

# **A G E N D A**

## **OLD TOWN DESIGN REVIEW COMMITTEE OCTOBER 11, 2016**

**LEWISVILLE CITY HALL  
COMMUNITY DEVELOPMENT CONFERENCE ROOM  
2<sup>ND</sup> FLOOR  
151 WEST CHURCH STREET  
LEWISVILLE, TEXAS**

**SPECIAL MEETING – 4:00 P.M.**

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- 1. Call to Order and Announce That a Quorum is Present.**
- 2. Approve the Minutes From September 26, 2016.**
- 3. Consideration of a Letter of Design Approval for Exterior Lighting for the Frost Bank ATM; Located at 159 W. Main Street as Requested by Shane Custer, on Behalf of Frost Bank.**
- 4. Tabled Item: Consideration of a Letter of Design Approval for exterior building design for a new residence located at 211 N. Hatcher Street, as requested by Bill Peck, on behalf of Daniel Tsakonas, the property owner.**
- 5. Adjournment.**

### **NOTICE OF ASSISTANCE AT THE PUBLIC MEETINGS**

The Lewisville City Hall & Community Development Conference Room are wheelchair accessible. Access to the building and special parking are available at the front entrance along Church Street. Persons with disabilities who plan to attend this meeting and who may need auxiliary aids or services such as interpreters for persons who are deaf or hearing impaired, readers, or large print, are requested to contact the Economic Development Office at (972) 219-3736 or by FAX (972) 219-3412 at least two (2) working days prior to the meeting so that appropriate arrangements can be made.

**Minutes  
Old Town Design Review Committee  
September 26, 2016**

**Item 1:**

Vice Chair Sharon Ellis called the Old Town Design Review Committee to order at 4:07 p.m. with the following members present: Sharon Ellis, Casey Dunn, Doug Killough, and Advising Architect Bill Peck. Members Amanda Ferguson and Andrea Fowler were absent.

Staff present: Richard Luedke, Planning Manager; and June Sin, Planner.

**Item 2:**

The second item on the agenda was the approval of the minutes from the September 12, 2016 meeting. A motion was made by Doug Killough and seconded by Casey Dunn to approve the minutes. The motion passed unanimously (4-0).

Vice Chair Sharon Ellis revised the order of agenda items as indicated below:

**Item 4:**

The next item on the agenda was consideration of a Letter of Design Approval for a new shed for Chasin Tail BBQ, Located at 136 W. Main Street, as requested by Jon Sanders, on behalf of the Chasin Tail BBQ, the tenant.

Staff gave a brief presentation indicating that the applicant wants to build a new shed to house a smoker. The new shed will measure approximately 128 square feet (8'x16'). It will be finished with corrugated metal siding, which will be painted to match the existing building. The highest point will be approximate nine feet from the ground, and the lower part will be about eight feet high. Metal siding will be on four sides of the shed. On the front, the left side of the metal siding will be on a hinge to function as a door. The applicant presented that the shed will be painted with same paint used on the exterior of the building. The committee recommended painting four sides but leaving the roof a natural metal color. A motion was made by Doug Killough and seconded by Casey Dunn to approve the new shed with the roof consisting of a natural metal color. The motion passed unanimously (3-0).

**Item 3:**

The next item on the agenda was consideration of a Letter of Design Approval for a new monument sign for Model Lashes & More Studio, located at 449 W. Main Street as requested by Marisol Guess, the business owner.

Staff gave a brief presentation indicating that the applicant plans to add a new monument sign on the existing steel posts. The proposed sign will be a double sided sign, painted directly to weather proof wood. The letters will be painted in a serif font in calligraphy style letters. On each side, graphics featuring lavender flowers, green stems and a small heart will be added for

**Page 2**  
**Minutes - Old Town Design Review Committee**  
**September 26, 2016**

decoration. Members recommended the following revisions to meet the Old Town design guidelines:

1. Sign must be designed by a professional sign contractor
2. Reduce the size of the phone number
3. Add a shape to the top of the sign
4. Add casing around the existing sign posts or add fresh paint
5. If the sign contains no outside scallop, consider orienting scallop inward
6. Consider possibility of hanging sign within the existing frame

A motion was made by Doug Killough and seconded by Sharon Ellis to table the item and to forward the recommendations listed above to the applicant. The motion passed unanimously (3-0).

**Item 5:**

The next item on the agenda was consideration of a Letter of Design Approval for exterior building design for a new residence located at 211 N. Hatcher Street, as requested by Bill Peck, on behalf of Daniel Tsakonas, the property owner.

Staff gave a brief presentation indicating that the applicant plans to build a two-story house, approximately 2,984 square feet with an angled garage. Staff discussed the proposed design, materials and finishes. Members discussed the proposed design and materials. Concerns were raised as to how the angled garage reflected the architectural style of the 1920's and 1930's.

A motion was made by Doug Killough and seconded by Casey Dunn to approve the exterior design as presented. The motion failed (2-1). A motion was made by Sharon Ellis and seconded by Doug Killough to table the item to the next meeting in order to revisit the angled garage issue. The motion passed unanimously (3-0).

**Item 6:**

The next item on the agenda was consideration of a Letter of Design Approval for exterior building design for Stokes Law Office located at 132 W. Main Street, as requested by Bill Peck, on behalf of Kellie Stokes of JK Mustang Properties, LLC., the property owner.

Staff gave a brief presentation indicating that the applicant is proposing a new addition which will extend from the south side of the existing structure. The proposal includes five office spaces. The first floor addition will have two office spaces and the second floor addition will have three additional offices with combined area of approximately 943 square feet.

Staff recommended that the approval for proposed exterior building design be contingent upon the approval of a final plat and Old Town Development Plan.

**Page 3**  
**Minutes - Old Town Design Review Committee**  
**September 26, 2016**

*A motion was made by Doug Killough and seconded by Casey Dunn to approve the exterior building design as presented with the staff recommendation. The motion passed unanimously (3-0).*

There being no other items to discuss, the meeting was adjourned at 5:25 p.m.

Respectfully submitted,

Approved,

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Richard E. Luedke, Planning Manager

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Amanda Ferguson, Chairperson

## STAFF REPORT

**TO:** Old Town Design Review Committee

**FROM:** June Sin, Planner

**MEETING**

**DATE:** October 11, 2016

**SUBJECT: Consideration of a Letter of Design Approval for Exterior Lighting for the Frost Bank ATM; Located at 159 W. Main Street as requested by Shane Custer, on behalf of Frost Bank.**

### **BACKGROUND**

The property is located on the north side of Main Street between Charles Street and Mill Street. The applicant is in the process of adding exterior lighting fixtures around the ATM machine to meet state requirements. On June 13, 2016, the Old Town Design Review Committee tabled the item to recommend the applicant to consider lighting fixture options more appropriate for the Old Town.

### **ANALYSIS**

In efforts to meet the Texas State regulations require lighting around ATM's, the applicant is proposing to remove existing can light and associated conduit, and install new fixtures and concealed conduit. The applicant is proposing total of (7) new gooseneck lights and (16) wall packs mounted on the awnings and (2) additional wall packs wall mounted.

#### *ATM Lights*

Two gooseneck fixtures are proposed to be placed on the face of the metal awnings above the ATM. The existing can light fixture and associated conduits will be removed. Proposed wall packs are three inches by four inches and 12' long, and will be tucked under the membranes of awnings, hidden from the street view. Two wall packs will be installed on the edge of the awning, one along the wall and the other along the street. Two wall mounted wall packs will be mounted over the entry doors in the arch shaped area painted white.

#### *Additional Lights*

On the building where Frost Bank is located, the adjacent tenant to the west will receive same treatment. Two gooseneck fixtures and two wall packs will be installed in the same manner as the awning of the ATM. Wall packs are three inches by four inches and 8' long. Five wall packs are proposed along the edge of the awning of the adjacent building to the east. Seven wall packs are proposed along the edge of the awning of the adjacent building to the west. Three more goose neck lights will installed on the wall of the adjacent building to the east.

### **RECOMMENDATION**

Staff recommends that the Old Town Design Review Committee grant a Letter of Design Approval for the proposed Exterior Lighting.



**Day Time Rendering - Front View**



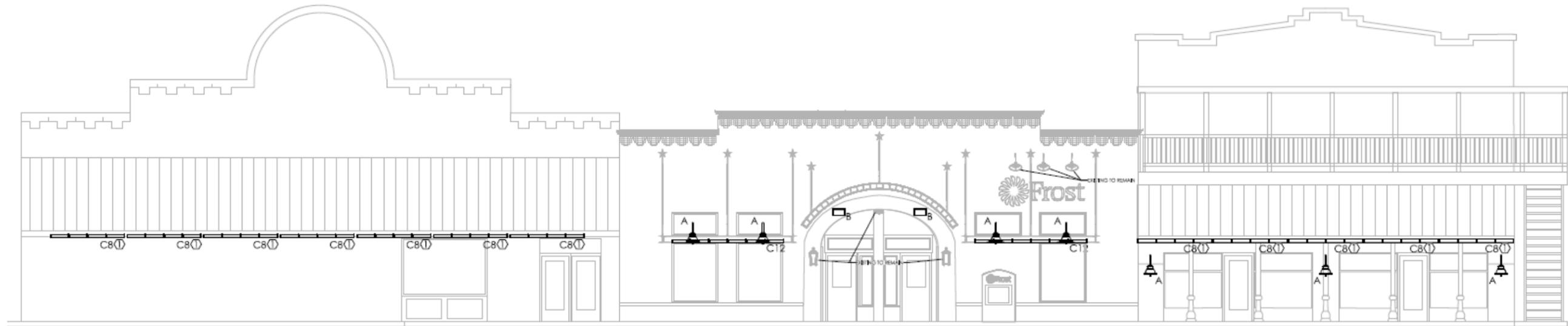
**Night Time Rendering - Front View**



**Day Time Rendering**



**Night Time Rendering**



## Fixtures



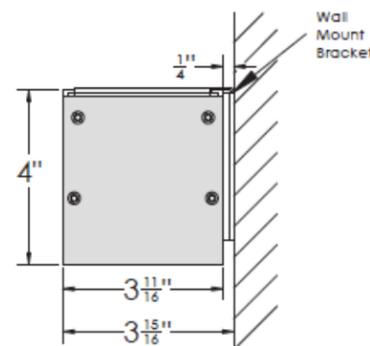
### Specifications Luminaire

- Height:** 8-1/2"  
(21.59 cm)
- Width:** 17"  
(43.18 cm)
- Depth:** 10-3/16"  
(25.9 cm)
- Weight:** 20 lbs  
(9.1 kg)

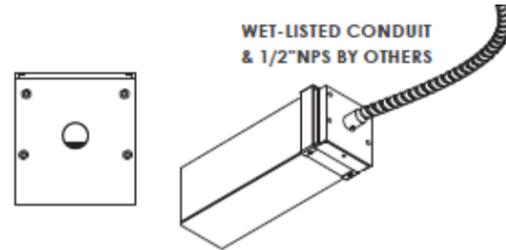


**CMO**  
Shown with 7124

Height: 20.625 in. (524 mm)  
Depth: 17.375 in. (441 mm)  
Weight: 7 lbs. (3.2 kg)

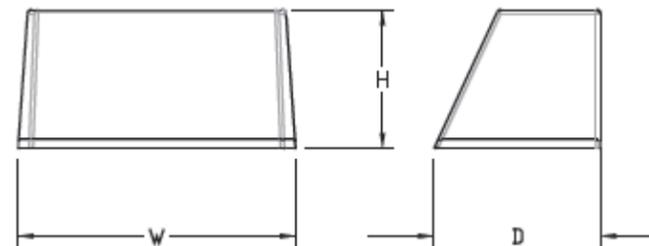


LP3.5WD/WL



STANDARD -- Power feed location on end of of fixture through the end cap.

Choose TPF in Additional Options for top-side power feed location.

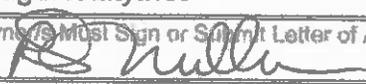




**OLD TOWN DESIGN REVIEW  
COMMITTEE  
APPLICATION**



**LEWISVILLE**  
Deep Roots. Bright Wings. Bright Future.

Owner/s (name): Vintage Realty	
Company Name: Vintage Realty	
Mailing Address: 2980 Long Prairie Rd., Ste. D, Flower Mound Tx. 75022	
Work #: (972) 355-0669	Cell #:
E-Mail: Rich@VintageRealty.net	
Owner Signature (Owner/s Must Sign or Submit Letter of Authorization): 	Date: 10/06/2016
Printed Name: Rich Muller	

Applicant/Tenant (name): Frost Bank	
Company Name: Frost Bank	
Mailing Address: 3838 Rogers Road, San Antonio, TX 78251	
Work #: 210-220-4798	Cell #: 210-478-8708
E-Mail: dena.allen@frostbank.com	
Applicant/Tenant Signature 	Date: 10/06/2016
Printed Name: Dena Allen	

Architect/Engineer (name): Shane Custer, P.E.	
Company Name: Big State Electric, Ltd.	
Mailing Address: 8923 Aero Street, San Antonio Tx. 78217	
Work #: (210) 735-1051	Cell #: (210) 854-0020
E-Mail: shane.custer@bigstateelectric.com	
Architect/Engineer Signature 	Date: 10/06/2016
Printed Name: Shane Custer, P.E.	

**REQUIRED:**

- Narrative letter summarizing scope of work
- Site plan/roof plan (drawn to scale)
- Proposed building elevations (to scale)
- Photographs of existing building conditions
- Product literature or specifications
- Materials samples and color samples

**NOTE:**

Items must be staff approved and deemed complete before they will be placed on an agenda



BIG STATE ELECTRIC, LTD  
 8923 AERO ST  
 SAN ANTONIO, TX 78217  
 PHONE: (210) 735-1051  
 WWW.BIGSTATEELECTRIC.COM

ELECTRICAL ENGINEER SEAL:

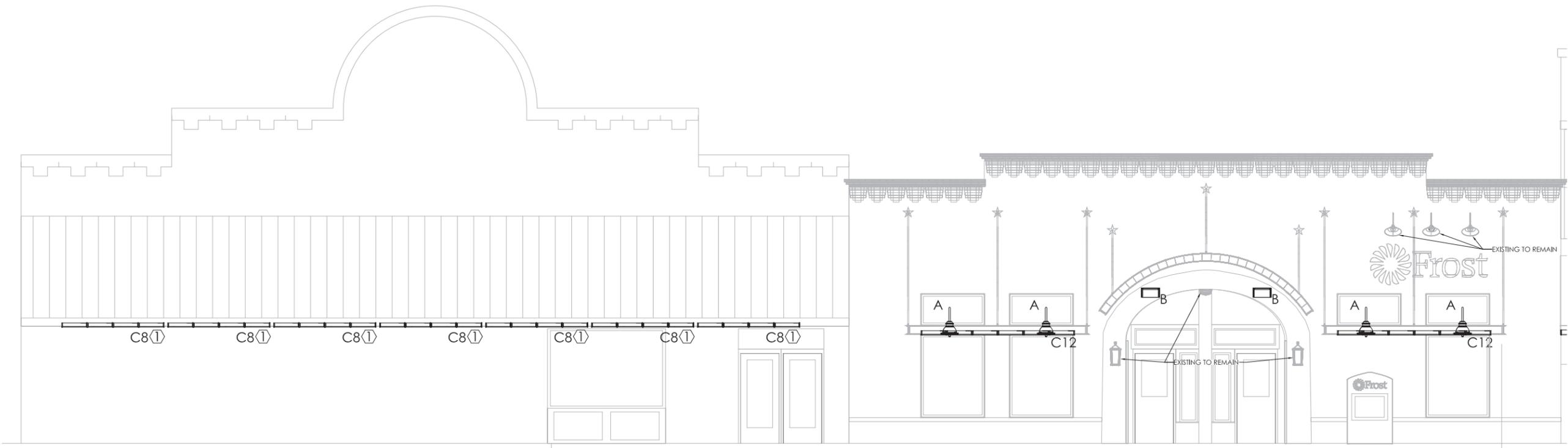


**GENERAL NOTES:**

1. REFERENCE SHEET E001 FOR LEGEND, ABBREVIATIONS AND FURTHER GENERAL NOTES.
2. ALL CONDUIT SHALL BE CONCEALED FROM STREET VIEW TO THE EXTENT POSSIBLE.
3. COORDINATE ALL INSTALLATION CONCERNING NEIGHBORING TENANTS WITH ASSOCIATED PERSONNEL AND OPERATING HOURS.
4. ALL ATM LIGHTING SHALL BE 100% PHOTOCELL ON/OFF ONLY. NO SHUTOFF BETWEEN 12:00AM-6:00AM IS PROHIBITED.
5. DO NOT SCALE FROM ARCHITECTURAL/STRUCTURAL SHOWN HEREIN. ALL DIMENSIONS MUST BE FIELD MEASURED.

**KEYED NOTES:**

- ① REFERENCE 2/E101 FOR FIXTURE MOUNTING DETAILS.



