

FIXTURE TYPE 'X4' POLE BASE DETAIL NO SCALE

MARK	FI)	TURE DESCR	IPTION			T	LA	MPS			TVDICAL
MANN	ILLUM	TYPE	DIFFUSER	REMARKS	VOLT	MOUNTING	QTY	LUMENS	WATTS	MANUFACTURER	TYPICAL LOCATION
Α	L.E.D.	2'x4'	FROSTED ACRYLIC		277	GRID	1	4400	38	METALUX #24AC-LD5-44-UNV-L835-CD1	CORRIDOR
A1	L.E.D.	2'x4'	FROSTED ACRYLIC	1% DIMMING	277	GRID	1	4400	38	METALUX	THEATER
В	L.E.D.	2'x2'	FROSTED		277	GRID	1	3400	30	#24AC-LD5-44-UNV-L830-HCD1 METALUX	CORRIDOR
С	L.E.D.	DOWN		6" APERTURE,	277	RECESSED	1	2000	21	#22AC-LD5-34-UNV-L835-CD1 PORTFOLIO #LD6B-20	
C1	L,E,D.	DOWN	1	MEDIUM DISTRIBUTION 6" APERTURE,	277	RECESSED	1	3000	28	D010/EU6B-1020-80-35-6LB-M-O-H PORTFOLIO #LD6B-30	
C2	L.E.D.	LIGHT		WIDE DISTRIBUTION 6" APERTURE,	277					D010/EU6B-3050-80-35-6LB-W-O-H PORTFOLIO #LD6B-30	
		LIGHT	CLEAR OPAL	NARROW DISTRIBUTION		RECESSED	1	3000	28	D010/EU6B-3050-80-35-6LB-N-O-H METALUX	LOBBY 179
D	LE.D.	4' UNEAR	ACRYLIC ACRYLIC	6' LENGTH, UP/DOWN LIGHT	277	SURFACE	1	2000	22	#4BCLED-LD4-F-UNV-L835-CD-1 NEORAY	UTILITY
Ē	L.E.D.	PENDANT		0-10 V DIMMING, WHITE FINISH	277	SUSPEND	2	@ 4200	94	#901DIP-2L35-FD06-04-12DD-STD-MW	CONFEREN
F	LE.D.	CHAND.			277	SUSPEND	12	@ 1000	120	SELECTION BY OWNER	LOBBY
G	L.E.D.	PENDANT		INTEGRAL GOOD	277	SUSPEND	1	1000	10	SELECTION BY OWNER	BEAUTY SHO
Н	L.E.D.	4' LONG	CLEAR LENS	INTEGRAL OCCUPANCY SENSOR	277	SURFACE WALL/CEILING	1	4000	40	METALUX SWLED- LD440SLLC-UNV-L835-SD1-SVPD2	STAIR TOW
J	L.E.D.	COVE UGHT	FROSTED LENS	PROVIDE CONFIGURATION AND LENGTH AS INDICATED ON PLANS	277	SURFACE		256 PER L.F.	5 PER L.F.	ACCLAIM LIGHTING #ACE-1 4/2 0-A-D-H SERIES	DINING
κ	L.E.D.	CHAND,			277	SURFACE	1	5000	50	SELECTION BY OWNER	DINING
L	L.E.D.	PENDANT			277	SUSPEND	1	1200	12	SELECTION BY OWNER	BAR
М	L.E.D.	2'x4'	ACRYLIC PRISMATIC	TROFFER	277	RECESSED	1	4200	30	METALUX	STORAGE
M1	L.E.D.	2'x4'	ACRYLIC PRISMATIC	TROFFER	277	RECESSED	1	3000	22	#24GR-LD542F1-UNV-L835-CD1 METALUX	JANITOR
N	LE.D.	4' LONG	RIBBED	GASKETED, VAPORTIGHT	120	SURFACE	1	4100	34	#24GR-LD530F1-UNV-L835-CD1 MOBERN	ELEVATOR P
P	L.E.D.	8' LINEAR	DIFFUSE	********	277	SURFACE	$\overline{}$	10,000	81	LITHONIA	STORAGE
P1	L.E.D.	8' LINEAR		INTEGRAL OCCUPANCY SENSOR	277	SURFACE	1	10,000		#TZL1D-L96-10000LM-FST-277-35K- LITHONIA #TZL1D-	STORAGE
$\overline{\mathbf{v}}$	LE.D.	SCONCE	LENS	(DIMS TO 10% OUTPUT)	120	SURFACE	حبِّب	14.5	حبتُ	L96-10000LM-FST-277-35K-80CRI- PROGRESS LIGHTING	
$\cong$	<b>~~~</b>		GDASSY	NOTUGED	~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<del>~</del>	$\sim$	<u>~~~</u>	#PV693-09EbWb	CORRIDOR
لي			AHØRIZA	NOT USED  PROVIDE ROBBER PERIMETER		PACENCE				PROGRASS	PESIPENTUN
U2	LE.D.	STEP LIGHT DOWN		GASKETING TO MINIMIZE LIGHT	120	WALL	1	100		#P6827-0930K	NEAR
U3	L.E.D.	LIGHT		WET LOCATION LISTED  MATTE WHITE FINISH	120	RECESSED	1		13	PROGRESS #P8061	RESIDENT SHOWERS
		WALL		BRUSHED NICKEL FINISH	~1 <sup>20</sup> ~	SURFACE	~ <del>~</del> ~	NOTE 3	~~ <sup>10</sup> ~~	PROGRESS	RESIDENT
JH.	VE.D~	<b>YIGM</b>	VGDX55V								
	↓ED~			NOT USED							
	L.E.D.	CEILING LIGHT		NOT USED	120	SURFACE	<u> </u>	2350	30	19-WR-30-R	A.L. UNITS
JI4~	~~~	-CEIKING \	ACRYLIC OPAL		120	SURFACE SURFACE	1	2350	30	19-WR-30-R METALUX #FM-	
U4 U6	L.E.D.	LIGHT CEILING LIGHT UNDER	ACRYLIC OPAL ACRYLIC FROSTED	19" (MARKETER)					21	19-WR-30-R METALUX #FM- 15-WR-30-R HALO	A.L. UNITS
U6 U7	L.E.D.	CEILING  LIGHT  CEILING  LIGHT	ACRYLIC OPAL ACRYLIC FROSTED LENS	19" DIAMETER	120	SURFACE	1	1600	21 8 15 250	19-WR-30-R METALUX #FM- 15-WR-30-R HALO #HU10-18-D930-P-HU109 BROAN	A.L. UNITS  A.L.  KITCHENETT  A.L. BATHROO

