

PANEL NOTES:										PANEL DP1											
										3P-60A MCB		BREAKER INTERRUPT RATING: FULLY RATED				3 Ø - 4 WIRE - 277/480 VOLT DEMAND AMPS: 10				60 AMP BUS	
CONDUIT SIZE	WIRE SIZE	SERVING	KVA ADJ.	KVA CD	KVA CD	CKT BKR	CKT NO	LOAD TYPE													
3/4"	2#10	COURTROOM A	0.54			1P-20	1	C													
I	I	COURTROOM B		0.54		I	2	C													
I	I	COURTROOM C			0.54	I	3	C													
I	I	COURTROOM D	0.54			I	4	C													
I	I	COURTROOM A		0.40		I	5	C													
I	I	COURTROOM B			0.40	I	6	C													
I	I	COURTROOM C	0.40			I	7	C													
I	I	COURTROOM D		0.40		I	8	C													
V	V	STAIR 1			3.06	V	9	C													
			CONNECTED KVA				125%				DEMAND (KVA)										
			6.82								8.52										
CONTINUOUS LOADS (C)																FED FROM:		AØ = 1.5 KVA			
																H2LWA		BØ = 1.3 KVA			
																		CØ = 4 KVA			
																		DP1 TOTAL 6.8 KVA			
																TOTAL CONNECTED = 7 KVA					
																TOTAL DEMAND = 9 KVA					

PANEL NOTES:						PANEL DP2													
						3P-60A MCB				BREAKER INTERRUPT RATING: FULLY RATED				3 Ø - 4 WIRE - 277/480 VOLT DEMAND AMPS: 9      60 AMP BUS					
														DIMMING ZONE					
CONDUIT SIZE	WIRE SIZE	SERVING	KVA AD ØØ	KVA CO	CKT BKR	CKT NO	LOAD TYPE												
3/4"	2#10	CRTRM A COVE	1.35		1P-20	1	C										ZONE A		
I	I	CRTRM B COVE	1.35		I	2	C										ZONE B		
I	I	CRTRM C COVE		1.38	I	3	C										ZONE C		
I	I	CRTRM D COVE	1.57		I	4	C										ZONE D		
I	I	CRTRM A ENTRY		0.03	I	5	C										ZONE A		
I	I	CRTRM B ENTRY			0.03	I	6	C									ZONE B		
I	I	CRTRM C ENTRY		0.03	I	7	C										ZONE C		
I	I	CRTRM D ENTRY		0.03	I	8	C										ZONE D		
V	V	1ST WINDOW LTS		0.33	V	9	C										ZONE G		
CONNECTED KVA						NEC DEMAND FACTOR						DEMAND (kVA)							
CONTINUOUS LOADS (C)						6.10      125%						7.62							
												FED FROM:							
												H2LWA							
												DP2 TOTAL 6.1 kVA							
												TOTAL CONNECTED = 6 kVA							
												TOTAL DEMAND = 8 kVA							

PANEL NOTES:										PANEL DP3										
										3P-60A MCB		BREAKER INTERRUPT RATING: FULLY RATED				3 Ø - 4 WIRE - 277/480 VOLT DEMAND AMPS: 22      60 AMP BUS				
CONDUIT SIZE	WIRE SIZE	SERVING	KVA ADJ	KVA BD	KVA CD	CKT BKR	CKT NO	LOAD TYPE							DIMMING ZONE					
3/4"	2#10	GALLERIA COVE	2.23			1P-20	~	1	C						ZONE E					
I	I	GALLERIA COVE		4.33		I	~	2	C						ZONE E					
I	I	GALLERIA DL			0.48	I	~	3	C						ZONE E					
I	I	2ND FLR ELV LBY	0.22			I	~	4	C						ZONE E					
I	I	LOBBY COVE			1.14	I	~	5	C						ZONE F					
I	I	LOBBY LIGHTS			2.78	I	~	6	C						ZONE F					
I	I	1ST PUB LOBBY	0.58			I	~	7	C						ZONE G					
I	I	I		0.26		I	~	8	C						ZONE G					
V	V	V			2.30	V	~	9	C						ZONE G					
CONNECTED KVA			14.31	NEC DEMAND FACTOR			125%	DEMAND (kVA)			17.89				FED FROM:	AØ = 3 kVA	BØ = 5.7 kVA	CØ = 5.6 kVA		
CONTINUOUS LOADS (C)																H2LWA	DP3 TOTAL 14.3 kVA			
																TOTAL CONNECTED = 14 kVA				
																TOTAL DEMAND = 18 kVA				