① WEST EXTERIOR ELEVATION - LIGHTING  
 SCALE: 1/4" = 1'-0"

PROJECT INFORMATION  
**FROST BANK - ATM LIGHTING**  
 159 WEST MAIN STREET  
 LEWISVILLE, TX 75057

PROJECT NUMBER:

No.	Revision/Issue	Date

Date: 10/04/2016  
 DRAWN BY: TC  
 CHECKED BY: SC

TITLE:  
 EXTERIOR LIGHTING

SHEET NUMBER:  
**E104**



BIG STATE ELECTRIC, LTD  
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 WWW.BIGSTATEELECTRIC.COM

ELECTRICAL ENGINEER SEAL:

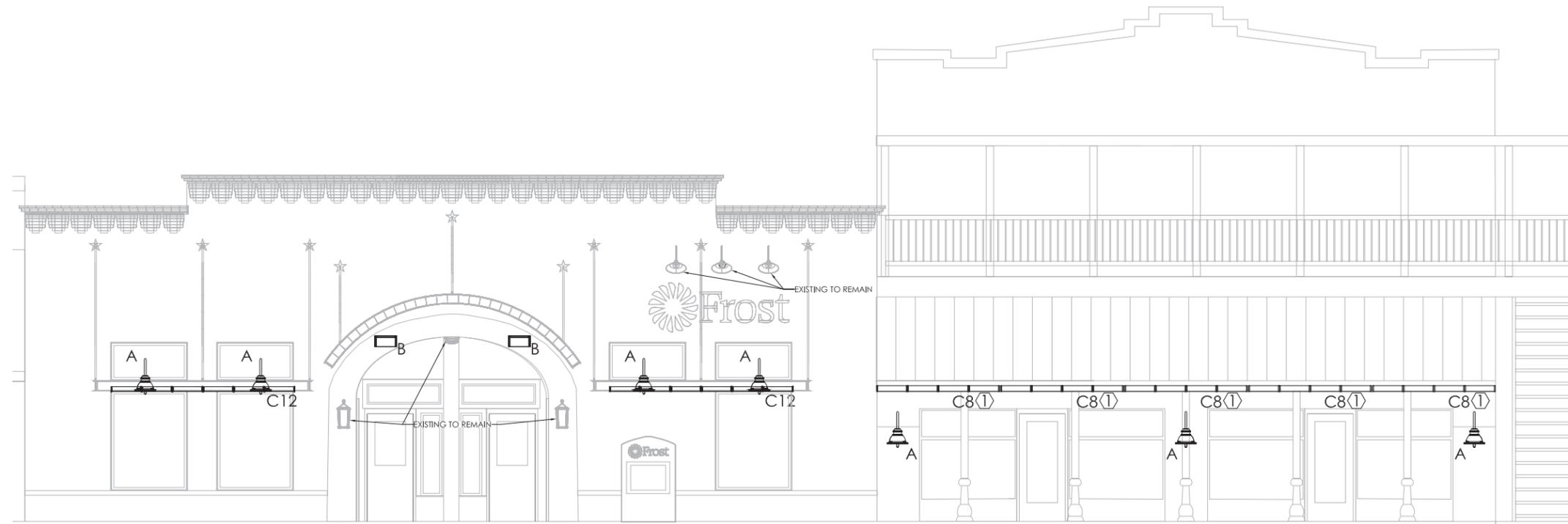


**GENERAL NOTES:**

1. REFERENCE SHEET E001 FOR LEGEND, ABBREVIATIONS AND FURTHER GENERAL NOTES.
2. ALL CONDUIT SHALL BE CONCEALED FROM STREET VIEW TO THE EXTENT POSSIBLE.
3. COORDINATE ALL INSTALLATION CONCERNING NEIGHBORING TENANTS WITH ASSOCIATED PERSONNEL AND OPERATING HOURS.
4. ALL ATM LIGHTING SHALL BE 100% PHOTOCELL ON/OFF ONLY. SHUTOFF BETWEEN 12:00AM-6:00AM IS PROHIBITED.
5. DO NOT SCALE FROM ARCHITECTURAL/STRUCTURAL SHOWN HEREIN. ALL DIMENSIONS MUST BE FIELD MEASURED.

**KEYED NOTES:**

- 1 REFERENCE 2/E101 FOR FIXTURE MOUNTING DETAILS.



1 EAST EXTERIOR ELEVATION - LIGHTING  
 E103 SCALE: 1/4" = 1'-0"

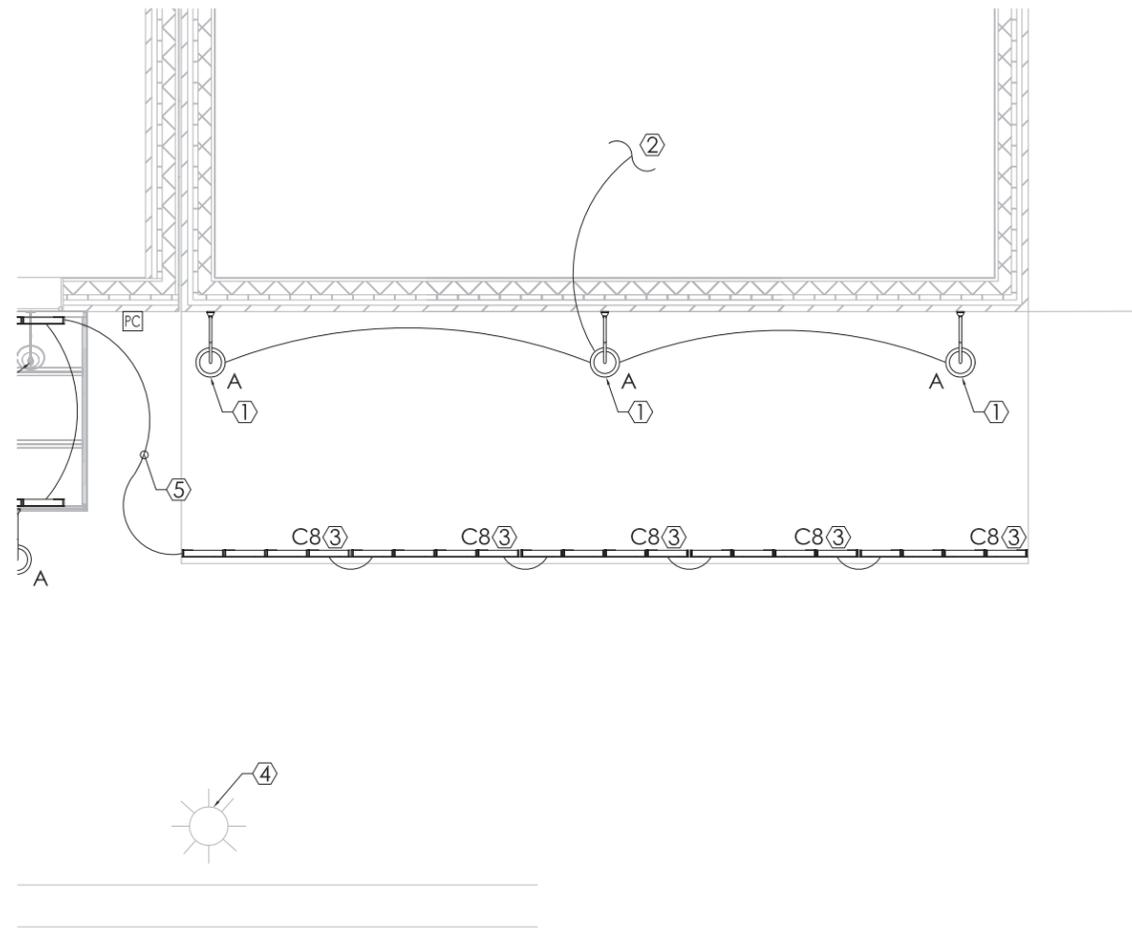
PROJECT INFORMATION  
 FROST BANK - ATM LIGHTING  
 159 WEST MAIN STREET  
 LEWISVILLE, TX 75057  
 PROJECT NUMBER:

No.	Revision/Issue	Date

Date: 10/04/2016  
 DRAWN BY: TC  
 CHECKED BY: SC

TITLE:  
 EXTERIOR LIGHTING

SHEET NUMBER:  
 E103



1 FLOOR PLAN - LIGHTING  
 E102 SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

1. REFERENCE SHEET E001 FOR LEGEND, ABBREVIATIONS AND FURTHER GENERAL NOTES.
2. ALL CONDUIT SHALL BE CONCEALED FROM STREET VIEW TO THE EXTENT POSSIBLE.
3. COORDINATE ALL INSTALLATION CONCERNING NEIGHBORING TENANTS WITH ASSOCIATED PERSONNEL AND OPERATING HOURS.
4. ALL ATM LIGHTING SHALL BE 100% PHOTOCELL ON/OFF ONLY. SHUTOFF BETWEEN 12:00AM-5:00AM IS PROHIBITED.
5. DO NOT SCALE FROM ARCHITECTURAL/STRUCTURAL SHOWN HEREIN. ALL DIMENSIONS MUST BE FIELD MEASURED.

**KEYED NOTES:**

- ① INSTALL WALL MOUNTED FIXTURE AT EXISTING SCONCE LOCATION. RETURN EXISTING FIXTURES TO OWNER.
- ② EXISTING CIRCUITING TO REMAIN. VERIFY OPERATION AFTER INSTALL.
- ③ SEE 2/E101 FOR FIXTURE MOUNTING DETAILS.
- ④ EXISTING LIGHT POLE BY CITY OF LEWISVILLE TO REMAIN.
- ⑤ CIRCUITING CONTINUED FROM E101



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 WWW.BIGSTATEELECTRIC.COM

ELECTRICAL ENGINEER SEAL:



PROJECT INFORMATION  
 FROST BANK - ATM LIGHTING  
 159 WEST MAIN STREET  
 LEWISVILLE, TX 75057

PROJECT NUMBER:

No.	Revision/Issue	Date

Date: 10/04/2016  
 DRAWN BY: TC  
 CHECKED BY: SC

TITLE:  
 EXTERIOR LIGHTING

SHEET NUMBER:  
 E102



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ELECTRICAL ENGINEER SEAL:



PROJECT INFORMATION  
**FROST BANK - ATM LIGHTING**  
 159 WEST MAIN STREET  
 LEWISVILLE, TX 75057  
 PROJECT NUMBER:

No.	Revision/Issue	Date

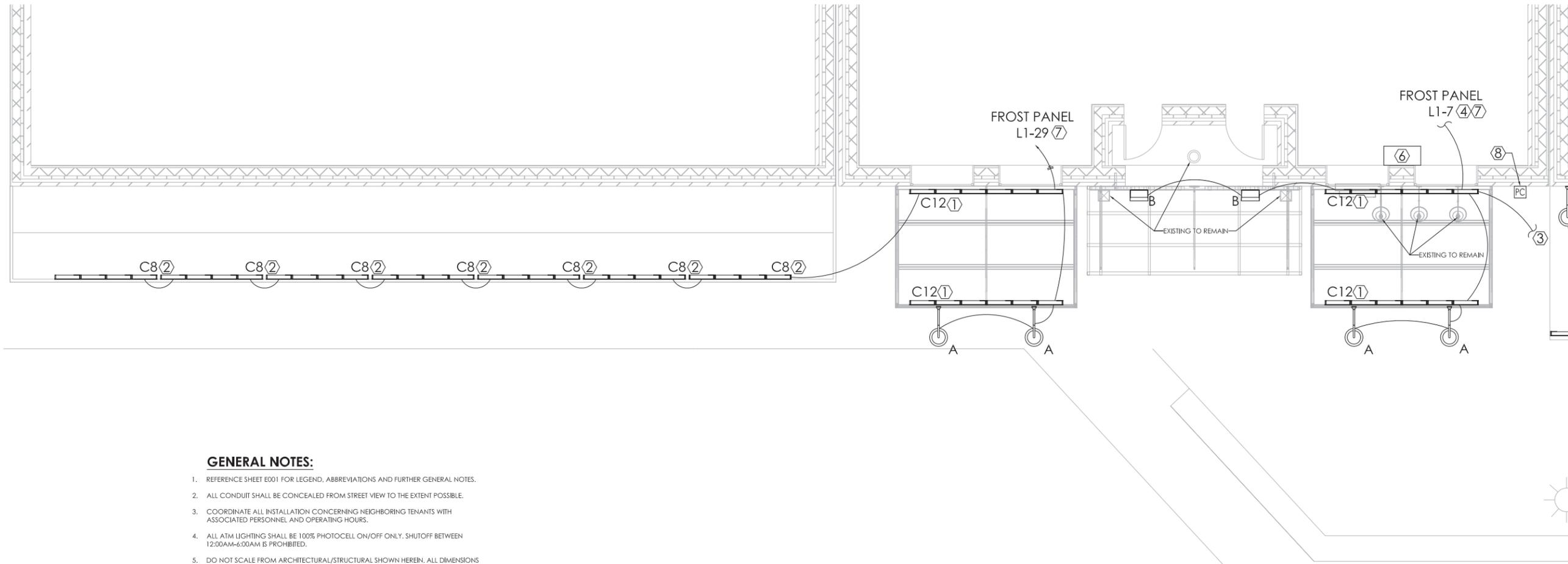
Date:	10/04/2016
DRAWN BY:	TC
CHECKED BY:	SC

TITLE:  
**EXTERIOR LIGHTING**

SHEET NUMBER:

**E101**

SHEET 2 OF 5



**GENERAL NOTES:**

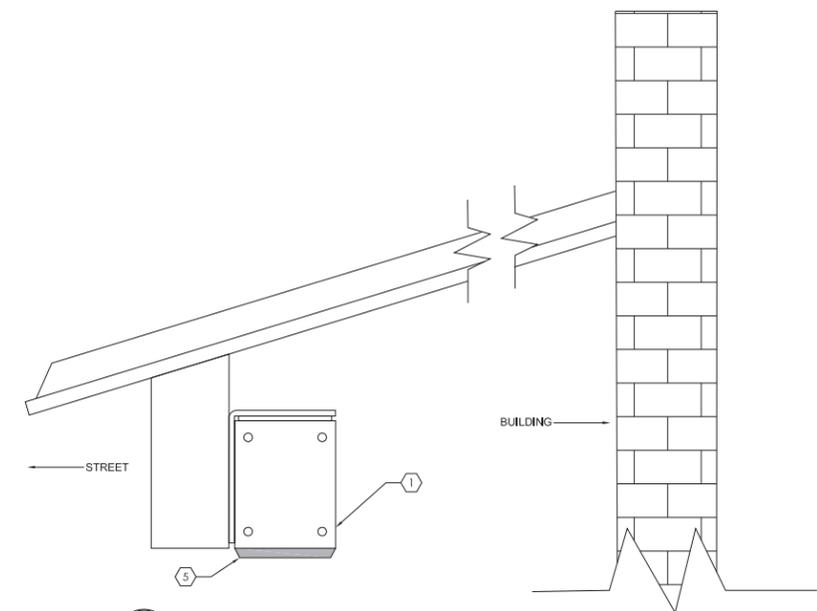
1. REFERENCE SHEET E001 FOR LEGEND, ABBREVIATIONS AND FURTHER GENERAL NOTES.
2. ALL CONDUIT SHALL BE CONCEALED FROM STREET VIEW TO THE EXTENT POSSIBLE.
3. COORDINATE ALL INSTALLATION CONCERNING NEIGHBORING TENANTS WITH ASSOCIATED PERSONNEL AND OPERATING HOURS.
4. ALL ATM LIGHTING SHALL BE 100% PHOTOCELL ON/OFF ONLY. SHUTOFF BETWEEN 12:00AM-6:00AM IS PROHIBITED.
5. DO NOT SCALE FROM ARCHITECTURAL/STRUCTURAL SHOWN HEREIN. ALL DIMENSIONS MUST BE FIELD MEASURED.

**KEYED NOTES:**

1. INSTALL FIXTURES FLUSH WITH CANOPY ROOF DECK SO THAT FIXTURE HOUSING IS NOT VISIBLE FROM THE STREET.
2. INSTALL FIXTURE MOUNTED TO BUILDING SIDE OF STRUCTURE CHANNEL SO THAT FIXTURE HOUSING IS NOT VISIBLE FROM THE STREET. REFER TO 2/E101 FOR DETAIL.
3. SEE 01/E102 FOR CIRCUIT CONTINUATION.
4. CONNECT TO EXISTING LIGHTING CIRCUIT AT BUILDING FRONT. ENSURE NO GREATER THAN 1920 VA CONNECTED LOAD.
5. INSTALL FIXTURE SO THAT LENS DIFFUSER IS UNOBSTRUCTED BY STRUCTURE.
6. PROVIDE PHOTOCELL CONTROLLED LIGHTING CONTACTOR FOR EXTERIOR LIGHTING CONTROL.
7. ROUTE HOME RUN THROUGH LIGHTING CONTACTOR.
8. PROVIDE NEW 120V CONTACTOR/COIL RATED PHOTOCELL FOR LIGHTING CONTACTOR CONTROL COIL.
9. VERIFY FIXTURE FINISH WITH CITY OF LEWISVILLE.