### **INTERIOR LIGHTING NOTES:**

- 1. ALL LAMPS AND L.E.D. FIXTURES SHALL BE 80 COLOR RENDERING INDEX MINIMUM, AND 3500 KELVIN TEMPERATURE RATING (PUBLIC AREAS) OR 3000 KELVIN (RESIDENT UNITS), OR AS SELECTED BY THE ARCHITECT. CONTRACTOR SHALL SUBMIT LAMP TYPE INFORMATION WITH THE LIGHTING SHOP DRAWING SUBMITTAL.
- 2. ALL LED FIXTURES SHALL BE CAPABLE OF DIMMING OPERATION. COORDINATE DIMMER SWITCH, WIRING, AND ALL DIMMING REQUIREMENTS WITH FIXTURE MANUFACTURER.
- PROVIDE DIMMER SWITCH AND ALL WIRING, OUTLET BOXES, ETCETERA, AS NECESSARY FOR COMPLETE DIMMING OPERATION.
- 3. PROVIDE REPLACEMENT TYPE LED LAMPS WITH MEDIUM SCREW-IN BASE. 4. PROVIDE ONE REPLACEMENT TYPE BR40 LED LAMP WITH MEDIUM SCREW-IN BASE, AND ONE 250 WATT BR40 INFRA-RED BULB:
- 5. RECESSED LIGHT FIXTURE HOUSING THAT IS IN CONTACT WITH INSULATION SHALL BE IC RATED.
- 6. CONTRACTOR TO PROVIDE UNIVERSAL 120/277 VOLT LIGHTING BALLAST AND L.E.D. DRIVERS WHERE POSSIBLE. PROVIDE LE.D. TAPE LIGHT IN LENGTHS AS REQUIRED. LE.D. TAPE LIGHT SHALL BE MOUNTED IN AN ALUMINUM MOUNTING CHANNEL. PROVIDE MOUNTING CLIPS, HARDWIRE POWER
- SUPPLIES AND ACCESSORIES, LINEAR CONNECTORS, AND CONTROLLERS AS REQUIRED FOR FULL OPERATION AND COMPLETE INSTALLATION AS RECOMMENDED BY THE MANUFACTURER. REFER TO ARCHITECTURAL PLANS, DETAILS, ELEVATIONS, AND SECTIONS FOR MOUNTING AND TYPICAL LOCATION OF L.E.D. TAPE LIGHT.
- 8. FIXTURE TYPE 'U9', PROVIDE ONE SWITCH TO CONTROLLIGHT, SEPARATE SWITCH TO CONTROL FAN, AND TIMER SWITCH TO CONTROL HEAT LAMP.

