
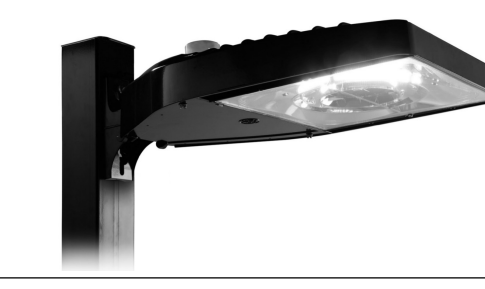





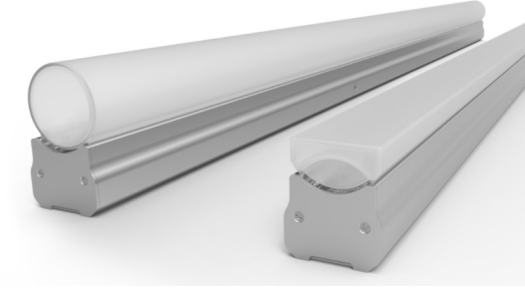







PLANNING DEPARTMENT USE ONLY (E-PLANS)

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	SOURCE		POWER SUPPLY		VOLTAGE	MOUNTING	QTY	FITTURE IMAGE
				TYPE	WATTS	NO.	TYPE				
<u>CT1</u>	CATENARY LUMINAIRE, ALUMINUM EXTRUSION, ALUMINUM POWDER COAT FINISH, CLEAR DIFFUSED TEMPERED GLASS LENS, TYPE 5 DISTRIBUTION	LANDSCAPE FORMS	TML-16-A-1-TV-C-BK ACCESSORY: TML-03-BK	LED 3000K	20	1	ELECTRONIC DRIVER WITH REMOTE XFMR	UNV	CATENARY - APPROX. 12FT AFF	6	
<u>CT2</u>	DELETED										
<u>L1</u>	DELETED										
<u>M1</u>	25' TALL .188 THICK ALUMINUM POLE WITH LED WET-RATED AREA LUMINAIRE, NOMINAL 27.9" LONG X 16" WIDE X 4.3" TALL ALUMINUM HOUSING, CLEAR GLASS, TYPE III DISTRIBUTION, INTEGRAL 0-10V DIMMING DRIVER, 14,700 DELIVERED LUMENS. B2-U0-G2	GE LIGHTING	EALS-03-0-AW-7-30-N-D-D1-DKBZ POLE: RTA-25-D-8-B-4-BM	LED 3000K	116	1	ELECTRONIC 0-10V DIMMING DRIVER	UNV	POLE - 25FT	3	
<u>M2</u>	25' TALL ALUMINUM POLE WITH LED WET-RATED AREA LUMINAIRE, NOMINAL 21.75" LONG X 15.5" WIDE X 4" TALL ALUMINUM HOUSING, CLEAR GLASS, TYPE III DISTRIBUTION, INTEGRAL 0-10V DIMMING DRIVER, 4880 DELIVERED LUMENS. B1-U0-G1	MCGRAW-EDISON	GLEON-SA1A-830-U-T3-(FINISH) POLE:...	LED 3000K	34	1	ELECTRONIC 0-10V DIMMING DRIVER	UNV	POLE - 25FT	5	
<u>M3</u>	14' TALL ALUMINUM POLE WITH LED WET-RATED AREA LUMINAIRE, 23-1/4" DIAMETER, 23-7/8" TALL ALUMINUM HOUSING, CLEAR GLASS ACRYLIC LENS, POLYESTER POWDER COAT FINISH, TYPE II DISTRIBUTION, INTEGRAL 0-10V DIMMING DRIVER, 3444 DELIVERED LUMENS.	SELUX	AST1-R2-A-5G350-30-14-(FINISH)-UNV-DM POLE: AT74-20-(FINISH)-T30	LED 3000K	32	1	ELECTRONIC 0-10V DIMMING DRIVER	UNV	POLE - 14FT	6	
<u>M3A</u>	14' TALL ALUMINUM POLE WITH LED WET-RATED AREA LUMINAIRE, 23-1/4" DIAMETER, 23-7/8" TALL ALUMINUM HOUSING, CLEAR GLASS ACRYLIC LENS, POLYESTER POWDER COAT FINISH, TYPE V DISTRIBUTION, INTEGRAL 0-10V DIMMING DRIVER, 3444 DELIVERED LUMENS.	SELUX	AST1-R5R-A-5G350-30-14-(FINISH)-UNV-DM POLE: AT74-20-(FINISH)-T30	LED 3000K	32	1	ELECTRONIC 0-10V DIMMING DRIVER	UNV	POLE - 14FT	2	
<u>M4</u>	20' TALL STEEL AND WOOD POLE WITH (2) LED WET-RATED AREA LUMINAIRE, EACH NOMINAL 12" DIAMETER X 10" TALL ALUMINUM HOUSING, OPAL GLASS, WIDE FLOOD DISTRIBUTION, INTEGRAL 0-10V DIMMING DRIVER, 1580 DELIVERED LUMENS, FIXTURES MOUNTED AT 18' AND 15' MARKS ON POLE, CATENARY HOOK MOUNTING.	LANDSCAPE... STRUCTURA	(2X) TML-16-A-1-WF-O-BK POLE: BEAM-20-8-6-(STEEL)-A18-B15-(WOOD)-CAT -MOD: WOOD STOPS AT 17'	LED 3000K	40 (20 EACH)	2	ELECTRONIC 0-10V DIMMING DRIVER	UNV	POLE - 20FT	5	