**1 FLOOR PLAN - LIGHTING**  
 SCALE: 1/4" = 1'-0"

Symbol	Label	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	WATTAGE	Lumens Per Lamp	Light Loss Factor	KEY NOTES
	A	Lumenpulse	72004LE4-56L-NW	SERIE ALLEGRA	LED	1	54	6012	0.95	9
	B	Lithonia Lighting	WST LED P3 40K VF MVOLT	WST LED, PERFORMANCE PACKAGE 3, 4000K, VISUAL COMFORT FORWARD THROW, MVOLT	LED	1	50	6609	0.95	
	C8	Architectural Lighting Works	LPR3-SSMBWL-S-HI-3500K-310V-EXT-F-RAL8019-UNV-NONE	FORMED ALUMINUM HOUSING, FROSTED PLASTIC LENS.	LED	1	97.6	6888	0.95	
	C12	Architectural Lighting Works	LPR3-SSMBWL-TS-HI-3500K-310V-EXT-F-RAL8019-UNV-NONE	FORMED ALUMINUM HOUSING, FROSTED PLASTIC LENS.	LED	1	146.4	10332	0.95	



**2 FIXTURE TYPE "C" MOUNTING DETAIL**  
 SCALE: N.T.S.

# LEGEND

(NOTE: ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON DRAWINGS)

## LIGHTING

- LED LUMINAIRE. LETTER(S) DENOTES TYPE
- LED LUMINAIRE. LETTER(S) DENOTES TYPE "BRACKET" "L" WHEN USED INDICATES WALL MOUNTED
- EXIT LUMINAIRE. LETTER(S) DENOTES TYPE. ARROW(S) WHEN USED, INDICATE DIRECTION OF CHEVRONS. SHADED AREAS INDICATE FACE(S) "BRACKET" "L" WHEN USED INDICATES WALL MOUNTED.
- EMERGENCY LUMINAIRE CIRCUITED TO LIGHTING INVERTER
- EMERGENCY LUMINAIRE EQUIPPED WITH A BATTERY BACK, W/HEADS AS INDICATED
- SINGLE POLE SWITCH, INSTALL 48" AFF UON
- REFER TO DISTRIBUTION AND CONTROLS
- KEYED SINGLE POLE SWITCH, INSTALL 48" AFF UON
- DOUBLE POLE SWITCH, INSTALL 48" AFF UON
- LOW VOLTAGE TIME CLOCK OVERRIDE TO LIGHTING CONTROL PANEL. FUNCTION PER PROGRAMMING.
- THREE-WAY SWITCH, INSTALL 48" AFF UON
- FOUR-WAY SWITCH, INSTALL 48" AFF UON
- SWITCH WITH WEATHER PROOF COVER. INSTALL 48" AFF UON
- DIMMER, 600W UON, INSTALL 48" AFF UON
- UL 924 SWITCHING DEVICE
- WALL MOUNTED OCCUPANCY SENSOR SWITCH
- CEILING MOUNTED OCCUPANCY SENSOR SWITCH
- POWER PACK
- EMERGENCY LIGHTING CONTROL UNIT

## WIRING DEVICES

- DUPLEX RECEPTACLE, 18" AFF UON NEMA 5-20R, UON
- DUPLEX RECEPTACLE WITH INTERNAL GROUND FAULT PROTECTION, INSTALL 18" AFF UON ("WP" INDICATES WEATHERPROOF)
- EXISTING DUPLEX RECEPTACLE
- ISOLATED GROUND DUPLEX RECEPTACLE, INSTALL 18" AFF UON NEMA 5-20R, UON
- CEILING MOUNTED DUPLEX RECEPTACLE, 18" AFF UON NEMA 5-20R, UON
- QUADRUPEX RECEPTACLE AS DESCRIBED ABOVE, 18" AFF UON
- CLOCK HANGER RECEPTACLE, INSTALL 84" AFF UON
- SPECIAL PURPOSE RECEPTACLE, SIZE AND NEMA CONFIGURATION AS INDICATED.
- RECEPTACLE AS DESCRIBED ABOVE, INSTALLED IN A FLUSH FLOOR BOX
- DUPLEX RECEPTACLE HORIZONTALLY MOUNTED 6" ABOVE COUNTER TOP, UON
- COMBINATION RECEPTACLE AND TELE/DATA OUTLET INSTALLED IN FLUSH FLOOR BOX
- DUPLEX RECEPTACLE SERVED BY AN EMERGENCY BACKUP R GENERATOR

## CONDUIT AND WIRE

- CONDUIT RUN CONCEALED IN CEILING, WALL, FLOOR, OR ABOVE SUSPENDED CEILING
- CONDUIT RUN IN OR BELOW SLAB OR GROUND
- SWITCH LEG
- HOMERUN TO PANEL AND CIRCUIT DESIGNATION IAW CIRCUIT WIRING NOTATION LEGEND SHOWN ON THIS SHEET. SINGLE BRANCH CIRCUITS SHALL BE MINIMUM 2#10 AWG AND #12 AWG GROUND, 3/4" UON ON DRAWINGS OR SPECIFICATIONS.
- EMPTY CONDUIT WITH PULLING LINE, SIZE AS INDICATED
- CAPPED CONDUIT
- CONDUIT STUB UP
- CONDUIT TURNED DOWN
- SURFACE MOUNTED MULTI-OUTLET ASSEMBLY, 6" ABOVE COUNTER TOP, UON
- CABLE TRAY
- SINGLE CHANNEL POWER/DATA POLE
- DUAL CHANNEL POWER/DATA POLE

## GROUNDING

- 3/4" DIAMETER BY 10'-0" LONG COPPER CLAD GROUND ROD.
- GROUND CONDUCTOR, SIZE AS INDICATED.
- GROUND CONNECTION.
- GROUND BUS AS NOTED ON DRAWINGS AND SPECIFICATIONS

## DISTRIBUTION & CONTROLS

- ELECTRICAL PANELBOARD (480Y/277 VOLT).
- ELECTRICAL PANELBOARD (208Y/120 VOLT).
- ENCLOSED CIRCUIT BREAKER, RATING AND NO OF POLES AS INDICATED.
- NON-FUSED DISCONNECT SWITCH, 30A/3P/N1 UON, 30A = SWITCH RATING, 3P = NO OF POLES, N1 = ENCLOSURE STYLE, MOUNTED 60" AFF UON.
- FUSED DISCONNECT SWITCH, 30A/3P/N1 UON, FUSE SIZE AS NOTED, 30A = SWITCH RATING, 3P = NO OF POLES, N1 = ENCLOSURE STYLE.
- MAGNETIC MOTOR STARTER, SIZE 1, NEMA 1 UON.
- COMBINATION DISCONNECT AND MAGNETIC STARTER, SIZE 1, NEMA 1 UON.
- CONTROLLER PROVIDED WITH EQUIPMENT (HVAC, ELEVATOR, ETC.) INSTALLED BY DIVISION 16.
- MANUAL MOTOR STARTER WITH THERMAL OVERLOAD(S) UON, SIZED PER ACTUAL NAMEPLATE RATING.
- CONTACTOR, RATING AND NO OF POLES AS INDICATED.
- PHOTO-ELECTRIC SWITCH, INSTALL WITH SENSOR ELEMENT FACING NORTH, FLUSH MOUNTED WHERE POSSIBLE, UON.
- TIME CLOCK.
- JUNCTION BOX.
- MOTOR.
- FIRE SMOKE DAMPER.
- TRANSFORMER, RATING AS INDICATED.
- CURRENT TRANSFORMER, RATING AND NO AS INDICATED.
- DRAW-OUT POWER CIRCUIT BREAKER, RATING AND NO. OF POLES, AS INDICATED.
- THERMAL AND/OR MAGNETIC MOLDED CASE CIRCUIT BREAKER, RATING AND NO OF POLES AS INDICATED.
- FUSE, RATING AS INDICATED.
- SURGE ARRESTER, RATING AS INDICATED.
- DIGITAL SOLID STATE MULTI-FUNCTION METER.
- UTILITY COMPANY REVENUE METER UON.
- PUSHBUTTON, TYPE AS SPECIFIED ON DRAWING.
- SELECTOR SWITCH.
- EQUIPMENT CONNECTION, COORDINATE WITH MANUFACTURERS' REPRESENTATIVE.
- TRANSIENT VOLTAGE SURGE SUPPRESSOR SYSTEM.
- PULL BOX, SIZE PER NEC, UON.

## COMMUNICATIONS AND DATA

- TELEPHONE TERMINAL BOARD, 4' X 8' X 3/4" THICK, UON.
- TELEPHONE OUTLET, INSTALL 18" AFF UON, 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 1" C WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING, P = PAYPHONE WITH OUTLET @ 44" AFF; W = WALL MOUNTED @ 48" AFF.
- TELE/ DATA OUTLET, INSTALL 18" AFF UON, 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 1" C WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING.
- COMBINATION (1) TELEPHONE AND (2) DATA OUTLETS, INSTALL 18" AFF UON, 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 1" C WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING.
- OUTLET AS DESCRIBED ABOVE, INSTALLED IN A FLUSH FLOOR BOX.
- OUTLET BOX WITH 1" CONDUIT WITH PULLING LINE STUBBED OUT TO ABOVE ACCESSIBLE CEILING FOR CARD READER/ACCESS CONTROLS, INSTALL 48" AFF, UON.

## FIRE AND ALARM

- HVAC DUCT FIRE SMOKE DAMPER

# ABBREVIATIONS

A	A	AMPERE	M	MCA	MINIMUM CIRCUIT AMPERES
	AF	AMP FRAME/AMP FUSE		MCB	MAIN CIRCUIT BREAKER
	AFG	ABOVE FINISHED FLOOR		MCC	MOTOR CONTROL CENTER
	AFG	ABOVE FINISHED GRADE		MCCB	MOLDED CASE CIRCUIT BREAKER
	AHU	AIR HANDLING UNIT		MFR	MANUFACTURER
	AIC	AMPERE INTERRUPTING CAPACITY		MH	METAL HALIDE
	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE		MLO	MAIN LUGS ONLY
	AWG	AMERICAN WIRE GAUGE		MOCPP	MAXIMUM OVERCURRENT PROTECTION
B	BFG	BELOW FINISHED GRADE		MTD	MOUNTED
	C	CONDUIT		MTG HT	MOUNTING HEIGHT
	CB	CIRCUIT BREAKER		MV	MERCURY VAPOR
	CCTV	CLOSED CIRCUIT TELEVISION	N	NC	NORMALLY CLOSED
	CF	COMPACT FLUORESCENT CIRCUIT		NEC	NATIONAL ELECTRICAL CODE
	CKT	CIRCUIT		NECA	NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION
	CLG	CEILING		NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
	CLK	CLOCK		NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
	CPS	CITY PUBLIC SERVICE (SA PROJECTS)		NIC	NOT IN CONTRACT
	CTS	CURRENT TRANSFORMERS		NL	NIGHT LIGHT
	CU	CONDENSING UNIT OR COPPER		NO	NUMBER OR NORMALLY OPEN
D	DISC SW	DISCONNECT SWITCH		NTS	NOT TO SCALE
	E	EACH	O	OCPD	OVER CURRENT PROTECTIVE DEVICE
	EA	EMPTY CONDUIT		OFOI	OWNER FURNISHED, OWNER INSTALLED
	EC	ELECTRIC DRINKING FOUNTAIN		OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
	EDF	EXHAUST FAN		OH	OVERHEAD ELECTRICAL
	EF	EQUIPMENT GROUNDING CONDUCTOR		OEP	OVERHEAD ELECTRICAL PRIMARY
	EGC	ELECTRICAL		OES	OVERHEAD ELECTRICAL SECONDARY
	ELEC	ELECTRICAL METALLIC TUBING			
	EMT	EQUIPMENT	P	PH	PHASE
	EQUIP	EXISTING		PNL	PANELBOARD
	EXT	ELECTRIC WATER COOLER			
	EWC	ELECTRIC WATER HEATER	R	RCPT	RECEPTACLE
	EW			RE	REFER TO/REFERENCE
				REP	REPRESENTATIVE
F	FACP	FIRE ALARM CONTROL PANEL		REQ'D	REQUIRED
	FCU	FAN COIL UNIT		RLA	RUNNING LOAD AMPERES
	FLA	FULL LOAD AMPS		RTU	ROOF TOP UNIT
	FA	FIRE ALARM DEVICE	S	SC	SPLIT BRANCH CIRCUIT INDICATES REFERENCED BRANCH CIRCUIT HAS MORE
G	GEC	GROUNDING ELECTRODE CONDUCTOR			
	GEN	GENERATOR OR GENERAL	T	TCO	LOW VOLTAGE TIME CLOCK OVERRIDE
	GF/GFCI	GROUND FAULT CIRCUIT INTERRUPTER		TEL	TELEPHONE
	GND	GROUND		TV	TELEVISION
H	HD	HIGH INTENSITY DISCHARGE		TYP	TYPICAL
	HPS	HIGH PRESSURE SODIUM	U	UGE	UNDERGROUND ELECTRICAL
	I	INTRUSION DETECTION SYSTEM		UEP	UNDERGROUND ELECTRICAL SECONDARY
	IDS	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS		UH	UNIT HEATER
	IEEE			UON	UNLESS OTHERWISE NOTED
	IMC	INTERMEDIATE METAL CONDUIT		UPS	UNINTERRUPTIBLE POWER SUPPLY
	INC	INCANDESCENT	V	V	VOLT
	IPS	INTERRUPTIBLE POWER SUPPLY		VA	VOLT AMPERE
K	KAIC	THOUSAND AMP INTERRUPTING CAPACITY RMS SYMMETRICAL		VFD/VSD	VARIABLE FREQUENCY/SPEED DRIVE
		THOUSAND AMP INTERRUPTING CAPACITY RMS SYMMETRICAL	W	W	WIRE
	MCM/KCMIL	THOUSAND CIRCULAR MILS		W/	WITH
	KVA	THOUSAND VOLT AMPERE		W/O	WITHOUT
	KW	KILOWATT		WP	WEATHERPROOF
L	LRA	LOCKED ROTOR AMPS	X	XFMR	TRANSFORMER
	LSI	LONG TIME/SHORT TIME/INSTANTANEOUS TRIP SETTINGS INCLUDED WITH CIRCUIT BREAKER		XMTX	TRANSMITTER
			Z	XFER SW	TRANSFER SWITCH
	LSIG	L.T./S.T./I.T./GROUND FAULT TRIP SETTINGS INCLUDED WITH CIRCUIT BREAKER.	%Z		PERCENT IMPEDANCE

