<br>DNATXD Textured natural aluminum<br>DWHGXD Textured white  |





## Ordering Information

### Accessories

Ordered and shipped separately.

|                    |   |
|--------------------|---|
| DLL127F 1.5 JU     | Photocell - SSL twist-lock (120-277V) <sup>20</sup>                             |
| DLL347F 1.5 CUL JU | Photocell - SSL twist-lock (347V) <sup>20</sup>                                 |
| DLL480F 1.5 CUL JU | Photocell - SSL twist-lock (480V) <sup>20</sup>                                 |
| DSHORT SBK U       | Shorting cap <sup>20</sup>  |
| DSX1HS 30C U       | House-side shield for P1, P2, P3, P4 and P5 <sup>18</sup>                       |
| DSX1HS 40C U       | House-side shield for P6 and P7 <sup>18</sup>                                   |
| DSX1HS 60C U       | House-side shield for P8, P9, P10, P11 and P12 <sup>18</sup>                    |
| PUMBA DDBXD U*     | Square and round pole universal mounting bracket (specify finish) <sup>21</sup> |
| KMA8 DDBXD U       | Mast arm mounting bracket adaptor (specify finish) <sup>7</sup>                 |
| DSX1EGS (FINISH) U | External glare shield   |

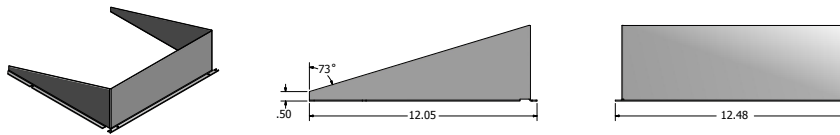
For more control options, visit [DTL](#) and [ROAM](#) online.

### NOTES

- P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
- Any Type 5 distribution with photocell, is not available with WBA.
- Not available with HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Universal mounting brackets intended for retrofit on existing, pre-drilled poles only. 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. Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- Must be ordered with NLTAIR2. For more information on Light Air 2 visit [this link](#).
- 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<sup>®</sup> node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Node with integral dimming.
- DMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- 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 with isolated neutral. See Outdoor Control Technical Guide for details.
- Reference Motion Sensor table on page 4.
- Reference controls options table on page 4 to see functionality.
- 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.

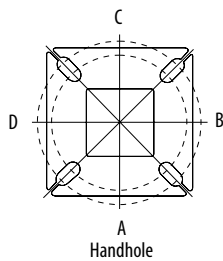
## Options

### EGS - External Glare Shield



## Drilling

### HANDHOLE ORIENTATION

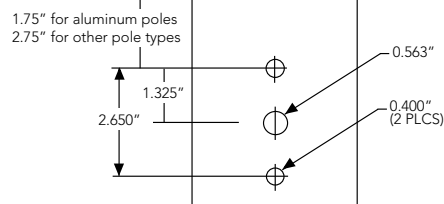


### Tenon Mounting Slipfitter\*\*

| Tenon O.D. | Mounting | Single Unit | 2 @ 180   | 2 @ 90    | 3 @ 120   | 3 @ 90    | 4 @ 90    |
|------------|----------|-------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8"     | SPA/RPA  | AS3-5 190   | AS3-5 280 | AS3-5 290 | AS3-5 320 | AS3-5 390 | AS3-5 490 |
|            | SPUMBA   | AS3-5 190   | AS3-5 280 | AS4-5 290 | AS3-5 320 | AS4-5 390 | AS4-5 490 |
|            | RUPUMBA  | AS3-5 190   | AS3-5 280 |           | AS3-5 320 |           |           |
| 2-7/8"     | SPA/RPA  | AST25-190   | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
|            | SPUMBA   | AST25-190   | AST25-280 |           | AST25-320 |           |           |
|            | RUPUMBA  | AST25-190   | AST25-280 |           | AST25-320 |           |           |
| 4"         | SPA/RPA  | AST35-190   | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |
|            | SPUMBA   | AST35-190   | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |
|            | RUPUMBA  | AST35-190   | AST35-280 |           | AST35-320 |           |           |

Template #8

Top of Pole



| Mounting Option    | Drilling Template | Single | 2 @ 180    | 2 @ 90     | 3 @ 90        | 3 @ 120         | 4 @ 90           |
|--------------------|-------------------|--------|------------|------------|---------------|-----------------|------------------|
| Head Location      |                   | Side B | Side B & D | Side B & C | Side B, C & D | Round Pole Only | Side A, B, C & D |
| Drill Nomenclature | #8                | DM19AS | DM28AS     | DM29AS     | DM39AS        | DM32AS          | DM49AS           |

|         | Drilling Template | Minimum Acceptable Outside Pole Dimension |        |      |      |      |      |
|---------|-------------------|---|--------|------|------|------|------|
| SPA     | #8                | 2-7/8"                                    | 2-7/8" | 3.5" | 3.5" | 3"   | 3.5" |
| RPA     | #8                | 2-7/8"                                    | 2-7/8" | 3.5" | 3.5" | 3"   | 3.5" |
| SPUMBA  | #5                | 2-7/8"                                    | 3"     | 4"   | 4"   | 3.5" | 4"   |
| RUPUMBA | #5                | 2-7/8"                                    | 3.5"   | 5"   | 5"   | 3.5" | 5"   |

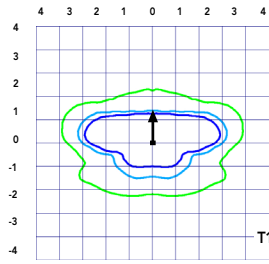
# Photometric Diagrams

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

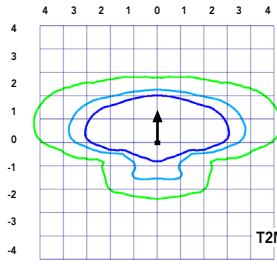
Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').

### LEGEND

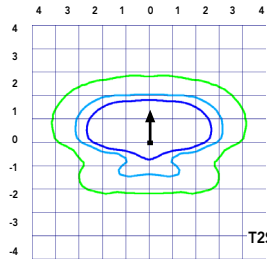
- 0.1 fc
- 0.5 fc
- 1.0 fc



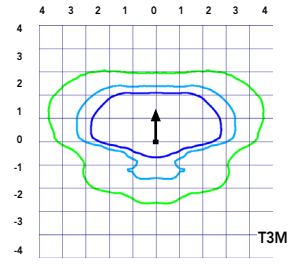
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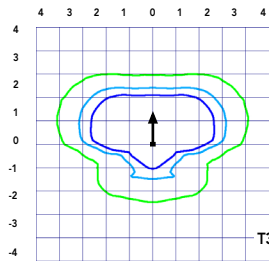
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



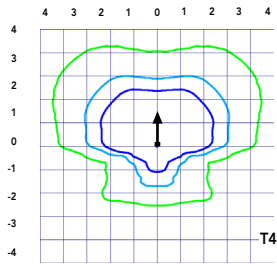
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



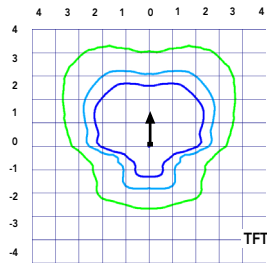
Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



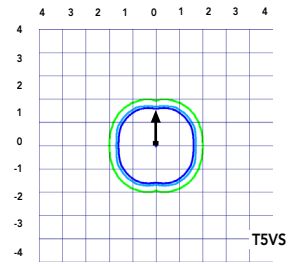
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



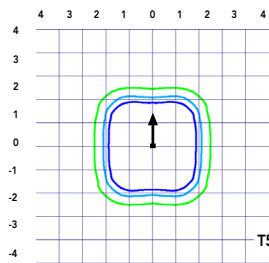
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



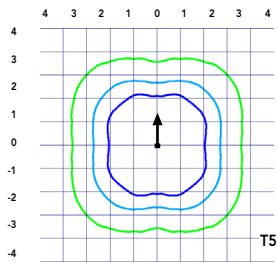
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



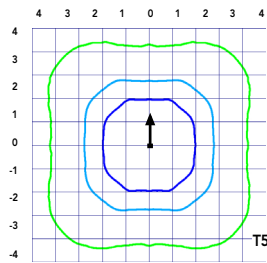
Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



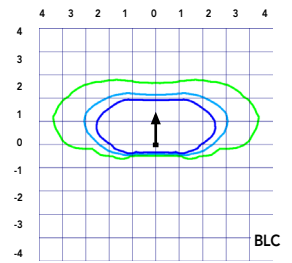
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



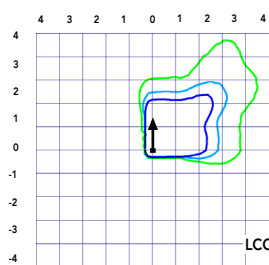
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



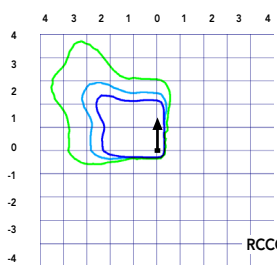
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



Test No. LT.L23164B tested in accordance with IESNA LM-79-08.

## 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             |
| <b>25°C</b> | <b>77°F</b> | <b>1.00</b>      |
| 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 | Lumen Maintenance Factor |
|-----------------|--------------------------|
| 0               | 1.00                     |
| 25,000          | 0.96                     |
| 50,000          | 0.92                     |
| 100,000         | 0.85                     |

#### 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 when motion sensor is used as dusk to dawn control.

### 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 |

#### Controls Options

| Nomenclature  | Description   | Functionality   | Primary control device  | Notes  |
|---------------|---|---|---|--|
| FA0           | Field adjustable output device installed inside the luminaire; wired to the driver dimming leads. | Allows the luminaire to be manually dimmed, effectively trimming the light output.  | FA0 device  | Cannot be used with other controls options that need the 0-10V leads                                 |
| DS            | Drivers wired independently for 50/50 luminaire operation   | The luminaire is wired to two separate circuits, allowing for 50/50 operation.  | Independently wired drivers   | Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative. |
| PER5 or PER7  | Twist-lock photocell receptacle   | Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.              | Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM. | Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire                        |
| PIR or PIRH   | Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting          | Luminaires dim when no occupancy is detected.   | Acuity Controls SBGR  | Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.          |
| NLTAIR2 PIRHN | nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.            | Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse. | nLight Air rSDGR  | nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.    |

# 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) |   |   |   |     |
|                |               |               |              |            | 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 |
|                |               |               |              | T2S        | 6,450                | 2 | 0 | 2 | 119 | 6,949                | 2 | 0 | 2 | 129 | 7,037                | 2 | 0 | 2 | 130 |
|                |               |               |              | T2M        | 6,483                | 1 | 0 | 1 | 120 | 6,984                | 2 | 0 | 2 | 129 | 7,073                | 2 | 0 | 2 | 131 |
|                |               |               |              | T3S        | 6,279                | 2 | 0 | 2 | 116 | 6,764                | 2 | 0 | 2 | 125 | 6,850                | 2 | 0 | 2 | 127 |
|                |               |               |              | T3M        | 6,468                | 1 | 0 | 2 | 120 | 6,967                | 1 | 0 | 2 | 129 | 7,056                | 1 | 0 | 2 | 131 |
|                |               |               |              | T4M        | 6,327                | 1 | 0 | 2 | 117 | 6,816                | 1 | 0 | 2 | 126 | 6,902                | 1 | 0 | 2 | 128 |
|                |               |               |              | TFTM       | 6,464                | 1 | 0 | 2 | 120 | 6,963                | 1 | 0 | 2 | 129 | 7,051                | 1 | 0 | 2 | 131 |
|                |               |               |              | TSVS       | 6,722                | 2 | 0 | 0 | 124 | 7,242                | 3 | 0 | 0 | 134 | 7,334                | 3 | 0 | 0 | 136 |
|                |               |               |              | T5S        | 6,728                | 2 | 0 | 1 | 125 | 7,248                | 2 | 0 | 1 | 134 | 7,340                | 2 | 0 | 1 | 136 |
|                |               |               |              | T5M        | 6,711                | 3 | 0 | 1 | 124 | 7,229                | 3 | 0 | 1 | 134 | 7,321                | 3 | 0 | 2 | 136 |
|                |               |               |              | TSW        | 6,667                | 3 | 0 | 2 | 123 | 7,182                | 3 | 0 | 2 | 133 | 7,273                | 3 | 0 | 2 | 135 |
|                |               |               |              | 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 |
|                |               |               |              | T2S        | 8,240                | 2 | 0 | 2 | 118 | 8,877                | 2 | 0 | 2 | 127 | 8,989                | 2 | 0 | 2 | 128 |
|                |               |               |              | T2M        | 8,283                | 2 | 0 | 2 | 118 | 8,923                | 2 | 0 | 2 | 127 | 9,036                | 2 | 0 | 2 | 129 |
|                |               |               |              | T3S        | 8,021                | 2 | 0 | 2 | 115 | 8,641                | 2 | 0 | 2 | 123 | 8,751                | 2 | 0 | 2 | 125 |
|                |               |               |              | T3M        | 8,263                | 2 | 0 | 2 | 118 | 8,901                | 2 | 0 | 2 | 127 | 9,014                | 2 | 0 | 2 | 129 |
|                |               |               |              | T4M        | 8,083                | 2 | 0 | 2 | 115 | 8,708                | 2 | 0 | 2 | 124 | 8,818                | 2 | 0 | 2 | 126 |
|                |               |               |              | TFTM       | 8,257                | 2 | 0 | 2 | 118 | 8,896                | 2 | 0 | 2 | 127 | 9,008                | 2 | 0 | 2 | 129 |
|                |               |               |              | TSVS       | 8,588                | 3 | 0 | 0 | 123 | 9,252                | 3 | 0 | 0 | 132 | 9,369                | 3 | 0 | 0 | 134 |
|                |               |               |              | T5S        | 8,595                | 3 | 0 | 1 | 123 | 9,259                | 3 | 0 | 1 | 132 | 9,376                | 3 | 0 | 1 | 134 |
|                |               |               |              | T5M        | 8,573                | 3 | 0 | 2 | 122 | 9,236                | 3 | 0 | 2 | 132 | 9,353                | 3 | 0 | 2 | 134 |
|                |               |               |              | TSW        | 8,517                | 3 | 0 | 2 | 122 | 9,175                | 4 | 0 | 2 | 131 | 9,291                | 4 | 0 | 2 | 133 |
|                |               |               |              | 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 |
|                |               |               |              | T5S        | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | T5S        | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | T5S        | 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 |
|                |               |               |              | TSW        | 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  |
|                |               |               |              | RCCO       | 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) |   |   |   |     |
|                |               |               |              |            | Lumens               | B | U | G | LPW | Lumens               | B | U | G | LPW | Lumens               | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | TSW        | 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  |
|                |               |               |              | RCCO       | 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) |   |   |   |     |
|                |               |               |              |            | 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 |
|                |               |               |              | T2S        | 12,967               | 4 | 0 | 4 | 122 | 13,969               | 4 | 0 | 4 | 132 | 14,146               | 4 | 0 | 4 | 133 |
|                |               |               |              | T2M        | 13,201               | 3 | 0 | 3 | 125 | 14,221               | 3 | 0 | 3 | 134 | 14,401               | 3 | 0 | 3 | 136 |
|                |               |               |              | T3S        | 12,766               | 4 | 0 | 4 | 120 | 13,752               | 4 | 0 | 4 | 130 | 13,926               | 4 | 0 | 4 | 131 |
|                |               |               |              | T3M        | 13,193               | 4 | 0 | 4 | 124 | 14,213               | 4 | 0 | 4 | 134 | 14,393               | 4 | 0 | 4 | 136 |
|                |               |               |              | T4M        | 12,944               | 4 | 0 | 4 | 122 | 13,945               | 4 | 0 | 4 | 132 | 14,121               | 4 | 0 | 4 | 133 |
|                |               |               |              | TFTM       | 13,279               | 4 | 0 | 4 | 125 | 14,305               | 4 | 0 | 4 | 135 | 14,486               | 4 | 0 | 4 | 137 |
|                |               |               |              | TSVS       | 13,372               | 3 | 0 | 1 | 126 | 14,405               | 4 | 0 | 1 | 136 | 14,588               | 4 | 0 | 1 | 138 |
|                |               |               |              | T5S        | 13,260               | 3 | 0 | 1 | 125 | 14,284               | 3 | 0 | 1 | 135 | 14,465               | 3 | 0 | 1 | 136 |
|                |               |               |              | T5M        | 13,256               | 4 | 0 | 2 | 125 | 14,281               | 4 | 0 | 2 | 135 | 14,462               | 4 | 0 | 2 | 136 |
|                |               |               |              | TSW        | 13,137               | 4 | 0 | 3 | 124 | 14,153               | 4 | 0 | 3 | 134 | 14,332               | 4 | 0 | 3 | 135 |
|                |               |               |              | 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 |
|                |               |               |              | T2S        | 16,461               | 4 | 0 | 4 | 120 | 17,733               | 4 | 0 | 4 | 129 | 17,957               | 4 | 0 | 4 | 131 |
|                |               |               |              | T2M        | 16,758               | 4 | 0 | 4 | 122 | 18,053               | 4 | 0 | 4 | 132 | 18,281               | 4 | 0 | 4 | 133 |
|                |               |               |              | T3S        | 16,205               | 4 | 0 | 4 | 118 | 17,457               | 4 | 0 | 4 | 127 | 17,678               | 4 | 0 | 4 | 129 |
|                |               |               |              | T3M        | 16,748               | 4 | 0 | 4 | 122 | 18,042               | 4 | 0 | 4 | 132 | 18,271               | 4 | 0 | 4 | 133 |
|                |               |               |              | T4M        | 16,432               | 4 | 0 | 4 | 120 | 17,702               | 4 | 0 | 4 | 129 | 17,926               | 4 | 0 | 4 | 131 |
|                |               |               |              | TFTM       | 16,857               | 4 | 0 | 4 | 123 | 18,159               | 4 | 0 | 4 | 133 | 18,389               | 4 | 0 | 4 | 134 |
|                |               |               |              | TSVS       | 16,975               | 4 | 0 | 1 | 124 | 18,287               | 4 | 0 | 1 | 133 | 18,518               | 4 | 0 | 1 | 135 |
|                |               |               |              | T5S        | 16,832               | 4 | 0 | 1 | 123 | 18,133               | 4 | 0 | 2 | 132 | 18,362               | 4 | 0 | 2 | 134 |
|                |               |               |              | T5M        | 16,828               | 4 | 0 | 2 | 123 | 18,128               | 4 | 0 | 2 | 132 | 18,358               | 4 | 0 | 2 | 134 |
|                |               |               |              | TSW        | 16,677               | 4 | 0 | 3 | 122 | 17,966               | 5 | 0 | 3 | 131 | 18,193               | 5 | 0 | 3 | 133 |
|                |               |               |              | 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 |
|                |               |               |              | T5S        | 23,380               | 4 | 0 | 2 | 113 | 25,187               | 4 | 0 | 2 | 122 | 25,506               | 4 | 0 | 2 | 123 |
|                |               |               |              | T5M        | 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 |
|                |               |               |              | T5S        | 25,824               | 4 | 0 | 2 | 112 | 27,819               | 5 | 0 | 2 | 120 | 28,172               | 5 | 0 | 2 | 122 |
|                |               |               |              | T5M        | 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  |
|                |               |               |              | RCCO       | 15,150               | 5 | 0 | 5 | 66  | 16,321               | 5 | 0 | 5 | 71  | 16,527               | 5 | 0 | 5 | 72  |

## 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 interoperability<sup>1</sup>
- 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**<sup>1</sup>

To learn more about A+, visit [www.acuitybrands.com/aplus](http://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](#)

## 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 ft<sup>2</sup>) 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).

### STANDARD CONTROLS

The DSX1 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

### nLIGHT AIR CONTROLS

The DSX1 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found here.

### 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). 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](http://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/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.



# PROJECT COMMENTS



CITY OF ROCKWALL  
385 S. GOLIAD STREET  
ROCKWALL, TEXAS 75087  
PHONE: (972) 771-7700

DATE: 6/26/2020

PROJECT NUMBER: SP2020-010  
PROJECT NAME: Site Plan for Ellis Center Medical Office  
SITE ADDRESS/LOCATIONS: 1940 ALPHA DR

CASE MANAGER: David Gonzales  
CASE MANAGER PHONE: 972-772-6488  
CASE MANAGER EMAIL: dgonzales@rockwall.com

CASE CAPTION: Discuss and consider a request by Greg Wallis of Mershawn Architects on behalf of Adat Estate of Vats Akhil and Deepti for the approval of a Site Plan for a medical office building on a 0.70-acre parcel of land being identified as Lot 6, Block A, Ellis Centre #2 Addition, City of Rockwall, Rockwall County, Texas, zoned Light Industrial (LI) District, situated within the IH-30 Overlay (IH-30 OV) District, located at the western corner of the intersection of Alpha Drive and Beta Drive, and take any action necessary.

| DEPARTMENT | REVIEWER       | DATE OF REVIEW | STATUS OF PROJECT |
|------------|----------------|----------------|-------------------|
| PLANNING   | David Gonzales | 06/25/2020     | Needs Review      |

06/25/2020: SP2020-010; Site Plan for Ellis Center Medical Office

Please address the following comments (M= Mandatory Comments; I = Informational Comments)

I.1 This is a request for the approval of a site plan for a medical office building on a 0.70-acre parcel of land being identified as Lot 6, Block A, Ellis Centre #2 Addition, City of Rockwall, Rockwall County, Texas, zoned Light Industrial (LI) District, situated within the IH-30 Overlay (IH-30 OV) District, located at the western corner of the intersection of Alpha Drive and Beta Drive.

I.2 For questions or comments concerning this case please contact David Gonzales in the Planning Department at (972) 772-6488 or email dgonzales@rockwall.com.

M.3 For reference, include the case number (SP2020-010) in the lower right-hand corner of all pages of all revised plan submittals. (§03.04.A, Art. 11, UDC)

I.4 This project is subject to all requirements stipulated by the Unified Development Code (UDC), the IH-30 Overlay (IH-30 OV) District, and the Development Standards of Article 05, that are applicable to the subject property.

I.6 Please note that the property will require a replat prior to the issuance of a building permit.

I.7 All comments must be addressed prior to the approved site plan being signed by the Planning and Zoning Commission Chairman and the Director of Planning. Once signed, a copy of the approved/signed site plan will be forwarded to you. A copy of the signed site plan must be included upon submittal of the civil engineering plans.