PANEL NOTES:										PANEL EDP1																		
										3P-6A MCB				BREAKER INTERRUPT RATING: FULLY RATED				3 Ø - 4 WIRE - 277/480 VOLT DEMAND AMPS: 5				90 AMP BUS						
CONDUIT SIZE	WIRE SIZE	SERVING	KVA AØ	KVA BØ	KVA CØ	CKT BKR	CKT NO	LOAD TYPE																				
3/4"	2#10	COURTROOM A	0.17			1P-20	( )	1	C																			
I	I	COURTROOM B		0.35		I	( )	2	C																			
I	I	COURTROOM C			0.35	I	( )	3	C																			
I	I	COURTROOM D	0.35			I	( )	4	C																			
I	I	GALLERIA			1.04	I	( )	5	C																			
V	V	LOBBY			1.00	I	( )	6	C																			
		SPARE				I	( )	7																				
		I				I	( )	8																				
		V				V	( )	9																				
			CONNECTED KVA		NEC DEMAND FACTOR		DEMAND (kVA)																					
CONTINUOUS LOADS (C)			3.25		125%		4.06																					
																		FED FROM:		AØ = 0.5 kVA BØ = 1.4 kVA CØ = 1.3 kVA								
																		HE2		EDP1 TOTAL 3.2 kVA								
																				TOTAL CONNECTED = 3 kVA								

PANEL NOTES:										PANEL EDP2									
										3P-6A MCB		BREAKER INTERRUPT RATING: FULLY RATED		3 Ø - 4 WIRE - 277/480 VOLT DEMAND AMPS: 3		Ø AMP BUS			
CONDUIT SIZE	WIRE SIZE	SERVING		KVA AØ	KVA BØ	KVA CØ	CKT BKR	CKT NO	LOAD TYPE										
3/4"	#10	COURTRM A VEST	0.07			1P-20	(	1	C					ZONE A					
I	I	COURTRM B VEST		0.07		I	)	2	C					ZONE B					
I	I	COURTRM C VEST			0.07	I	)	3	C					ZONE C					
I	I	COURTRM D VEST	0.07			I	)	4	C					ZONE D					
I	I	1ST FLR PUB LOBBY		0.26		I	)	5	C					ZONE G					
V	V	STAIR #1			1.31	I	)	6	C					STAIRWELL					
		SPARE				I	)	7											
		I				I	)	8											
		V				V	)	9											
CONTINUOUS LOADS (C)				CONNECTED KVA		NEC DEMAND FACTOR		DEMAND (kVA)				FED FROM:		AØ = 0.1 kVA BØ = 0.3 kVA CØ = 1.4 kVA					
				1.86		125%		2.33				HE2		EDP2 TOTAL: 1.9 kVA					
														TOTAL CONNECTED = 2 kVA					