# GENERAL ELECTRICAL NOTES

- CODES: ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2012 INTERNATIONAL CODES AND THE REQUIREMENTS STATED IN THE APPLICABLE SECTIONS OF THE NATIONAL FIRE CODES (NFPA STANDARDS) CURRENT AT THE TIME OF CONSTRUCTION. AMENDMENTS TO THESE CODES AS SET FORTH BY THE AUTHORITY HAVING JURISDICTION SHALL SUPERSEDE THE INTERNATIONAL CODES AND NFPA STANDARDS AS ISSUED.
- INTERRELATION BETWEEN THE DRAWINGS AND THE SPECIFICATIONS: IN GENERAL, THE DRAWINGS INDICATE LOCATIONS, QUANTITIES AND CAPACITIES AND THE SPECIFICATIONS INDICATE QUALITY, OPTIONS, WARRANTIES AND COMPLIANCE STANDARDS. IN THE EVENT THERE IS A CONFLICT BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, CONTACT THE ENGINEER IMMEDIATELY. IN ALL CASES, THE ENGINEER OF RECORD SHALL BE THE INTERPRETER OF THE DOCUMENTS.
- THE EXISTENCE AND LOCATION OF UTILITIES, MECHANICAL SYSTEMS, ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION INDICATED AS EXISTING ARE NOT GUARANTEED. BEFORE BEGINNING WORK, INVESTIGATE AND VERIFY THE EXISTENCE AND LOCATION OF MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK.
- COOPERATE FULLY WITH SEPARATE CONTRACTORS SO WORK ON THOSE CONTRACTS MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT. COORDINATE THE WORK OF THIS CONTRACT WITH WORK PERFORMED UNDER SEPARATE CONTRACTS.
- DO NOT INTERRUPT UTILITIES SERVING FACILITIES OCCUPIED BY OWNER OR OTHERS UNLESS PERMITTED BY THE OWNER. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A MINIMUM 72 HOUR NOTIFICATION, UON
- THE DRAWINGS ARE DIAGRAMMATIC ONLY. NOT ALL NEC REQUIRED ITEMS SUCH AS RACEWAYS, CONDUCTORS, GROUNDING SYSTEMS, ETC. CAN BE SHOWN. FURNISH AND INSTALL RACEWAYS, CONDUCTORS, ETC. AS REQUIRED FOR A COMPLETE AND FUNCTIONAL, NEC COMPLIANT SYSTEM.
- THE INSTALLER IS RESPONSIBLE FOR COORDINATING WITH OTHER TRADES. THE INSTALLER SHALL NOT INSTALL OR FABRICATE ANY WORK SHOWN UNTIL ALL SUCH WORK IS FULLY COORDINATED. FURNISH AND INSTALL ADDITIONAL RACEWAYS, CONDUCTORS, ETC. AS REQUIRED TO COORDINATE THE INSTALLATION WITH OTHER TRADES AS PART OF THE WORK.
- ACCESS PANELS ARE REQUIRED IN GYP BOARD CEILINGS FOR ALL J-BOXES, PULL BOXES, ETC. ACCESS PANELS SHALL BE 1/4 GAGE PAINTABLE STEEL CONSTRUCTION WITH A PLANO HINGED DOOR, FLANGE FRAME, WALL SLEEVE AND KEY LOCK. PANELS IN EXPOSED, FINISHED TILED AREAS SHALL HAVE THE SAME CONFIGURATION BUT BE CONSTRUCTED FROM STAINLESS STEEL. ACCESS PANELS IN FIRE RATED ASSEMBLIES SHALL HAVE THE SAME RATING AS THE ASSEMBLY.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF LIGHTING FIXTURES.
- RECEPTACLES, SWITCHES, OR ANY DEVICES EFFECTED BY ANY CHANGE IN DIRECTION OF DOOR SWINGS SHALL BE RELOCATED TO THE PROPER SIDE OF DOOR AS SHOWN ON THE ARCHITECTURAL FLOOR PLAN.
- ELECTRICAL FEEDS TO MECHANICAL EQUIPMENT HAVE BEEN DESIGNED ACCORDING TO SUBMITTALS AT THE TIME OF RELEASE. THE ELECTRICIAN SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES IDENTIFIED IN THE FIELD.
- REMOTE MOUNTED MOTORS SHALL BE PROVIDED WITH RECEPTACLES AND PLUGS OR DISCONNECT SWITCHES TO BE COMPATIBLE WITH THE CONSTRUCTION TYPE AND THE NEC.
- EACH MOTOR BEING INSTALLED ON THIS CONTRACT SHALL BE PROVIDED WITH THERMAL PROTECTION VIA MANUFACTURER, MANUAL OR MAGNETIC STARTER. THERMAL ELEMENTS SHALL BE SIZED AND INSTALLED ACCORDING TO THE NAMEPLATE FULL LOAD AMP RATING OF THE MOTOR. NOTIFY THE ENGINEER IMMEDIATELY IF DISCREPANCIES ARE NOTED.
- THE GENERAL ELECTRICAL FOREMAN SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN ELECTRICAL AND MECHANICAL TRADES TO PROVIDE CLEARANCE ABOVE CEILING BETWEEN RECESSED LIGHTING FIXTURES AND THERMAL INSULATION OR DUCTWORK IN ACCORDANCE WITH THE NEC, PARAGRAPH 410-66.
- MULTIWIRE BRANCH CIRCUITS AS DEFINED BY THE NATIONAL ELECTRICAL CODE SHALL NOT BE USED. A DEDICATED NEUTRAL CONDUCTOR SHALL BE RUN FOR EACH BRANCH CIRCUIT, UON.
- THE CONTRACTOR SHALL PERMANENTLY LABEL EACH JUNCTION/PULL BOX COVER PLATE WITH THE CIRCUIT NUMBER OF THE CIRCUITS IT CONTAINS. LABEL EACH EXITING CONDUIT AT THE POINT WHERE IT EXITS THE JUNCTION BOX WITH THE CIRCUIT NUMBER IT CONTAINS. IF THE RACEWAY SYSTEM IS IN AN EXPOSED AREA LABELS SHALL BE MADE BY BRADY LABEL MAKER OR EQUIVALENT.
- 120V BRANCH CIRCUITS EXTENDING BEYOND 100FT FROM THE CIRCUIT BREAKER TO THE FINAL OUTLET SHALL UTILIZE A #8AWG, HOME RUN AT A MINIMUM.
- ALL WALL PENETRATIONS SHALL HAVE A MINIMUM 1" OF STRAIGHT RACEWAY ON BOTH SIDES OF WALL BEFORE THE CLOSET BEND.
- FIREWALL PENETRATIONS SHALL BE CAULKED USING AN APPROVED FIRE PROOFING MATERIALS PER FIRE CAULKING DETAIL (REFER TO E50 SERIES SHEETS).
- ROUTING OF RACEWAY SHALL BE KEPT TO A MINIMUM.
- PLASTER RING USED IN FIRE RATED AND COMBUSTIBLE MATERIAL WALLS SHALL BE INSTALLED FLUSH WITH FINISHED WALL EXTERIOR.
- TRANSFORMER SHALL BE GROUNDED IAW TRANSFORMER GROUNDING DETAIL FOR BOTH PRIMARY AND SECONDARY GROUNDED CONDUCTORS. SEE E50 SERIES SHEETS FOR FURTHER INFORMATION.
- ALL CIRCUITS BELOW 100 AMPS SHALL BE FITTED WITH A MINIMUM OF 75 DEGREE TERMINATIONS. IN ADDITION TO CIRCUITS EXCEEDING 100A.
- ELECTRICAL GENERAL FOREMAN IS RESPONSIBLE FOR ENSURING PROPER CRIMPERS USED FOR THE STYLE LUG INSTALLED.

## EQUIPMENT IDENTIFICATION SCHEDULE

THE FOLLOWING LABELS SHALL BE INSTALLED ON NEW ELECTRICAL EQUIPMENT AND EXISTING EQUIPMENT AFFECTED BY THE NEW CONSTRUCTION. IDENTIFICATION LABELS SHALL BE LAMINATED BLACK PHENOLIC RESIN WITH A WHITE CORE AND ENGRAVED LETTERING, A MINIMUM OF 1/4" HIGH.

### PANELBOARDS/ENCLOSED CIRCUIT BREAKERS:

PNL - PANEL NAME  
AMPS/Ø TO N VOLTAGE/Ø TO Ø VOLTAGE/NO. OF Ø/NO. OF WIRES  
FED FROM: DEVICE NAME

EXAMPLE: PNL - L2K  
225A/277/480Y/3Ø/4W  
FED FROM: PNL - LDP-2

### TRANSFORMERS:

TRANSFORMER NAME  
TRANSFORMER SIZE (KVA)  
PRIMARY: VOLTAGE/Ø/NO. OF WIRES  
SECONDARY: VOLTAGE/Ø/NO. OF WIRES  
FED FROM: DEVICE NAME

EXAMPLE: TR- L2XA  
75 KVA  
PRIMARY: 480Δ/3Ø/3W  
SECONDARY: 120/208Y/3Ø/4W  
FED FROM: PNL - L2K

### SAFETY SWITCHES/MOTOR STARTERS/VSD:

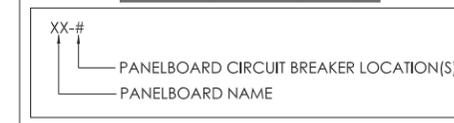
DEVICE SERVED: DEVICE NAME  
AMPS/VOLTAGE/Ø/NO. OF WIRES/AF OR NF  
FED FROM: DEVICE NAME

EXAMPLE: DEVICE SERVED: AHU-1  
30A/600V/3Ø/3W/25AF  
FED FROM: MCC-B1

## CIRCUIT WIRING NOTATION



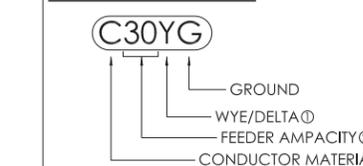
## PANELBOARD NOTATION



## WIRE COLORS

VOLTAGE	120/208VAC				277/480VAC			
PHASE	A	B	C	N	A	B	C	N
COLOR	BLACK	RED	BLUE	WHITE	PURPLE	BROWN	YELLOW	GREY
VOLTAGE	120/240VAC				120/240VAC			
PHASE	A	B	C	N	A	B	C	N
COLOR	BLACK	ORANGE (HIGH LEG)	BLUE	WHITE	BLACK	RED	WHITE	

## FEEDER NOTATION



- WYE FEEDERS IMPLY EXISTENCE OF NEUTRAL CONDUCTOR PER FEEDER SCHEDULE
- FEEDER SCHEDULE AMPACITIES REPRESENT THOSE VALID FOR USE WITH 75 DEGREE C. TERMINALS AS SPECIFIED HEREIN. THE USE OF 60 DEGREE TERMINALS INVALIDATES THE ENTIRETY OF THE FEEDER SCHEDULE.
- AMPACITY SHOWN ON FEEDER NOTATION CONSIDERS OCPD LIMITATIONS PER 240.4(D)



BIG STATE ELECTRIC, LTD  
8923 AERO ST  
SAN ANTONIO, TX 78217

PHONE: (210) 735-1051  
WWW.BIGSTATEELECTRIC.COM

ELECTRICAL ENGINEER SEAL:



PROJECT INFORMATION  
FROST BANK - ATM LIGHTING  
159 WEST MAIN STREET  
LEWISVILLE, TX 75057  
PROJECT NUMBER:

No.	Revision/Issue	Date

DATE: 10/04/2016  
DRAWN BY: TC  
CHECKED BY: SC

TITLE: LEGEND, ABBREVIATIONS & GENERAL NOTES - ELECTRICAL

SHEET NUMBER:

E000

SHEET 1 OF 5



SPECTRUM LIGHTING INC  
7810 JONES MALTSBERGER RD  
SAN ANTONIO, TX 78216-6919  
Phone: 210-822-6140 EXT:  
Fax: 210-822-5967  
Contact: Wehmeyer, Eric

## Frost Bank ATM Lewisville

16-23802-1

9/26/2016



Project 16-23802-1  
 Frost Bank ATM Lewisville

Submitted By  
 SPECTRUM LIGHTING INC

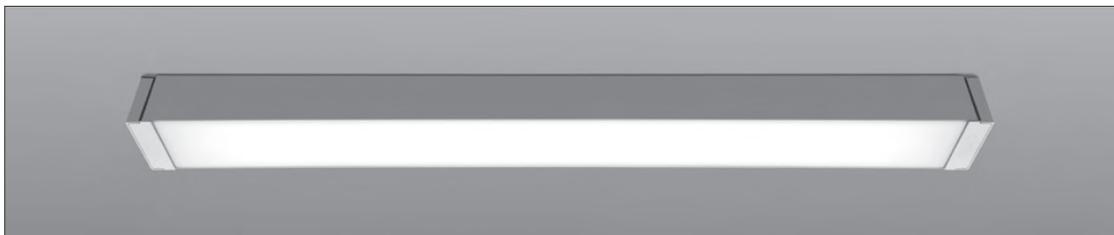
Type	Manufacturer/Brand	Catalog Number	Qty	Notes
C-12'	Architectural Lighting Works	LP3.5SMBWL-12'-HI-3500K-0/10V- EXT/F-RAL8019-UNV-NONE	1	
C-10'	Architectural Lighting Works	LP3.5SMBWL-10'-HI-3500K-0/10V- EXT/F-RAL8019-UNV-NONE	1	
C-8'	Architectural Lighting Works	LP3.5SMBWL-8'-HI-3500K-0/10V- EXT/F-RAL8019-UNV-NONE	5	
C-6'	Architectural Lighting Works	LP3.5SMBWL-6'-HI-3500K-0/10V- EXT/F-RAL8019-UNV-NONE	2	
D	ABL-Lithonia Lighting	WST LED P3 40K VF MVOLT BBW 1 DDBXD	1	
G	Lumenpulse	ALG7100-XXXV-L60-40K-4-XX-NO- TM-CMO	2	Verify Voltage
G	Lumenpulse	CMO DECRATIVE ARM	2	
1. VERIFY ALL FINISHES		1. VERIFY ALL FINISHES		

## SPECIFICATIONS

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# LIGHTPLANE 3.5 WET LOCATION

LP3.5WL | Suspended, Wall, Surface



Find additional images and information at  
[alwusa.com/lp35wl](http://alwusa.com/lp35wl)

# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
 Page 2 of 5

**1. BASE MODEL**

LP3.5SMBWL

- LP3.5SDWL 3-1/2" suspended stem-mount direct, wet location
- LP3.5WIWL 3-1/2" wall-mount indirect, wet location
- LP3.5WDWL 3-1/2" wall-mount direct, wet location
- LP3.5SMBWL 3-1/2" wall/surface, back-mounted, wet location

Type:

**2. RUN LENGTH/  
 SIZE**

12'

- Individual (2', 3' or 4')
- Joined row<sup>1</sup> (enter total linear length, ex: 20')

<sup>1</sup>Special wet location joiners are used to connect sections; lenses are not continuous. Agents, contact factory with section length details for pricing.  
 All lengths are nominal and may vary based on lamping and other specification selections. Consult factory when exact lengths are required.

**3. LAMPING**

HI/3500K

- LED<sup>2</sup>**
  - LOW<sup>3</sup>** Pair lamping with CCT (where applicable), ex: MED/2700K  
 Low-output, high-performance LED – 517 delivered lm/ft, 7.4 W/lf, 70 lm/W  
 2700K 3000K 3500K 4000K
  - MED** Medium-output, high performance LED – 689 delivered lm/ft, 9.8 W/lf, 70 lm/W  
 2700K 3000K 3500K 4000K
  - HI<sup>3</sup>** High-output, high-performance LED – 861 delivered lm/ft, 12.2 W/lf, 70 lm/W  
 2700K 3000K 3500K 4000K
  - TUNE<sup>4</sup>** Tunable white LED, 2700K-5700K – 574 delivered lumens, 8.2 W/lf, 70 lm/W  
 (must select DMX driver below; controller not included)
  - DECOR<sup>3</sup>** Decorative constant voltage LED – 252 delivered lm/ft, 5.9 W/lf, 43 lm/W  
 3000K 4000K
  - RGB** Color-changing RGB LED, 5 W/lf  
 (must select DMX driver below; controller not included)

<sup>2</sup>LED board options may be limited and/or substituted to accommodate requests for exact, non-standard overall run lengths (ex: 3' 9"). Consult factory.

<sup>3</sup>Performance calculations are extrapolated estimates based on the actual IES test results of MED option at 3500K

<sup>4</sup>Performance calculations are extrapolated MAXIMUM estimates for mid-range CCTs based on the actual IES test results of MED option at 3500K. Cooler and warmer CCT settings will provide lower delivered lumens, lower lm/W and higher W/lf.

**FLUORESCENT** Lamps not provided

- 1T5 Standard output, 1-lamp profile T5
- 1T5HO High output, 1-lamp profile T5

# LIGHTPLANE 3.5 – LP3.5WL

WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
 Page 3 of 5

**4. DRIVER**

0/10V/10%

**LED**

0/10V/

- DALI
- DMX
- HILUME/A3

0-10V dimming (Pair driver with dimming % below, ex: 0/10V/10%)  
 10% Standard dimming to 10% 1% Dimming to 1% 0% Premium dimming to 0%  
 DALI dimming to 0%  
 DMX dimming to 0%  
 Lutron Hi-Lume® A L3D EcoSystem® or three-wire control, dimming to 1%

**FLUORESCENT**

- HILUME/A3
- STD
- FL/0/10V
- HILUME
- BALLASTAR

Lutron Hi-Lume® A L3D EcoSystem® or three-wire control, dimming to 1%  
 Standard, non-dimming, <10% THD  
 Dimming, 0-10V  
 Lutron Hi-Lume® dimming  
 Step-dimming

*Driver/ballast options may be limited with 347 voltage. Consult factory.  
 Driver/ballast specifications provided upon request to assist with control system integration  
 Consult ballast manufacturer for lamp compatibility*

**5. LENS**

EXT/F

EXT/F

Extra diffuse, flush

**6. FINISH**

RAL/8019

- AL
- BK
- WH
- RAL/
- NTM<sup>5</sup>

Standard, natural "Ultimatte" aluminum  
 Black powdercoat  
 White powdercoat  
 Specify RAL powdercoat code (ex: #RAL/3003)  
 Natatorium finish

<sup>5</sup>Natatorium finish is an additional top-coat finish. Select both color finish and NTM.  
 Agents, contact factory with both selections for pricing.

**7. VOLTAGE**

UNV

- 120
- 277
- UNV
- 347<sup>6</sup>

120 volt  
 277 volt  
 Universal voltage  
 347 volt

<sup>6</sup>Driver/ballast options may be limited with 347 voltage. Consult factory.

**8. ADDITIONAL OPTIONS**

NONE

- NONE
- EMC<sup>7</sup>
- EMB<sup>7</sup>
- SB
- TPF

None  
 Emergency circuit  
 Emergency battery pack  
 Seismic bracing  
 Top-side power feed location

<sup>7</sup>Consult factory for available options

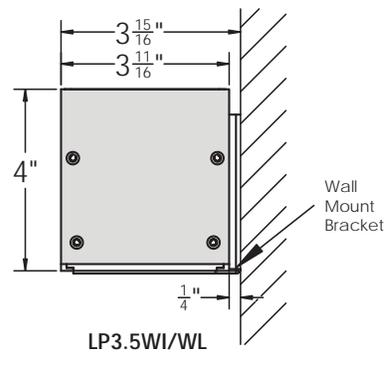
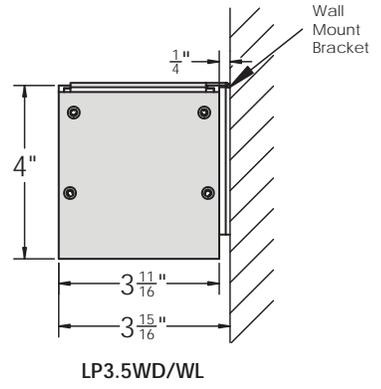
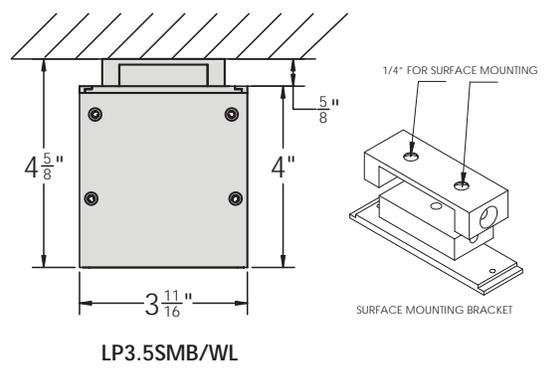
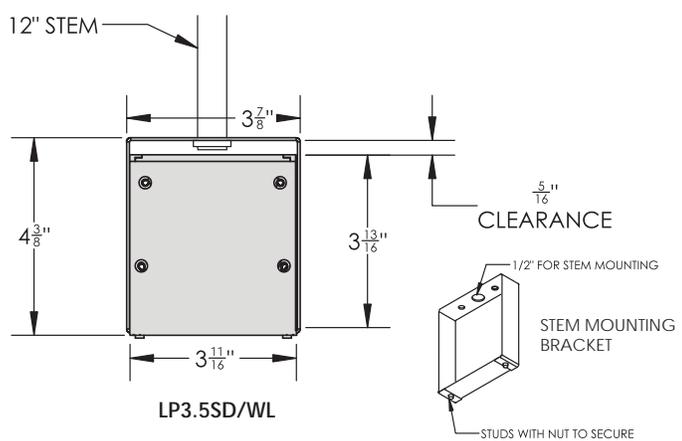
# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface

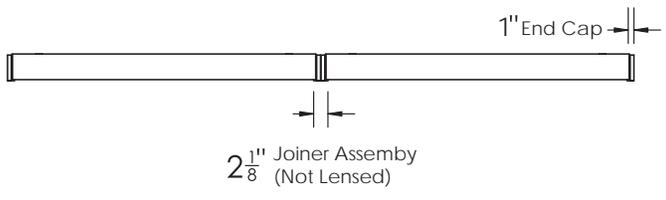


**SPECIFICATIONS**  
Page 4 of 5

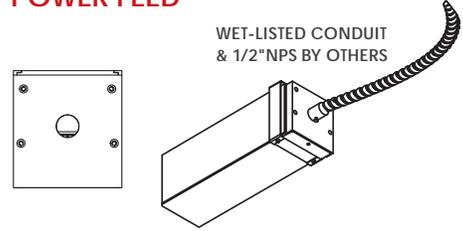
### MOUNTING OPTIONS & DIMENSIONS



### END CAP & JOINER ASSEMBLY & DIMENSIONS



### POWER FEED



STANDARD -- Power feed location on end of of fixture through the end cap.