M.7 Correct the standard signature block on all pages by removing the date and creating blank lines to fill in at the time of signature by the Planning Director and Planning and Zoning Chairman. (§03.04.A, Art. 11, UDC)

M.8 Site Plan. Please make the following clarifications on the site plan to ensure staff can properly review this project and convey all of the required elements to the City's boards and commissions (§03.04, Art. 11, UDC):

1) The date that the plans were prepared is required on all submittals. (§03.04.A, Art. 11, UDC)



- 2) Indicate the distance between all property lines and the planned building(s) located on the site. (§03.04.B, Art. 11, UDC)
- 3) Indicate all utilities both existing and proposed, and dimension the easement(s). (§03.04.B, Art. 11, UDC)
- 4) Indicate and label the widths of all fire lanes existing and proposed for the site. Are there any other fire lanes to be dedicated other than the existing FL at the southern portion of the property? (§03.04.B, Art. 11, UDC)
- 5) Provide a label for all Firelane to indicate "24-ft Firelane, Public Access, Drainage, & Utility Easement", as appropriate for existing and proposed. (§03.04.B, Art. 11, UDC)
- 6) As a note, all parking spaces and aisle dimensions shall conform to the off-street parking requirements in section 2.19 of the City's Engineering Standards of Design and Construction. Provide the dimensions for the existing parking spaces located on the south end of the site. (Check w/ the Engineering Department for compliance).
- 7) Provide label indicating the location for the proposed handicap parking spaces. (§05.04, Art. 06, UDC)
- 8) Indicate the type and depth of the paving material and provide a detail or cut-sheet. All required parking and loading areas shall be constructed of concrete, but may have a surface treatment of brick, stone or other similar material. Must meet Engineering standards of design. (§03.02, Art. 06, UDC)
- 9) Provide screening along the western property boundary from the school district property. Label the height and type of fence proposed (i.e. wrought iron fence), and the landscape materials to be used (i.e. three [3] tiered screening). Provide fence detail and indicate on site plan. Landscaping to be indicated on landscape plan. (§ 05.02.B, Art. 08, UDC)
- 10) Pad mounted utility equipment, and air conditioning units, shall be screened from horizontal view from any adjacent public street and from any adjacent property. Utility equipment and air conditioning units shall be screened utilizing plantings, berms, or walls matching the main structure. Indicate units on the site plan and provide screening detail. (§01.05.C, Art. 05, UDC)

M.9 Landscape Plan. Please make the following clarifications and changes to the landscape plan to ensure staff can properly review this project and convey all of the required elements to the City's boards and commissions (Sec. 2, Art. 08, UDC)

- 1) Identify visibility triangles on all lots for all driveway intersections and public streets. Provide a labels. (Section 01.08, Art. 05, UDC)
- 2) Provide screening along the western property boundary from the school district property. Label the height and type of fence proposed (i.e. wrought iron fence), and the landscape materials to be used (i.e. three [3] tiered screening). Indicate landscaping and fence detail on landscape plan. (§ 05.02.B, Art. 08, UDC)

I.10 Treescape Plan. According to Section 3.4, Treescape Plan Review Process, of Article 09, of the UDC, The planning and zoning commission will review and approve or disapprove the treescape plan. The decision of the planning and zoning commission may be appealed to the city council. The treescape plan requires approval by the Planning and Zoning Commission as submitted.

- 1) A treescape plan was not submitted for this development and is not required.

M. 11 Photometric Plan. According to Section 3.3, Minimum Requirements, of Article 07, Environmental Performance, of the UDC, the maximum allowable light intensity measured at the property line of any non-residentially zoned lot shall be 0.2 FC. For planned shopping centers or other commercial developments that contain more than one lot, the Planning and Zoning Commission may consider lighting plans that are intended to increase lighting efficiency and reduce the number of overall light fixtures, but result in light spillover across common lot lines within the same development. (§03.03.C, Art. 07, UDC)

- 1) No light pole, base or combination thereof shall exceed 30 feet unless further restricted within an Overlay District. Provide lighting pole detail. (§03.03.D, Art. 07, UDC)
- 2) The maximum outdoor illumination level within any nonresidential development shall not exceed 0.2 FC at the property line. Correct the reading levels along the north and south property boundary where they exceed the maximum allowable level. (§03.03.G, Art. 07, UDC)
- 3) Provide cut-sheets of the proposed exterior light fixtures. (§03.03, Art. 07, UDC)

M.12 Building Elevations. Please make the following clarifications and changes to the building elevations to ensure staff can properly review this project and convey all of the required elements to the City's boards and commissions:

- 1) The overlay district standards require natural or quarried stone on all building facades (i.e. minimum of 20%). Please provide a label indicating the use of a natural or quarried stone or the proposed Austin Stone on the plans and a calculation meeting the minimum 20% requirement for each facade. (§06.02.C.1, Art. 05, UDC)
- 2) Indicate the surface area (square feet) of each façade and the percentage and square footage of each material used on that façade. (§04.01, Art. 05, UDC)

Based on the building elevation submittal staff has identified the following variances and exceptions to the Unified Development Code (UDC) and the Scenic Overlay (SOV) District:

1) Building Articulation. The proposed building does not meet the articulation standards established by the UDC for horizontal articulation for the west facing elevation. This will require approval of an exception by the Planning and Zoning Commission. Exception Required. (§04.01.C, Art. 05, UDC)

2) Four (4) Sided Architecture. All buildings shall be architecturally finished on all four (4) sides utilizing the same materials, detailing, articulation and features. The west facing façade (i.e. rear) does not meet this standard. Variance Required. (§6.02.C.1, Art. 05, UDC)

To be able to request a variance, an applicant needs to provide a letter stating the justification for each variance requested and indicate a minimum of two (2) compensatory measures for each that directly tie to off-setting the impact of the variance. Please also note that all of the requested variances will require a simple majority vote for approval. Refer to Section 9, of Article XI, of the UDC for examples of compensatory measures.

- Please provided a letter of explanation for the associated variance and exceptions and the compensatory measures justifying these variances as required by the UDC for consideration.

I.13 Please note that failure to address all comments provided by staff by 3:00 PM on June 2, 2020 will result in the automatic denial of the case on the grounds of an incomplete submittal. No refund will be given for cases that are denied due to an incomplete submittal, and a new application and fee will be required to resubmit the case.

I.14 Staff has identified the aforementioned items necessary to continue the submittal process. Please make these revisions and corrections, and provide any additional information that is requested. Revisions for this case will be due on July 7, 2020; however, it is encouraged for applicants to submit revisions as soon as possible to give staff ample time to review the case prior to the July 14, 2020 Planning & Zoning Regular Meeting.

I.15 The Architectural Review Board (ARB) meeting will be held on June 30, 2020 and will begin at 5:00 p.m. in the City's Council Chambers. The ARB will provide comments or may forward a recommendation to the Planning and Zoning Commission.

I.16 Please note the scheduled meetings for this case:

- 1) Planning & Zoning Work Session meeting will be held on June 30, 2020.
- 2) Architectural Review Board (ARB) meeting will be held on June 30, 2020.
- 3) Planning & Zoning regular meeting/public hearing meeting will be held on July 14, 2020.
- 4) Architectural Review Board (ARB) meeting will be held on July 14, 2020 (if required).

I.17 All meetings will be held in person and in the City's Council Chambers. All meetings listed above are scheduled to begin at 6:00 p.m. The City prefers that a representative(s) be present for these meetings.

| DEPARTMENT  | REVIEWER       | DATE OF REVIEW | STATUS OF PROJECT |
|-------------|----------------|----------------|-------------------|
| ENGINEERING | Sarah Johnston | 06/25/2020     | Needs Review      |

06/25/2020: M - Trash area to drain to an oil/water separator and then to the storm lines.

M - All driveway radii to be 25' min. Standards of Design and Construction Section 2.

M - Sidewalk to be 2' inside the ROW from the property line.

M - Parking against the building to be 20'x9' min and the parking away from the building must be 18'x9' min with a 2' clear overhang. Standards of Design and Construction Section 2.

M - All fire lane to have 20' radius min. Standards of Design and Construction Section 2.

M - All drive isles to be 24' wide min. Standards of Design and Construction Section 2.

M - Must include the filing information for the "Existing fire lane and access easement."

M - Must include a 10' utility easement along all street frontage. Standards of Design and Construction Section 5.

M - Must have detention. Manning's "c-value" is per zoning for the entire property. Must drain to Alpha Drive. Standards of Design and Construction Section 3.

The following is for your information for engineering design.

- I - 4% Engineering Inspection Fees
- I - Impact fees
- I - Min 20' utility easements. No structures in easements. No Detention in Utility Easement.
- I - Fire lane easement to be on plat.
- I - Fire lane to be 24' wide with 20' radii.
- I - May need a new Fire Hydrant.
- I - Parking to be 20'x9' against the building. No dead end parking.
- I - Must construct 5' sidewalk along frontage.
- I - 10' UE along ROW
- I - Need to show existing water and sewer.
- I - Sewer is on the other side of the road. Boring is required but if you have to open cut any portion of the road, you'll have to remove and replace full concrete panels in Alpha Drive or Beta.
- I - Dumpster area to drain to oil/water separator or grease trap, depending on use.
- I - No trees within 5' of public utilities.
- I - Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls.
- I - Must have detention. Manning's "c-value" is per zoning for the entire property. Must drain to Alpha Drive.
- I - No vertical walls in detention
- I - Must meet all City Engineering Standards.
- I - If the drive aisle in along Alpha doesn't need to be fire lane then you don't have to have 20' radius curb returns

| DEPARTMENT | REVIEWER       | DATE OF REVIEW | STATUS OF PROJECT |
|------------|----------------|----------------|-------------------|
| BUILDING   | Rusty McDowell | 06/24/2020     | Approved          |

No Comments

| DEPARTMENT | REVIEWER       | DATE OF REVIEW | STATUS OF PROJECT |
|------------|----------------|----------------|-------------------|
| FIRE       | Ariana Kistner | 06/24/2020     | Denied            |

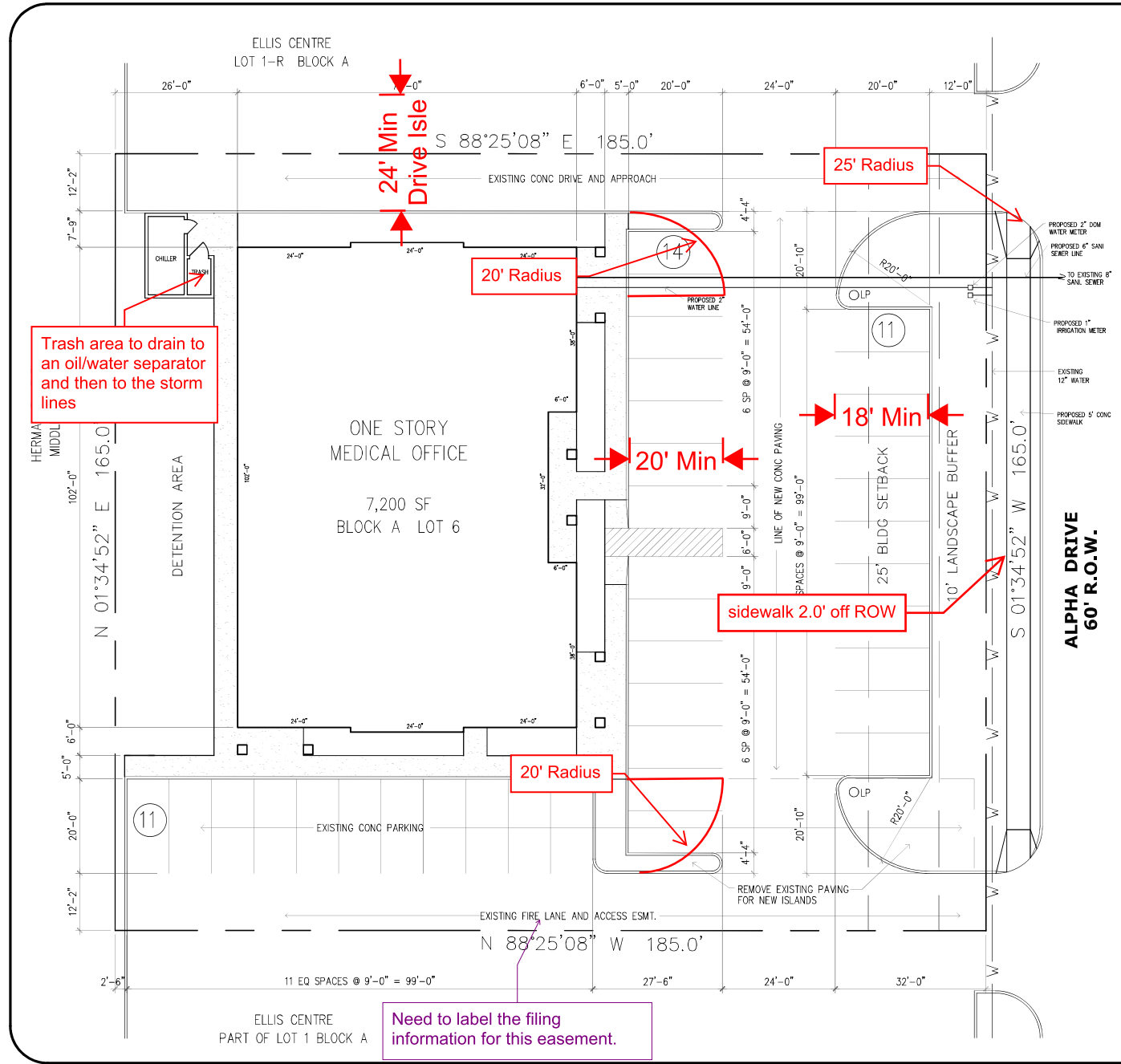
- 06/24/2020: Show location for all proposed and/or existing fire hydrants for fire hose coverage and Needed Fire Flows.  
 Site plan shall indicate the presence of a fire sprinkler system.  
 Show location of Fire Department Connection (FDC) for the fire sprinkler system.  
 FDC shall be facing and visible from the fire lane.  
 FDC must be within 100-feet of a fire hydrant.  
 The FDC shall be clear and unobstructed with a minimum of a 5-foot clear all-weather path from fire lane access.  
 Confirm that the existing fire lane is within an existing fire access easement.

| DEPARTMENT | REVIEWER        | DATE OF REVIEW | STATUS OF PROJECT |
|------------|-----------------|----------------|-------------------|
| GIS        | Lance Singleton | 06/22/2020     | Approved          |

06/22/2020: The assigned address will be 1940 Alpha Dr, Rockwall, TX 75087

| DEPARTMENT | REVIEWER     | DATE OF REVIEW | STATUS OF PROJECT |
|------------|--------------|----------------|-------------------|
| PARKS      | Travis Sales | 06/23/2020     | N/A               |

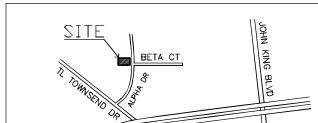
- 06/23/2020: Parking lots trees required in parking lot islands closest to building  
 No trees within 5' of utilities



CONTRACTOR TO VERIFY PLANS AND TO VISIT SITE AND NOTIFY MERSHAW ARCHITECTS OF ANY DISCREPANCIES BEFORE CONSTRUCTION.

- ABSTRACT NO. 9 - WILLIAM BLEVINS SURVEY
1. ZONING: L 1
  2. PROPOSED USE: MEDICAL OFFICE
  3. PROPERTY AREA (GROSS): 30,531 SF 0.70 AC
  4. BUILDING AREA: 7,200 SF
  5. BUILDING HEIGHT: ONE STORY - 28'-3"
  6. LOT COVERAGE: 23.6% F.A.R. = 0.236:1
  7. PARKING REQUIRED: 1 SPACE/200 = 36 SPACES REQUIRED
  8. HANDICAP REQUIRED 2 ACCESSIBLE IN 25-50 SPACES 2 PROVIDED
  9. TOTAL PARKING PROVIDED: 36 SPACES
  10. TOTAL SQUARE FOOTAGE OF IMPERVIOUS SURFACE: 24,558 SF
  11. 15% LANDSCAPE REQUIRED = 4,580 SF PROVIDED 5,973 SF

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB  
 ALL SHERMANS SHALL BE 3000 PSI CONC  
 MIN 5.5 SACK MIX.  
 ALL RASIN ARE 4'-6" UNL.  
 ANY DISCREPANCIES BETWEEN THE PLAN &  
 THE CIVIL ENGINEER'S PLANS SHALL REFER  
 TO THE CIVIL ENGINEERING.



Trash area to drain to an oil/water separator and then to the storm lines

- 4% Engineering Inspection Fees
- Impact fees
- Min 20' utility easements. No structures in easements. No Detention in Utility Easement.
- Fire lane easement to be on plat.
- Fire lane to be 24' wide with 20' radii.
- May need a new Fire Hydrant.
- Parking to be 20'x9' against the building. No dead end parking.
- Must construct 5' sidewalk along frontage.
- 10' UE along ROW
- Need to show existing water and sewer. Boring is required but if you have to open cut any portion of the road, you'll have to remove and replace full concrete panels in Alpha Drive or Beta.
- Dumpster area to drain to oil/water separator or grease trap, depending on use.
- No trees within 5' of public utilities.
- Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls.
- Must have detention. Manning's "c-value" is per zoning for the entire property. Must drain to Alpha Drive.
- No vertical walls in detention
- Must meet all City Engineering Standards.
- If the drive aisle in along Alpha doesn't need to be fire lane then you don't have to have 20' radius curb returns

Need to label the filing information for this easement.

**MEDICAL COMMERCIAL CHURCHES**

**MERSHAW ARCHITECTS**

RESIDENTIAL RESTAURANTS INSTITUTIONAL

PHONE: 409-746-7707

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**ELLIS CENTER MEDICAL OFFICE**  
ROCKWALL, TEXAS

**SITE PLAN**

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |

Scale: 1" = 10'-0"

Date: MM/DD/YY

Project No.: 220424

Designed: CM

Drawn: CM

Checked: M

SHEET  
**A1** OF

HERMAN E. UTLEY  
MIDDLE SCHOOL

N 01°34'52" E 165.0'

S 88°25'08" E 185.0'

ONE STORY  
MEDICAL OFFICE

7,200 SF  
BLOCK A LOT 6

DETENTION AREA

CHILLER  
TRASH

25' BLDG SETBACK

S 01°34'52" W 165.0'

ALPHA DRIVE  
60' R.O.W.

N 88°25'08" W 185.0'

|   | REQUIRED | PROVIDED |
|---|----------|----------|
| 1. STREET TREES<br>1 CANDY PER 50' LINEAR OF R.O.W. | 3        | 3        |
| 2. LANDSCAPE BUFFER                                 | 10'      | 10'      |
| 3. SCREENING OF OFF STREET PARKING                  | NO       | NO       |
| 4. TOTAL LANDSCAPE AREA 15% REQUIRED                | 4,580 SF | 5,973 SF |
| 5. 4 TREES REQUIRED AT REAR OF PROPERTY             | 4        | 4        |

CONTRACTOR TO VERIFY PLANS AND TO VISIT SITE AND NOTIFY MERSHAWN ARCHITECTS OF ANY DISCREPANCIES BEFORE CONSTRUCTION.

- ABSTRACT NO. 9 - WILLIAM BLEVINS SURVEY
- ZONING: L 1
  - PROPOSED USE: MEDICAL OFFICE
  - PROPERTY AREA (GROSS): 30,531 SF 0.70 AC
  - BUILDING AREA: 7,200 SF
  - BUILDING HEIGHT: ONE STORY - 28'-3"
  - LOT COVERAGE: 23.6% F.A.R. = 0.236:1
  - PARKING REQUIRED: 1 SPACE/200 = 36 SPACES REQUIRED
  - HANDICAP REQUIRED 2 ACCESSIBLE IN 25-50 SPACES 2 PROVIDED
  - TOTAL PARKING PROVIDED: 36 SPACES
  - TOTAL SQUARE FOOTAGE OF IMPERVIOUS SURFACE: 24,558 SF
  - 15% LANDSCAPE REQUIRED = 4,580 SF PROVIDED 5,973 SF

THERE IS NO MITIGATION FOR THIS PROPERTY

- LIVE OAKS (6)  
INSTALLED WITH A MIN. 4" CALIPER
- RED BUD (8)  
MIN 4' TALL
- INDIAN HAWTHORNE (74)  
PLANTS SHALL BE A MINIMUM OF 5-GALLONS & SHALL CREATE A MINIMUM 30" TALL SCREEN WITHIN TWO YEARS OF PLANTING. SHALL BE PLANTED @ 36" O.C.
- BOXWOOD BUSH (66)  
PLANTS SHALL BE A MINIMUM OF 5-GALLONS & SHALL CREATE A MINIMUM 2" TALL SCREEN WITHIN TWO YEARS OF PLANTING. SHALL BE PLANTED @ 36" O.C.

NO PARKING SPACE SHALL BE MORE THAN 80' FROM A CANOPY TREE  
ALL AREAS NOT SHOWN AS SPECIFIC PLANT MATERIAL SHALL BE SOODED, BERMOUDA.

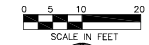
IN ORDER TO MEET BUDGET TREES SPECIFIED MAY NOT BE USED OTHER TREES FROM THE APPROVED CITY OF ROCKWALL PLANT LIST MAY BE SUITABLE FOR SUBSTITUTION.

REQUIRED LANDSCAPE AREAS SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM SYSTEM SHALL HAVE FREEZE GUARD AND RAINSTAY.

CONTRACTOR SHALL SUPPLY SLEEVES AS NEEDED FOR IRRIGATION.

TREES AND PLANTS SHALL BE PLANTED NO CLOSER THAN WITHIN 4' OF CURB AT PARKING SPACES AND NO CLOSER THAN 5' FROM ANY WATER, SEWER, OR STORM SEWER LINES.

ALL R.O.W. SHALL BE SOODED



**PRICING & CONSTRUCTION  
GENERAL NOTES:**

- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO INDICATE EACH AND EVERY FITTING, OFFSET, OR OTHER APPURTENANCE NECESSARY TO COMPLETE THE SYSTEM.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE DOCUMENTS AND INCLUDE ALL NECESSARY ITEMS TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.
- ANY DISCREPANCIES NOTED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT (IN WRITING) BEFORE BIDDING THIS PROJECT.
- AFTER BIDS ARE TURNED IN, THE CONTRACTOR SHALL COMPLETE THE SYSTEMS AT NO ADDITIONAL COST.
- PLUMBING, MECHANICAL, AND ELECTRICAL SUBCONTRACTORS ARE RESPONSIBLE FOR COORDINATING ALL COMPONENTS TO INSURE COMPLETE AND WORKING SYSTEMS EACH SUBCONTRACTOR SHALL REVIEW ALL DRAWINGS FOR COMPLIANCE.
- THE ARCHITECT WILL BE RESPONSIBLE TO DETERMINE WHICH TRADE SHALL PROVIDE AND INSTALL ANY COMPONENTS MISSED FOR WORKING SYSTEMS AS NEEDED.