**SINGLE SENSOR, ONE ZONE OF CONTROL, TWO VOLTAGES EXAMPLE**

DETAIL NOTES




**TWO SENSORS, TWO ZONES OF CONTROL, EXAMPLE**













**SINGLE SENSOR EXAMPLE**

**TWO SENSORS, ONE ZONE OF CONTROL, EXAMPLE**

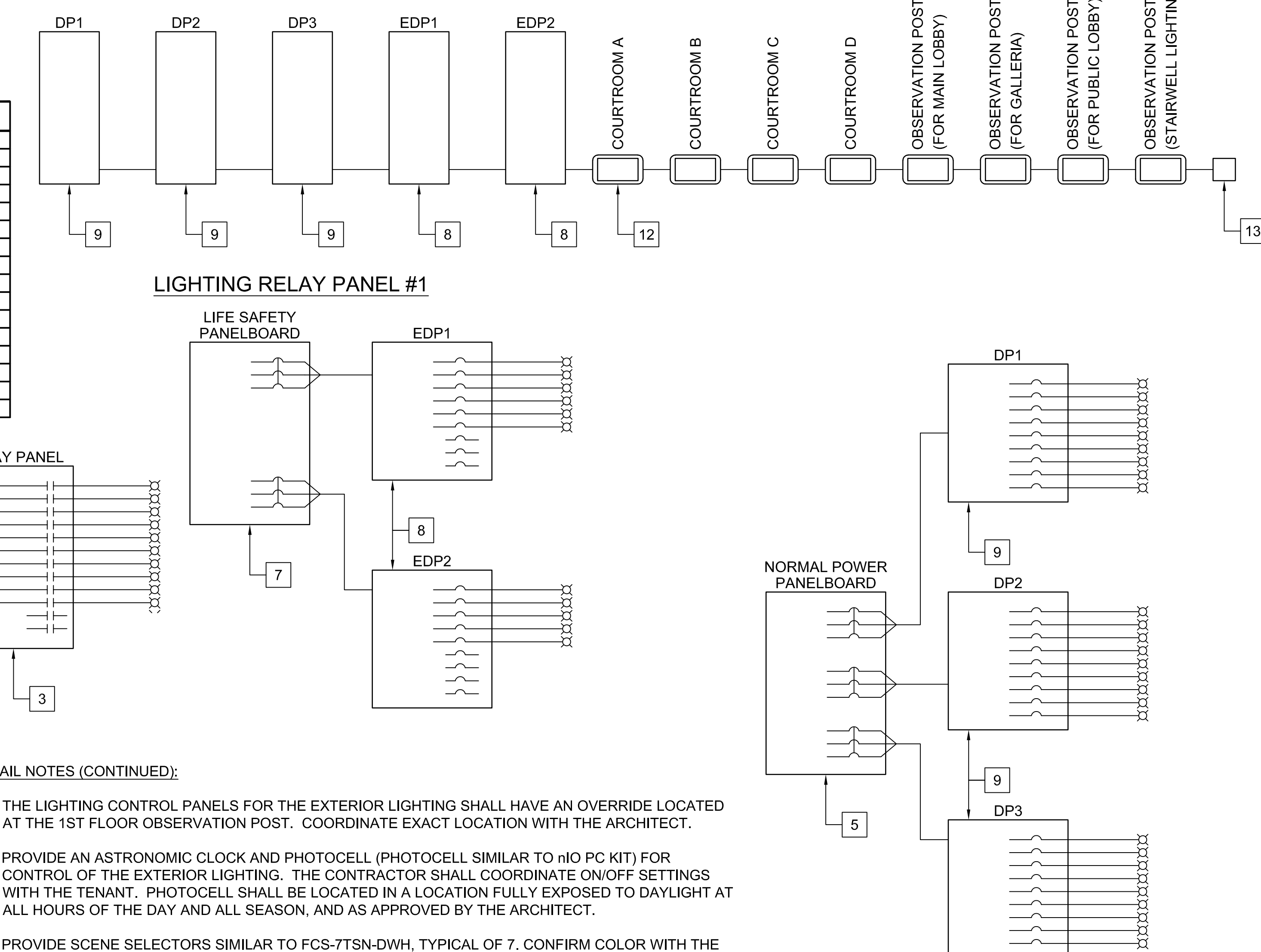
- CONTRACTOR SHALL REFER TO THE ELECTRICAL SYMBOLS LEGEND AND THE SPECIFICATIONS IN SECTIONS 26 27 28 AND 26 36 23 FOR PRODUCT INFORMATION. DEVICE TYPES WILL VARY DEPENDING ON ROOM TYPE.
- LINE VOLTAGE CONTROL DEVICES WILL TYPICALLY NOT REQUIRE A POWER PACK OR CONTROLLER. LOW VOLTAGE DEVICES WILL TYPICALLY REQUIRE A POWER PACK OR CONTROLLER. THE POWER PACK/CONTROLLER WILL NOT BE INDICATED ON THE PLANS UNLESS REQUIRED FOR CLARITY. REFER TO THE SPECIFICATIONS TO IDENTIFY WHEN POWER PACK/CONTROLLERS ARE REQUIRED.
- IN ROOMS OR AREAS HAVING MORE THAN ONE OCCUPANCY SENSOR ZONE, A LOWER CASE SUBSCRIPT SHALL DESIGNATE OCCUPANCY SENSORS/POWER PACKS/ZONES TIED TOGETHER, WHERE NO LOWER CASE SUBSCRIPT IS PROVIDED, IT SHALL BE ASSUMED ALL OCCUPANCY SENSORS IN THAT ROOM OR AREA OPERATE TOGETHER.
- ROOMS HAVING LIGHT FIXTURES WITH DIFFERENT VOLTAGES (120V AND 277V) SHALL BE PROVIDED WITH OCCUPANCY SENSORS FOR ZONING AS NECESSARY. ALL POWER PACKS TAGGED WITH A LOWER CASE SUBSCRIPT MATCHING A LOWER CASE SUBSCRIPT OF THE OCCUPANCY SENSOR(S) SHALL OPERATE TOGETHER. PROVIDE LOW VOLTAGE RELAYS AS NECESSARY TO FACILITATE OPERATION.