<u>M5</u>	25' TALL STEEL POLE WITH (3) LED WET-RATED ADJUSTABLE AREA LUMINAIRE, EACH NOMINAL 12" DIAMETER X 16" TALL ALUMINUM HOUSING, OPAL GLASS, FLOOD DISTRIBUTION, INTEGRAL 0-10V DIMMING DRIVER, 2280 DELIVERED LUMENS.	GE LIGHTING	(3X) ARP-18-A-1-F-O-DK POLE:ARF41	LED 3000K	66 (22 EACH)	3	ELECTRONIC 0-10V DIMMING DRIVER	UNV	POLE - 25FT	3	
<u>N1</u>	DELETED										
<u>N2</u>	SURFACE MOUNTED DIRECT-VIEW RGBW LUMINAIRE, NOMINAL 6' LONG X 2" WIDE X 2.5" TALL HOUSING, EXTRUDED WHITE FLAT DIFFUSER, 120° DISTRIBUTION, REMOTE POWER SUPPLY AND DMX CONTROLLER.	GVA LIGHTING	HL-(6FT RUNS)-RGBW-HO-CA-ELV-120-3W-IP66 POWER SUPPLY: PS-INF-3000 POWER-DATA CONVERTER: PDC-INF	LED RGBW	36	-	REMOTE POWER SUPPLY AND DMX CONTROLLER	12-60V 120V	WALL MOUNT	68	
<u>Q1</u>	RECESSED WALL MOUNTED LED WET-RATED LUMINAIRE, NOMINAL 12-1/2" LONG X 5" WIDE X 2-3/4" TALL, DIE-CAST ALUMINUM HOUSING, CLEAR SAFETY GLASS, POLYESTER POWDER COAT FINISH, INTEGRAL 0-10V DIMMING DRIVER, 480 DELIVERED LUMENS.	BEGA	33053+K3-BLK	LED 3000K	11	-	ELECTRONIC 0-10V DIMMING DRIVER	UNV	RECESSED WALL MOUNT - APPROX. 1.5FT AFF	36	
<u>S1</u>	LED FLOOD LUMINAIRE, 7" LONG, 2-1/4" DIAMETER, MEDIUM 23° DISTRIBUTION, ALUMINUM HOUSING, TEMPERED GLASS SOFT FOCUS LENS, HONEYCOMB BAFFLE, KNUCKLE MOUNTING SYSTEM, INTEGRAL 0-10V DIMMING DRIVER WITH REMOTE TRANSFORMER, ADJUSTABLE POWER PIPE ACCESSORY, 406...	BK LIGHTING	DS-LED-E65-MFL-A9-(FINISH)-12-11-A-360SL ACCESSORY: PP-J18-TRE20-(FINISH)-B-SF	LED 3000K	7	1	ELECTRONIC 0-10V DIMMING DRIVER WITH REMOTE XFMR	UNV	STAKE MOUNTED	72	
<u>S2</u>	LED FLOOD LUMINAIRE, 10" LONG, 3" DIAMETER, SPOT 20° DISTRIBUTION, ALUMINUM HOUSING, HONEYCOMB BAFFLE, KNUCKLE MOUNTING SYSTEM, INTEGRAL 0-10V DIMMING DRIVER, POWER PIPE ACCESSORY, 1508 DELIVERED LUMENS.	BK LIGHTING	DE-LED-TR-X123-SP-(FINISH)-12-11-A-ELV-120 ACCESSORY: PP-J18-(FINISH)-B-SF	LED 3000K	21	1	ELECTRONIC LOW VOLTAGE DIMMING DRIVER	UNV	STAKE MOUNTED	3	
<u>V1</u>	LED WET-RATED BOLLARD, NOMINAL 7-15/16" DIA. X 3.5' TALL, DIE-CAST LOW-COPPER AND LOW-IRON ALUMINUM HOUSING, VANDAL AND UV RESISTANT ACRYLIC OPTIC, POLYESTER POWDER COAT FINISH, INTEGRAL 0-10V DIMMING DRIVER, 854 DELIVERED LUMENS....	SELUX	IBL-3.5-2Q90MU-30-(FINISH)-UNV-DM	LED 3000K	14.1	1	ELECTRONIC 0-10V DIMMING DRIVER	UNV	BOLLARD	12	
<u>V1A</u>	LED WET-RATED BOLLARD, NOMINAL 7-15/16" DIA. X 3.5' TALL, DIE-CAST LOW-COPPER AND LOW-IRON ALUMINUM HOUSING, VANDAL AND UV RESISTANT ACRYLIC OPTIC, POLYESTER POWDER COAT FINISH, INTEGRAL 0-10V DIMMING DRIVER, 2101 DELIVERED LUMENS....	SELUX	IBL-3.5-4QS-30-(FINISH)-UNV-DM	LED 3000K	27.2	1	ELECTRONIC 0-10V DIMMING DRIVER	UNV	BOLLARD	9	
<u>Y1</u>	DELETED										