- Need to show existing and proposed water and sewer to verify spacing.

SITE PLAN SIGNATURE BLOCK

APPROVED:  
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the planning and zoning commission of the City of Rockwall on the 15th day of February, 2020.

WITNESS OUR HANDS, this \_\_\_\_\_ day of \_\_\_\_\_

Planning & Zoning Commission, Chairman      Director of Planning and Zoning

**ELLIS CENTRE  
INDUSTRIAL PARK**

BEING A 0.70 AC. TRACT OF LAND SITUATED IN THE ELLIS CENTRE #2 INDUSTRIAL PARK LOT 6 BLOCK A IN THE CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

OWNER:  
ASAT ESTATE LLC  
MEMBER, L.P. 7587  
CASE #SP2020-000

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RESIDENTIAL RESTAURANTS  
INSTITUTIONAL  
ARCHITECTS  
PHONE: 469-746-7070

MEDICAL COMMERCIAL  
CHURCHES  
MERSHAWN  
ARCHITECTS  
1300 E. INTERSTATE 30  
ROCKWALL, TEXAS 75087

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS  
LANDSCAPE PLAN

|              |             |
|--------------|-------------|
| Scale:       | 1" = 10'-0" |
| Date:        | 02/20/21    |
| Project No.: | 22044       |
| Design:      | CM          |
| Drawn:       | CM          |
| Checked:     | ME          |

SHEET  
11 OF  
1



# DEVELOPMENT APPLICATION

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

STAFF USE ONLY  
PLANNING AND ZONING CASE NO.

**NOTE:** THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

Please check the appropriate box below to indicate the type of development request [SELECT ONLY ONE BOX]:

### Platting Application Fees:

- Master Plat (\$100.00 + \$15.00 Acre)<sup>1</sup>
- Preliminary Plat (\$200.00 + \$15.00 Acre)<sup>1</sup>
- Final Plat (\$300.00 + \$20.00 Acre)<sup>1</sup>
- Replat (\$300.00 + \$20.00 Acre)<sup>1</sup>
- Amending or Minor Plat (\$150.00)
- Plat Reinstatement Request (\$100.00)

### Site Plan Application Fees:

- Site Plan (\$250.00 + \$20.00 Acre)<sup>1</sup>
- Amended Site Plan/Elevations/Landscaping Plan (\$100.00)

### Zoning Application Fees:

- Zoning Change (\$200.00 + \$15.00 Acre)<sup>1</sup>
- Specific Use Permit (\$200.00 + \$15.00 Acre)<sup>1</sup>
- PD Development Plans (\$200.00 + \$15.00 Acre)<sup>1</sup>

### Other Application Fees:

- Tree Removal (\$75.00)
- Variance Request (\$100.00)

### Notes:

<sup>1</sup>: In determining the fee, please use the exact acreage when multiplying by the per acre amount. For requests on less than one acre, round up to one (1) acre.

## PROPERTY INFORMATION [PLEASE PRINT]

Address: LOT 1 BLOCK A

Subdivision: ELVIS CENTER ADDITION Lot 6 Block A

General Location: West side of Alpha Rd across from Beta Ct.

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

|                 |             |                 |                       |
|-----------------|-------------|-----------------|-----------------------|
| Current Zoning  | <u>L1</u>   | Current Use     | <u>Vacant</u>         |
| Proposed Zoning | <u>L1</u>   | Proposed Use    | <u>Medical office</u> |
| Acreage         | <u>0.70</u> | Lots [Current]  | <u>1</u>              |
|                 |             | Lots [Proposed] | <u>1</u>              |

**SITE PLANS AND PLATS:** By checking this box you acknowledge that due to the passage of HB3167 the City no longer has flexibility with regard to its approval process, and failure to address any of staff's comments by the date provided on the Development Calendar will result in the denial of your case.

## OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

|                                |                              |   |                               |
|--------------------------------|------------------------------|---|-------------------------------|
| <input type="checkbox"/> Owner | <u>Vats Akhil and Deepti</u> | <input checked="" type="checkbox"/> Applicant | <u>Mershawn Architects</u>    |
| Contact Person                 | <u>Adot Estate LLC</u>       | Contact Person                                | <u>Greg Wallis</u>            |
| Address                        | <u>482 Arcadia Way</u>       | Address                                       | <u>1520 E I-30</u>            |
| City, State & Zip              | <u>Rockwall, TX 75087</u>    | City, State & Zip                             | <u>Rockwall, TX 75087</u>     |
| Phone                          |                              | Phone   | <u>817-235-9253</u>           |
| E-Mail                         | <u>akhilvats@gmail.com</u>   | E-Mail  | <u>mershawncrch@gmail.com</u> |

## NOTARY VERIFICATION [REQUIRED]

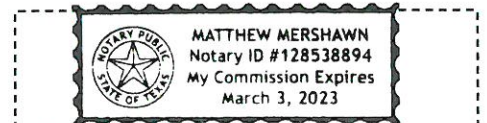
Before me, the undersigned authority, on this day personally appeared Ankit Parmar [Owner] the undersigned, who stated the information on this application to be true and certified the following:

"I hereby certify that I am the owner for the purpose of this application; all information submitted herein is true and correct; and the application fee of \$ 270.00, to cover the cost of this application, has been paid to the City of Rockwall on this the 19 day of JUNE, 2020. By signing this application, I agree that the City of Rockwall (i.e. "City") is authorized and permitted to provide information contained within this application to the public. The City is also authorized and permitted to reproduce any copyrighted information submitted in conjunction with this application, if such reproduction is associated or in response to a request for public information."

Given under my hand and seal of office on this the 19th day of June, 2020.

Owner's Signature

Notary Public in and for the State of Texas

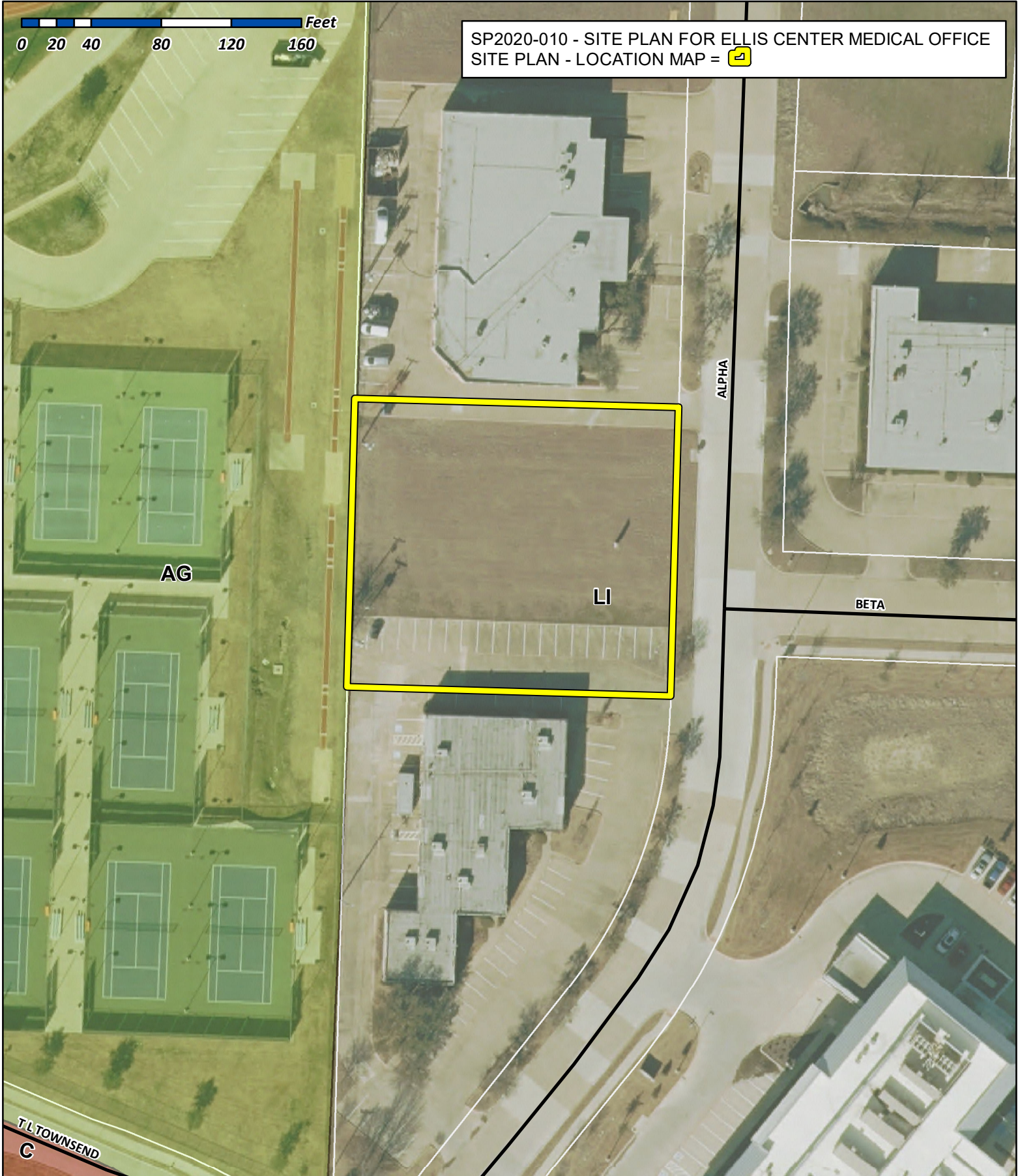


My Commission Expires

3-3-23

0 20 40 80 120 160 Feet

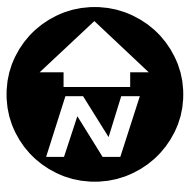
SP2020-010 - SITE PLAN FOR ELLIS CENTER MEDICAL OFFICE  
SITE PLAN - LOCATION MAP = 



## City of Rockwall

Planning & Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75032  
(P): (972) 771-7745  
(W): [www.rockwall.com](http://www.rockwall.com)

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.

















CONTRACTOR TO VERIFY PLANS AND TO VISIT SITE AND NOTIFY MERSHAWN ARCHITECTS OF ANY DISCREPANCIES BEFORE CONSTRUCTION.

|    |   | REQUIRED | PROVIDED |
|----|---|----------|----------|
| 1. | STREET TREES<br>1 CANOPY PER 50' LINEAR OF R.O.W. | 3        | 3        |
| 2. | LANDSCAPE BUFFER                                  | 10'      | 10'      |
| 3. | SCREENING OF OFF STREET PARKING                   | NO       | NO       |
| 4. | TOTAL LANDSCAPE AREA 15% REQUIRED                 | 4,580 SF | 5,973 SF |
| 5. | 4 TREES REQUIRED AT REAR OF PROPERTY              | 4        | 4        |

ABSTRACT NO. 9 - WILLIAM BLEVINS SURVEY

- ZONING: L I
- PROPOSED USE: MEDICAL OFFICE
- PROPERTY AREA (GROSS): 30,531 SF 0.70 AC
- BUILDING AREA: 7,200 SF
- BUILDING HEIGHT: ONE STORY - 28'-3"
- LOT COVERAGE: 23.6% F.A.R. = 0.236:1
- PARKING REQUIRED: 1 SPACE/200 = 36 SPACES REQUIRED
- HANDICAP REQUIRED 2 ACCESSIBLE IN 25-50 SPACES 2 PROVIDED
- TOTAL PARKING PROVIDED: 36 SPACES
- TOTAL SQUARE FOOTAGE OF IMPERVIOUS SURFACE: 24,558 SF
- 15% LANDSCAPE REQUIRED = 4,580 SF PROVIDED 5,973 SF

THERE IS NO MITIGATION FOR THIS PROPERTY

- LIVE OAKS (6)  
INSTALLED WITH A MIN. 4" CALIPER
- RED BUD (8)  
MIN 4' TALL
- INDIAN HAWTHORNE (74)  
PLANTS SHALL BE A MINIMUM OF 5-GALLONS & SHALL CREATE A MINIMUM 30" TALL SCREEN WITHIN TWO YEARS OF PLANTING. SHALL BE PLANTED @ 36" O.C.
- BOXWOOD BUSH (66)  
PLANTS SHALL BE A MINIMUM OF 5-GALLONS & SHALL CREATE A MINIMUM 2' TALL SCREEN WITHIN TWO YEARS OF PLANTING. SHALL BE PLANTED @ 36" O.C.

NO PARKING SPACE SHALL BE MORE THAN 80' FROM A CANOPY TREE  
ALL AREAS NOT SHOWN AS SPECIFIC PLANT MATERIAL SHALL BE SODDED, BERMUUDA.

IN ORDER TO MEET BUDGET TREES SPECIFIED MAY NOT BE USED OTHER TREES FROM THE APPROVED CITY OF ROCKWALL PLANT LIST MAY BE SUITABLE FOR SUBSTITUTION.

REQUIRED LANDSCAPE AREAS SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. SYSTEM SHALL HAVE FREEZE GUARD AND RAINSTAT.

CONTRACTOR SHALL SUPPLY SLEEVES AS NEEDED FOR IRRIGATION.

TREES AND PLANTS SHALL BE PLANTED NO CLOSER THAN WITHIN 4' OF CURB AT PARKING SPACES AND NO CLOSER THAN 5' FROM ANY WATER, SEWER, OR STORM SEWER LINES.  
ALL R.O.W. SHALL BE SODDED

HERMAN E UTLEY  
MIDDLE SCHOOL

N 01°34'52" E 165.0'

S 88°25'08" E 185.0'

CHILLER  
TRASH

DETENTION AREA

ONE STORY  
MEDICAL OFFICE  
7,200 SF  
BLOCK A LOT 6

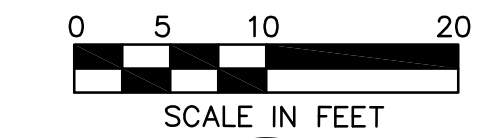
25' BLDG SETBACK

10' LANDSCAPE BUFFER

S 01°34'52" W 165.0'

ALPHA DRIVE  
60' R.O.W.

N 88°25'08" W 185.0'



PRICING & CONSTRUCTION  
GENERAL NOTES:

- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO INDICATE EACH AND EVERY FITTING, OFFSET, OR OTHER APPURTENANCE NECESSARY TO COMPLETE THE SYSTEM.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE DOCUMENTS AND INCLUDE ALL NECESSARY ITEMS TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.
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- THE ARCHITECT WILL BE RESPONSIBLE TO DETERMINE WHICH TRADE SHALL PROVIDE AND INSTALL ANY COMPONENTS MISSED FOR WORKING SYSTEMS AS NEEDED.

SITE PLAN SIGNATURE BLOCK

APPROVED:  
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the planning and zoning commission of the City of Rockwall on the 11th day of February, 2020.

WITNESS OUR HANDS, this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_  
Planning & Zoning Commission, Chairman      Director of Planning and Zoning

ELLIS CENTRE  
INDUSTRIAL PARK  
BEING A 0.70 AC. TRACT OF LAND SITUATED  
IN THE ELLIS CENTRE #2 INDUSTRIAL PARK  
LOT 6 BLOCK A IN THE CITY OF ROCKWALL,  
ROCKWALL COUNTY, TEXAS

OWNER  
ADAT ESTATE LLC  
402 BRIDLE WAY  
ROCKWALL, TEXAS 75087

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CASE #SP2020-000

RESIDENTIAL RESTAURANTS  
INSTITUTIONAL  
ARCHITECTS

MEDICAL COMMERCIAL  
CHURCHES  
MERSHAWN ARCHITECTS

1520 E INTERSTATE 30  
ROCKWALL, TEXAS 75087

PHONE: 469-745-1701

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS

LANDSCAPE PLAN

Scale: 1" = 10'-0"

Date: MM/DD/YY

Project No.: 200404

Designed: GW

Drawn: GW

Checked: MM

SHEET  
11 OF  
1

| Luminaire Schedule |      |     |   |                    |                   |                |                   |                     |
|--------------------|------|-----|---|--------------------|-------------------|----------------|-------------------|---------------------|
| Symbol             | Type | Qty | Manufacturer / Catalog Number                             | Total Lumen Output | Total Input Watts | Ballast Factor | Light Lost Factor | User Defined Factor |
| LP                 | LP   | 2   | LITHONIA_DSX1 LED P5 40K TFTM VOLTAGE MOUNTING HS FINISH  | 12359              | 138               | 1.000          | 0.808             | 1.000               |
| WP                 | WP   | 5   | LITHONI_WDGE1 LED P2 40K 80CRI VF VOLTAGE MOUNTING FINISH | 1979               | 15.0178           | 1.000          | 0.808             | 1.000               |

| Calculation Summary       |                    |       |      |     |     |         |
|---------------------------|--------------------|-------|------|-----|-----|---------|
| Calculation Grid Location | Calc. Height (Ft.) | Units | Avg  | Max | Min | Avg/Min |
| GRADE_Planar              | 0                  | Fc    | 0.29 | 4.1 | 0.0 | N.A.    |
| PARKING LOT & DRIVEWAY    |                    | Fc    | 1.45 | 3.7 | 0.0 | N.A.    |

CONTRACTOR TO VERIFY PLANS AND TO VISIT SITE AND NOTIFY MERSHAWN ARCHITECTS OF ANY DISCREPANCIES BEFORE CONSTRUCTION.

- ABSTRACT NO. 9 - WILLIAM BLEVINS SURVEY
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HERMAN E UTLEY  
MIDDLE SCHOOL

N 01°34'52" E 165.0'

DETENTION AREA

ONE STORY  
MEDICAL OFFICE  
7,200 SF  
BLOCK A LOT 6

25' BLDG SETBACK

10' LANDSCAPE BUFFER

S 01°34'52" W 165.0'

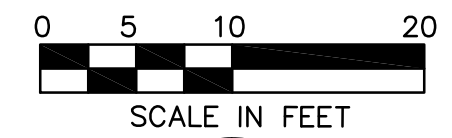
ALPHA DRIVE  
60' R.O.W.

SITE PLAN SIGNATURE BLOCK

APPROVED:  
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WITNESS OUR HANDS, this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_  
Planning & Zoning Commission, Chairman      Director of Planning and Zoning



PRICING & CONSTRUCTION  
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LOT 6 BLOCK A IN THE CITY OF ROCKWALL,  
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OWNER  
ADAT ESTATE LLC  
852 BRIDLE WAY  
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CASE #SP2020-000

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1520 E INTERSTATE 30  
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| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
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|     |      |          |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS

PHOTOMETRIC PLAN

Scale: 1" = 10'-0"

Date: MM/DD/YY

Project No.: 200404

Designed: GW

Drawn: GW

Checked: MM

SHEET  
**AP1** OF  
**1**



# WEDGE1 LED

## Architectural Wall Sconce



Catalog Number

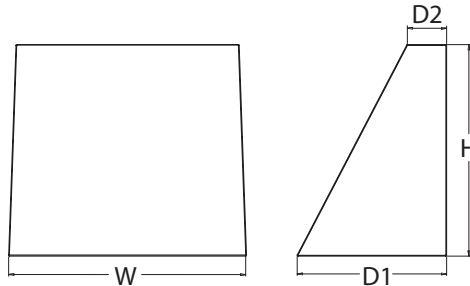
Notes

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

### Specifications

**Depth (D1):** 5.5"  
**Depth (D2):** 1.5"  
**Height:** 8"  
**Width:** 9"  
**Weight:** 9 lbs  
 (without options)



### Introduction

The WEDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WEDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WEDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

### WEDGE LED Family Overview

| Luminaire  | Standard EM, 0°C | Cold EM, -20°C | Sensor              | Lumens (4000K) |        |        |        |        |        |
|------------|------------------|----------------|---------------------|----------------|--------|--------|--------|--------|--------|
|            |                  |                |                     | P1             | P2     | P3     | P4     | P5     | P6     |
| WEDGE1 LED | 4W               | --             | --                  | 1,200          | 2,000  | --     | --     | --     | --     |
| WEDGE2 LED | 10W              | 18W            | Standalone / nLight | 1,200          | 2,000  | 3,000  | 4,500  | 6,000  | --     |
| WEDGE3 LED | 15W              | 18W            | Standalone / nLight | 7,500          | 8,500  | 10,000 | 12,000 | --     | --     |
| WEDGE4 LED | --               | --             | Standalone / nLight | 12,000         | 16,000 | 18,000 | 20,000 | 22,000 | 25,000 |

### Ordering Information

**EXAMPLE:** WEDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

| Series     | Package  | Color Temperature  | CRI            | Distribution  | Voltage                   | Mounting   |
|------------|----------|--|----------------|---|---------------------------|--|
| WEDGE1 LED | P1<br>P2 | 27K 2700K<br>30K 3000K<br>35K 3500K<br>40K 4000K<br>50K <sup>1</sup> 5000K | 80CRI<br>90CRI | VF Visual comfort forward throw<br>VW Visual comfort wide | MVOLT<br>347 <sup>2</sup> | <b>Shipped included</b><br>SRM Surface mounting bracket<br>ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>5</sup><br><b>Shipped separately</b><br>AWS 3/8inch Architectural wall spacer<br>BBW Surface-mounted back box<br>PBBW Premium surface-mounted back box (top, left, right conduit entry) |

| Options   | Finish                           |
|---|----------------------------------|
| E4WH <sup>3</sup> Emergency battery backup, CEC compliant (4W, 0°C min)                               | DDBXD Dark bronze                |
| PE <sup>4</sup> Photocell, Button Type  | DBLXD Black                      |
| DS Dual switching ( comes with 2 drivers and 2 light engines; see page 3 for details)                 | DNAXD Natural aluminum           |
| DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) | DWHXD White                      |
| BCE Bottom conduit entry for premium back box (PBBW). Total of 4 entry points.                        | DSSXD Sandstone                  |
|   | DDBTXD Textured dark bronze      |
|   | DBLTXD Textured black            |
|   | DNATXD Textured natural aluminum |
|   | DWHGXD Textured white            |
|   | DSSTXD Textured sandstone        |

### Accessories

Ordered and shipped separately.