# **GENERAL FIXTURE NOTES:**

- 1. FIXTURE MARK IN TYPICAL FOR ALL FIXTURES OF THE SAME SYMBOL TYPE WITHIN THE SAME ROOM OR AREA U.N.O.
- 2. FIXTURE CATALOG # ESTABLISHES THE MANUFACTURER'S SERIES # COMPLETE CATALOG # SHALL BE DETERMINED BY THE SCHEDULE DESCRIPTION, PLAN NOTES AND THE SPECIFICATIONS.

	EMERGENCY LIGHTING FIXTURE SCHEDULE											
MARK	DESIG.	FIXTURE DESCRIPTION			DEAMARKS	VOLT	************	LAMPS			TYPICAL	
INIMUM	(NOTE 4)	ILLUM	TYPE	SOURCE	REMARKS		MOUNTING	QTY	TYPE	MANUFACTURER	LOCATION	
	EX1	LED	EXIT	INTEGRAL	HIGH IMPACT WHITE THERMO PLASTIC	277	UNIVERSAL	-	FURNISHED		EXITS	
37				BATTERY	HOUSING, SINGLE FACE				W/ UNIT			
	EX2	2 LED	EXIT	INTEGRAL	HIGH IMPACT WHITE THERMO PLASTIC	277	UNIVERSAL	-	FURNISHED		E./	
	LAL			BATTERY	HOUSING, DOUBLE FACE	2//	UNIVERSAL		W/ UNIT	-	EXITS	
**	EX3	LED/	EXIT	INTEGRAL	HIGH IMPACT WHITE THERMO PLASTIC	277	HAUVEDCAL	-	FURNISHED			
-	באט	HALOGEN		BATTERY	HOUSING, SINGLE FACE UNIVERSAL MOUNT		UNIVERSAL		W/UNIT		EXITS	
Q /	EB1	HALOGEN	EMERGENCY	INTEGRAL	TWIN HEAD, NO REMOTE, LEAD CALCIUM	277	MATALL		FURNISHED			
				BATTERY	BATTERY	277 WALL	2	W/UNIT		2		

# EMERGENCY LIGHTING NOTES:

- . EXIT SIGNS SHALL HAVE DIRECTIONAL ARROWS AS INDICATED ON THE PLANS.
- VERIFY COLOR AND CONFIGURATION OF EXIT SIGN LETTERS WITH LOCAL CODES. EXIST SIGN SHALL NOT EXCEED 5 WATTS PER FACE.
- EXIT SIGNS AND EMERGENCY BATTERY PACKS ARE INDICATED BY SYMBOL ON THE PLANS IN LIEU OF LETTER DESIGNATION.
- EXIT SIGNS AND EMERGENCY BATTERY PACKS SHALL BE CONNECTED AHEAD OF LOCAL SWITCH CONTROL. 5. EXIT LIGHTS SHALL BE MOUNTED: (1) ON WALL 6" ABOVE DOOR WHERE POSSIBLE. (2) CEILING MOUNTED (NO HIGHER THAN 9'-0" A.F.FOR). (3) ON WALL TO THE SIDE OF THE DOOR AS HIGH
- AS POSSIBLE, WHERE CEILING IS TOO LOW. EXIT SHALL BE NO MORE THAN 2' HORIZONTALLY FROM THE OPENING. (4) WHEN DEALING WITH HIGH CEILING, I.E. WAREHOUSE, REPAIR BAYS, THE BOTTOM OF THE NEW EGRESS MARKINGS SHALL BE LOCATED AT THE VERTICAL DISTANCE OF NOT MORE THAN 80" ABOVE THE TOP EDGE OF THE EGRESS OPENING INTENDED FOR
- 6. TYPE 'EB1' & 'EBR' EMERGENCY LIGHTING SHALL BE WALL MOUNTED AT 7'-0" A.F.F. or 12" BELOW CEILING WHICHEVER IS GREATER. (UNLESS NOTED OTHERWISE, BUT NOTHIGHER THAN 9'-
- . PROVIDE BATTERY UNIT WITHOUT HEADS WHERE INDICATED ON THE PLANS (REMOTE HEADS ONLY).