Choose TPF in Additional Options for top-side power feed location.

# LIGHTPLANE 3.5 – LP3.5WL

WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
Page 5 of 5

**HOUSING**

100% recyclable, extruded architectural grade 6060 T-5 aluminum with .08" minimum wall thickness.

**ELECTRICAL**

Fluorescent ballasts are <10% THD Class P. Programmed-start standard. LED drivers are Class 2. L80 >50,000 hours. 80+ CRI. ETL listed for damp location with lens.



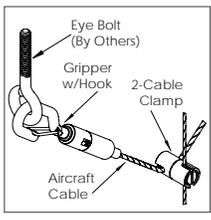
**EMERGENCY**

Luminaires can be wired for emergency circuit and/or emergency battery backup. Consult factory for details.

**LENS**

Extruded, twin-layered, high-impact acrylic. EXT/F is a white, extra diffuse flush lens with minimal-to-no source visibility.

**OPTIONS**



**SEISMIC BRACING**

Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point

**IP RATING**

**IP 66**

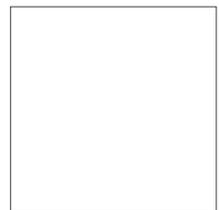
SOLID OBJECT INGRESS LEVEL	WATER INGRESS LEVEL
<b>6</b>	<b>6</b>
Dust tight	Protected against powerful water jets and heavy seas

**FINISH**

Standard finish is "Ultimate" aluminum — a smooth, clean and durable finish achieved from a deep-etch and two-step clear anodizing process. White, black and color RAL powdercoat options also available.



ALUMINUM – AL



WHITE – WH



BLACK – BK



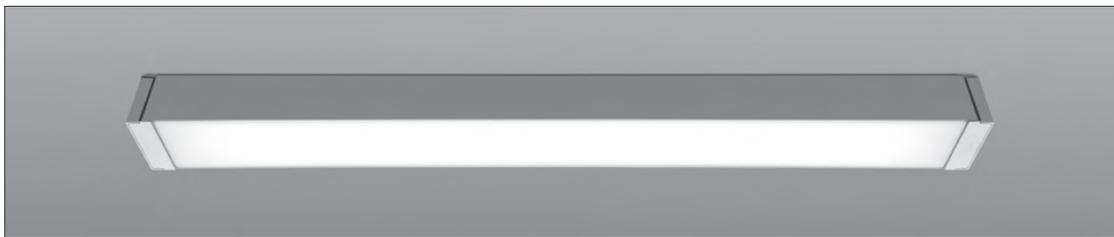
COLOR – RAL

## SPECIFICATIONS

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# LIGHTPLANE 3.5 WET LOCATION

LP3.5WL | Suspended, Wall, Surface



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# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
 Page 2 of 5

**1. BASE MODEL**

LP3.5SMBWL

- LP3.5SDWL 3-1/2" suspended stem-mount direct, wet location
- LP3.5WIWL 3-1/2" wall-mount indirect, wet location
- LP3.5WDWL 3-1/2" wall-mount direct, wet location
- LP3.5SMBWL 3-1/2" wall/surface, back-mounted, wet location

Type:

**2. RUN LENGTH/  
 SIZE**

10'

- Individual (2', 3' or 4')
- Joined row<sup>1</sup> (enter total linear length, ex: 20')

<sup>1</sup>Special wet location joiners are used to connect sections; lenses are not continuous. Agents, contact factory with section length details for pricing.  
 All lengths are nominal and may vary based on lamping and other specification selections. Consult factory when exact lengths are required.

**3. LAMPING**

HI/3500K

- LED<sup>2</sup>**
- LOW<sup>3</sup>** Low-output, high-performance LED – 517 delivered lm/ft, 7.4 W/lf, 70 lm/W  
 2700K 3000K 3500K 4000K
- MED** Medium-output, high performance LED – 689 delivered lm/ft, 9.8 W/lf, 70 lm/W  
 2700K 3000K 3500K 4000K
- HI<sup>3</sup>** High-output, high-performance LED – 861 delivered lm/ft, 12.2 W/lf, 70 lm/W  
 2700K 3000K 3500K 4000K
- TUNE<sup>4</sup>** Tunable white LED, 2700K-5700K – 574 delivered lumens, 8.2 W/lf, 70 lm/W  
 (must select DMX driver below; controller not included)
- DECOR<sup>3</sup>** Decorative constant voltage LED – 252 delivered lm/ft, 5.9 W/lf, 43 lm/W  
 3000K 4000K
- RGB** Color-changing RGB LED, 5 W/lf  
 (must select DMX driver below; controller not included)

<sup>2</sup>LED board options may be limited and/or substituted to accommodate requests for exact, non-standard overall run lengths (ex: 3' 9"). Consult factory.

<sup>3</sup>Performance calculations are extrapolated estimates based on the actual IES test results of MED option at 3500K

<sup>4</sup>Performance calculations are extrapolated MAXIMUM estimates for mid-range CCTs based on the actual IES test results of MED option at 3500K. Cooler and warmer CCT settings will provide lower delivered lumens, lower lm/W and higher W/lf.

**FLUORESCENT** Lamps not provided

- 1T5 Standard output, 1-lamp profile T5
- 1T5HO High output, 1-lamp profile T5

# LIGHTPLANE 3.5 – LP3.5WL

WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
Page 3 of 5

**4. DRIVER**

0/10V/10%

**LED**

0/10V/

- DALI
- DMX
- HILUME/A3

0-10V dimming (Pair driver with dimming % below, ex: 0/10V/10%)  
 10% Standard dimming to 10% 1% Dimming to 1% 0% Premium dimming to 0%  
 DALI dimming to 0%  
 DMX dimming to 0%  
 Lutron Hi-Lume® A L3D EcoSystem® or three-wire control, dimming to 1%

**FLUORESCENT**

- HILUME/A3
- STD
- FL/0/10V
- HILUME
- BALLASTAR

Lutron Hi-Lume® A L3D EcoSystem® or three-wire control, dimming to 1%  
 Standard, non-dimming, <10% THD  
 Dimming, 0-10V  
 Lutron Hi-Lume® dimming  
 Step-dimming

*Driver/ballast options may be limited with 347 voltage. Consult factory.  
 Driver/ballast specifications provided upon request to assist with control system integration  
 Consult ballast manufacturer for lamp compatibility*

**5. LENS**

EXT/F

EXT/F

Extra diffuse, flush

**6. FINISH**

RAL/8019

- AL
- BK
- WH
- RAL/
- NTM<sup>5</sup>

Standard, natural "Ultimate" aluminum  
 Black powdercoat  
 White powdercoat  
 Specify RAL powdercoat code (ex: #RAL/3003)  
 Natatorium finish

<sup>5</sup>Natatorium finish is an additional top-coat finish. Select both color finish and NTM.  
 Agents, contact factory with both selections for pricing.

**7. VOLTAGE**

UNV

- 120
- 277
- UNV
- 347<sup>6</sup>

120 volt  
 277 volt  
 Universal voltage  
 347 volt

<sup>6</sup>Driver/ballast options may be limited with 347 voltage. Consult factory.

**8. ADDITIONAL OPTIONS**

NONE

- NONE
- EMC<sup>7</sup>
- EMB<sup>7</sup>
- SB
- TPF

None  
 Emergency circuit  
 Emergency battery pack  
 Seismic bracing  
 Top-side power feed location

<sup>7</sup>Consult factory for available options

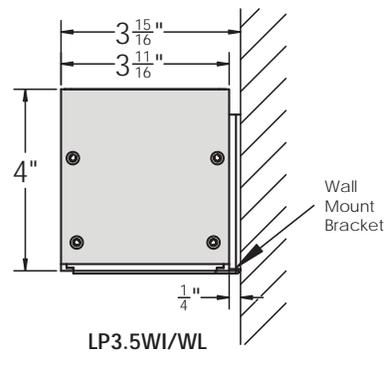
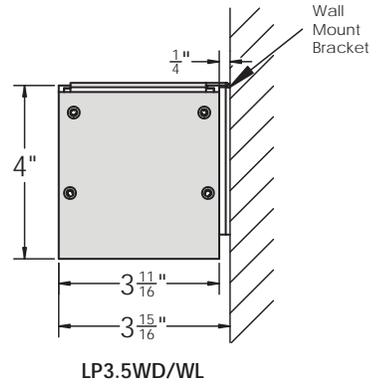
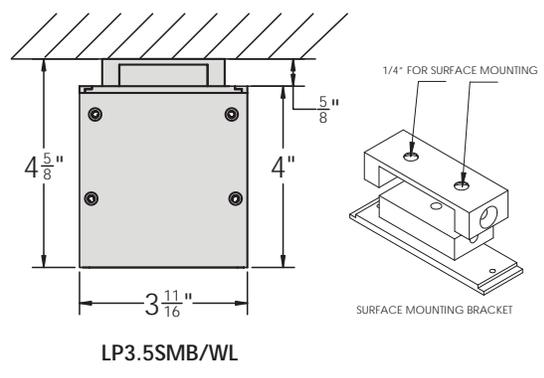
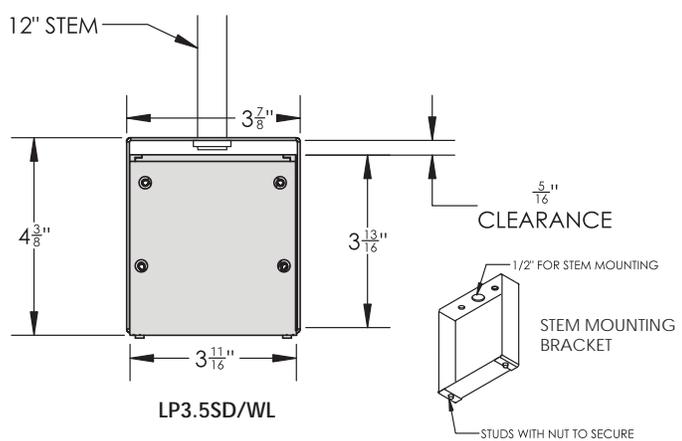
# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface

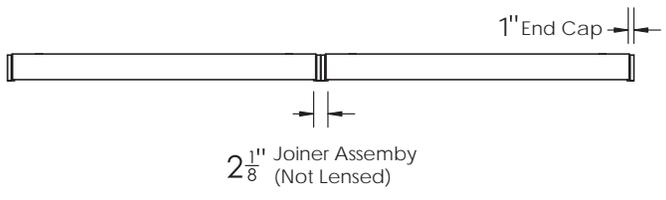


**SPECIFICATIONS**  
Page 4 of 5

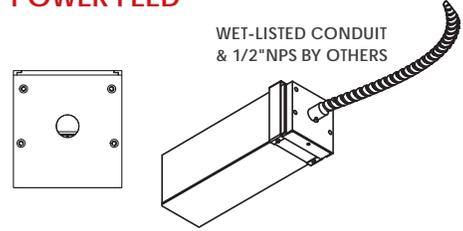
### MOUNTING OPTIONS & DIMENSIONS



### END CAP & JOINER ASSEMBLY & DIMENSIONS



### POWER FEED



STANDARD -- Power feed location on end of of fixture through the end cap.

Choose TPF in Additional Options for top-side power feed location.

# LIGHTPLANE 3.5 – LP3.5WL

WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
Page 5 of 5

**HOUSING**

100% recyclable, extruded architectural grade 6060 T-5 aluminum with .08" minimum wall thickness.

**ELECTRICAL**

Fluorescent ballasts are <10% THD Class P. Programmed-start standard. LED drivers are Class 2. L80 >50,000 hours. 80+ CRI. ETL listed for damp location with lens.



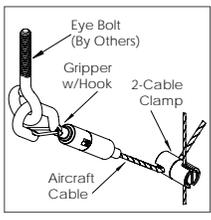
**EMERGENCY**

Luminaires can be wired for emergency circuit and/or emergency battery backup. Consult factory for details.

**LENS**

Extruded, twin-layered, high-impact acrylic. EXT/F is a white, extra diffuse flush lens with minimal-to-no source visibility.

**OPTIONS**



**SEISMIC BRACING**

Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point

**IP RATING**

**IP 6 6**

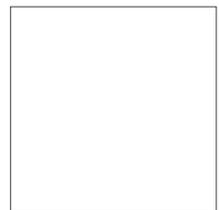
SOLID OBJECT INGRESS LEVEL	WATER INGRESS LEVEL
<b>6</b>	<b>6</b>
Dust tight	Protected against powerful water jets and heavy seas

**FINISH**

Standard finish is "Ultimate" aluminum — a smooth, clean and durable finish achieved from a deep-etch and two-step clear anodizing process. White, black and color RAL powdercoat options also available.



ALUMINUM – AL



WHITE – WH



BLACK – BK



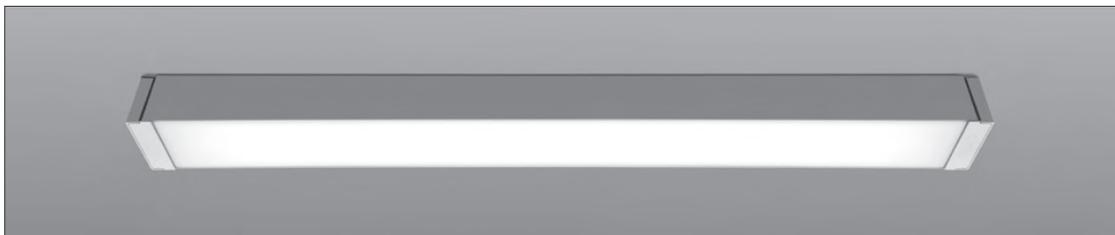
COLOR – RAL

## SPECIFICATIONS

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# LIGHTPLANE 3.5 WET LOCATION

LP3.5WL | Suspended, Wall, Surface



Find additional images and information at

[alwusa.com/lp35wl](http://alwusa.com/lp35wl)

# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
Page 2 of 5

**1. BASE MODEL**

LP3.5SMBWL

- LP3.5SDWL 3-1/2" suspended stem-mount direct, wet location
- LP3.5WIWL 3-1/2" wall-mount indirect, wet location
- LP3.5WDWL 3-1/2" wall-mount direct, wet location
- LP3.5SMBWL 3-1/2" wall/surface, back-mounted, wet location

Type:

**2. RUN LENGTH/  
SIZE**

8'

- Individual (2', 3' or 4')
- Joined row<sup>1</sup> (enter total linear length, ex: 20')

<sup>1</sup>Special wet location joiners are used to connect sections; lenses are not continuous. Agents, contact factory with section length details for pricing.  
  
All lengths are nominal and may vary based on lamping and other specification selections. Consult factory when exact lengths are required.

**3. LAMPING**

HI/3500K

- LED<sup>2</sup>**
  - LOW<sup>3</sup>** Pair lamping with CCT (where applicable), ex: MED/2700K  
Low-output, high-performance LED – 517 delivered lm/ft, 7.4 W/lf, 70 lm/W  
2700K 3000K 3500K 4000K
  - MED** Medium-output, high performance LED – 689 delivered lm/ft, 9.8 W/lf, 70 lm/W  
2700K 3000K 3500K 4000K
  - HI<sup>3</sup>** High-output, high-performance LED – 861 delivered lm/ft, 12.2 W/lf, 70 lm/W  
2700K 3000K 3500K 4000K
  - TUNE<sup>4</sup>** Tunable white LED, 2700K-5700K – 574 delivered lumens, 8.2 W/lf, 70 lm/W  
(must select DMX driver below; controller not included)
  - DECOR<sup>3</sup>** Decorative constant voltage LED – 252 delivered lm/ft, 5.9 W/lf, 43 lm/W  
3000K 4000K
  - RGB** Color-changing RGB LED, 5 W/lf  
(must select DMX driver below; controller not included)

<sup>2</sup>LED board options may be limited and/or substituted to accommodate requests for exact, non-standard overall run lengths (ex: 3' 9"). Consult factory.