|                   |  |
|-------------------|--|
| WDGEAWS DDBXD U   | WEDGE 3/8inch Architectural Wall Spacer (specify finish) |
| WDGE1PBBW DDBXD U | WEDGE1 Premium surface-mounted back box (specify finish) |
| WSBBW DDBXD U     | Surface - mounted back box (specify finish)              |

### NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS or PE.
- E4WH not available with PE or DS.
- PE not available with DS.
- Not qualified for DLC. Not available with E4WH.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.lithonia.com](http://www.lithonia.com)  
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WEDGE1 LED  
 Rev. 04/15/20



## 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.

| Performance Package | System Watts | Dist. Type | 27K (2700K, 80 CRI) |     |   |   |   | 30K (3000K, 80 CRI) |     |   |   |   | 35K (3500K, 80 CRI) |     |   |   |   | 40K (4000K, 80 CRI) |     |   |   |   | 50K (5000K, 80 CRI) |     |   |   |   |
|---------------------|--------------|------------|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|
|                     |              |            | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G |
| P1                  | 10W          | VF         | 1,120               | 112 | 0 | 0 | 0 | 1,161               | 116 | 0 | 0 | 0 | 1,194               | 119 | 0 | 0 | 0 | 1,227               | 123 | 0 | 0 | 0 | 1,235               | 123 | 0 | 0 | 0 |
|                     |              | VW         | 1,122               | 112 | 0 | 0 | 0 | 1,163               | 116 | 0 | 0 | 0 | 1,196               | 120 | 0 | 0 | 0 | 1,229               | 123 | 0 | 0 | 0 | 1,237               | 124 | 0 | 0 | 0 |
| P2                  | 15W          | VF         | 1,806               | 120 | 1 | 0 | 0 | 1,872               | 125 | 1 | 0 | 0 | 1,925               | 128 | 1 | 0 | 0 | 1,978               | 132 | 1 | 0 | 0 | 1,992               | 133 | 1 | 0 | 0 |
|                     |              | VW         | 1,809               | 120 | 1 | 0 | 0 | 1,876               | 125 | 1 | 0 | 0 | 1,929               | 128 | 1 | 0 | 0 | 1,982               | 132 | 1 | 0 | 0 | 1,996               | 133 | 1 | 0 | 0 |

### Electrical Load

| Performance Package | System Watts | Current (A) |       |       |       |       |
|---------------------|--------------|-------------|-------|-------|-------|-------|
|                     |              | 120V        | 208V  | 240V  | 277V  | 347V  |
| P1                  | 10W          | 0.082       | 0.049 | 0.043 | 0.038 | --    |
|                     | 13W          | --          | --    | --    | --    | 0.046 |
| P2                  | 15W          | 0.132       | 0.081 | 0.072 | 0.064 | --    |
|                     | 18W          | --          | --    | --    | --    | 0.056 |

### Lumen Multiplier for 90CRI

| CCT | Multiplier |
|-----|------------|
| 27K | 0.845      |
| 30K | 0.867      |
| 35K | 0.845      |
| 40K | 0.885      |
| 50K | 0.898      |

### Lumen Output in Emergency Mode (4000K, 80 CRI)

| Option | Dist. Type | Lumens |
|--------|------------|--------|
| E4WH   | VF         | 646    |
|        | VW         | 647    |

### 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   | 1.03             |
| 10°C / 50°F  | 1.02             |
| 20°C / 68°F  | 1.01             |
| 25°C / 77°F  | 1.00             |
| 30°C / 86°F  | 0.99             |
| 40°C / 104°F | 0.98             |

### 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).

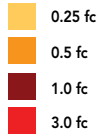
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

| Operating Hours          | 0   | 25,000 | 50,000 | 100,000 |
|--------------------------|-----|--------|--------|---------|
| Lumen Maintenance Factor | 1.0 | >0.96  | >0.95  | >0.91   |

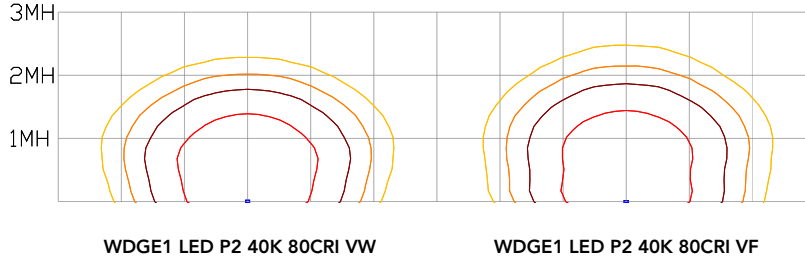
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

### LEGEND



MH = 8ft  
Grid = 8ft x 8ft



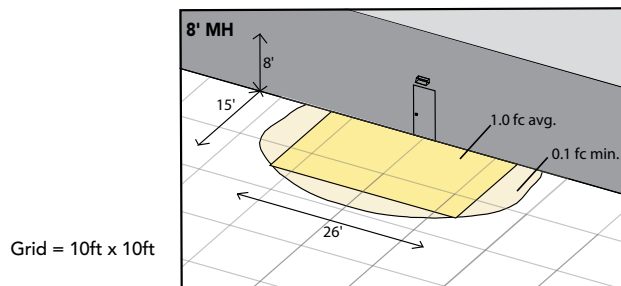
## Emergency Egress Options

### Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

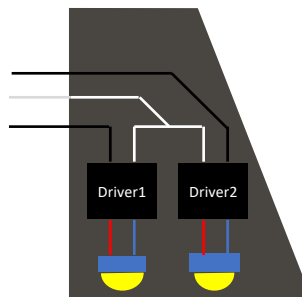


WDGE1 LED xx 40K 80CRI VF MVOLT E4WH

### Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





**E4WH – 4W Emergency Battery Backup**

D = 5.5"

H = 8"

W = 9"

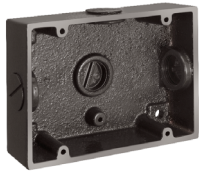


**PBBW – Premium Back Box**

D = 1.75"

H = 8"

W = 9"



**BBW – Standard Back Box**

D = 1.5"

H = 4"

W = 5.5"



**AWS – 3/8inch Architectural Wall Spacer**

D = 0.38"

H = 4.4"

W = 7.5"

## FEATURES & SPECIFICATIONS

### INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

### CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

### FINISH

Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

### OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED 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 consists of high-efficiency LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

### LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. 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](http://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 2700K and 3000K color temperature only and SRM mounting only.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.



# D-Series Size 1 LED Area Luminaire

d#series

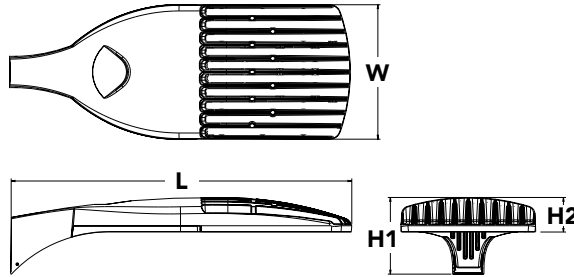


|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

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

## Specifications

|                      |  |
|----------------------|--|
| <b>EPA:</b>          | 1.01 ft <sup>2</sup><br>(0.09 m <sup>2</sup> ) |
| <b>Length:</b>       | 33"<br>(83.8 cm)                               |
| <b>Width:</b>        | 13"<br>(33.0 cm)                               |
| <b>Height H1:</b>    | 7-1/2"<br>(19.0 cm)                            |
| <b>Height H2:</b>    | 3-1/2"   |
| <b>Weight (max):</b> | 27 lbs<br>(12.2 kg)                            |



## Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

A+ Capable options indicated by this color background.

## Ordering Information

**EXAMPLE:** DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

| DSX1 LED |                                   | Color temperature |        | Distribution |                           | Voltage | Mounting                         |                    |   |
|----------|-----------------------------------|-------------------|--------|--------------|---------------------------|---------|----------------------------------|--------------------|---|
| Series   | LEDs                              | Color temperature |        | Distribution |                           | Voltage | Mounting                         |                    |   |
| DSX1 LED | <b>Forward optics</b>             | 30K               | 3000 K | T1S          | Type I short (Automotive) | T5VS    | Type V very short <sup>2</sup>   | MVOLT <sup>4</sup> | <b>Shipped included</b><br>SPA Square pole mounting<br>RPA Round pole mounting<br>WBA Wall bracket <sup>2</sup><br>SPUMBA Square pole universal mounting adaptor <sup>6</sup><br>RPUMBA Round pole universal mounting adaptor <sup>6</sup><br><b>Shipped separately</b><br>KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) <sup>7</sup> |
|          | P1 P4 P7                          | 40K               | 4000 K | T2S          | Type II short             | T5S     | Type V short <sup>2</sup>        | 120 <sup>5</sup>   |   |
|          | P2 P5 P8                          | 50K               | 5000 K | T2M          | Type II medium            | T5M     | Type V medium <sup>2</sup>       | 208 <sup>5</sup>   |   |
|          | P3 P6 P9                          |                   |        | T3S          | Type III short            | T5W     | Type V wide <sup>2</sup>         | 240 <sup>5</sup>   |   |
|          | <b>Rotated optics</b>             |                   |        | T3M          | Type III medium           | BLC     | Backlight control <sup>3</sup>   | 277 <sup>5</sup>   |   |
|          | P10 <sup>1</sup> P12 <sup>1</sup> |                   |        | T4M          | Type IV medium            | LCCO    | Left corner cutoff <sup>3</sup>  | 347 <sup>5</sup>   |   |
|          | P11 <sup>1</sup> P13 <sup>1</sup> |                   |        | TFTM         | Forward throw medium      | RCCO    | Right corner cutoff <sup>3</sup> | 480 <sup>5</sup>   |   |
|          |                                   |                   |        |              |                           |         |                                  |                    |   |
|          |                                   |                   |        |              |                           |         |                                  |                    |   |
|          |                                   |                   |        |              |                           |         |                                  |                    |   |

| Control options  | Other options   | Finish (required)   |
|--|---|---|
| <b>Shipped installed</b><br>NLTAIR2 nLight AIR generation 2 enabled <sup>8</sup><br>PIRHN Network, high/low motion/ambient sensor <sup>9</sup><br>PER NEMA twist-lock receptacle only (controls ordered separate) <sup>10</sup><br>PER5 Five-pin receptacle only (controls ordered separate) <sup>10,11</sup><br>PER7 Seven-pin receptacle only (controls ordered separate) <sup>10,11</sup><br>DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) <sup>13</sup><br>DS Dual switching <sup>13,14,15</sup> | PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc <sup>16,17</sup><br>PIRH High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc <sup>16,17</sup><br>PIR1FC3V High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>16,17</sup><br>PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>16,17</sup><br>FAO Field adjustable output <sup>15</sup> | <b>Shipped installed</b><br>HS House-side shield <sup>18</sup><br>SF Single fuse (120, 277, 347V) <sup>5</sup><br>DF Double fuse (208, 240, 480V) <sup>5</sup><br>L90 Left rotated optics <sup>1</sup><br>R90 Right rotated optics <sup>1</sup><br><b>Shipped separately</b><br>BS Bird spikes <sup>19</sup><br>EGS External glare shield |
|  |   | DDBXD Dark bronze<br>DBLXD Black<br>DNAXD Natural aluminum<br>DWHXD White<br>DDBTXD Textured dark bronze<br>DBLBXD Textured black<br>DNATXD Textured natural aluminum<br>DWHGXD Textured white  |



## Ordering Information

### Accessories

Ordered and shipped separately.

|                    |   |
|--------------------|---|
| DLL127F 1.5 JU     | Photocell - SSL twist-lock (120-277V) <sup>20</sup>                             |
| DLL347F 1.5 CUL JU | Photocell - SSL twist-lock (347V) <sup>20</sup>                                 |
| DLL480F 1.5 CUL JU | Photocell - SSL twist-lock (480V) <sup>20</sup>                                 |
| DSHORT SBK U       | Shorting cap <sup>20</sup>  |
| DSX1HS 30C U       | House-side shield for P1, P2, P3, P4 and P5 <sup>18</sup>                       |
| DSX1HS 40C U       | House-side shield for P6 and P7 <sup>18</sup>                                   |
| DSX1HS 60C U       | House-side shield for P8, P9, P10, P11 and P12 <sup>18</sup>                    |
| PUMBA DDBXD U*     | Square and round pole universal mounting bracket (specify finish) <sup>21</sup> |
| KMA8 DDBXD U       | Mast arm mounting bracket adaptor (specify finish) <sup>7</sup>                 |
| DSX1EGS (FINISH) U | External glare shield   |

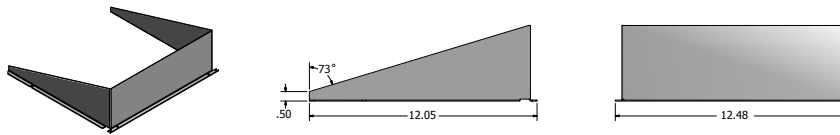
For more control options, visit [DTL](#) and [ROAM](#) online.

### NOTES

- P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
- Any Type 5 distribution with photocell, is not available with WBA.
- Not available with HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Universal mounting brackets intended for retrofit on existing, pre-drilled poles only. 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. Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- Must be ordered with NLTAR2. For more information on Light Air 2 visit [this link](#).
- 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<sup>®</sup> node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Node with integral dimming.
- DMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- 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 with isolated neutral. See Outdoor Control Technical Guide for details.
- Reference Motion Sensor table on page 4.
- Reference controls options table on page 4 to see functionality.
- 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.

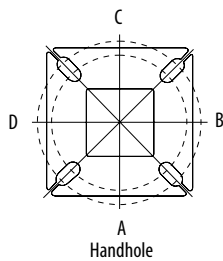
## Options

### EGS - External Glare Shield



## Drilling

### HANDHOLE ORIENTATION



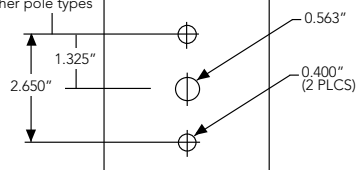
### Tenon Mounting Slipfitter\*\*

| Tenon O.D. | Mounting | Single Unit | 2 @ 180   | 2 @ 90    | 3 @ 120   | 3 @ 90    | 4 @ 90    |
|------------|----------|-------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8"     | SPA/RPA  | AS3-5 190   | AS3-5 280 | AS3-5 290 | AS3-5 320 | AS3-5 390 | AS3-5 490 |
|            | SPUMBA   | AS3-5 190   | AS3-5 280 | AS4-5 290 | AS3-5 320 | AS4-5 390 | AS4-5 490 |
|            | RUPUMBA  | AS3-5 190   | AS3-5 280 |           | AS3-5 320 |           |           |
| 2-7/8"     | SPA/RPA  | AST25-190   | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
|            | SPUMBA   | AST25-190   | AST25-280 |           | AST25-320 |           |           |
|            | RUPUMBA  | AST25-190   | AST25-280 |           | AST25-320 |           |           |
| 4"         | SPA/RPA  | AST35-190   | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |
|            | SPUMBA   | AST35-190   | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |
|            | RUPUMBA  | AST35-190   | AST35-280 |           | AST35-320 |           |           |

### Template #8

### Top of Pole

1.75" for aluminum poles  
2.75" for other pole types



| Mounting Option    | Drilling Template | Single | 2 @ 180    | 2 @ 90     | 3 @ 90        | 3 @ 120         | 4 @ 90           |
|--------------------|-------------------|--------|------------|------------|---------------|-----------------|------------------|
| Head Location      |                   | Side B | Side B & D | Side B & C | Side B, C & D | Round Pole Only | Side A, B, C & D |
| Drill Nomenclature | #8                | DM19AS | DM28AS     | DM29AS     | DM39AS        | DM32AS          | DM49AS           |

|         | Drilling Template | Minimum Acceptable Outside Pole Dimension |        |      |      |      |      |
|---------|-------------------|---|--------|------|------|------|------|
| SPA     | #8                | 2-7/8"                                    | 2-7/8" | 3.5" | 3.5" | 3"   | 3.5" |
| RPA     | #8                | 2-7/8"                                    | 2-7/8" | 3.5" | 3.5" | 3"   | 3.5" |
| SPUMBA  | #5                | 2-7/8"                                    | 3"     | 4"   | 4"   | 3.5" | 4"   |
| RUPUMBA | #5                | 2-7/8"                                    | 3.5"   | 5"   | 5"   | 3.5" | 5"   |

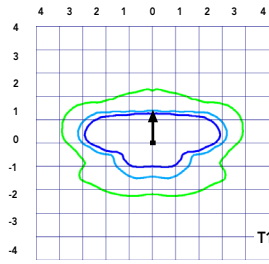
# Photometric Diagrams

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

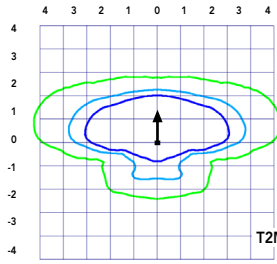
Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').

### LEGEND

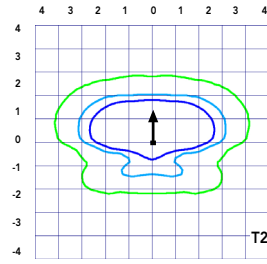
- 0.1 fc
- 0.5 fc
- 1.0 fc



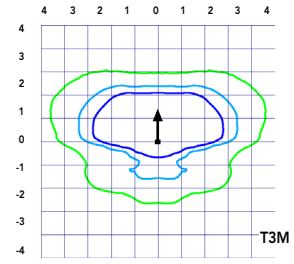
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



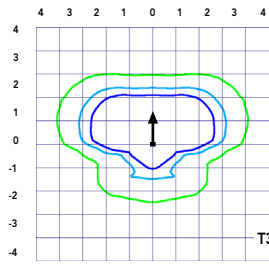
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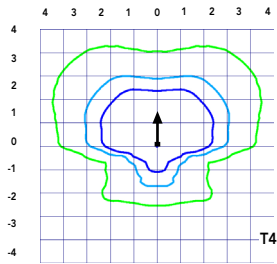
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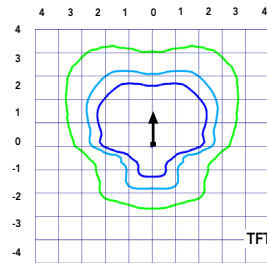
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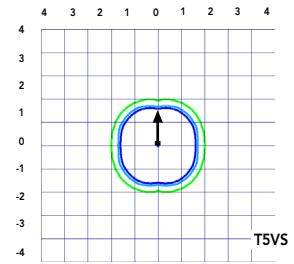
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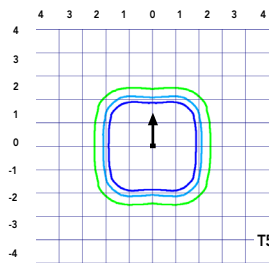
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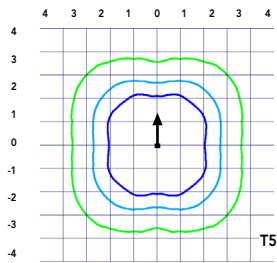
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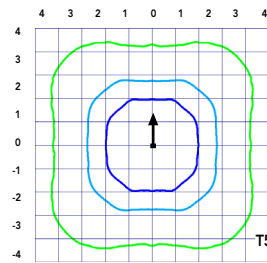
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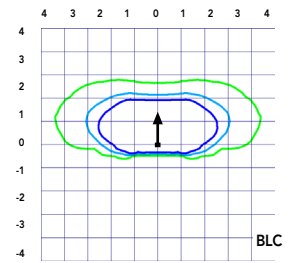
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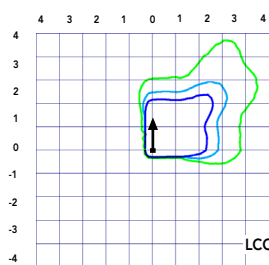
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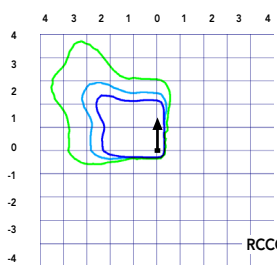
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



Test No. LT.L23164B tested in accordance with IESNA LM-79-08.