## 04 – CEILING MOUNTED OCCUPANCY SENSOR C

03 - FRONT OF HOUSE LIGHTING FIXTURE SCHEDULE										
SYMBOL	MARK	MANUFACTURER	CATALOG NUMBER	MOUNTING	LAMPS		VOLTS	REMARKS		
					NO.	WATTS			TYPE	
FRONT OF HOUSE INTERIOR FIXTURES										
		A	FOCAL POINT PERFLISS	F78-26-LF-3500L-30K-1C-UNV-LD1-G-WHM ARM-20X2-8-ROTOR-35K-300M-DIMK-2T-CJH4	RECESSED	1	33	LED 3500K	10/27/27	FIXTURE SHALL HAVE 0-10V DIMMING CAPABILITIES.
		AE	FOCAL POINT PERFLISS	F78-26-LF-3500L-30K-1C-UNV-LD1-AE-WHM ARM-20X2-8-ROTOR-35K-300M-DIMK-2T-CJH4	RECESSED	1	33	LED 3500K	10/27/27	FIXTURE SHALL HAVE 0-10V DIMMING CAPABILITIES.
		B	FOCAL POINT GOTHAM	F78-26-LF-3500L-30K-1C-UNV-LD1-WHM FTEL-26X2-8-ROTOR-35K-1C-UNV-LD1-WHM GO230AD5-45-4W-FL-277 RUSA-56E-100X5-WH-WAC-3-VA	RECESSED	1	50	LED 3500K	27/7	INCLUDE BATTERY PACK. PROVIDE UNWATERPROOF FOR FIXTURES LOSS WHEN FIXTURES ARE SWITCHED.
		C	VOISE FOCAL POINT	VOI-21-26-LENGTH4-AE-2-A-28-35-AL-AL F34M185-DOFL-1250D-1005P-35K-UNV-LD1 FINEITE	SUSPENDED	LF	26.5LF	LED 3500K	27/7	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS.
		C1	VOISE FOCAL POINT	VOI-21-26-LENGTH4-AE-2-A-28-35-AL-AL F34M185-DOFL-1250D-1005P-35K-UNV-LD1 FINEITE	RECESSED	LF	6.8LF	LED 3500K	27/7	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS.
		D	FOCAL POINT MARK	HP-4-E-8-S-DO-SO-3500-TO-BG-277-A-SC F34M185-DOFL-1250D-1250P-35K-UNV-LD1-WHM SLED-8PT-ASLS-8-ROTOR-35K-1000M-ROTOR-HDX 41000-MF-ARV-WTTE-108K-CP-2T	SUSPENDED	LF	7.3LF	LED 3500K	27/7	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS.
		DE	FOCAL POINT MARK	HP-4-E-8-S-DO-SO-3500-TO-BG-277-A-SC F34M185-DOFL-1250D-1250P-35K-UNV-LD1-ROTOR-HDX 41000-MF-ARV-WTTE-108K-CP-2T	SUSPENDED	LF	7.3LF	LED 3500K	27/7	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS. PROVIDE BOOMIE LOW PROFILE BACKUP BATTERY.
		E	FOCAL POINT MARK	HP-4-E-8-S-DO-SO-3500-TO-BG-277-A-SC F34M185-DOFL-1250D-1250P-35K-UNV-LD1-WHM SLED-8PT-ASLS-8-ROTOR-35K-1000M-ROTOR-HDX 41000-MF-ARV-WTTE-108K-CP-2T	SUSPENDED	LF	7.3LF	LED 3500K	27/7	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS.