				<b>EXTERIOR LIGH</b>	ITING	<b>FIXTUF</b>	RE S	CHEDU	JLE		
MARK	FI)	TURE DESCRIPT	TION	REMARKS	VOLT	MOUNTING	LAMPS		MATTE	MANUEL CELLOCO	TYPICAL
TANK	ILLUM	TYPE	DIFFUSER	NLIVIANNO			QTY	LUMENS	WATTS	MANUFACTURER	LOCATION
X1	L.E.D.	WALL LIGHT		TYPE 2 DISTRIBUTION BRONZE FINISH	277	SURFACE	1	7,561	69	LITHONIA #CSXWLED-30C-700-40K-T2M-277-	EGRESS
X2	Ł.E.D.	UP/DOWN CYLINDER		MATTE WHITE FINISH, MEDIUM DISTR., UP/DOWN LIGHT, WET	277	SURFACE	1	2,600	28	CONTECH #CYL8-4-30K-MVD-UD-X-M-CLR-P	ENTRANCE
Х3	L.E.D.	DOWN LIGHT		6" APERTURE, WIDE DISTRIBUTION	277	RECESSED	1	2,000	21	PORTFOLIO #LD6B-20- D010/EU6B-1020-80-35-6LB-W-O-H	ENTRANCE
X4	L.E.D.	POLE LIGHT		TYPE 2 DISTRIBUTION BRONZE FINISH (NOTE 1)	277	POLE BASE (SEE DETAIL)	1	6,600	75	LITHONIA #MRPLED-42C-530-40-SR2-277-DDBXD	COURTYARD
<b>X</b> 5	LE.D.	WALL LANTERN	CLEAR SEED <b>ED</b>	ANTIQUE BRONZE FINISH	120	SURFACE	1	623	9	PROGRESS #P6078-2030K9	UNIT PATIO

- PROVIDE 12' ROUND ALUMINUM POLE AND STEEL REINFORCED CONCRETE BASE FOR TYPE 'X4' LIGHTS (REFER TO POLE BASE DETAILS FOR ADDITIONAL REQUIREMENTS).
- EXTERIOR SECURITY WALL LIGHT ABOVE EXIT DOOR SHALL BE CENTERED ABOVE DOOR, AT HEIGHT SIMILAR TO EXISTING. EXTERIOR WALL LIGHTS FOR GENERAL LIGHTING SHALL BE COORDINATED WITH THE BUILDING EXTERIOR WALL ELEVATIONS AND APPROVED BY THE ARCHITECT BEFORE ROUGH-IN.

# **GENERAL FIXTURE NOTES:**

- L. FIXTURE MARK IS TYPICAL FOR ALL FIXTURES OF THE SAME SYMBOL TYPE WITHIN THE SAME AREA U.N.O.
- FIXTURE CATALOG # ESTABLISHES THE MANUFACTURER'S SERIES # COMPLETE CATALOG # SHALL BE DETERMINED BY THE SCHEDULE DESCRIPTION, PLAN NOTES AND THE SPECIFICATIONS.

LIGHTING CONTROL SCHEDULE										
MARK	APPLICATION	LOCAL CONTROL	OCCUPANCY SENSOR	NOTES	COMMENTS					
Α	TYPICAL ROOM/ SPACE	MANUAL ON/OFF	DT (PIR/ US)	NOTES 1 THRU 4	SYSTEM TO BE WATTSTOPPER OR APPROVED EQUIVALENT (NOTE 1)					
В	TYPICAL ROOM/ SPACE WITH DAYLIT ZONE	MANUAL ON/ OFF	DT W/ PHOTO-SENSOR	NOTES 1 THRU 5	SYSTEM TO BE WATTSTOPPER OR APPROVED EQUIVALENT (NOTE 1)					
	NOT USED.									
D	GANG RESTROOM	AUTO ON/ OFF	US	NOTES 1, 5, 6 & 7	SYSTEM TO BE WATTSTOPPER OR APPROVED EQUIVALENT (NOTE 1)					
Р	EXTERIOR DUSK ON/ DAWN OFF	AUTO ON/ OFF	N/A	NOTE1&8	PROVIDE EXTERIOR PHOTOCELL					
S	EXTERIOR DUSK ON/ TIME CLOCK OFF	AUTO ON/ OFF	N/A	NOTE1&8	PROVIDE PROGRAMMABLE TIME CLOCK SYSTEM W/ EXTERIOR PHOTOCELL					
Т	TIME CLOCK ON/ TIME CLOCK OFF	AUTO ON/ OFF	N/A	NOTE 1 & 8	PROVIDE PROGRAMMABLE TIME CLOCK SYST					