## 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             |
| <b>25°C</b> | <b>77°F</b> | <b>1.00</b>      |
| 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 | Lumen Maintenance Factor |
|-----------------|--------------------------|
| 0               | 1.00                     |
| 25,000          | 0.96                     |
| 50,000          | 0.92                     |
| 100,000         | 0.85                     |

#### 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 when motion sensor is used as dusk to dawn control.

### 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 |

#### Controls Options

| Nomenclature  | Description   | Functionality   | Primary control device  | Notes  |
|---------------|---|---|---|--|
| FA0           | Field adjustable output device installed inside the luminaire; wired to the driver dimming leads. | Allows the luminaire to be manually dimmed, effectively trimming the light output.  | FA0 device  | Cannot be used with other controls options that need the 0-10V leads                                 |
| DS            | Drivers wired independently for 50/50 luminaire operation   | The luminaire is wired to two separate circuits, allowing for 50/50 operation.  | Independently wired drivers   | Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative. |
| PERS or PER7  | Twist-lock photocell receptacle   | Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.              | Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM. | Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire                        |
| PIR or PIRH   | Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting          | Luminaires dim when no occupancy is detected.   | Acuity Controls SBGR  | Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.          |
| NLTAIR2 PIRHN | nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.            | Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse. | nLight Air rSDGR  | nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.    |

# 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) |   |   |   |     |
|                |               |               |              |            | 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 |
|                |               |               |              | T2S        | 6,450                | 2 | 0 | 2 | 119 | 6,949                | 2 | 0 | 2 | 129 | 7,037                | 2 | 0 | 2 | 130 |
|                |               |               |              | T2M        | 6,483                | 1 | 0 | 1 | 120 | 6,984                | 2 | 0 | 2 | 129 | 7,073                | 2 | 0 | 2 | 131 |
|                |               |               |              | T3S        | 6,279                | 2 | 0 | 2 | 116 | 6,764                | 2 | 0 | 2 | 125 | 6,850                | 2 | 0 | 2 | 127 |
|                |               |               |              | T3M        | 6,468                | 1 | 0 | 2 | 120 | 6,967                | 1 | 0 | 2 | 129 | 7,056                | 1 | 0 | 2 | 131 |
|                |               |               |              | T4M        | 6,327                | 1 | 0 | 2 | 117 | 6,816                | 1 | 0 | 2 | 126 | 6,902                | 1 | 0 | 2 | 128 |
|                |               |               |              | TFTM       | 6,464                | 1 | 0 | 2 | 120 | 6,963                | 1 | 0 | 2 | 129 | 7,051                | 1 | 0 | 2 | 131 |
|                |               |               |              | TSVS       | 6,722                | 2 | 0 | 0 | 124 | 7,242                | 3 | 0 | 0 | 134 | 7,334                | 3 | 0 | 0 | 136 |
|                |               |               |              | T5S        | 6,728                | 2 | 0 | 1 | 125 | 7,248                | 2 | 0 | 1 | 134 | 7,340                | 2 | 0 | 1 | 136 |
|                |               |               |              | T5M        | 6,711                | 3 | 0 | 1 | 124 | 7,229                | 3 | 0 | 1 | 134 | 7,321                | 3 | 0 | 2 | 136 |
|                |               |               |              | TSW        | 6,667                | 3 | 0 | 2 | 123 | 7,182                | 3 | 0 | 2 | 133 | 7,273                | 3 | 0 | 2 | 135 |
|                |               |               |              | 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 |
|                |               |               |              | T2S        | 8,240                | 2 | 0 | 2 | 118 | 8,877                | 2 | 0 | 2 | 127 | 8,989                | 2 | 0 | 2 | 128 |
|                |               |               |              | T2M        | 8,283                | 2 | 0 | 2 | 118 | 8,923                | 2 | 0 | 2 | 127 | 9,036                | 2 | 0 | 2 | 129 |
|                |               |               |              | T3S        | 8,021                | 2 | 0 | 2 | 115 | 8,641                | 2 | 0 | 2 | 123 | 8,751                | 2 | 0 | 2 | 125 |
|                |               |               |              | T3M        | 8,263                | 2 | 0 | 2 | 118 | 8,901                | 2 | 0 | 2 | 127 | 9,014                | 2 | 0 | 2 | 129 |
|                |               |               |              | T4M        | 8,083                | 2 | 0 | 2 | 115 | 8,708                | 2 | 0 | 2 | 124 | 8,818                | 2 | 0 | 2 | 126 |
|                |               |               |              | TFTM       | 8,257                | 2 | 0 | 2 | 118 | 8,896                | 2 | 0 | 2 | 127 | 9,008                | 2 | 0 | 2 | 129 |
|                |               |               |              | TSVS       | 8,588                | 3 | 0 | 0 | 123 | 9,252                | 3 | 0 | 0 | 132 | 9,369                | 3 | 0 | 0 | 134 |
|                |               |               |              | T5S        | 8,595                | 3 | 0 | 1 | 123 | 9,259                | 3 | 0 | 1 | 132 | 9,376                | 3 | 0 | 1 | 134 |
|                |               |               |              | T5M        | 8,573                | 3 | 0 | 2 | 122 | 9,236                | 3 | 0 | 2 | 132 | 9,353                | 3 | 0 | 2 | 134 |
|                |               |               |              | TSW        | 8,517                | 3 | 0 | 2 | 122 | 9,175                | 4 | 0 | 2 | 131 | 9,291                | 4 | 0 | 2 | 133 |
|                |               |               |              | 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 |
|                |               |               |              | T5S        | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | T5S        | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | T5S        | 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 |
|                |               |               |              | TSW        | 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  |
|                |               |               |              | RCCO       | 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) |   |   |   |     |
|                |               |               |              |            | Lumens               | B | U | G | LPW | Lumens               | B | U | G | LPW | Lumens               | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | TSW        | 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 |
|                |               |               |              | TSW        | 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  |
|                |               |               |              | RCCO       | 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) |   |   |   |     |
|                |               |               |              |            | 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 |
|                |               |               |              | T2S        | 12,967               | 4 | 0 | 4 | 122 | 13,969               | 4 | 0 | 4 | 132 | 14,146               | 4 | 0 | 4 | 133 |
|                |               |               |              | T2M        | 13,201               | 3 | 0 | 3 | 125 | 14,221               | 3 | 0 | 3 | 134 | 14,401               | 3 | 0 | 3 | 136 |
|                |               |               |              | T3S        | 12,766               | 4 | 0 | 4 | 120 | 13,752               | 4 | 0 | 4 | 130 | 13,926               | 4 | 0 | 4 | 131 |
|                |               |               |              | T3M        | 13,193               | 4 | 0 | 4 | 124 | 14,213               | 4 | 0 | 4 | 134 | 14,393               | 4 | 0 | 4 | 136 |
|                |               |               |              | T4M        | 12,944               | 4 | 0 | 4 | 122 | 13,945               | 4 | 0 | 4 | 132 | 14,121               | 4 | 0 | 4 | 133 |
|                |               |               |              | TFTM       | 13,279               | 4 | 0 | 4 | 125 | 14,305               | 4 | 0 | 4 | 135 | 14,486               | 4 | 0 | 4 | 137 |
|                |               |               |              | TSVS       | 13,372               | 3 | 0 | 1 | 126 | 14,405               | 4 | 0 | 1 | 136 | 14,588               | 4 | 0 | 1 | 138 |
|                |               |               |              | T5S        | 13,260               | 3 | 0 | 1 | 125 | 14,284               | 3 | 0 | 1 | 135 | 14,465               | 3 | 0 | 1 | 136 |
|                |               |               |              | T5M        | 13,256               | 4 | 0 | 2 | 125 | 14,281               | 4 | 0 | 2 | 135 | 14,462               | 4 | 0 | 2 | 136 |
|                |               |               |              | TSW        | 13,137               | 4 | 0 | 3 | 124 | 14,153               | 4 | 0 | 3 | 134 | 14,332               | 4 | 0 | 3 | 135 |
|                |               |               |              | 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 |
|                |               |               |              | T2S        | 16,461               | 4 | 0 | 4 | 120 | 17,733               | 4 | 0 | 4 | 129 | 17,957               | 4 | 0 | 4 | 131 |
|                |               |               |              | T2M        | 16,758               | 4 | 0 | 4 | 122 | 18,053               | 4 | 0 | 4 | 132 | 18,281               | 4 | 0 | 4 | 133 |
|                |               |               |              | T3S        | 16,205               | 4 | 0 | 4 | 118 | 17,457               | 4 | 0 | 4 | 127 | 17,678               | 4 | 0 | 4 | 129 |
|                |               |               |              | T3M        | 16,748               | 4 | 0 | 4 | 122 | 18,042               | 4 | 0 | 4 | 132 | 18,271               | 4 | 0 | 4 | 133 |
|                |               |               |              | T4M        | 16,432               | 4 | 0 | 4 | 120 | 17,702               | 4 | 0 | 4 | 129 | 17,926               | 4 | 0 | 4 | 131 |
|                |               |               |              | TFTM       | 16,857               | 4 | 0 | 4 | 123 | 18,159               | 4 | 0 | 4 | 133 | 18,389               | 4 | 0 | 4 | 134 |
|                |               |               |              | TSVS       | 16,975               | 4 | 0 | 1 | 124 | 18,287               | 4 | 0 | 1 | 133 | 18,518               | 4 | 0 | 1 | 135 |
|                |               |               |              | T5S        | 16,832               | 4 | 0 | 1 | 123 | 18,133               | 4 | 0 | 2 | 132 | 18,362               | 4 | 0 | 2 | 134 |
|                |               |               |              | T5M        | 16,828               | 4 | 0 | 2 | 123 | 18,128               | 4 | 0 | 2 | 132 | 18,358               | 4 | 0 | 2 | 134 |
|                |               |               |              | TSW        | 16,677               | 4 | 0 | 3 | 122 | 17,966               | 5 | 0 | 3 | 131 | 18,193               | 5 | 0 | 3 | 133 |
|                |               |               |              | 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 |
|                |               |               |              | T5S        | 23,380               | 4 | 0 | 2 | 113 | 25,187               | 4 | 0 | 2 | 122 | 25,506               | 4 | 0 | 2 | 123 |
|                |               |               |              | T5M        | 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 |
|                |               |               |              | T5S        | 25,824               | 4 | 0 | 2 | 112 | 27,819               | 5 | 0 | 2 | 120 | 28,172               | 5 | 0 | 2 | 122 |
|                |               |               |              | T5M        | 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  |
|                |               |               |              | RCCO       | 15,150               | 5 | 0 | 5 | 66  | 16,321               | 5 | 0 | 5 | 71  | 16,527               | 5 | 0 | 5 | 72  |

## 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 interoperability<sup>1</sup>
- 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<sup>1</sup>

To learn more about A+, visit [www.acuitybrands.com/aplus](http://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](#)

## 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 ft<sup>2</sup>) 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).

### STANDARD CONTROLS

The DSX1 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

### nLIGHT AIR CONTROLS

The DSX1 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found here.

### 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). 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](http://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/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.





# CITY OF ROCKWALL

## PLANNING AND ZONING COMMISSION CASE MEMO

### PLANNING AND ZONING DEPARTMENT

385 S. GOLIAD STREET • ROCKWALL, TX 75087

PHONE: (972) 771-7745 • EMAIL: PLANNING@ROCKWALL.COM

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**TO:** Planning and Zoning Commission  
**DATE:** July 14, 2020  
**APPLICANT:** Greg Wallis; *Mershawn Architects*  
**CASE NUMBER:** SP2020-010; *Site Plan for Ellis Center Medical Office Building*

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### SUMMARY

Discuss and consider a request by Greg Wallis of Mershawn Architects on behalf of Adat Estate of Vats Akhil and Deepti for the approval of a Site Plan for a *medical office building* on a 0.70-acre parcel of land being identified as Lot 6, Block A, Ellis Centre #2 Addition, City of Rockwall, Rockwall County, Texas, zoned Light Industrial (LI) District, situated within the IH-30 Overlay (IH-30 OV) District, located at the western corner of the intersection of Alpha Drive and Beta Drive, and take any action necessary.

### BACKGROUND

The subject property was annexed on November 30, 1959 by *Ordinance No. 60-01*. At the time of annexation, the subject property was designated as an Agricultural (AG) District. According to the 1983 zoning map the subject property was still zoned Agricultural (AG) District as of May 16, 1983. On December 5, 1983 the City Council approved a zoning change [*Case No. PZ1983-035-01; Ordinance No. 83-61*] for the subject property changing the zoning from an Agricultural (AG) District to a Light Industrial (LI) District. On October 13, 1983, the Planning and Zoning Commission approved a site plan [*Case No. PZ1983-041-01*] for an office park -- *including the subject property* -- along Alpha Drive. Following this approval, a final plat [*Case No. PZ1984-014-01*] was filed on February 15, 1985 establishing the subject property as a portion of Lot 1, Block A, Ellis Centre Addition. On May 18, 1987, the City Council approved a replat [*Case No. PZ1987-037-01*] of Lot 1, Block A, Ellis Centre Addition establishing Lot 1R, Block A, Ellis Centre Addition. On January 7, 2019, the City Council again approved a replat [*Case No. P2018-046*] containing the subject property and establishing the current boundaries of the subject property (*i.e. Lot 6, Block A, Ellis Centre #2 Addition*).

### PURPOSE

On June 19, 2020, the applicant -- *Greg Wallis of Mershawn Architects* -- submitted an application requesting approval of a site plan for the purpose of constructing a ~7,200 SF single-story, medical office building. The subject property is subject to the requirements and land uses stipulated for the Light Industrial (LI) District and the IH-30 Overlay (IH-30 OV) District as required by the Unified Development Code (UDC).

### ADJACENT LAND USES AND ACCESS

The subject property is addressed as 1940 Alpha Drive. The land uses adjacent to the subject property are as follows:

North: Directly north of the property is a continuation of the Ellis Centre Addition, which is occupied with light industrial land uses and vacant a few vacant lots. Beyond this is a larger 71.022-acre vacant tract of land (*i.e. Tract 20-1 of the A. Hanna Survey, Abstract No. 99*). All of these properties are zoned Light Industrial (LI) District. Beyond this is Justin Road, which is identified as a M4D (*i.e. major collector, four [4] lane, divided roadway*) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan.

South: Directly south of the subject property is the continuation of the Ellis Centre Addition (*i.e. Lot 7, Block A, Ellis Centre #2 Addition*), which is occupied with a house of worship (*i.e. Community Life Church*). This property is zoned Light Industrial (LI) District. Beyond this is N. T. L. Townsend Drive, which is identified as a M4D (*i.e.*

major collector, four [4] lane, divided roadway) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan.

East: Directly east of the subject property is a continuation of the Ellis Centre Addition, which is occupied with light industrial land uses. The majority of these properties were developed during the 1970's and 1980's. All of these properties are zoned Light Industrial (LI) District. Beyond this are the properties on the west side of Industrial Boulevard that are zoned Light Industrial (LI) District. Industrial Boulevard is identified as a M4U (i.e. minor collector, four [4] lane, roadway) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan.

West: Directly west of the subject property is a 41.649-acre tract of land (i.e. Lot 1, Block 1, Herman Utley Middle School Addition) zoned Agricultural (AG) District. Adjacent to the subject property is Wilkerson-Sanders Memorial Stadium. Beyond this property is N. T. L. Townsend Drive, which is identified as a M4D (i.e. major collector, four [4] lane, divided roadway) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan.

**DENSITY AND DIMENSIONAL REQUIREMENTS**

According to Section 01, *Land Use Schedule*, of Article 04, *Permissible Uses*, of the Unified Development Code (UDC), a *Office Building 5,000 SF or Greater* is a permitted *by-right* land use in a Light Industrial (LI) District. The subject property proposes two (2) points of ingress and egress along Alpha Drive, with the southern driveway being a shared access drive with the adjacent house of worship. With the exception of the variances being requested, the submitted site plan, landscape plan, photometric plan, and building elevations generally conform to the technical requirements contained within the Unified Development Code (UDC) for a property located within a Light Industrial (LI) District and the IH-30 Overlay (IH-30 OV) District. A summary of the density and dimensional requirements for the subject property are as follows:

| <i>Ordinance Provisions</i>             | <i>Zoning District Standards</i> | <i>Conformance to the Standards</i> |
|---|----------------------------------|-------------------------------------|
| <i>Minimum Lot Area</i>                 | <i>12,500 SF</i>                 | <i>x=0.70-acres; In Conformance</i> |
| <i>Minimum Lot frontage</i>             | <i>100-Feet</i>                  | <i>x=165-Feet; In Conformance</i>   |
| <i>Minimum Lot Depth</i>                | <i>125-Feet</i>                  | <i>x=185-Feet; In Conformance</i>   |
| <i>Minimum Front Yard Setback</i>       | <i>25-Feet</i>                   | <i>x&gt;25-Feet; In Conformance</i> |
| <i>Minimum Rear Yard Setback</i>        | <i>0-Feet + ½ H</i>              | <i>x&gt;25-Feet; In Conformance</i> |
| <i>Minimum Side Yard Setback</i>        | <i>0-Feet + ½ H</i>              | <i>x&gt;19-Feet; In Conformance</i> |
| <i>Maximum Building Height</i>          | <i>60-Feet</i>                   | <i>x=28'2 ¾"; In Conformance</i>    |
| <i>Max Building/Lot Coverage</i>        | <i>60%</i>                       | <i>x=23.6%; In Conformance</i>      |
| <i>Minimum Masonry Requirement</i>      | <i>90%</i>                       | <i>x&gt;90%; In Conformance</i>     |
| <i>Minimum Number of Parking Spaces</i> | <i>1:200=36</i>                  | <i>x=36; In Conformance</i>         |
| <i>Minimum Stone Requirement</i>        | <i>20% each façade</i>           | <i>x&gt;20%; In Conformance</i>     |
| <i>Minimum Landscaping Percentage</i>   | <i>10%</i>                       | <i>x&gt;19.5%; In Conformance</i>   |
| <i>Maximum Impervious Coverage</i>      | <i>85-90%</i>                    | <i>x&lt;81%; In Conformance</i>     |

**TREESCAPE PLAN**

There are no existing trees located on the subject property; therefore, no treescape plan is required.

**CONFORMANCE WITH THE CITY'S CODES**

Subsection 05.02, *Light Industrial (LI) District*, of Article 05, *District Development Standards*, of the Unified Development Code (UDC), states that the "*Light Industrial (LI) District* is a zoning district intended to create a limited industrial zone that provides for modern types of industrial land uses." The proposed medical office building falls under the *Office Building 5,000 SF or Greater*, which is a permitted *by-right* land use in the Light Industrial (LI) District.

According to Subsection 05.02(B), *Screening from Residential*, of Article 08, *Landscape and Fence Standards*, of the Unified Development Code (UDC), "(a)ny non-residential...land use...that has a side or rear contiguous to any residentially zoned or used property shall be screened with a masonry fence a minimum of six (6) feet in height with canopy trees planted on 20-foot

centers. As an alternative, the Planning and Zoning Commission may approve an alternative screening method that incorporates a wrought iron fence and three (3) tiered screening (*i.e. [1] small to mid-sized shrubs, large shrubs or accent trees, and canopy trees or [2] evergreen trees and canopy trees*) along the entire length of the adjacency ... The canopy trees shall be placed on 20-foot centers." In this case, the applicant is providing a three (3) tiered screening system along the entire western property boundary that is adjacent to the Herman Utley Middle School; however, the RISD has an existing chain-link fence along this western property boundary. Based on the existing fence on the RISD's property the applicant is not proposing to incorporate an additional wrought iron fence. Staff made this suggestion to the applicant to prevent the possibility of creating a strip of land in between the two (2) fences that would be hard for either property owner to maintain. Staff should note that a similar approval was approved for the animal boarding facility at 1920 Alpha Drive with *Case No. SP2019-017*. With all this being said, the proposed landscape screening is a discretionary approval for the Planning and Zoning Commission upon a determination that the provided screening will achieve the intent of the screening ordinance. This has been included as a condition of approval in this case memo.

## **VARIANCES/EXCEPTIONS REQUESTED BY THE APPLICANT**

Based on the information submitted by the applicant, staff has identified the following exceptions and variances to the requirements of the IH-30 Overlay (IH-30 OV) District and the Unified Development Code (UDC):

### (1) Articulation.

- (a) Primary Building Façades. According to Subsection 05.01(C)(1), *General Industrial District Standards*, of Article 05, *District Development Standards*, of the Unified Development Code (UDC), primary building façades require projections associated with entryways, architectural elements and wall lengths. Specifically, primary architectural/entryway elements are required to extend a minimum of 25% above the top of the wall and a minimum of 25% from the walls surface. In addition, no wall should exceed a length of four (4) times the wall's height without an architectural/entryway element. In this case, the proposed building does incorporate vertical projections and a pitched roof; however, the building does not meet the horizontal projection requirements for the rear or western facing façade, which is considered a primary building façade due to its adjacency to a residentially zoned property.

### (2) Architectural Standards.

- (a) Four (4) Sided Architecture. According to Subsection 06.02(C)(5), *General Overlay District Standards*, of Article 05, *District Development Standards*, of the Unified Development Code (UDC), all buildings shall be architecturally finished on all four (4) sides of the building utilizing the same materials, detailing, articulation, and architectural features. In this case, the rear elevation (*i.e. west façade*) does not incorporate the same detailing and/or architectural features as found on the remainder of the building's façades.

### (3) Screening from Residential.

- (a) Screening. According to Subsection 05.02(B), *Landscape Screening*, of Article 08, *Landscape and Fence Standards*, of the Unified Development Code (UDC), "any non-residential or multi-family land use or parking area that has a side or rear contiguous to any residentially zoned or used property shall be screened with a masonry fence a minimum of six (6) feet in height with canopy trees planted on 20-foot centers ... (a)s an alternative, the Planning and Zoning Commission may approve an alternative screening method that incorporates a wrought iron fence and three (3) tiered screening (*i.e. [1] small to mid-sized shrubs, large shrubs or accent trees, and canopy trees or [2] evergreen trees and canopy trees*). As stated above, the applicant is proposing a three (3) tiered screening system, but is not proposing to incorporate a wrought iron fence due to the existing chain link fence on the adjacent property.

### (4) Detention Pond.

- (a) Maximum Slope for Detention Ponds. According to the Engineering Department's *Standards of Design and Construction Manual*, "(d)etention ponds shall have a side slope 4:1 or flatter. No retaining walls are allowed in detention ponds." In this case, the applicant is requesting vertical retaining walls within the detention system. According to Section 3, *Storm Drainage Facilities*, of the *Standards of Design and Construction Manual*, "(a) variance to allow retaining walls in a detention easement will require approval by the Planning and Zoning Commission with

appeals being heard by the City Council." To off-set the variance, staff has included a condition of approval that the applicant be required to screen the detention system with a combination of trees and shrubs. This will require the applicant to revise the landscape plan prior to submitting civil plans.

According to Section 9, *Exceptions and Variances*, of Article 11, *Development Applications and Review Procedures*, of the Unified Development Code (UDC), unless otherwise specified by the UDC "(a)n applicant may request the Planning and Zoning Commission grant an exception to the provisions contained in the Unified Development Code (UDC)" or "a variance to any provision contained in *Subsection 06.02, General Overlay District Standards*, where unique or extraordinary conditions exist or where strict adherence to the technical requirements of this section would create an undue hardship." In cases where variances or exceptions are being requested, the applicant shall provide compensatory measures that directly offset the requested exception or variance. In this case, the applicant has provided a letter explaining the exceptions and variances being requested and outlines the following compensatory measures:

- (1) Increased landscaping including additional accent trees and shrubs provided in the landscape buffers.
- (2) Increased masonry and stone percentages on the building.
- (3) Increased architectural elements with covered arched entries.
- (4) *(If Necessary)* increased landscaping around the proposed detention area screening the vertical walls.

Staff should note that the increased architectural elements indicated by the applicant as a compensatory measure are really just requirements of the overlay district and should not be counted as an off-set to the requested variances. With regard to the approval of these variances, the Planning and Zoning Commission is tasked with determining if the compensatory measures properly off-set or mitigate for the requested variances. This is a discretionary decision for the Planning and Zoning Commission that requires approval by a super majority vote (*i.e. a three-fourths vote of those members present*), with a minimum of four (4) votes in the affirmative required for approval. In the event that the exception is denied, the applicant has the ability to appeal the Planning and Zoning Commission's decision to the City Council by filing a written request with the Planning and Zoning Department.