GENERAL NOTES:

- LUMINAIRE FINISHES SHALL BE SELECTED BY THE ARCHITECT.
- ELECTRICAL CONTRACTOR SHALL LOCATE REMOTE POWER SUPPLIES IN FIELD WITH ARCHITECT, USE AS FEW POWER SUPPLIES AS POSSIBLE.
- REMOTE POWER SUPPLIES SHALL BE LOCATED IN NEARBY, ACCESSIBLE, DRY, VENTILATED LOCATION, MINIMIZE DISTANCE AND PROVIDE WIRE SIZE AS REQUIRE BY MANUFACTURER REQUIREMENTS.
- SUBSTITUTIONS OF EQUAL ITEMS MUST BE APPROVED BY PLANNING BOARD STAFF. SUBSTITUTIONS ARE AUTHORIZED IF A MORE ENERGY EFFICIENT MODEL BECOMES AVAILABLE.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY JOINERS, HANGERS, TRANSFORMERS, AND OTHER ACCESSORIES FOR A COMPLETELY FUNCTIONING SYSTEM.

DRAWING INDEX

Sheet Number	Sheet Name
EG.1	ELECTRICAL GENERAL NOTES
EG.2	MODEL LIGHTING ORDINANCE COMPLIANCE
ELO.1	ELECTRICAL SITE LIGHTING PLAN
ELO.2	ELECTRICAL SITE LIGHTING PHOTOMETRIC PLAN

LUMINAIRES

- EXTERIOR LUMINAIRE - POLE MOUNTED
- EXTERIOR LUMINAIRE - WALL MOUNTED
- ◀ EXTERIOR DIRECTIONAL FLOOD LUMINAIRE
- EXTERIOR BOLLARD
- CATENARY LUMINAIRE
- SURFACE MOUNTED FACADE LIGHTING
- RECESSED STEPLIGHT

AMENDMENT SUMMARY
 #81995045H

1. INSTALL ENTRANCE CANOPY FROM THE NEW GARAGE TO BUILDING A ENTRANCE
2. ADJUST TREE LOCATION IN NEW PLAZA TO ACCOMMODATE CANOPY
3. REVISE ROW OF FOUNDATION PLANTINGS TO ACCOMMODATE CANOPY

CERTIFIED SITE PLAN 81995045G

DEVELOPER'S CERTIFICATE

The Undersigned agrees to execute all the features of the Site Plan Approval No. 81995045G, including Approval Conditions, Development Program and Certified Site Plan.