<sup>3</sup>Performance calculations are extrapolated estimates based on the actual IES test results of MED option at 3500K

<sup>4</sup>Performance calculations are extrapolated MAXIMUM estimates for mid-range CCTs based on the actual IES test results of MED option at 3500K. Cooler and warmer CCT settings will provide lower delivered lumens, lower lm/W and higher W/lf.

**FLUORESCENT** Lamps not provided

- 1T5 Standard output, 1-lamp profile T5
- 1T5HO High output, 1-lamp profile T5

# LIGHTPLANE 3.5 – LP3.5WL

WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
Page 3 of 5

**4. DRIVER**

0/10V/10%

**LED**

0/10V/

- DALI
- DMX
- HILUME/A3

0-10V dimming (Pair driver with dimming % below, ex: 0/10V/10%)  
 10% Standard dimming to 10% 1% Dimming to 1% 0% Premium dimming to 0%  
 DALI dimming to 0%  
 DMX dimming to 0%  
 Lutron Hi-Lume® A L3D EcoSystem® or three-wire control, dimming to 1%

**FLUORESCENT**

- HILUME/A3
- STD
- FL/0/10V
- HILUME
- BALLASTAR

Lutron Hi-Lume® A L3D EcoSystem® or three-wire control, dimming to 1%  
 Standard, non-dimming, <10% THD  
 Dimming, 0-10V  
 Lutron Hi-Lume® dimming  
 Step-dimming

*Driver/ballast options may be limited with 347 voltage. Consult factory.  
 Driver/ballast specifications provided upon request to assist with control system integration  
 Consult ballast manufacturer for lamp compatibility*

**5. LENS**

EXT/F

EXT/F

Extra diffuse, flush

**6. FINISH**

RAL/8019

- AL
- BK
- WH
- RAL/
- NTM<sup>5</sup>

Standard, natural "Ultimatte" aluminum  
 Black powdercoat  
 White powdercoat  
 Specify RAL powdercoat code (ex: #RAL/3003)  
 Natatorium finish

<sup>5</sup>Natatorium finish is an additional top-coat finish. Select both color finish and NTM.  
 Agents, contact factory with both selections for pricing.

**7. VOLTAGE**

UNV

- 120
- 277
- UNV
- 347<sup>6</sup>

120 volt  
 277 volt  
 Universal voltage  
 347 volt

<sup>6</sup>Driver/ballast options may be limited with 347 voltage. Consult factory.

**8. ADDITIONAL OPTIONS**

NONE

- NONE
- EMC<sup>7</sup>
- EMB<sup>7</sup>
- SB
- TPF

None  
 Emergency circuit  
 Emergency battery pack  
 Seismic bracing  
 Top-side power feed location

<sup>7</sup>Consult factory for available options

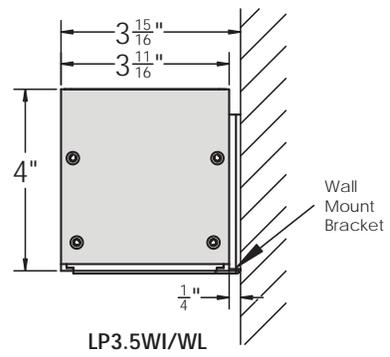
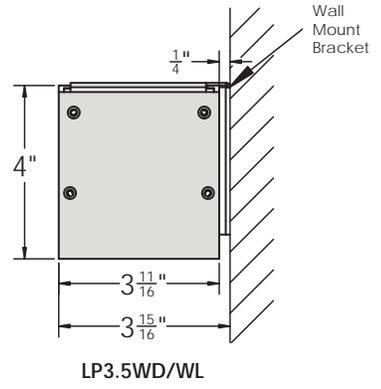
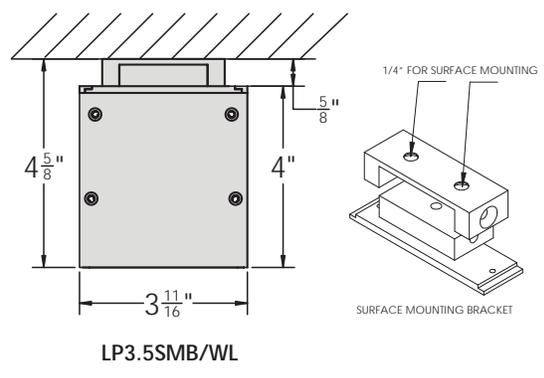
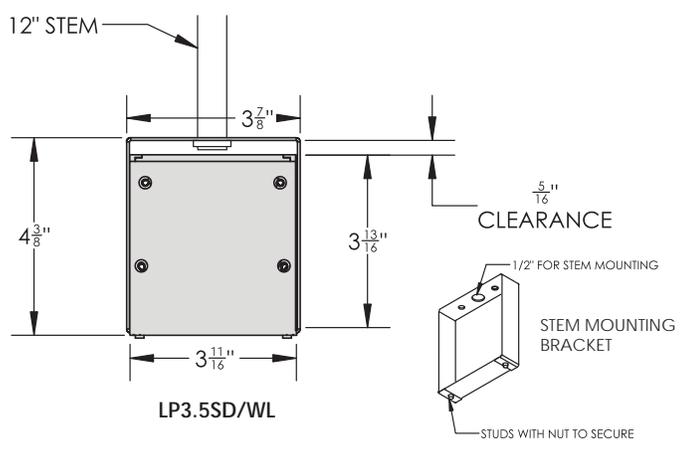
# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface

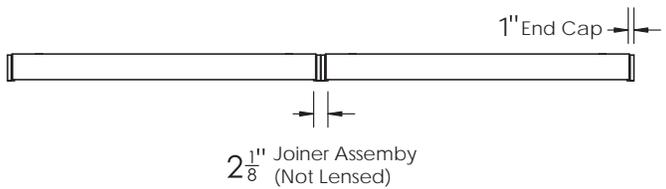


**SPECIFICATIONS**  
Page 4 of 5

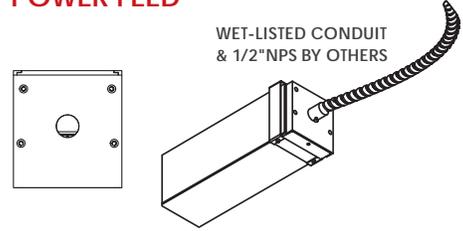
### MOUNTING OPTIONS & DIMENSIONS



### END CAP & JOINER ASSEMBLY & DIMENSIONS



### POWER FEED



STANDARD -- Power feed location on end of of fixture through the end cap.

Choose TPF in Additional Options for top-side power feed location.

# LIGHTPLANE 3.5 – LP3.5WL

WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
Page 5 of 5

**HOUSING**

100% recyclable, extruded architectural grade 6060 T-5 aluminum with .08" minimum wall thickness.

**ELECTRICAL**

Fluorescent ballasts are <10% THD Class P. Programmed-start standard. LED drivers are Class 2. L80 >50,000 hours. 80+ CRI. ETL listed for damp location with lens.



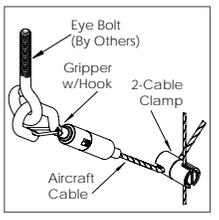
**EMERGENCY**

Luminaires can be wired for emergency circuit and/or emergency battery backup. Consult factory for details.

**LENS**

Extruded, twin-layered, high-impact acrylic. EXT/F is a white, extra diffuse flush lens with minimal-to-no source visibility.

**OPTIONS**



**SEISMIC BRACING**

Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point

**IP RATING**

**IP 6 6**

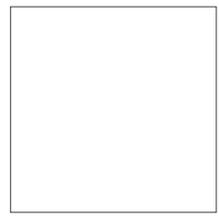
SOLID OBJECT INGRESS LEVEL	WATER INGRESS LEVEL
<b>6</b>	<b>6</b>
Dust tight	Protected against powerful water jets and heavy seas

**FINISH**

Standard finish is "Ultimate" aluminum — a smooth, clean and durable finish achieved from a deep-etch and two-step clear anodizing process. White, black and color RAL powdercoat options also available.



ALUMINUM – AL



WHITE – WH



BLACK – BK



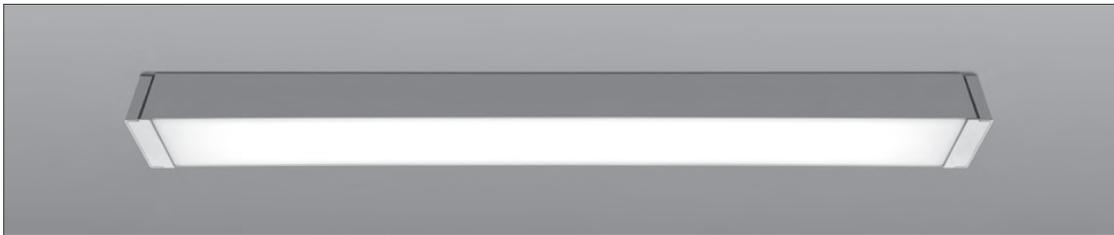
COLOR – RAL

## SPECIFICATIONS

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# LIGHTPLANE 3.5 WET LOCATION

LP3.5WL | Suspended, Wall, Surface



Find additional images and information at

[alwusa.com/lp35wl](http://alwusa.com/lp35wl)

# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
Page 2 of 5

**1. BASE MODEL**

LP3.5SMBWL

- LP3.5SDWL 3-1/2" suspended stem-mount direct, wet location
- LP3.5WIWL 3-1/2" wall-mount indirect, wet location
- LP3.5WDWL 3-1/2" wall-mount direct, wet location
- LP3.5SMBWL 3-1/2" wall/surface, back-mounted, wet location

Type:

**2. RUN LENGTH/  
SIZE**

6'

- Individual (2', 3' or 4')
- Joined row<sup>1</sup> (enter total linear length, ex: 20')

<sup>1</sup>Special wet location joiners are used to connect sections; lenses are not continuous. Agents, contact factory with section length details for pricing.  
  
All lengths are nominal and may vary based on lamping and other specification selections. Consult factory when exact lengths are required.

**3. LAMPING**

HI/3500K

- LED<sup>2</sup>**
- LOW<sup>3</sup>** Low-output, high-performance LED – 517 delivered lm/ft, 7.4 W/lf, 70 lm/W  
2700K 3000K 3500K 4000K
- MED** Medium-output, high performance LED – 689 delivered lm/ft, 9.8 W/lf, 70 lm/W  
2700K 3000K 3500K 4000K
- HI<sup>3</sup>** High-output, high-performance LED – 861 delivered lm/ft, 12.2 W/lf, 70 lm/W  
2700K 3000K 3500K 4000K
- TUNE<sup>4</sup>** Tunable white LED, 2700K-5700K – 574 delivered lumens, 8.2 W/lf, 70 lm/W  
(must select DMX driver below; controller not included)
- DECOR<sup>3</sup>** Decorative constant voltage LED – 252 delivered lm/ft, 5.9 W/lf, 43 lm/W  
3000K 4000K
- RGB** Color-changing RGB LED, 5 W/lf  
(must select DMX driver below; controller not included)

<sup>2</sup>LED board options may be limited and/or substituted to accommodate requests for exact, non-standard overall run lengths (ex: 3' 9"). Consult factory.

<sup>3</sup>Performance calculations are extrapolated estimates based on the actual IES test results of MED option at 3500K

<sup>4</sup>Performance calculations are extrapolated MAXIMUM estimates for mid-range CCTs based on the actual IES test results of MED option at 3500K. Cooler and warmer CCT settings will provide lower delivered lumens, lower lm/W and higher W/lf.

**FLUORESCENT** Lamps not provided

- 1T5 Standard output, 1-lamp profile T5
- 1T5HO High output, 1-lamp profile T5

# LIGHTPLANE 3.5 – LP3.5WL

WET LOCATION – Suspended, Wall, Surface



**SPECIFICATIONS**  
Page 3 of 5

**4. DRIVER**

0/10V/10%

**LED**

0/10V/

- DALI
- DMX
- HILUME/A3

0-10V dimming (Pair driver with dimming % below, ex: 0/10V/10%)  
 10% Standard dimming to 10% 1% Dimming to 1% 0% Premium dimming to 0%  
 DALI dimming to 0%  
 DMX dimming to 0%  
 Lutron Hi-Lume® A L3D EcoSystem® or three-wire control, dimming to 1%

**FLUORESCENT**

- HILUME/A3
- STD
- FL/0/10V
- HILUME
- BALLASTAR

Lutron Hi-Lume® A L3D EcoSystem® or three-wire control, dimming to 1%  
 Standard, non-dimming, <10% THD  
 Dimming, 0-10V  
 Lutron Hi-Lume® dimming  
 Step-dimming

*Driver/ballast options may be limited with 347 voltage. Consult factory.  
 Driver/ballast specifications provided upon request to assist with control system integration  
 Consult ballast manufacturer for lamp compatibility*

**5. LENS**

EXT/F

EXT/F

Extra diffuse, flush

**6. FINISH**

RAL/8019

- AL
- BK
- WH
- RAL/
- NTM<sup>5</sup>

Standard, natural "Ultimatte" aluminum  
 Black powdercoat  
 White powdercoat  
 Specify RAL powdercoat code (ex: #RAL/3003)  
 Natatorium finish

<sup>5</sup>Natatorium finish is an additional top-coat finish. Select both color finish and NTM.  
 Agents, contact factory with both selections for pricing.

**7. VOLTAGE**

UNV

- 120
- 277
- UNV
- 347<sup>6</sup>

120 volt  
 277 volt  
 Universal voltage  
 347 volt

<sup>6</sup>Driver/ballast options may be limited with 347 voltage. Consult factory.

**8. ADDITIONAL OPTIONS**

NONE

- NONE
- EMC<sup>7</sup>
- EMB<sup>7</sup>
- SB
- TPF

None  
 Emergency circuit  
 Emergency battery pack  
 Seismic bracing  
 Top-side power feed location

<sup>7</sup>Consult factory for available options

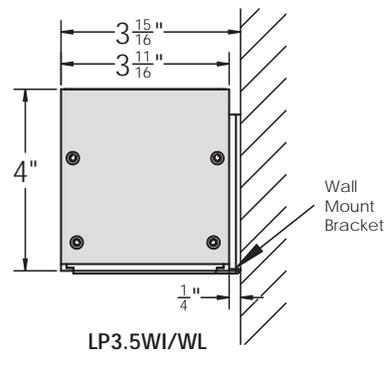
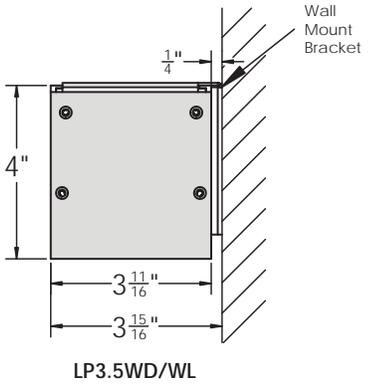
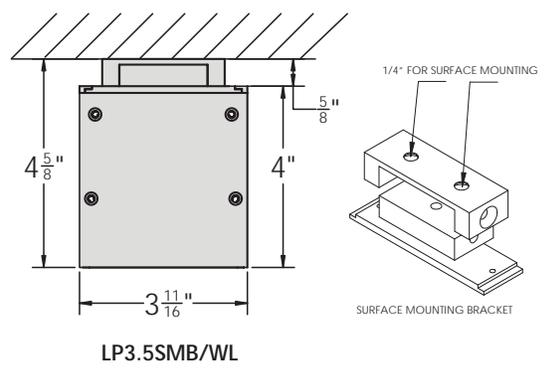
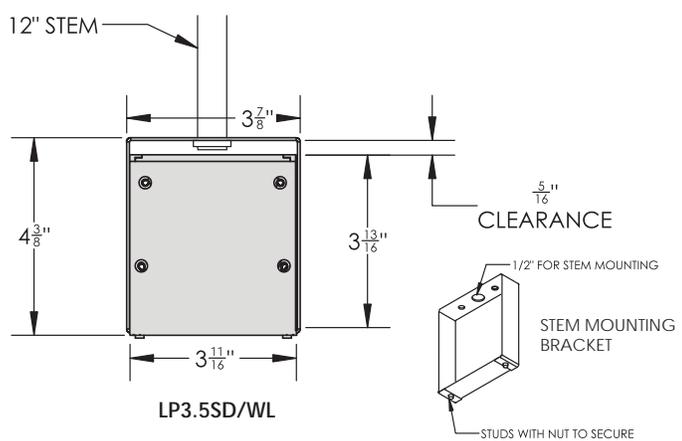
# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface

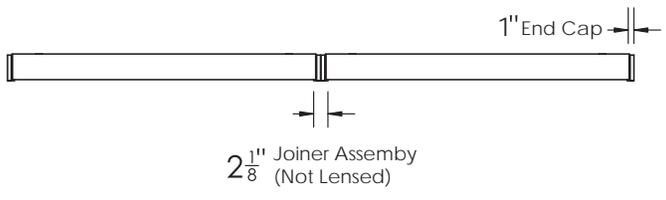


**SPECIFICATIONS**  
Page 4 of 5

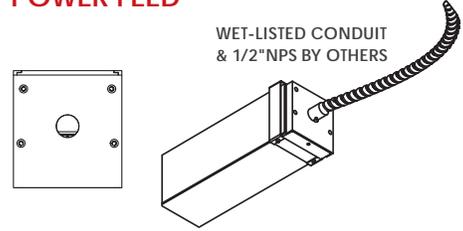
### MOUNTING OPTIONS & DIMENSIONS



### END CAP & JOINER ASSEMBLY & DIMENSIONS



### POWER FEED



STANDARD -- Power feed location on end of of fixture through the end cap.