#### **CONFORMANCE WITH OURHOMETOWN VISION 2040 COMPREHENSIVE PLAN**

The Future Land Use Plan adopted with the OURHometown Vision 2040 Comprehensive Plan indicates that the subject property is located in the *IH-30 Corridor District* which is "...the primary retail corridor for the City of Rockwall. Currently the corridor is approximately 55% developed, with the remaining 45% being vacant or raw land. The Corridor acts as the western gateway for both the City and County of Rockwall, and has land uses that include retail, personal services, medical, and industrial." Additionally, the *Special Commercial Corridor (SC)* designation "...is intended to provide an area for commercial/retail...activity centers that are intended to support and serve the entire region."

According to the Comprehensive Plan, industrial developments should be adequately buffered and/or screened from residential land uses. In addition, the Comprehensive Plan states that "(b)uffers utilizing a combination of berms, landscaping and trees should be used for industrial properties that are adjacent to non-industrial land uses or agricultural land." While the adjacent property (*i.e. Herman Utley Middle School*) is zoned Agricultural (AG) District -- *which is considered to be residential* - the property is developed with a non-residential land use (*i.e. a football stadium*). Regardless of the adjacency, the applicant is proposing to install a three (3) tiered landscape screening system in conjunction with an existing wrought-iron fence (*located on the adjacent property*) to accomplish the screening required by the Unified Development Code (UDC) and referenced by the Comprehensive Plan.

#### **ARCHITECTURAL REVIEW BOARD (ARB):**

On June 30, 2020, the Architectural Review Board (ARB) reviewed the proposed site plan and approved a motion to recommend approval of the applicant's request by a vote of 3-0, with Board Members Miller, Wacker, Mitchell and Deckard absent. Additionally, the motion included a recommendation of approval for the variances relating to articulation and architectural standards detailed above.

#### **CONDITIONS OF APPROVAL**

If the Planning and Zoning Commission chooses to approve the applicant's request for a site plan for a medical office building, then staff would propose the following conditions of approval:

- (1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of a building permit;
- (2) Approval by the Planning and Zoning Commission of all exceptions requested as outlined in staff's report;
- (3) If vertical walls are proposed for the detention system through the civil engineering process, the applicant will be required to submit a revised landscaping plan showing screening of the detention pond. This will need to be approved by Planning and Zoning Department staff prior to full engineering acceptance; and,
- (4) Any construction resulting from the approval of this site plan shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.





# DEVELOPMENT APPLICATION

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

STAFF USE ONLY  
PLANNING AND ZONING CASE NO.

**NOTE:** THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

Please check the appropriate box below to indicate the type of development request [SELECT ONLY ONE BOX]:

### Platting Application Fees:

- Master Plat (\$100.00 + \$15.00 Acre)<sup>1</sup>
- Preliminary Plat (\$200.00 + \$15.00 Acre)<sup>1</sup>
- Final Plat (\$300.00 + \$20.00 Acre)<sup>1</sup>
- Replat (\$300.00 + \$20.00 Acre)<sup>1</sup>
- Amending or Minor Plat (\$150.00)
- Plat Reinstatement Request (\$100.00)

### Site Plan Application Fees:

- Site Plan (\$250.00 + \$20.00 Acre)<sup>1</sup>
- Amended Site Plan/Elevations/Landscaping Plan (\$100.00)

### Zoning Application Fees:

- Zoning Change (\$200.00 + \$15.00 Acre)<sup>1</sup>
- Specific Use Permit (\$200.00 + \$15.00 Acre)<sup>1</sup>
- PD Development Plans (\$200.00 + \$15.00 Acre)<sup>1</sup>

### Other Application Fees:

- Tree Removal (\$75.00)
- Variance Request (\$100.00)

### Notes:

<sup>1</sup>: In determining the fee, please use the exact acreage when multiplying by the per acre amount. For requests on less than one acre, round up to one (1) acre.

## PROPERTY INFORMATION [PLEASE PRINT]

Address: LOT 1 BLOCK A

Subdivision: ELVIS CENTER ADDITION Lot 6 Block A

General Location: West side of Alpha Rd across from Beta Ct.

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

|                 |             |                 |                       |
|-----------------|-------------|-----------------|-----------------------|
| Current Zoning  | <u>L1</u>   | Current Use     | <u>Vacant</u>         |
| Proposed Zoning | <u>L1</u>   | Proposed Use    | <u>Medical office</u> |
| Acreage         | <u>0.70</u> | Lots [Current]  | <u>1</u>              |
|                 |             | Lots [Proposed] | <u>1</u>              |

**SITE PLANS AND PLATS:** By checking this box you acknowledge that due to the passage of HB3167 the City no longer has flexibility with regard to its approval process, and failure to address any of staff's comments by the date provided on the Development Calendar will result in the denial of your case.

## OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

|                                |                              |   |                               |
|--------------------------------|------------------------------|---|-------------------------------|
| <input type="checkbox"/> Owner | <u>Vats Akhil and Deepti</u> | <input checked="" type="checkbox"/> Applicant | <u>Mershawn Architects</u>    |
| Contact Person                 | <u>Adat Estate LLC</u>       | Contact Person                                | <u>Greg Wallis</u>            |
| Address                        | <u>482 Arcadia Way</u>       | Address                                       | <u>1520 E I-30</u>            |
| City, State & Zip              | <u>Rockwall, TX 75087</u>    | City, State & Zip                             | <u>Rockwall, TX 75087</u>     |
| Phone                          |                              | Phone   | <u>817-235-9253</u>           |
| E-Mail                         | <u>akhilvats@gmail.com</u>   | E-Mail  | <u>mershawncrch@gmail.com</u> |

## NOTARY VERIFICATION [REQUIRED]

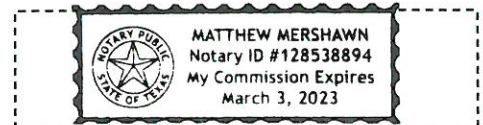
Before me, the undersigned authority, on this day personally appeared Ankit Parmar [Owner] the undersigned, who stated the information on this application to be true and certified the following:

"I hereby certify that I am the owner for the purpose of this application; all information submitted herein is true and correct; and the application fee of \$ 270.00, to cover the cost of this application, has been paid to the City of Rockwall on this the 19 day of JUNE, 2020. By signing this application, I agree that the City of Rockwall (i.e. "City") is authorized and permitted to provide information contained within this application to the public. The City is also authorized and permitted to reproduce any copyrighted information submitted in conjunction with this application, if such reproduction is associated or in response to a request for public information."

Given under my hand and seal of office on this the 19th day of June, 2020.

Owner's Signature

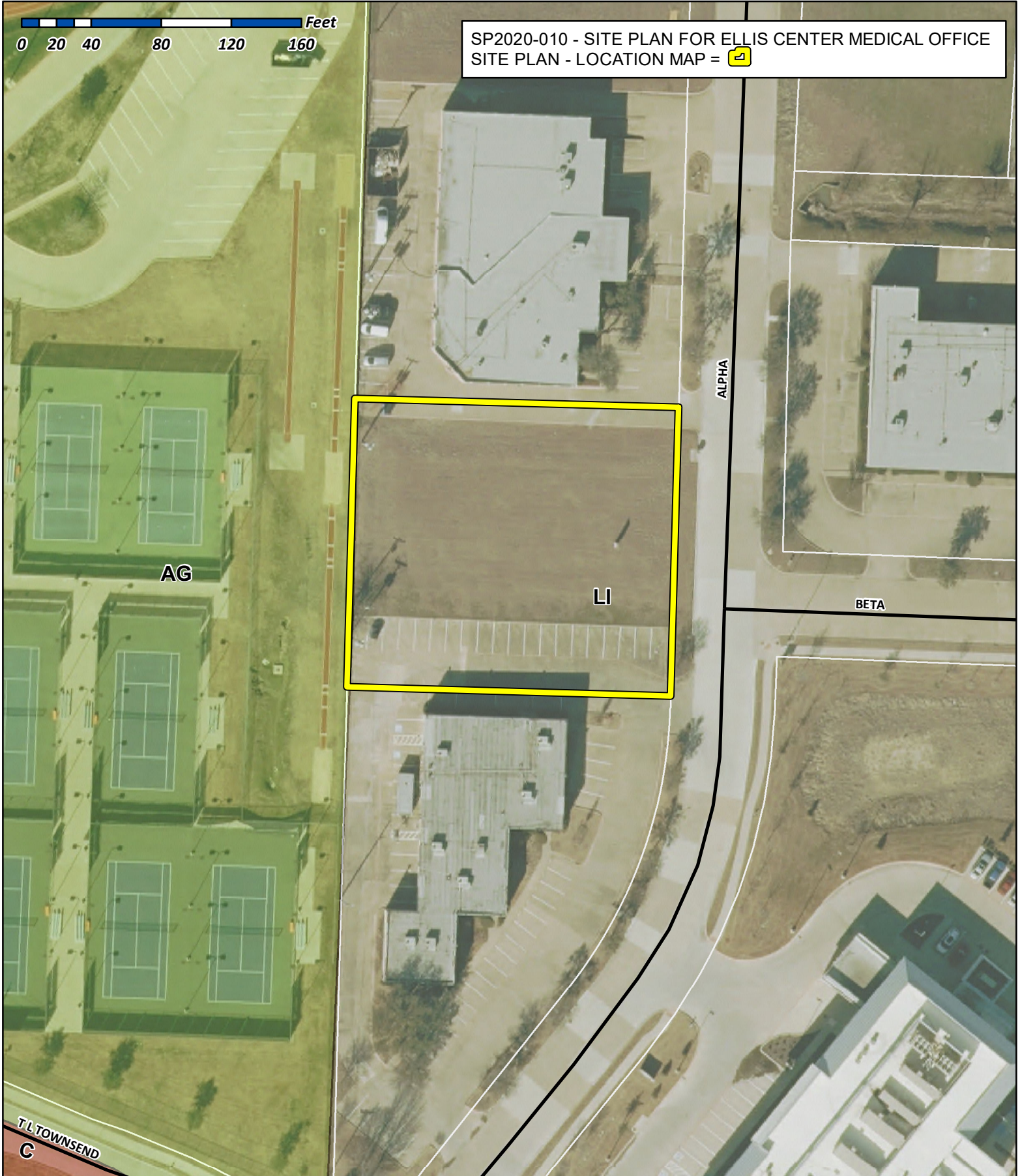
Notary Public in and for the State of Texas



My Commission Expires 3-3-23

0 20 40 80 120 160 Feet

SP2020-010 - SITE PLAN FOR ELLIS CENTER MEDICAL OFFICE  
SITE PLAN - LOCATION MAP = 



## City of Rockwall

Planning & Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75032  
(P): (972) 771-7745  
(W): [www.rockwall.com](http://www.rockwall.com)

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.





City of Rockwall  
Planning and Zoning Department  
David Gonzales  
Re: Ellis Center Medical Office

July 3, 2020

## LETTER OF VARIANCE

We respectfully request a variance for the horizontal articulation on the rear (west) elevation for this project. We have provided compensatory measures As listed.

1. Increased landscaping with additional accent trees and shrubs, along with additional landscape space.
2. Increased masonry and stone percentages.
3. Increased architectural elements with covered arched entries.

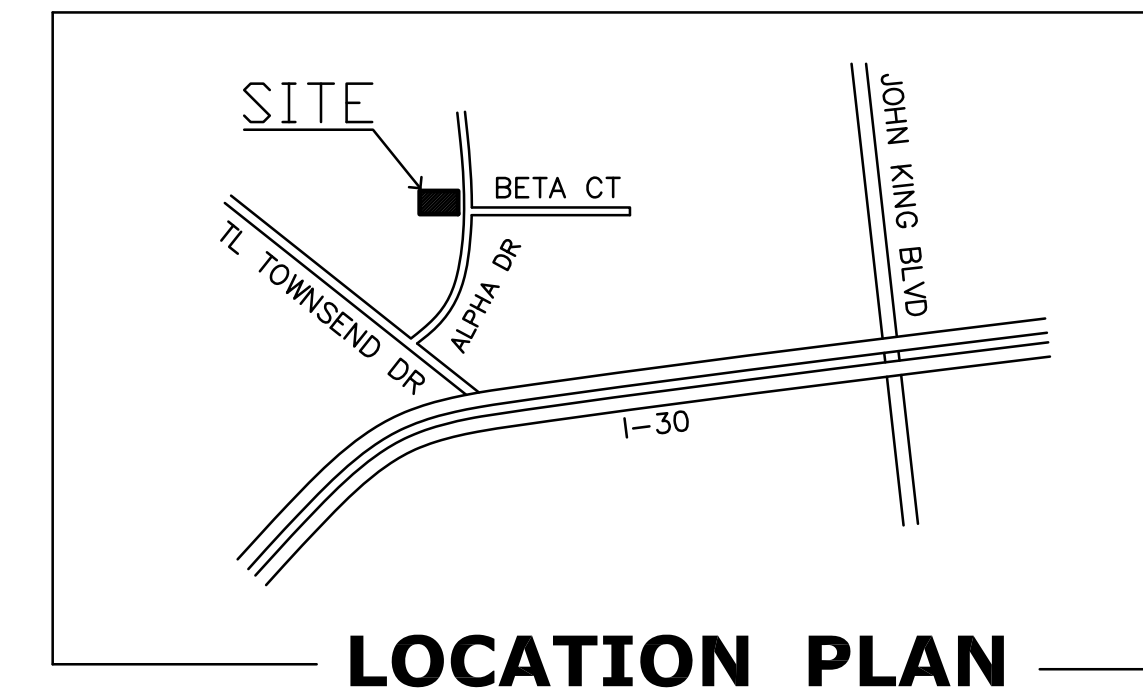
Variance for the rod iron fence screening at the rear (west) property line, Due to an existing 6' chain link fence. This would result in a problem for Maintenance creating an area that could not be mowed or maintained properly. We are providing the shrubs, canopy trees and accent trees along this existing Fence to meet the three tiered design for screening. In addition, there is existing paving at the north and south ends of the property that will not allow for the required landscaping. These two areas leave a 2' strip at the property line that is not wide enough to facilitate landscape.

We also would like to include vertical wall detention with stone faces if this becomes necessary during the engineering design of this project. Landscaping requirements for this detention area have been exceeded to help facilitate this request.

CONTRACTOR TO VERIFY PLANS AND TO VISIT SITE AND NOTIFY MERSHAWN ARCHITECTS OF ANY DISCREPANCIES BEFORE CONSTRUCTION.

- ABSTRACT NO. 9 - WILLIAM BLEVINS SURVEY
1. ZONING: L I
  2. PROPOSED USE: MEDICAL OFFICE
  3. PROPERTY AREA (GROSS): 30,531 SF 0.70 AC
  4. BUILDING AREA: 7,200 SF
  5. BUILDING HEIGHT: ONE STORY - 28'-3"
  6. LOT COVERAGE: 23.6% F.A.R. = 0.236:1
  7. PARKING REQUIRED: 1 SPACE/200 = 36 SPACES REQUIRED
  8. HANDICAP REQUIRED 2 ACCESSIBLE IN 25-50 SPACES 2 PROVIDED
  9. TOTAL PARKING PROVIDED: 36 SPACES
  10. TOTAL SQUARE FOOTAGE OF IMPERVIOUS SURFACE: 24,558 SF
  11. 15% LANDSCAPE REQUIRED = 4,580 SF PROVIDED 5,973 SF

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB  
ALL SIDEWALKS SHALL BE 3,000 PSI CONC  
MIN 5.5 SACK MIX.  
ALL RADII ARE 2'-0" U.N.O.  
ANY DISCREPANCIES BETWEEN THE PLAN &  
THE CIVIL ENGINEER'S PLANS SHALL DEFER  
TO THE CIVIL ENGINEERING.



SITE PLAN SIGNATURE BLOCK

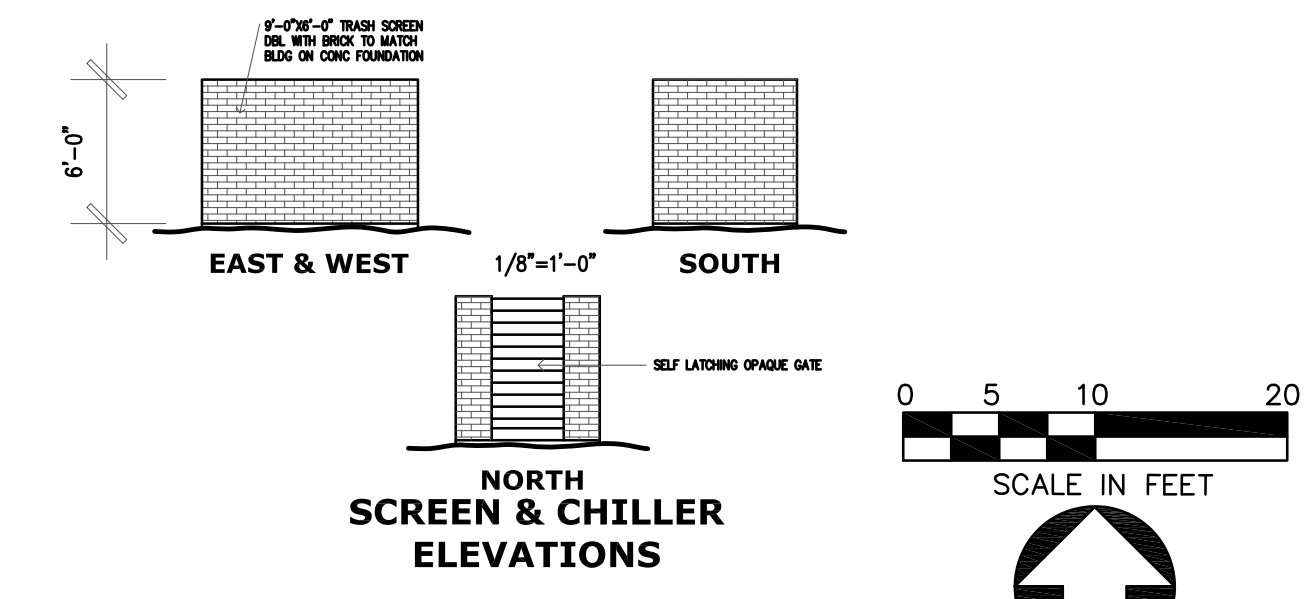
APPROVED:  
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the planning and zoning commission of the City of Rockwall on the \_\_\_\_\_ 2020.

WITNESS OUR HANDS, this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_  
Planning & Zoning Commission, Chairman

\_\_\_\_\_  
Director of Planning and Zoning

NOTE: DUMPSTER PAVING AND FIRE LANE PAVING SHALL BE MIN. 6" THICK, 3600 PSI CONCRETE 6.5 SACK MIX



**PRICING & CONSTRUCTION GENERAL NOTES:**

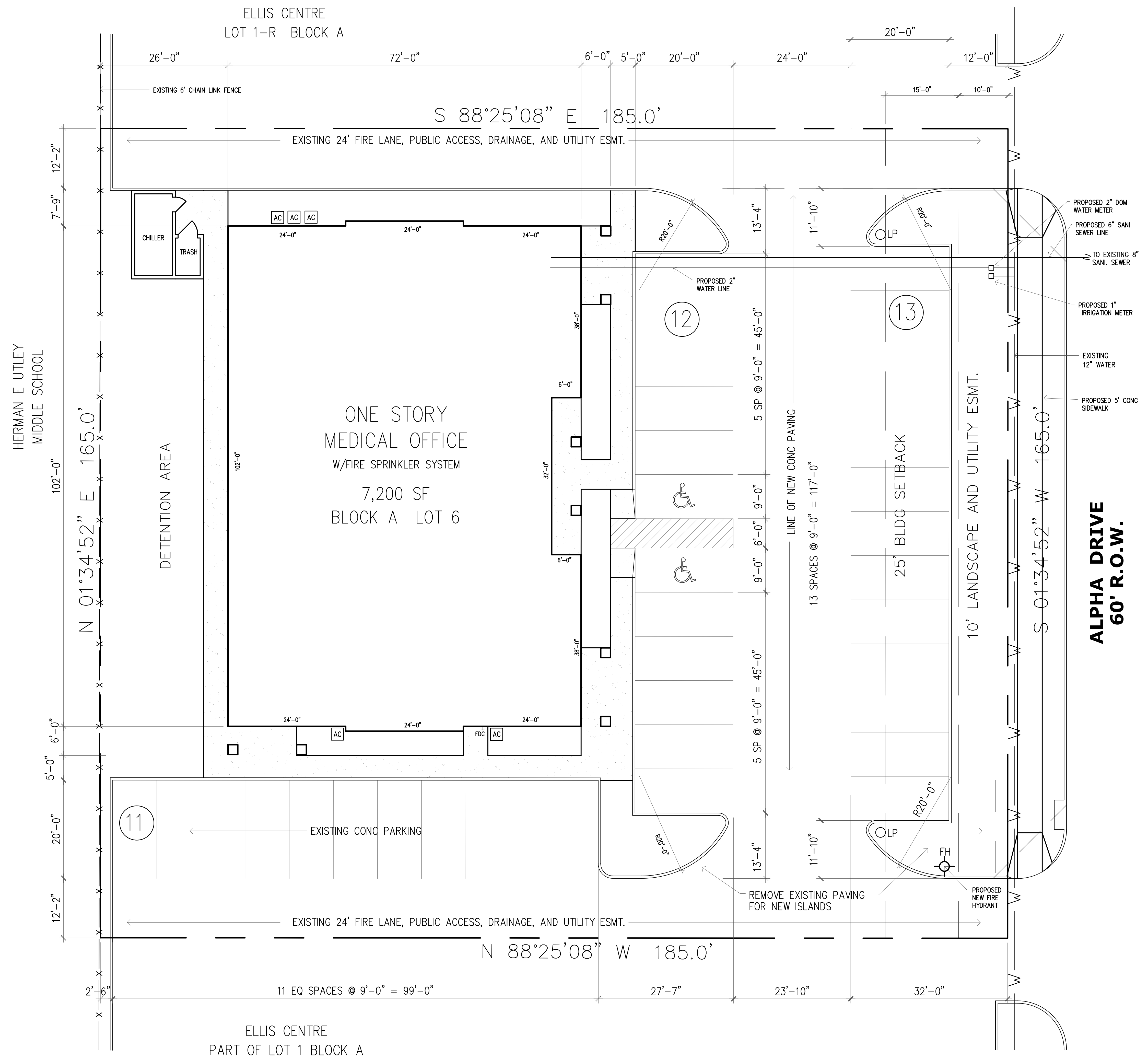
1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO INDICATE EACH AND EVERY FITTING, OFFSET, OR OTHER APPURTENANCE NECESSARY TO COMPLETE THE SYSTEM.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE DOCUMENTS AND INCLUDE ALL NECESSARY ITEMS TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.
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6. THE ARCHITECT WILL BE RESPONSIBLE TO DETERMINE WHICH TRADE SHALL PROVIDE AND INSTALL ANY COMPONENTS MISSED FOR WORKING SYSTEMS AS NEEDED.