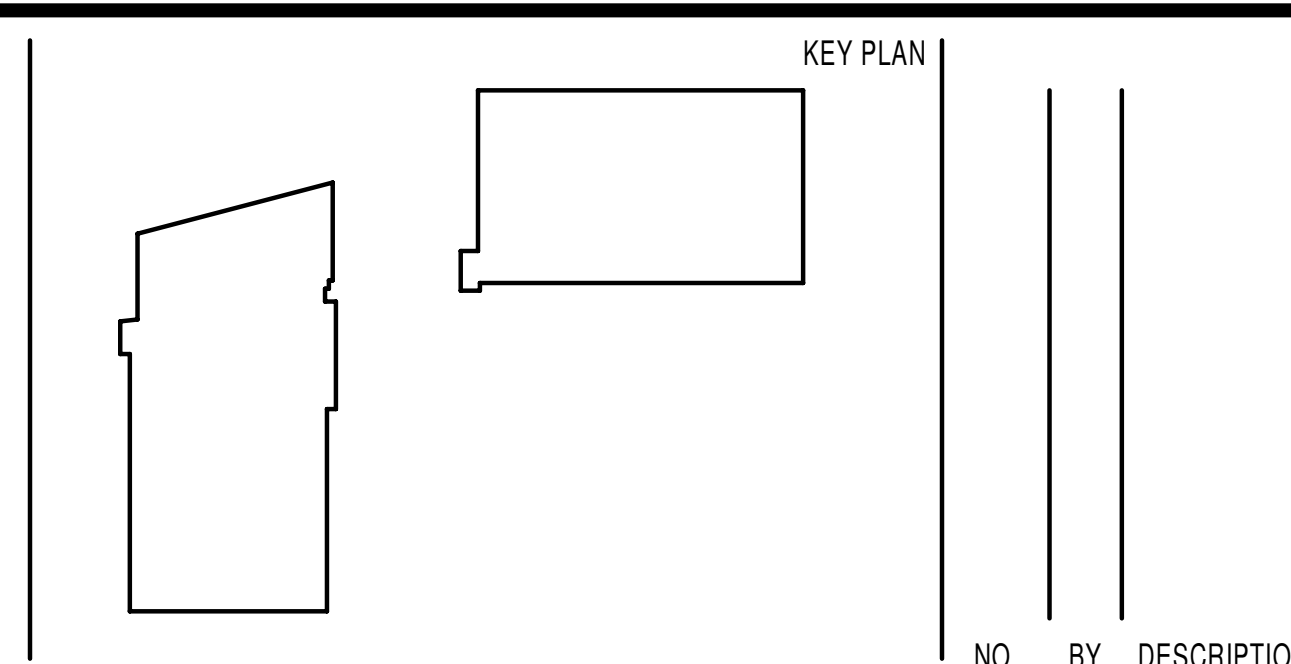
Developer's Name: ARE-Maryland No.24.LLC William DePippo Company Contact Person

Address: 946 Clopper Road, Gaithersburg, MD 20878

Phone: 301-847-1770

Signature: *William DePippo*

7/22/2021 11:27:00 AM BIM 360://20200550-ARE-5000.MXD - Bldg E and Parking Deck/20200550_L20_CENTRAL.rvt



REVISIONS

NO.	BY	DESCRIPTION	DATE

CIVIL SITE ENGINEERS:
 SOLTEC ENGINEERING
 2 Riverchase Plaza, Suite 100
 Rockville, MD 20850
 Phone: 301-988-2700

LAND PLANNERS & LANDSCAPE ARCHITECTS:
 MDC
 482 South Lakes Alley
 Columbus, OH 43219
 Phone: 614-621-2796

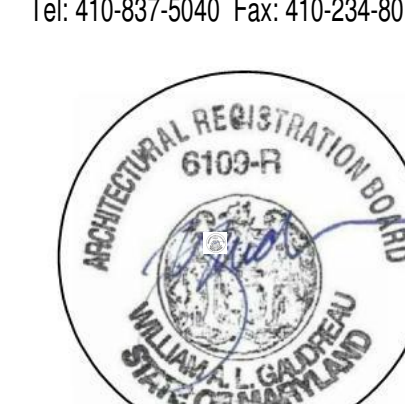
STRUCTURAL ENGINEERS:
 FACENT ASSOCIATES, INC.
 810 Light Street
 Baltimore, MD 21202
 Phone: 410-782-1699

MERIP ENGINEERS:
 JENNIFER ENGINEERING, INC.
 8833 D Miller Road
 Nottingham, MD 21236
 Phone: 410-670-1300

SUSTAINABILITY CONSULTANTS:
 LORAX PARTNERSHIPS, LLC
 1020 Light Street
 Baltimore, MD 21202
 Phone: 410-449-9319

810 Light Street
 Baltimore, MD 21202-3970
 Tel: 410-637-5040 Fax: 410-234-8010

PRINCIPAL
 WILLIAM A.L. GAUDREAU
 PROJECT MANAGER
 RICH WILLIAMS



EWING COLE

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PROJECT NO. Project Number SCALE

DRAWING NAME ELECTRICAL GENERAL NOTES

ALEXANDRIA REAL ESTATE EQUITIES

9800 MEDICAL CENTER DRIVE,
 BUILDING E & PARKING DECK

ROCKVILL, MD 20850

DRAWN BY JB DATE 07/07/2021

FLOOR/SECTION PHASE DRAWING NO.

EG.1