GENERAL REQUIREMENTS AND SEQUENCE OF OPERATION NOTES:

VISIBILITY IN DARKENED ROOMS).

LIGHTING WIRING SHOWN ON CONTRACT DRAWINGS ARE DIAGRAMTIC FOR ESTABLISHING THE CONTROL ZONE TYPE ONLY. ALL CONTROL SYSTEMS SHALL BE COMPLETE TO INCLUDE ALL REQUIRED DEVICES, RELAYS AND CONTROL WIRING FOR A FULLY FUNCTIONING SYSTEM. ALL DEVICES AND COMPONENTS SHALL BE LOCATED IN ACCESIBLE VENTILATED SPACES. PROVIDE FACTORY DRAWINGS OF THE SPECIFIC PROJECT LIGHTING PLANS TO INCLUDE ALL PROPOSED DEVICES, DETECTORS AND CONTROL WIRING FOR EACH SPACE. SUBMIT FACTORY LIGHTING CONTROL DRAWINGS FOR REVIEW & INCLUDE DATA SHEETS FOR EACH DEVICE TYPE TO INCLUDE DETECTION PATTERNS.

OCCUPANCY CONTROL SYSTEMS SHALL BE WATTSTOPPER OR APPROVED EQUIVALENT. ALL INTERIOR COMMERCIAL SPACES SHALL BE PROVIDED WITH LOCAL OCCUPANCY SENSOR CONTROLS IN ACCORDANCE WITH THE LATEST IECC AND LOCAL JURISDICTIONAL REQUIREMENTS. SYSTEM SHALL CONSIST OF TYPE AND QUANTITY OF SENSORS AS REQUIRED BY THE MANUFACTURER FOR THE RANGE OF COVERAGE REQUIRED FOR THE SPECIFIC SPACE CONFIGURATION AND TO PREVENT FALSE TRIPPING. SYSTEM SHALL BE MANUAL ON WITH AUTOMATIC OFF WITHIN 30 MINUTES OF THE LAST MOTION DETECTION. ROOMS WITH MULTIPLE SWITCH CONTROLZONES SHALL HAVE COMMON OCCUPANCY SENSOR CONTROLS. (ALL SWITCHES PROVIDED MUST BE BACKLIT FOR

ALL INTERIOR SPACES SHALL HAVE LOCAL MANUAL ON/ MANUAL OFF CONTROLS, SWITCHES IN OCCUPANCY SENSOR CONTROLLED SPACES SHALL BE LOW VOLTAGE TYPE AND COMPATABLE WITH THE OCCUPANCY SENSOR CONTROL SYSTEM. WHEN THE MANUAL SWITCH IS IN THE OFF POSITION THE OCCUPANCY SENSOR SHALL BE BYPASSED TO MAINTIAN LIGHTS OFF UNTIL MANUALLY TURNED ON. WHEN THE MANUAL SWITCH IS IN THE ON POSITION THE OCCUPANCY SENSOR SHALL ACTIVATE FOR MOTION DETECTION TO TURN LIGHTS ON IMMEDIATELY. THE LIGHTS SHALL TURN OFF AUTOMATICALLY WITHIN 30 MINUTES OF LAST MOTION DETECTION AND REMAIN OFF UNTIL MANUALLY TURNED ON TO REPEAT THE SEQUENCE (SEE NOTE 6 & 7 FOR EXCEPTIONS TO MANUAL CONTROLS). SPACES LESS THAN 300 SQUARE FEET MAY UTILIZE INTEGRAL WALL SWITCHES FOR MANUAL ON/ OFF, OCCUPANCY SENSOR AND DAYLIGHT CONTROLS. INTERIOR SPACES INDICTED WITH DIMMING SWITCHES SHALL BE PROVIDED WITH LOW VOLTAGE DIMMING SWITCHES COMPATIBLE WITH THE OCCUPANCY SENSOR SYSTEM. PROVIDE ALL NECESSARY CONTROL WIRING FROM CONTROLLER TO EACH FIXTURE FOR 0-10 VOLT FULL