ELLIS CENTRE INDUSTRIAL PARK  
BEING A 0.70 AC. TRACT OF LAND SITUATED IN THE ELLIS CENTRE #2 INDUSTRIAL PARK LOT 6 BLOCK A IN THE CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

OWNER  
ADAT ESTATE LLC  
5550 BRIDLE WAY  
ROCKWALL, TEXAS 75087

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CASE #SP2020-010



HERMAN E UTLEY MIDDLE SCHOOL

ALPHA DRIVE 60' R.O.W.

RESIDENTIAL RESTAURANTS INSTITUTIONAL ARCHITECTS

MEDICAL COMMERCIAL CHURCHES

**MERSHAWN ARCHITECTS**

1520 E INTERSTATE 30  
ROCKWALL, TEXAS 75087

PHONE: 469-745-1701

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |

ELLIS CENTRE MEDICAL OFFICE  
ROCKWALL, TEXAS

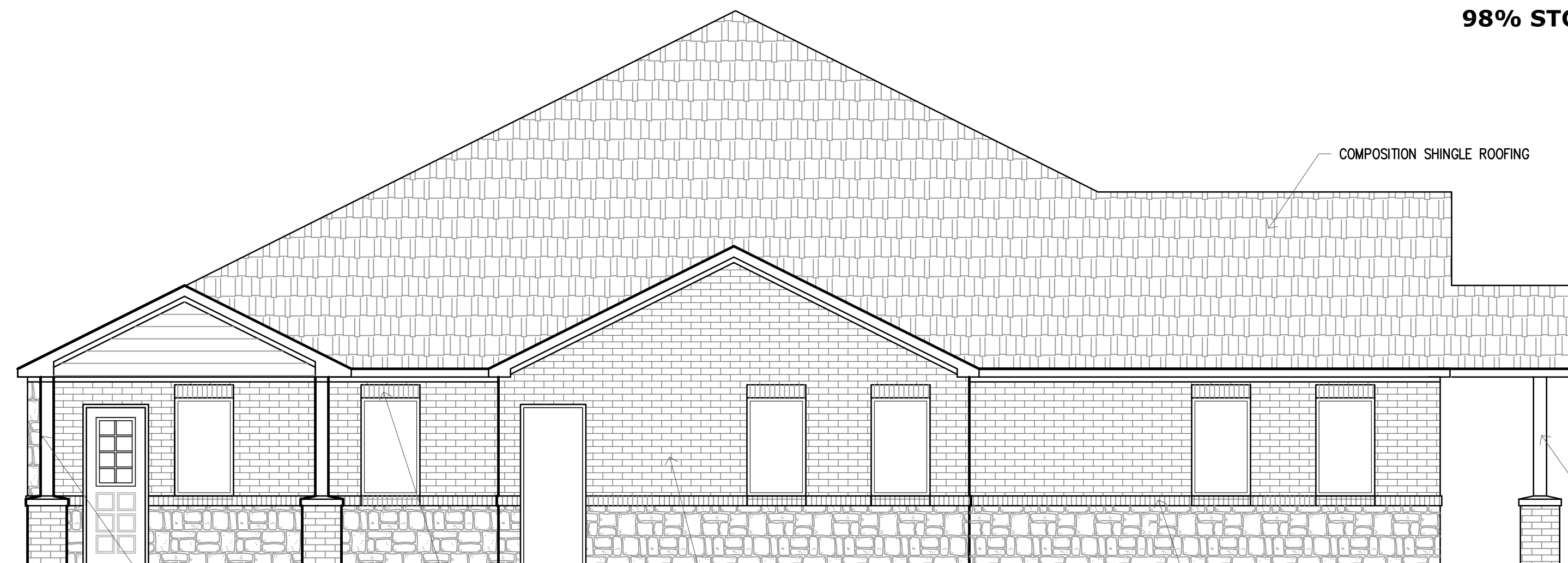
**SITE PLAN**

|              |             |
|--------------|-------------|
| Scale:       | 1" = 10'-0" |
| Date:        | 6/17/2020   |
| Project No.: | 200404      |
| Designed:    | GW          |
| Drawn:       | GW          |
| Checked:     | WM          |

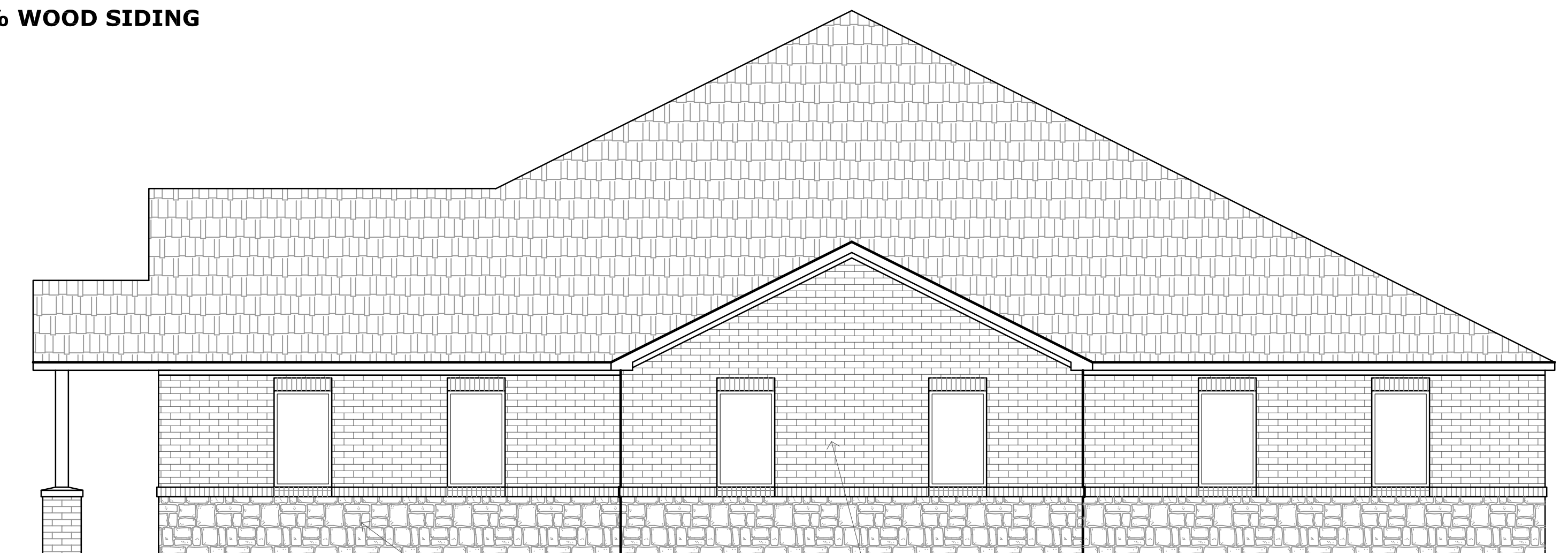
SHEET **A1** OF



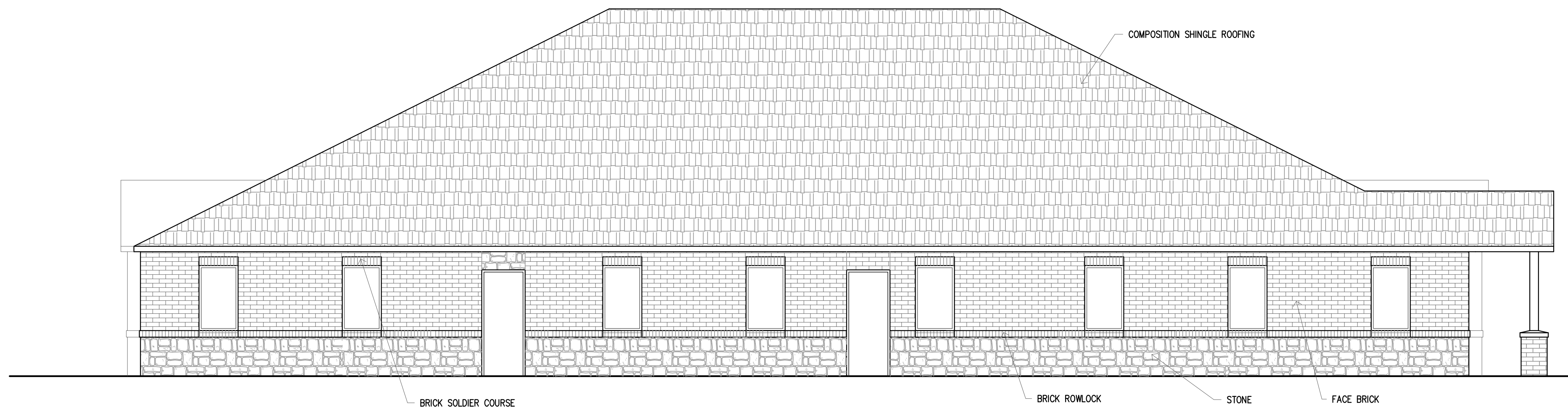
**EAST ELEVATION**  
98% STONE 2% WOOD SIDING



**SOUTH ELEVATION**  
30% STONE 4% WOOD SIDING 66% BRICK



**NORTH ELEVATION**  
31% STONE 69% BRICK



**WEST ELEVATION**  
35% STONE 65% BRICK

SITE PLAN SIGNATURE BLOCK

APPROVED: I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the planning and zoning commission of the City of Rockwall on the \_\_\_\_\_, 2020.

WITNESS OUR HANDS, this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_  
Planning & Zoning Commission, Chairman

\_\_\_\_\_  
Director of Planning and Zoning

**PRICING & CONSTRUCTION**  
**GENERAL NOTES:**

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OWNER  
ADAT ESTATE LLC  
488 ARCADIA WAY  
ROCKWALL, TEXAS 75087  
CASE #SP2020-010

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RESIDENTIAL RESTAURANTS  
INSTITUTIONAL  
**ARCHITECTS**

MEDICAL COMMERCIAL  
CHURCHES  
**MERSHAWN**

2313 RIDGE ROAD #103  
ROCKWALL, TEXAS 75087  
PHONE: 972-722-9302  
FAX: 972-249-2051

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS

**EXTERIOR ELEVATIONS**

Scale: 3/16" = 1'-0"  
Date: 6/17/2020  
Project No.: 200404  
Designed: GW  
Drawn: GW  
Checked: WM

SHEET  
**A2** OF











CONTRACTOR TO VERIFY PLANS AND TO VISIT SITE AND NOTIFY MERSHAWN ARCHITECTS OF ANY DISCREPANCIES BEFORE CONSTRUCTION.

|  | REQUIRED | PROVIDED |
|--|----------|----------|
| 1. STREET TREES<br>1 CANOPY PER 50' LINEAR OF R.O.W. | 3        | 5        |
| 2. LANDSCAPE BUFFER                                  | 10'      | 10'      |
| 3. SCREENING OF OFF STREET PARKING                   | NO       | NO       |
| 4. TOTAL LANDSCAPE AREA 15% REQUIRED                 | 4,580 SF | 5,973 SF |
| 5. 4 TREES REQUIRED AT REAR OF PROPERTY              | 4        | 4        |

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THERE IS NO MITIGATION FOR THIS PROPERTY

- LIVE OAKS (15)  
INSTALLED WITH A MIN. 4" CALIPER
- RED BUD (17)  
MIN 4' TALL
- INDIAN HAWTHORNE (90)  
PLANTS SHALL BE A MINIMUM OF 5-GALLONS & SHALL CREATE A MINIMUM 30" TALL SCREEN WITHIN TWO YEARS OF PLANTING. SHALL BE PLANTED @ 36" O.C.
- BOXWOOD BUSH (126)  
PLANTS SHALL BE A MINIMUM OF 5-GALLONS & SHALL CREATE A MINIMUM 2' TALL SCREEN WITHIN TWO YEARS OF PLANTING. SHALL BE PLANTED @ 36" O.C.

NO PARKING SPACE SHALL BE MORE THAN 80' FROM A CANOPY TREE

ALL AREAS NOT SHOWN AS SPECIFIC PLANT MATERIAL SHALL BE SODDED, BERMUUDA.

IN ORDER TO MEET BUDGET TREES SPECIFIED MAY NOT BE USED OTHER TREES FROM THE APPROVED CITY OF ROCKWALL PLANT LIST MAY BE SUITABLE FOR SUBSTITUTION.

REQUIRED LANDSCAPE AREAS SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. SYSTEM SHALL HAVE FREEZE GUARD AND RAINSTAT.

CONTRACTOR SHALL SUPPLY SLEEVES AS NEEDED FOR IRRIGATION.

TREES AND PLANTS SHALL BE PLANTED NO CLOSER THAN WITHIN 4' OF CURB AT PARKING SPACES AND NO CLOSER THAN 5' FROM ANY WATER, SEWER, OR STORM SEWER LINES.

ALL R.O.W. SHALL BE SODDED

HERMAN E UTLEY  
MIDDLE SCHOOL

N 01°34'52" E 165.0'

ONE STORY  
MEDICAL OFFICE  
W/FIRE SPRINKLER SYSTEM  
7,200 SF  
BLOCK A LOT 6

ALPHA DRIVE  
60' R.O.W.

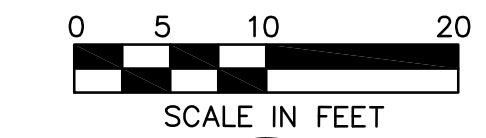
N 88°25'08" W 185.0'

SITE PLAN SIGNATURE BLOCK

APPROVED:  
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WITNESS OUR HANDS, this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_  
Planning & Zoning Commission, Chairman      Director of Planning and Zoning



PRICING & CONSTRUCTION  
GENERAL NOTES:

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INDUSTRIAL PARK  
BEING A 0.70 AC. TRACT OF LAND SITUATED  
IN THE ELLIS CENTRE #2 INDUSTRIAL PARK  
LOT 6 BLOCK A IN THE CITY OF ROCKWALL,  
ROCKWALL COUNTY, TEXAS

OWNER  
ADAT ESTATE LLC  
802 BRIDLE WAY  
ROCKWALL, TEXAS 75087

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CASE #SP2020-010

RESIDENTIAL RESTAURANTS  
INSTITUTIONAL  
ARCHITECTS

MEDICAL COMMERCIAL  
CHURCHES  
MERSHAWN ARCHITECTS

1520 E INTERSTATE 30  
ROCKWALL, TEXAS 75087

PHONE: 469-745-1701

| No. | Date | By |
|-----|------|----|
|     |      |    |
|     |      |    |
|     |      |    |
|     |      |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS

LANDSCAPE PLAN

Scale: 1" = 10'-0"

Date: 6/17/2020

Project No.: 200404

Designed: GW

Drawn: GW

Checked: WM

SHEET  
1 OF 1

| Luminaire Schedule |      |     |   |                    |                   |                |                   |                     |  |
|--------------------|------|-----|---|--------------------|-------------------|----------------|-------------------|---------------------|--|
| Symbol             | Type | Qty | Manufacturer / Catalog Number                             | Total Lumen Output | Total Input Watts | Ballast Factor | Light Lost Factor | User Defined Factor |  |
| LP                 | LP   | 2   | LITHONIA_DSX1 LED P5 40K TFTM VOLTAGE MOUNTING HS FINISH  | 12359              | 138               | 1.000          | 0.808             | 1.000               |  |
| WP                 | WP   | 5   | LITHONI_WDGE1 LED P2 40K 80CRI VF VOLTAGE MOUNTING FINISH | 1979               | 15.0178           | 1.000          | 0.808             | 1.000               |  |

| Calculation Summary       |                    |       |      |     |     |         |
|---------------------------|--------------------|-------|------|-----|-----|---------|
| Calculation Grid Location | Calc. Height (Ft.) | Units | Avg  | Max | Min | Avg/Min |
| GRADE_Planar              | 0                  | Fc    | 0.29 | 4.1 | 0.0 | N.A.    |
| PARKING LOT & DRIVEWAY    |                    | Fc    | 1.45 | 3.7 | 0.0 | N.A.    |

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HERMAN E UTLEY  
MIDDLE SCHOOL

N 01°34'52" E 165.0'

DETENTION AREA

ONE STORY  
MEDICAL OFFICE  
W/FIRE SPRINKLER SYSTEM  
7,200 SF  
BLOCK A LOT 6

25' BLDG SETBACK

30' LANDSCAPE AND UTILITY ESMT.

S 01°34'52" W 165.0'

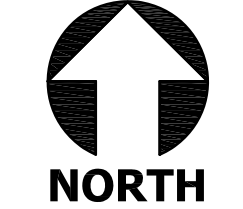
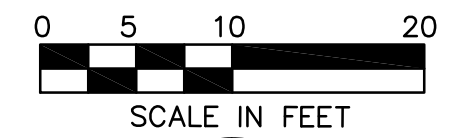
ALPHA DRIVE  
60' R.O.W.

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\_\_\_\_\_  
Planning & Zoning Commission, Chairman      Director of Planning and Zoning



PRICING & CONSTRUCTION  
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LOT 6 BLOCK A IN THE CITY OF ROCKWALL,  
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OWNER  
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CASE #SP2020-010

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RESIDENTIAL RESTAURANTS  
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MEDICAL COMMERCIAL  
CHURCHES  
**MERSHAWN**  
1520 E INTERSTATE 30  
ROCKWALL, TEXAS 75087

PHONE: 469-745-1701

| No. | Date | Revision | By |
|-----|------|----------|----|
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |
|     |      |          |    |

ELLIS CENTER MEDICAL OFFICE  
ROCKWALL, TEXAS

**PHOTOMETRIC PLAN**

|              |             |
|--------------|-------------|
| Scale:       | 1" = 10'-0" |
| Date:        | 6/17/2020   |
| Project No.: | 200404      |
| Designed:    | GW          |
| Drawn:       | GW          |
| Checked:     | MM          |
| SHEET        | OF          |
| <b>AP1</b>   | <b>1</b>    |



# WEDGE1 LED

## Architectural Wall Sconce



Catalog Number

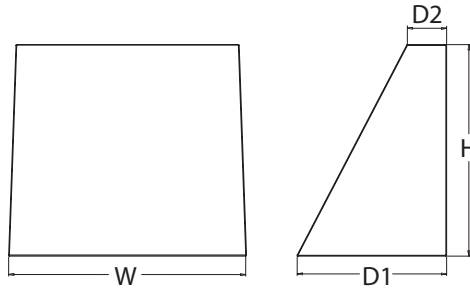
Notes

Type

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

### Specifications

**Depth (D1):** 5.5"  
**Depth (D2):** 1.5"  
**Height:** 8"  
**Width:** 9"  
**Weight:** 9 lbs  
 (without options)



### Introduction

The WEDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WEDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WEDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

### WEDGE LED Family Overview

| Luminaire  | Standard EM, 0°C | Cold EM, -20°C | Sensor              | Lumens (4000K) |        |        |        |        |        |
|------------|------------------|----------------|---------------------|----------------|--------|--------|--------|--------|--------|
|            |                  |                |                     | P1             | P2     | P3     | P4     | P5     | P6     |
| WEDGE1 LED | 4W               | --             | --                  | 1,200          | 2,000  | --     | --     | --     | --     |
| WEDGE2 LED | 10W              | 18W            | Standalone / nLight | 1,200          | 2,000  | 3,000  | 4,500  | 6,000  | --     |
| WEDGE3 LED | 15W              | 18W            | Standalone / nLight | 7,500          | 8,500  | 10,000 | 12,000 | --     | --     |
| WEDGE4 LED | --               | --             | Standalone / nLight | 12,000         | 16,000 | 18,000 | 20,000 | 22,000 | 25,000 |

### Ordering Information

**EXAMPLE:** WEDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

| Series     | Package  | Color Temperature  | CRI            | Distribution  | Voltage                   | Mounting   |
|------------|----------|--|----------------|---|---------------------------|--|
| WEDGE1 LED | P1<br>P2 | 27K 2700K<br>30K 3000K<br>35K 3500K<br>40K 4000K<br>50K <sup>1</sup> 5000K | 80CRI<br>90CRI | VF Visual comfort forward throw<br>VW Visual comfort wide | MVOLT<br>347 <sup>2</sup> | <b>Shipped included</b><br>SRM Surface mounting bracket<br>ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>5</sup><br><b>Shipped separately</b><br>AWS 3/8inch Architectural wall spacer<br>BBW Surface-mounted back box<br>PBBW Premium surface-mounted back box (top, left, right conduit entry) |

| Options   | Finish                           |
|---|----------------------------------|
| E4WH <sup>3</sup> Emergency battery backup, CEC compliant (4W, 0°C min)                               | DDBXD Dark bronze                |
| PE <sup>4</sup> Photocell, Button Type  | DBLXD Black                      |
| DS Dual switching ( comes with 2 drivers and 2 light engines; see page 3 for details)                 | DNAXD Natural aluminum           |
| DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) | DWHXD White                      |
| BCE Bottom conduit entry for premium back box (PBBW). Total of 4 entry points.                        | DSSXD Sandstone                  |
|   | DDBTXD Textured dark bronze      |
|   | DBLTXD Textured black            |
|   | DNATXD Textured natural aluminum |
|   | DWHGXD Textured white            |
|   | DSSTXD Textured sandstone        |

### Accessories

Ordered and shipped separately.

|                   |  |
|-------------------|--|
| WDGEAWS DDBXD U   | WEDGE 3/8inch Architectural Wall Spacer (specify finish) |
| WDGE1PBBW DDBXD U | WEDGE1 Premium surface-mounted back box (specify finish) |
| WSBBW DDBXD U     | Surface - mounted back box (specify finish)              |

### NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS or PE.
- E4WH not available with PE or DS.
- PE not available with DS.
- Not qualified for DLC. Not available with E4WH.