Choose TPF in Additional Options for top-side power feed location.

# LIGHTPLANE 3.5 – LP3.5WL

## WET LOCATION – Suspended, Wall, Surface



### SPECIFICATIONS

Page 5 of 5

#### HOUSING

100% recyclable, extruded architectural grade 6060 T-5 aluminum with .08" minimum wall thickness.

#### ELECTRICAL

Fluorescent ballasts are <10% THD Class P. Programmed-start standard. LED drivers are Class 2. L80 >50,000 hours. 80+ CRI. ETL listed for damp location with lens.



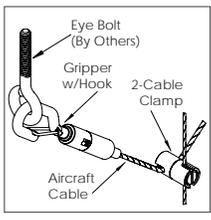
#### EMERGENCY

Luminaires can be wired for emergency circuit and/or emergency battery backup. Consult factory for details.

#### LENS

Extruded, twin-layered, high-impact acrylic. EXT/F is a white, extra diffuse flush lens with minimal-to-no source visibility.

#### OPTIONS



#### SEISMIC BRACING

Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point

#### IP RATING

**IP 6 6**

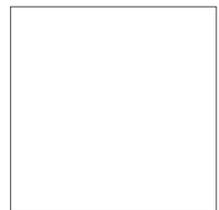
SOLID OBJECT INGRESS LEVEL	WATER INGRESS LEVEL
<b>6</b>	<b>6</b>
Dust tight	Protected against powerful water jets and heavy seas

#### FINISH

Standard finish is "Ultimate" aluminum — a smooth, clean and durable finish achieved from a deep-etch and two-step clear anodizing process. White, black and color RAL powdercoat options also available.



ALUMINUM – AL



WHITE – WH



BLACK – BK



COLOR – RAL



# WST LED

## Architectural Wall Sconce



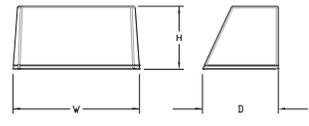
### Specifications Luminaire

**Height:** 8-1/2"  
(21.59 cm)

**Width:** 17"  
(43.18 cm)

**Depth:** 10-3/16"  
(25.9 cm)

**Weight:** 20 lbs  
(9.1 kg)

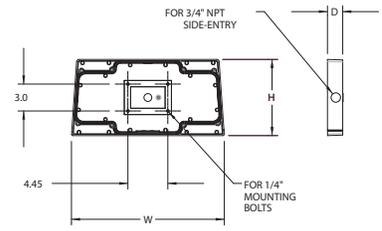


### Optional Back Box (BBW)

**Height:** 4"  
(10.2 cm)

**Width:** 5-1/2"  
(14.0 cm)

**Depth:** 1-1/2"  
(3.8 cm)



### Introduction

The WST LED is designed with the specifier in mind. The traditional, trapezoidal shape offers a soft, non-pixelated light source for end-user visual comfort. For emergency egress lighting, the WST LED offers six battery options, including remote. For additional code compliance and energy savings, there is also a Bi-level motion sensor option. With so many standard and optional features, three lumen packages, and high LPW, the WST LED is your "go to" luminaire for most any application.

### Ordering Information

### EXAMPLE: WST LED P1 40K VF MVOLT DDBTXD

WST LED	P3	40K	VF	MVO	BBW	Options		DDBXD
Series	Performance Package	Color temperature	Distribution	Voltage	Mounting			Finish (required)
WST LED	P1 1,500 Lumen package	27K 2700 K	VF Visual comfort forward throw	MVOLT <sup>1</sup>	<b>Shipped included</b> (blank) Surface mounting bracket  <b>Shipped separately</b> BBW Surface-mounted back box PBBW Premium surface-mounted back box <sup>2</sup> LCE Left side conduit entry <sup>3</sup> RCE Right side conduit entry <sup>3</sup>	PE Photoelectric cell, button type	DDBXD Dark bronze	
	P2 3,000 Lumen package	30K 3000 K	VW Visual comfort wide	120 <sup>1</sup>		PER NEMA twist-lock receptacle only	DBLXD Black	
	P3 6,000 Lumen package	40K 4000 K		208 <sup>1</sup>		PER5 Five-wire receptacle only	DNAXD Natural aluminum	
		50K 5000 K		240 <sup>1</sup>	PIR Motion/Ambient Light Sensor, 8-15' mounting height <sup>4</sup>	DWHXD White		
				277 <sup>1</sup>	PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>4</sup>	DSSXD Sandstone		
				347	PIRH 180° motion/ambient light sensor, 15-30' mounting height <sup>4</sup>	DDBTXD Textured dark bronze		
				480	PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>4</sup>	DBLBXD Textured black		
					SF Single fuse (120, 277, 347V) <sup>5</sup>	DNATXD Textured natural aluminum		
					DF Double fuse (208, 240, 480V) <sup>5</sup>	DWHGXD Textured white		
					DS Dual switching <sup>6</sup>	DSSTXD Textured sandstone		
					E7WH Emergency battery backup (7W) <sup>7</sup>			
					E7WC Emergency battery backup (cold, 7W) <sup>8</sup>			
					E7WHR Remote emergency battery backup (remote 7W) <sup>9</sup>			
					E20WH Emergency battery backup (20W) <sup>7,10</sup>			
					E20WC Emergency battery backup (cold, 20W) <sup>7,8,10</sup>			
					E23WHR Remote emergency battery backup (remote 20W) <sup>9</sup>			
					<b>Shipped separately</b>			
					RBPW Retrofit back plate			
					VG Vandal guard			
					WG Wire guard			

**NOTES**

1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with photocell (PE), fusing (SF, DF), or dual switching (DS).

2 Top conduit entry standard.

3 Not available with BBW.

4 Not available with PE, PER, PER5, PER7, VG or WG.

5 Not available with MVOLT option. Button photocell (PE) can be ordered with a dedicated voltage option. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.

6 Not available with E7WH, E7WC, E7WHR, E20WC, E20WH, or E23WHR. Used with inverter system. Not available with 347/480V. Not available with PE, PER, PER5 & PER7.

7 Not available with 347/480V.

8 Battery pack rated for -20° to 40°C.

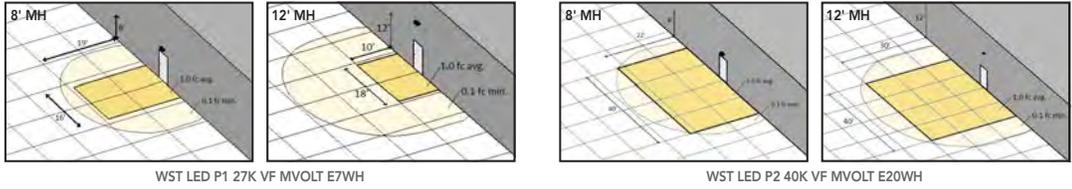
9 Comes with PBBW.

10 Warranty period is 3-years.

### Emergency Battery Operation

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 backup configurations include an independent secondary driver with an integral relay to immediately detect AC power loss, meeting interpretations of [NFPA 70/NEC 2008 - 700.16](#)  
The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per [International Building Code Section 1006](#) and [NFPA 101 Life Safety Code Section 7.9](#), provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.  
The examples below show illuminance of 1 fc average and 0.1 fc minimum of the P1 power package and VF distribution product in emergency mode.

10' x 10' Gridlines  
8' and 12' Mounting Height



### 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.

Performance Package	System Watts (MVOLT <sup>1</sup> )	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	12W	VF	1,494	0	0	0	125	1,529	0	0	0	127	1,639	0	0	0	137	1,639	0	0	0	137
		VW	1,513	0	0	0	126	1,548	0	0	0	129	1,660	0	0	0	138	1,660	0	0	0	138
P2	25W	VF	3,162	1	0	1	126	3,236	1	0	1	129	3,468	1	0	1	139	3,468	1	0	1	139
		VW	3,202	1	0	0	128	3,277	1	0	0	131	3,512	1	0	0	140	3,512	1	0	0	140
P3	50W	VF	6,023	1	0	1	120	6,164	1	0	1	123	6,607	1	0	1	132	6,607	1	0	1	132
		VW	6,100	1	0	1	122	6,242	1	0	1	125	6,691	1	0	1	134	6,691	1	0	1	134

#### 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	1.03
10°C	1.02
20°C	1.01
25°C	1.00
30°C	0.99
40°C	0.98

#### Electrical Load

Performance package	System Watts	Current (A)					
		120	208	240	277	347	480
P1	11	0.1	0.06	0.05	0.04	---	---
	14	---	---	---	---	0.04	0.03
P1 DS	14	0.12	0.07	0.06	0.06	---	---
	P2	25	0.21	0.13	0.11	0.1	---
30		---	---	---	---	0.09	0.06
P2 DS	25	0.21	0.13	0.11	0.1	---	---
	P3	50	0.42	0.24	0.21	0.19	---
56		---	---	---	---	0.16	0.12
P3 DS	52	0.43	0.26	0.23	0.21	---	---

#### Projected LED Lumen Maintenance

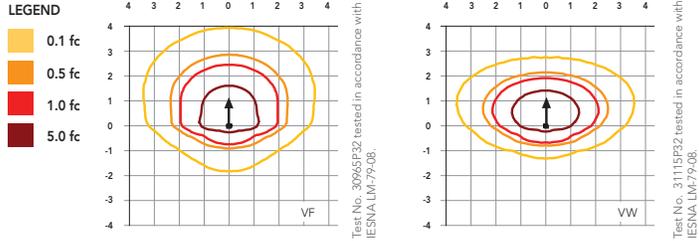
Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.95	>0.92	>0.87

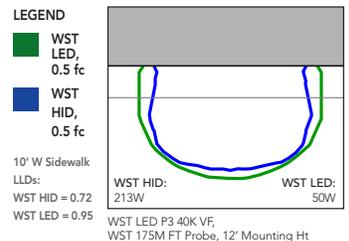
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [WST LED homepage](#).

Isofootcandle plots for the WST LED P3 40K VF and VW. Distances are in units of mounting height (10').



Distribution overlay comparison to 175W metal halide.



## FEATURES & SPECIFICATIONS

### INTENDED USE

The classic architectural shape of the WST LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long life LEDs and driver make this luminaire nearly maintenance-free.

### 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 IP65 rating for the luminaire.

### 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. 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 WST 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(s) consist of 98 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (100,000 hrs at 40°C, L87). Class 2 electronic driver has a power factor >90%, THD <20%. Easily-serviceable surge protection device meets a minimum Category B (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.

### LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. PIR options are rated for wet location. Rated for -30°C to 40°C ambient.

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

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

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

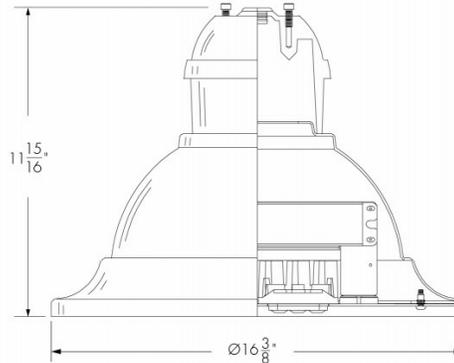
## Specification sheet

## lumenarea allegra

ALG7100



ALG7100+DM0



Front view

### Performance table

Distribution	Delivered Output (lm)			
	3000	6000	9000	CRI
Type II	3165	6330	9495	70+
Type III	3120	6240	9360	70+
Type IV	3205	6410	9615	70+
Type VS*	3235	6470	9705	70+

\* Estimated. Consult website for latest ies files

### Description

Lumenarea Allegra 7100 is a durable, high-performance wall-mounted LED luminaire for urban lighting applications. Featuring a mix of modern and traditional styles and built around a modular LED core, the wall-mounted luminaire is endlessly scalable.

### Features

Output (module lumens)	3000lm (30W, 1 LED module), 6000lm (60W, 2 LED modules)
Color and color temperature	3000K, 4000K, 5000K
Distribution	Type II, Type III, Type IV, Type VS
Mounting Option	Side mounted (welded to the bracket), Top mounted
Mounting accessory (order separately)	Decorative arm CM0, Decorative arm DM0
Warranty	5-year limited warranty

### Performance

Color rendering	70+
Lumen maintenance	L70 @ 70,000 hrs (25 °C)

### Physical

Housing material	Spun aluminum, Moulded aluminum
LED module frame material	Heavy gauge aluminum tray
Hardware material	Stainless steel
Weight	14 lbs
EPA	0.5 sq ft

### Electrical and control

Voltage	120 volts, 240 volts, 277 volts, 347 volts
Control	On/off control
Connectors	IP67 rated LED quick connectors for quick and easy maintenance (PVC)
Power consumption	30W-60W (30W per LED module)
LED Driver	Electronic LED Driver — 24V DC

**Specification sheet**

**lumenarea allegra**  
ALG7100

**Environmental**

**Environment** Dry / damp / wet location

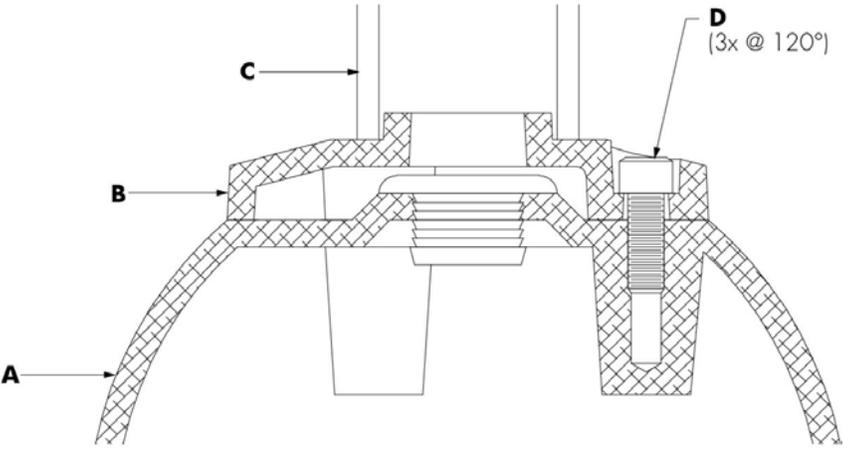
**Ratings**

**LED module** IP67 - Outdoor rated

**Photoelectric cell and driver** ANSI/UL, CSA

**Fixture with flat lens only** Dark Sky Friendly

**Top mounting detail(s)**



- A - Luminaire head adaptor
- B - Bracket adaptor
- C - Bracket
- D - Ø1/4 by 1" long bolts on a Ø2-1/2" bolt circle (included with the luminaire)

# Specification sheet

# lumenarea allegra

ALG7100

## How to order

Submitted on \_\_\_\_\_ for  Information  Approval

Project: \_\_\_\_\_

Other(s)  Distribution: \_\_\_\_\_

Your order #: \_\_\_\_\_

Representative: \_\_\_\_\_

Our order #: for lumenpulse use \_\_\_\_\_

IMPORTANT NOTICE Lumenpulse assumes no responsibility for problems that may occur when combining third-party products with Lumenarea

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
ALG7100	XX	L60	40K	4	XX	NO	TM
<b>9</b>							
DMO							

### 1 . Housing <sup>(1)</sup>

ALG7100	Allegra 7100
---------	--------------

### 2 . Voltage

120	120 volts
240	240 volts
277	277 volts
347	347 volts

### 3 . Output (module lumens)

L30	3000lm (30W, 1 LED module)
L60	6000lm (60W, 2 LED modules)

### 4 . Color and color temperature

30K	3000K
40K	4000K
50K	5000K

### 5 . Distribution

2	Type II
3	Type III
4	Type IV
5S	Type VS

### 6 . Finish

BK	Black Sandtex
BRZ	Bronze Sandtex
SI	Silver Sandtex
BKTX	Textured black
BRZTX	Textured bronze non-metallic
GRATX	Textured medium gray
GRNTX	Textured green
WHTX	Textured white
CC	Custom color and finish (please specify RAL color) <sup>(2)</sup>

### 7 . Control <sup>(3)</sup>

NO	On/off control
----	----------------

### 8 . Mounting Option

SM	Side mounted (welded to the bracket)
TM	Top mounted

### 9 . Mounting accessory (order separately)

CMO	Decorative arm CMO
DMO	Decorative arm DMO

**Notes:**

- <sup>(1)</sup> Consult Related Products section on webpage for a selection of compatible decorative arms (sold separately).
- <sup>(2)</sup> For custom RAL colors, specify RAL number followed by "TX" for textured finish (ex: RAL9007TX). A textured finish is recommended for ease of maintenance of all lumenarea products. Please consult factory for other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.
- <sup>(3)</sup> Consult factory for dimming options.

■ DECORATIVE BASES ■



## STAFF REPORT

**TO:** Old Town Design Review Committee

**FROM:** June Sin, Planner

**MEETING**

**DATE:** October 11, 2016

**SUBJECT: Tabled Item: Consideration of a Letter of Design Approval for exterior building design for a new residence located at 211 N. Hatcher Street, as requested by Bill Peck, on behalf of Daniel Tsakonas, the property owner.**

This item was tabled at the September 26, 2016 OTDRC meeting for to revisit the angled garage design element.