RANGE DIMMING. CONFERENCE, MEETING ROOMS, CLASSROOMS AND SPACES WHERE INDICATED SHALL INCLUDE FULL RANGE MANUAL INTERIOR SPACES IN DAYLIGHT ZONES WITHIN 15 FOOT OF EXTERIOR GLAZING OR SKYLIGHT SHALL BE PROVIDED WITH PHOTOSENSOR

CONTROLS WITH ADJUSTABLE SENSITIVITY. THE SYSTEM SHALL BE HOLD-OFF TYPE UNLESS REQUIRED OTHERWISE BY THE LOCAL JURISDICTION. SPACES LESS THAN 300SF IN DAYLIT ZONES MAY BE INTEGRAL TO THE WALL SWITCH TO INCLUDE OCCUPANCY SENSOR AND

CORRIDORS AND GANG RESTROOMS DO NOT REQUIRE LOCAL ON/OFF CONTROLS AND WILL BE AUTO ON/OFF CONTROLLED IN COMBINATION WITH NIGHTLIGHTS UNO.

NIGHTLIGHTS AND EMERGENCY BATTERY LIGHTS SHALL BE CONNECTED AHEAD OF LOCAL CONTROLS AND AUTOMATIC CONTROLS FOR 24/7 OPERATION EXCEPT AS OTHERWISE INDICATED ON THE PLANS.

EXTERIOR LIGHTING AND SPECIAL EQUIPMENT (WHERE APPLICABLE) WILL REQUIRE PROGRAMMABLE TIME CLOCK CONTROL (365 DAY CALENDAR WITH HOLIDAY AND LEAP YEAR FUNCTIONS). PROVIDE PHOTOSENSOR INPUT DUSK ON/DAWN OFF CONTROL WHERE INDICATED. SPECIAL EQUIPMENT SUCH AS DOMESTIC HOT WATER RECIRC PUMPS SHALL BE TIME CLOCK ON/ OFF CONTROLLED COORDINATED WITH BUILDING OCCUPANCY (UNLESS BUILDING IS OCCUPIED 24/7). SYSTEM SHALL BE COMPLETE TO INCLUDE RELAYS/CONTACTORS FOR COMMON CIRCUIT CONTROL. SYSTEM SHALL BE CAPABLE OF INTEGRATION WITH THE BUILDING ATC SYSTEM WHERE APPLICABLE, PROVIDE 120 VOLT POWER FOR TIME. CLOCK AND RELAY/ CONTACTOR CONTROL POWER. PROVIDE COMPLETE SHOP DRAWING OF SYSTEM COMPONENTS AND WIRING DIAGRAMS.

DS - DIMMER SWITCH FOR MANUAL ON/OFF CONTROL AND FULL RANGE 0-10 VOLT DIMMING (SEE SYMBOL LIST FOR TYPE) DT - DUAL TECHNOLOGY (PIR/US)

PIR - PASSIVE INFRARED MOTION DETECTION US - ULTRASOUND MOTION DETECTION

TC -TIME CLOCK

WP - WEATHERPROOFWS

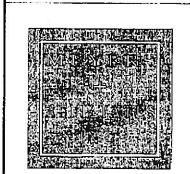
WS - WALL SWITCH FOR MANUAL LOCAL ON/OFF CONTROL (SEE SYMBOL LIST FOR TYE) UNO - UNLESS NOTED OTHERWISE

SYMBOL LEGEND

- CONTROL SYSTEM TYPE (SEE SCHEDULE)

> - SUBSCRIPT INDICATES NUMBER OF ZONES/RELAY POLES (1 POLE IF BLANK)

PERMIT COMMENTS ADDENDUM 1/2



Professional Certification I certify that these documents were prepared or approved by me, and that I am duly licensed Professional Engineer under the laws of the State of Maryland, license number 22792, expiration date August

04, 2020."

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MEP Consulting Engineers since

ELECTRICAL SCHEDULES

Dec. 06, 2019 As Noted

**ADDENDUM #2 12/06/2019**