COMMERCIAL OUTDOOR

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WEDGE1 LED  
 Rev. 04/15/20

## 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.

| Performance Package | System Watts | Dist. Type | 27K (2700K, 80 CRI) |     |   |   |   | 30K (3000K, 80 CRI) |     |   |   |   | 35K (3500K, 80 CRI) |     |   |   |   | 40K (4000K, 80 CRI) |     |   |   |   | 50K (5000K, 80 CRI) |     |   |   |   |
|---------------------|--------------|------------|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|
|                     |              |            | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G |
| P1                  | 10W          | VF         | 1,120               | 112 | 0 | 0 | 0 | 1,161               | 116 | 0 | 0 | 0 | 1,194               | 119 | 0 | 0 | 0 | 1,227               | 123 | 0 | 0 | 0 | 1,235               | 123 | 0 | 0 | 0 |
|                     |              | VW         | 1,122               | 112 | 0 | 0 | 0 | 1,163               | 116 | 0 | 0 | 0 | 1,196               | 120 | 0 | 0 | 0 | 1,229               | 123 | 0 | 0 | 0 | 1,237               | 124 | 0 | 0 | 0 |
| P2                  | 15W          | VF         | 1,806               | 120 | 1 | 0 | 0 | 1,872               | 125 | 1 | 0 | 0 | 1,925               | 128 | 1 | 0 | 0 | 1,978               | 132 | 1 | 0 | 0 | 1,992               | 133 | 1 | 0 | 0 |
|                     |              | VW         | 1,809               | 120 | 1 | 0 | 0 | 1,876               | 125 | 1 | 0 | 0 | 1,929               | 128 | 1 | 0 | 0 | 1,982               | 132 | 1 | 0 | 0 | 1,996               | 133 | 1 | 0 | 0 |

### Electrical Load

| Performance Package | System Watts | Current (A) |       |       |       |       |
|---------------------|--------------|-------------|-------|-------|-------|-------|
|                     |              | 120V        | 208V  | 240V  | 277V  | 347V  |
| P1                  | 10W          | 0.082       | 0.049 | 0.043 | 0.038 | --    |
|                     | 13W          | --          | --    | --    | --    | 0.046 |
| P2                  | 15W          | 0.132       | 0.081 | 0.072 | 0.064 | --    |
|                     | 18W          | --          | --    | --    | --    | 0.056 |

### Lumen Multiplier for 90CRI

| CCT | Multiplier |
|-----|------------|
| 27K | 0.845      |
| 30K | 0.867      |
| 35K | 0.845      |
| 40K | 0.885      |
| 50K | 0.898      |

### Lumen Output in Emergency Mode (4000K, 80 CRI)

| Option | Dist. Type | Lumens |
|--------|------------|--------|
| E4WH   | VF         | 646    |
|        | VW         | 647    |

### 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   | 1.03             |
| 10°C / 50°F  | 1.02             |
| 20°C / 68°F  | 1.01             |
| 25°C / 77°F  | 1.00             |
| 30°C / 86°F  | 0.99             |
| 40°C / 104°F | 0.98             |

### 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).

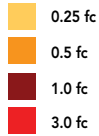
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

| Operating Hours          | 0   | 25,000 | 50,000 | 100,000 |
|--------------------------|-----|--------|--------|---------|
| Lumen Maintenance Factor | 1.0 | >0.96  | >0.95  | >0.91   |

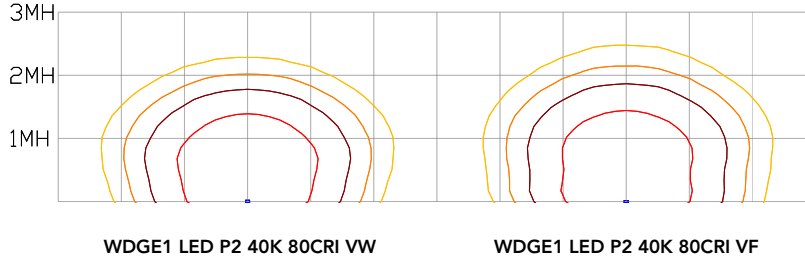
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

### LEGEND



MH = 8ft  
Grid = 8ft x 8ft



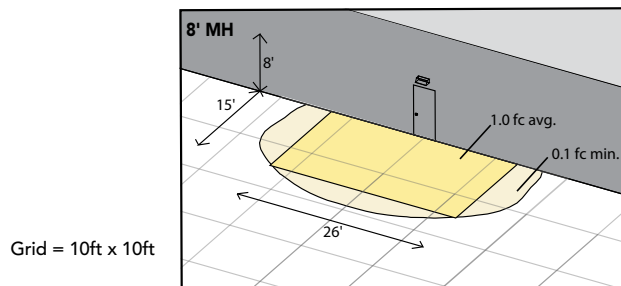
## Emergency Egress Options

### Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

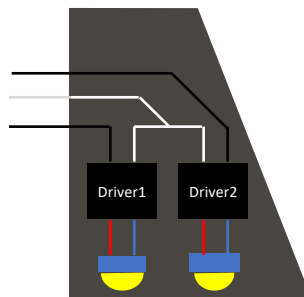


WDGE1 LED xx 40K 80CRI VF MVOLT E4WH

### Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





**E4WH – 4W Emergency Battery Backup**

D = 5.5"

H = 8"

W = 9"

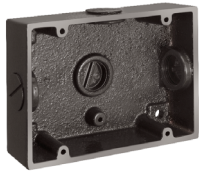


**PBBW – Premium Back Box**

D = 1.75"

H = 8"

W = 9"



**BBW – Standard Back Box**

D = 1.5"

H = 4"

W = 5.5"



**AWS – 3/8inch Architectural Wall Spacer**

D = 0.38"

H = 4.4"

W = 7.5"

## FEATURES & SPECIFICATIONS

### INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

### CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

### FINISH

Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

### OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED 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 consists of high-efficiency LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

### LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. 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](http://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 2700K and 3000K color temperature only and SRM mounting only.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.



# D-Series Size 1 LED Area Luminaire

d#series

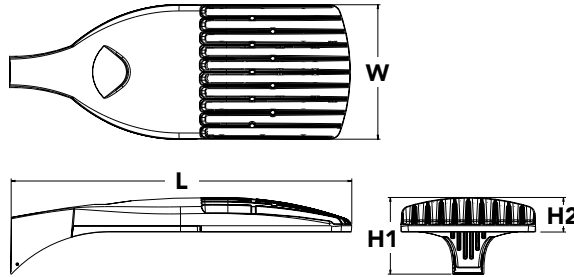


|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

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

## Specifications

|                      |  |
|----------------------|--|
| <b>EPA:</b>          | 1.01 ft <sup>2</sup><br>(0.09 m <sup>2</sup> ) |
| <b>Length:</b>       | 33"<br>(83.8 cm)                               |
| <b>Width:</b>        | 13"<br>(33.0 cm)                               |
| <b>Height H1:</b>    | 7-1/2"<br>(19.0 cm)                            |
| <b>Height H2:</b>    | 3-1/2"   |
| <b>Weight (max):</b> | 27 lbs<br>(12.2 kg)                            |



## Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

A+ Capable options indicated by this color background.

## Ordering Information

**EXAMPLE:** DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

| DSX1 LED |                                   | Color temperature |        | Distribution |                           | Voltage | Mounting                         |                    |   |
|----------|-----------------------------------|-------------------|--------|--------------|---------------------------|---------|----------------------------------|--------------------|---|
| Series   | LEDs                              |                   |        |              |                           |         |                                  |                    |   |
| DSX1 LED | <b>Forward optics</b>             | 30K               | 3000 K | T1S          | Type I short (Automotive) | T5VS    | Type V very short <sup>2</sup>   | MVOLT <sup>4</sup> | <b>Shipped included</b><br>SPA Square pole mounting<br>RPA Round pole mounting<br>WBA Wall bracket <sup>2</sup><br>SPUMBA Square pole universal mounting adaptor <sup>6</sup><br>RPUMBA Round pole universal mounting adaptor <sup>6</sup><br><b>Shipped separately</b><br>KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) <sup>7</sup> |
|          | P1 P4 P7                          | 40K               | 4000 K | T2S          | Type II short             | T5S     | Type V short <sup>2</sup>        | 120 <sup>5</sup>   |   |
|          | P2 P5 P8                          | 50K               | 5000 K | T2M          | Type II medium            | T5M     | Type V medium <sup>2</sup>       | 208 <sup>5</sup>   |   |
|          | P3 P6 P9                          |                   |        | T3S          | Type III short            | T5W     | Type V wide <sup>2</sup>         | 240 <sup>5</sup>   |   |
|          | <b>Rotated optics</b>             |                   |        | T3M          | Type III medium           | BLC     | Backlight control <sup>3</sup>   | 277 <sup>5</sup>   |   |
|          | P10 <sup>1</sup> P12 <sup>1</sup> |                   |        | T4M          | Type IV medium            | LCCO    | Left corner cutoff <sup>3</sup>  | 347 <sup>5</sup>   |   |
|          | P11 <sup>1</sup> P13 <sup>1</sup> |                   |        | TFTM         | Forward throw medium      | RCCO    | Right corner cutoff <sup>3</sup> | 480 <sup>5</sup>   |   |
|          |                                   |                   |        |              |                           |         |                                  |                    |   |
|          |                                   |                   |        |              |                           |         |                                  |                    |   |
|          |                                   |                   |        |              |                           |         |                                  |                    |   |

| Control options  | Other options   | Finish (required)   |
|--|---|---|
| <b>Shipped installed</b><br>NLTAIR2 nLight AIR generation 2 enabled <sup>8</sup><br>PIRHN Network, high/low motion/ambient sensor <sup>9</sup><br>PER NEMA twist-lock receptacle only (controls ordered separate) <sup>10</sup><br>PER5 Five-pin receptacle only (controls ordered separate) <sup>10,11</sup><br>PER7 Seven-pin receptacle only (controls ordered separate) <sup>10,11</sup><br>DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) <sup>13</sup><br>DS Dual switching <sup>13,14,15</sup> | PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc <sup>16,17</sup><br>PIRH High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc <sup>16,17</sup><br>PIR1FC3V High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>16,17</sup><br>PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>16,17</sup><br>FAO Field adjustable output <sup>15</sup> | <b>Shipped installed</b><br>HS House-side shield <sup>18</sup><br>SF Single fuse (120, 277, 347V) <sup>5</sup><br>DF Double fuse (208, 240, 480V) <sup>5</sup><br>L90 Left rotated optics <sup>1</sup><br>R90 Right rotated optics <sup>1</sup><br><b>Shipped separately</b><br>BS Bird spikes <sup>19</sup><br>EGS External glare shield |
|  |   | DDBXD Dark bronze<br>DBLXD Black<br>DNAXD Natural aluminum<br>DWHXD White<br>DDBTXD Textured dark bronze<br>DBLBXD Textured black<br>DNATXD Textured natural aluminum<br>DWHGXD Textured white  |





## Ordering Information

### Accessories

Ordered and shipped separately.

|                    |   |
|--------------------|---|
| DLL127F 1.5 JU     | Photocell - SSL twist-lock (120-277V) <sup>20</sup>                             |
| DLL347F 1.5 CUL JU | Photocell - SSL twist-lock (347V) <sup>20</sup>                                 |
| DLL480F 1.5 CUL JU | Photocell - SSL twist-lock (480V) <sup>20</sup>                                 |
| DSHORT SBK U       | Shorting cap <sup>20</sup>  |
| DSX1HS 30C U       | House-side shield for P1, P2, P3, P4 and P5 <sup>18</sup>                       |
| DSX1HS 40C U       | House-side shield for P6 and P7 <sup>18</sup>                                   |
| DSX1HS 60C U       | House-side shield for P8, P9, P10, P11 and P12 <sup>18</sup>                    |
| PUMBA DDBXD U*     | Square and round pole universal mounting bracket (specify finish) <sup>21</sup> |
| KMA8 DDBXD U       | Mast arm mounting bracket adaptor (specify finish) <sup>7</sup>                 |
| DSX1EGS (FINISH) U | External glare shield   |

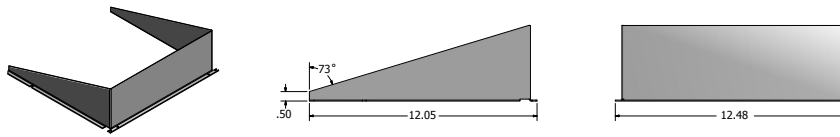
For more control options, visit [DTL](#) and [ROAM](#) online.

### NOTES

- P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
- Any Type 5 distribution with photocell, is not available with WBA.
- Not available with HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Universal mounting brackets intended for retrofit on existing, pre-drilled poles only. 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. Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- Must be ordered with NLTAR2. For more information on Light Air 2 visit [this link](#).
- 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<sup>®</sup> node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Node with integral dimming.
- DMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- 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 with isolated neutral. See Outdoor Control Technical Guide for details.
- Reference Motion Sensor table on page 4.
- Reference controls options table on page 4 to see functionality.
- 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.

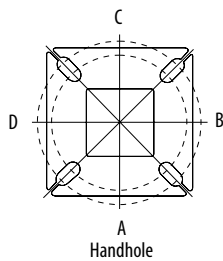
## Options

### EGS - External Glare Shield



## Drilling

### HANDHOLE ORIENTATION

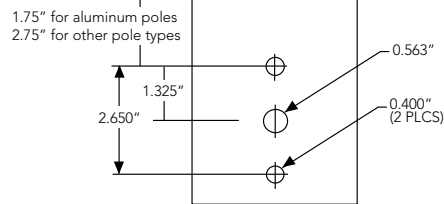


### Tenon Mounting Slipfitter\*\*

| Tenon O.D. | Mounting | Single Unit | 2 @ 180   | 2 @ 90    | 3 @ 120   | 3 @ 90    | 4 @ 90    |
|------------|----------|-------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8"     | SPA/RPA  | AS3-5 190   | AS3-5 280 | AS3-5 290 | AS3-5 320 | AS3-5 390 | AS3-5 490 |
|            | SPUMBA   | AS3-5 190   | AS3-5 280 | AS4-5 290 | AS3-5 320 | AS4-5 390 | AS4-5 490 |
|            | RUPUMBA  | AS3-5 190   | AS3-5 280 |           | AS3-5 320 |           |           |
| 2-7/8"     | SPA/RPA  | AST25-190   | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
|            | SPUMBA   | AST25-190   | AST25-280 |           | AST25-320 |           |           |
|            | RUPUMBA  | AST25-190   | AST25-280 |           | AST25-320 |           |           |
| 4"         | SPA/RPA  | AST35-190   | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |
|            | SPUMBA   | AST35-190   | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |
|            | RUPUMBA  | AST35-190   | AST35-280 |           | AST35-320 |           |           |

Template #8

Top of Pole



| Mounting Option    | Drilling Template | Single | 2 @ 180    | 2 @ 90     | 3 @ 90        | 3 @ 120         | 4 @ 90           |
|--------------------|-------------------|--------|------------|------------|---------------|-----------------|------------------|
| Head Location      |                   | Side B | Side B & D | Side B & C | Side B, C & D | Round Pole Only | Side A, B, C & D |
| Drill Nomenclature | #8                | DM19AS | DM28AS     | DM29AS     | DM39AS        | DM32AS          | DM49AS           |

|         | Drilling Template | Minimum Acceptable Outside Pole Dimension |        |      |      |      |      |
|---------|-------------------|---|--------|------|------|------|------|
| SPA     | #8                | 2-7/8"                                    | 2-7/8" | 3.5" | 3.5" | 3"   | 3.5" |
| RPA     | #8                | 2-7/8"                                    | 2-7/8" | 3.5" | 3.5" | 3"   | 3.5" |
| SPUMBA  | #5                | 2-7/8"                                    | 3"     | 4"   | 4"   | 3.5" | 4"   |
| RUPUMBA | #5                | 2-7/8"                                    | 3.5"   | 5"   | 5"   | 3.5" | 5"   |

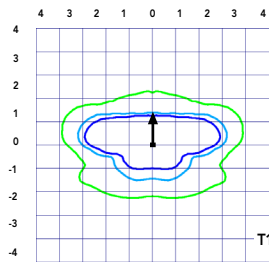
# Photometric Diagrams

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

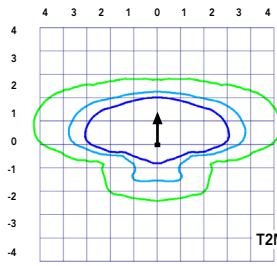
Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').

### LEGEND

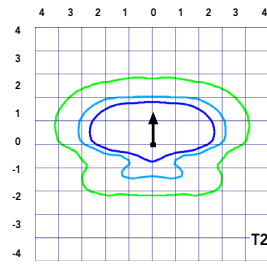
- 0.1 fc
- 0.5 fc
- 1.0 fc



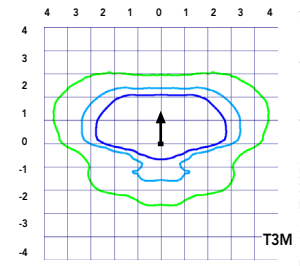
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



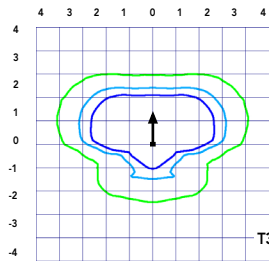
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



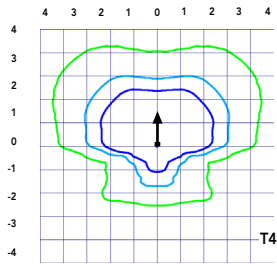
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



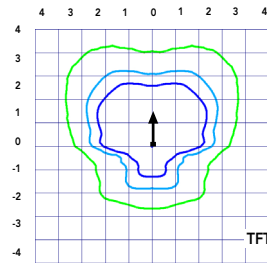
Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



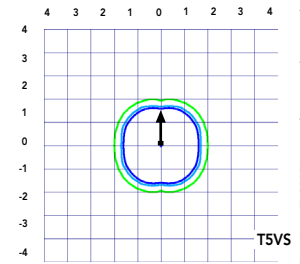
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



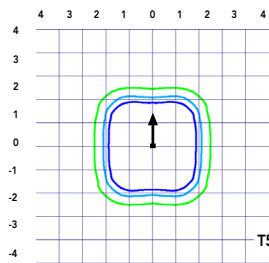
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



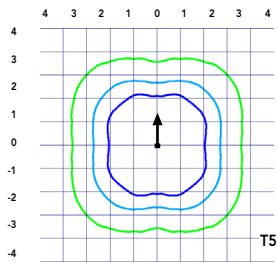
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



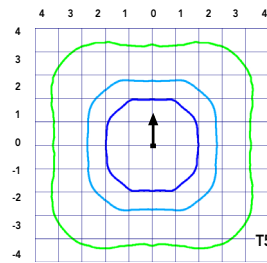
Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



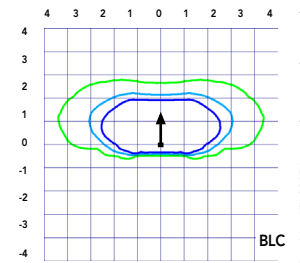
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



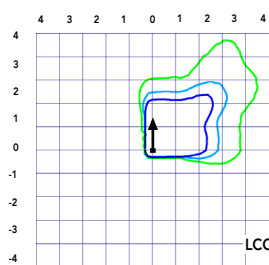
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



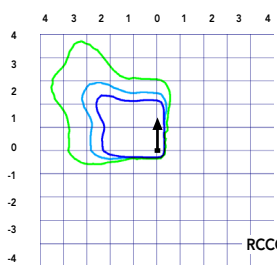
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



Test No. LT.L23164B tested in accordance with IESNA LM-79-08.

## 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             |
| <b>25°C</b> | <b>77°F</b> | <b>1.00</b>      |
| 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 | Lumen Maintenance Factor |
|-----------------|--------------------------|
| 0               | 1.00                     |
| 25,000          | 0.96                     |
| 50,000          | 0.92                     |
| 100,000         | 0.85                     |

#### 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 when motion sensor is used as dusk to dawn control.

### 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 |

#### Controls Options

| Nomenclature  | Description   | Functionality   | Primary control device  | Notes  |
|---------------|---|---|---|--|
| FA0           | Field adjustable output device installed inside the luminaire; wired to the driver dimming leads. | Allows the luminaire to be manually dimmed, effectively trimming the light output.  | FA0 device  | Cannot be used with other controls options that need the 0-10V leads                                 |
| DS            | Drivers wired independently for 50/50 luminaire operation   | The luminaire is wired to two separate circuits, allowing for 50/50 operation.  | Independently wired drivers   | Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative. |
| PERS or PER7  | Twist-lock photocell receptacle   | Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.              | Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM. | Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire                        |
| PIR or PIRH   | Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting          | Luminaires dim when no occupancy is detected.   | Acuity Controls SBGR  | Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.          |
| NLTAIR2 PIRHN | nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.            | Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse. | nLight Air rSDGR  | nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.    |







## 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 interoperability<sup>1</sup>
- 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<sup>1</sup>

To learn more about A+, visit [www.acuitybrands.com/aplus](http://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](#)

## 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 ft<sup>2</sup>) 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).

### STANDARD CONTROLS

The DSX1 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

### nLIGHT AIR CONTROLS

The DSX1 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found here.

### 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). 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](http://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/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.





August 3, 2020

TO: Greg Wallis  
Mershawn Architects  
1520 E. IH-30  
Rockwall, TX 75087

FROM: David Gonzales, AICP  
City of Rockwall Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, TX 75087

SUBJECT: SP2020-010; SP2020-010; *Site Plan for Ellis Center Medical Office Building*

Greg Wallis:

This letter serves to notify you that the above referenced site plan case, that you submitted for consideration by the City of Rockwall, was approved by the Planning and Zoning Commission on July 14, 2020. The following is a record of all recommendations, voting records and conditions of approval:

Staff Recommendations

- (1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of a building permit;
- (2) Approval by the Planning and Zoning Commission of all exceptions requested as outlined in staff's report;
- (3) If vertical walls are proposed for the detention system through the civil engineering process, the applicant will be required to submit a revised landscaping plan showing screening of the detention pond. This will need to be approved by Planning and Zoning Department staff prior to full engineering acceptance; and,
- (4) Any construction resulting from the approval of this site plan shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

Planning and Zoning Commission

On July 14, 2020, the Planning and Zoning Commission approved a motion to approve a site plan with the conditions of approval by a vote of 6-0, with Commissioner Moeller absent.

Prior to submitting your civil engineering plans to the Engineering Department, you will need to submit bonded and digital copies of the site plan showing that all outstanding comments have been addressed. Please note that site plans that have not been completed within two (2) years of the final approval date shall be deemed to have expired. An extension may be granted by the Planning and Zoning Commission upon submission of a written request at least 90-days prior to the expiration date. Should you have any questions or concerns regarding your site plan or the site plan process, please feel free to contact me a (972) 771-7745.

Sincerely,

  
David Gonzales, AICP  
Planning and Zoning Manager