### **BACKGROUND**

The property is located on the west side of North Hatcher St. between Main St. and West Walters St. The property owners demolished the previous residence built in the 1950's, to build a new residence.

### **ANALYSIS**

#### *Exterior Building Design*

The applicant is proposing to build a two-story house, approximately 2,984 square feet and 35 feet high at its highest point. To the south of the house is a three-car garage with an extra floor space on the second story. The building will be a wood frame construction with hardie board siding. The lower portion of the house will be wrapped with a brick veneer. The house will contain a metal roof. Metal awnings supported by wood frames will be installed over the windows.

At the front of the house, a porch with brick flooring and metal roof will wrap around the corner and connect to a patio (lanai) to the north.

#### *Paint Colors and Materials*

The hardie board siding will be painted white with either Woodlawn Bedroom White (Valspar 6004-1A) or Woodlawn Whitewash (Valspar 6008-1A) from the National Trust for Historic Preservation colors. The brick will be a sand color close to ACME Pewter Grey brick.

### **RECOMMENDATION**

Staff recommends that the Old Town Design Review Committee approve a letter of design approval for the proposed exterior building design as presented.



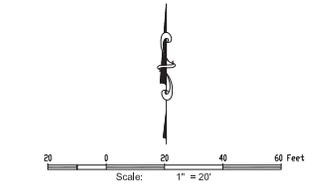
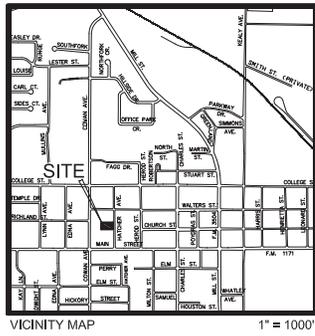


**Woodlawn  
Bedroom White**  
6004-1A  
Valspar



**Woodlawn  
Whitewash**  
6008-1A  
Valspar





**LOT SUMMARY**  
 LOT 1  
 Area = 21,560 square feet  
 Lot Coverage = 12.7%

**LEGEND:**  
 I.R.S. - IRON ROD SET  
 I.R.F. - IRON ROD FOUND  
 FND. - FOUND  
 R.O.W. - RIGHT-OF-WAY  
 C.M. - CONTROL MONUMENT  
 P.O.B. - POINT OF BEGINNING  
 P.R.D.C.T. - PLAT RECORDS, DENTON COUNTY, TEXAS  
 R.P.R.D.C.T. - REAL PROPERTY RECORDS, DENTON COUNTY, TEXAS

All variances (if any) from the General Development Ordinance approved by City Council.

James Davis, Chairman  
 Planning & Zoning Commission  
 City of Lewisville, Texas

The undersigned, City Secretary of the City of Lewisville, Texas, hereby certifies that the foregoing final plat of Tsakonas Addition, Lot 1, Block A in addition to the City of Lewisville was submitted to the appropriate Planning & Zoning Commission or City Council as required by the ordinances of the City of Lewisville on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and each body by formal action, then and there accepted the dedication of streets, alleys, paths, easements, public places and water and sewer lines, as shown and set forth in and upon said plat, and said body further authorized the acceptance thereof by signing as hereinbefore subscribed in the capacity stated.

Witness my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Jude Heine, City Secretary  
 City of Lewisville, Texas

- NOTES**
- No portion of subject property appears to lie within a Special Flood Hazard Area according to the Federal Emergency Management Agency Flood Insurance Rate Map, Community Panel No. 4801910545 G, present effective date of map April 18, 2011, herein property is situated within Zone X (unshaded).
  - All iron rods found are 1/2 inch unless otherwise noted. All iron rods set are 1/2 inch with a yellow cap stamped "Arthur Surveying Company".
  - Bearings shown herein are based on the north line of a tract of land described by deed recorded in Inst. 2004-6580, R.P.R.D.C.T.
  - Selling a portion of this addition by metes and bounds is a violation of city ordinance and state law and is subject to fines and withholding of utilities and building permits.
  - The purpose of this plat is to create one lot from a portion of a previously platted lot.

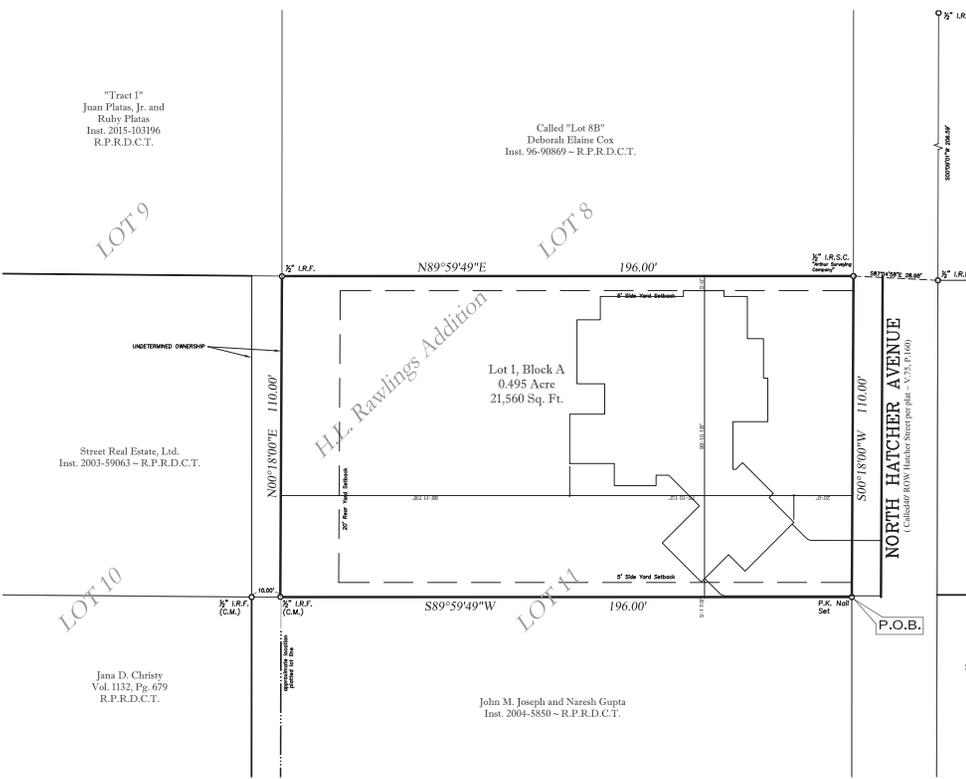
"Tract 1"  
 Juan Platas, Jr. and  
 Ruby Platas  
 Inst. 2015-103196  
 R.P.R.D.C.T.

Called "Lot 8B"  
 Deborah Elaine Cox  
 Inst. 96-90869 - R.P.R.D.C.T.

LOT 9  
 LOT 10

Jana D. Christy  
 Vol. 1132, Pg. 679  
 R.P.R.D.C.T.

John M. Joseph and Naresh Gupta  
 Inst. 2004-5850 - R.P.R.D.C.T.



Doris E. Huddleston  
 Fred C. Huddleston  
 Inst. 97-69923  
 R.P.R.D.C.T.

Doris E. Huddleston  
 (no recording info. available)

Series 4, 5 and 6, A Series of  
 Eve's Moon, LLC  
 Inst. 2014-68951  
 R.P.R.D.C.T.

**State of Texas**  
**County of Denton**  
**Owner's Certificate and Acknowledgment**

WHEREAS Daniel R. and Melanie A. Tsakonas are the owners of a 0.495 acre portion of Lot 11 of H.L. Rawlings Addition, an addition to the City of Lewisville, Denton County, Texas according to the plat thereof, as recorded in Volume 75, Page 160, of the Real Property Records of Denton County, Texas (P.P.R.D.C.T.), being that same tract of land described by deed to Jon S. Calamia, as recorded in Volume 467, Page 2206, R.P.R.D.C.T., and being more particularly described as follows:

- BEGINNING** at a P.K. nail set in asphalt for the southeast corner of the herein described tract, same being the northeast corner of a tract of land described by deed to Jon M. Joseph and Naresh Gupta, as recorded under instrument Number 2004-5850, R.P.R.D.C.T., said point being within the paved surface of and called (V.4037, P.2206) to lie within the Right-of-Way of North Hatcher Street (shown as 40' Right-of-Way on plat of said H.L. Rawlings Addition);
- THENCE** South 89 degrees 59 minutes 49 seconds West, with the north line of said Joseph Gupta tract, a distance of 196.00 feet to a 1/2 inch iron rod found for corner, said point being in the common line of Lots 10 and 11, of said H.L. Rawlings Addition;
- THENCE** North 00 degrees 18 minutes 00 seconds East, with the common line of said Lots 10 and 11, a distance of 110 feet to a 1/2 inch iron rod found for corner, same being the corner common to Lots 8, 9, 10, and 11, of said H.L. Rawlings Addition;
- THENCE** North 89 degrees 59 minutes 49 seconds East, with the common line of said Lots 8 and 11, a distance of 196.00 feet to a 1/2 inch iron rod with yellow cap stamped "Arthur Surveying Company" set for corner on or near the westerly edge of the paved surface of said North Hatcher Street;
- THENCE** South 00 degrees 18 minutes 00 seconds West, within or along the westerly edge of the paved surface of said North Hatcher Street, a distance of 110.00 feet to the **POINT OF BEGINNING** and containing 0.495 acres of land, more or less.

**NOW, therefore, know all men by these presents:**  
 THAT Daniel R. and Melanie A. Tsakonas, the undersigned authority, do hereby adopt this plat designating the herein described property as **TSAKONAS ADDITION, Lot 1, Block A**, an addition to the City of Lewisville, Denton County, Texas, and does hereby dedicate to the public use forever the streets and alleys shown hereon; and does hereby dedicate the easements strips shown on the plat for mutual use and accommodation of the City of Lewisville and all public utilities desiring to use or using same. No buildings, fences, trees, shrubs, signs or other improvements shall be constructed or placed upon, over, or across the easement strips on said plat. The City of Lewisville and any public utility shall have the right to remove and keep removed all or part of any buildings, fences, trees, shrubs, signs or other improvements or growths which in any way endanger or interfere with the construction, maintenance, or efficiency of its respective system on any of these easement strips, and the City of Lewisville and any public utility shall at all times have the right of ingress and egress to and from and upon any of said easement strips for the purpose of constructing, reconstructing, inspecting, repairing, maintaining, and adding to or removing all or part of its respective system without the necessity at any time of procuring the permission of anyone. A blanket easement of a Two (2) foot radius from the center point of all fire hydrants and a five (5) foot radius from the center point of all other appurtenances (fire hydrant valves, water meters, meter boxes, street lights) is hereby granted to the City of Lewisville for the purpose of constructing, reconstructing, inspecting and maintaining the above named appurtenances.

We do further dedicate, subject to the exceptions and reservations set forth hereinafter, to the public use forever, all public use spaces shown on the face of the plat.

All lots in the subdivision shall be sold and developed subject to the building lines shown on the plat.

Daniel R. Tsakonas, Owner  
 \_\_\_\_\_  
 Melanie A. Tsakonas, Owner  
 \_\_\_\_\_

**State of Texas**  
**County of Denton**  
 Before me, the undersigned authority, a Notary Public in and for said County and State, on this day personally appeared *Daniel R. Tsakonas*, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and considerations therein expressed.

Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Notary Public in and for the State of Texas

**State of Texas**  
**County of Denton**  
 Before me, the undersigned authority, a Notary Public in and for said County and State, on this day personally appeared *Melanie A. Tsakonas*, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and considerations therein expressed.

Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Notary Public in and for the State of Texas

**FINAL PLAT**  
**TSAKONAS ADDITION**

**Lot 1, Block A**  
 Being 0.495 Acre of land located in the  
**J.W. King Survey, Abstract Number 696**  
 being a replat of a portion of Lot 11  
 Rawlings Addition, City of Lewisville,  
 Denton County, Texas  
 Zoned "OTMU-2"  
 an addition to the City of Lewisville,  
 Denton County, Texas

**Arthur Surveying Co., Inc.**  
 Professional Land Surveyors  
 OFFICES  
 (972) 321-9420 - Fax (972) 321-4875  
 250 Elm Street, Suite 200 - P.O. Box 140  
 Lewisville, Texas 75057 - TTYN No. 10085800  
 Established 1990  
 www.arthursurveying.com

Daniel and Melanie Tsakonas  
 305 W. College Street  
 Lewisville, TX 75057

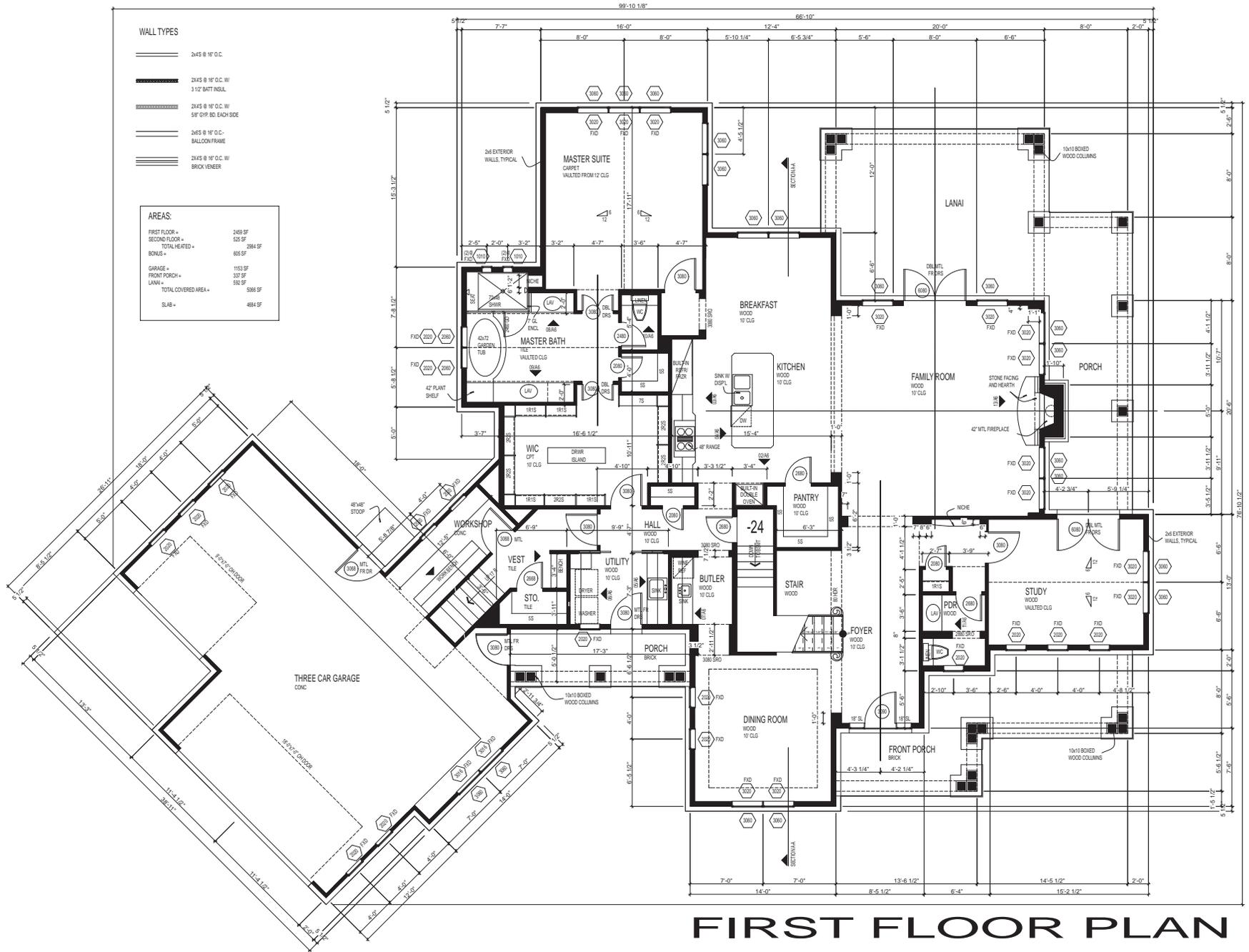
DRAWN BY: JHB DATE: 07/19/2016 SCALE: 1"=20' CHECKED BY: DLA ASC NO: 1606421

FILED: \_\_\_\_\_  
 DOC. NO. \_\_\_\_\_ P.R.D.C.T. \_\_\_\_\_  
 FOR DENTON COUNTY USE ONLY.  
 FOR DENTON COUNTY USE ONLY.  
 FOR DENTON COUNTY USE ONLY.









# FIRST FLOOR PLAN

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF WILLIAM PECK & ASSOCIATES ON THIS PLOT DATE AND IS NOT TO BE USED BY AUTHORITIES HAVING JURISDICTION FOR THE PURPOSE OF ISSUING CONSTRUCTION PERMITS

**WILLIAM PECK & ASSOCIATES INC.**  
ARCHITECTS  
Lynchburg, VA 973-231-1043

**THE CRYSTAL FALLS**  
BUSINESS ADDRESS

FLOOR PLAN
ISSUE DATE
DATE
REV. PLAN
Drawn: JLR
Job: ???????
Sheet Number:
A-101
Sheet 6 of 28