		EE	FOCAL POINT MARK	HP-4-E-8-S-DO-SO-3500-TO-BG-277-A-SC F34M185-DOFL-1250D-1250P-35K-UNV-LD1-WHM SLED-8PT-ASLS-8-ROTOR-35K-1000M-ROTOR-HDX 41000-MF-ARV-WTTE-108K-CP-2T	SUSPENDED	LF	7.3LF	LED 3500K	27/7	4' SECTIONS WHERE NOTED ON THE PLANS. PROVIDE BOOMIE LOW PROFILE BACKUP BATTERY.
		F	GOETHAM USAI	EVO-50-30-4-4W-AR-MVOL-1-EZ10 EVO-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE UNV-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE	RECESSED	1	36.9	LED 3500K	10/27/27	
		FE	GOETHAM LITHIANA	EVO-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE UNV-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE EVO-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE	RECESSED	1	36.9	LED 3500K	10/27/27	INCLUDE LED EMERGENCY BATTERY. PACK OPTION. PROVIDE INSTALLED NOT FOR POWER LOSS SENSE WHEN FIXTURES ARE SWITCHED.
		G	LITHIANA LITHIANA	MA2-30K-3-3K-30-3-5-WH-WAC-UNV-ONE UNV-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE UNV-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE	UNDERCABINET	LF	10LF	LED 3500K	10/27/27	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS.
		H	VOISE LITHIANA	VOI-21-26-LENGTH4-AE-2-A-28-35-AL-AL UNV-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE	TASK	LF	6.7LF	LED 3500K	120	PLUG-IN TASK LIGHT, NOT INDICATED ON ELECTRICAL PLANS. REFER TO ARCHITECTURE SHEET 4-A FOR LOCATIONS AND QUANTITIES.
		I	VOIKS-ITE FINEITE	TANUDED-FL-LENGTH3-35K-35K-HDC-2-277 HP-2-E-8-S-3-3K-30-3-5-WH-WAC-UNV-ONE EVO-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE	SUSPENDED	LF	16LF	LED 3500K	27/7	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS. PROVIDE 27V DIMMABLE DRIVER.
		J	GOETHAM RENNAL	EVO-50-30-3-3K-30-3-5-WH-WAC-UNV-ONE MOUL-PT-50-35K-M-CSS-1-ROTOR-DV-DM	RECESSED	1	18.5	LED 3500K	10/27/27	SHOWER FIXTURE; WET LISTED.
		K	KENNALL KENNALL	RMDA-4-MP-6L-30K-GCC-DV-EL VRLT-L48-5000M-MVOL-2E-2-A-28-35-AL-AL	RECESSED	1	74	LED 3500K	10/27/27	FIXTURE SHALL HAVE 0-10V DIMMING CAPABILITIES. INCLUDE LED EMERGENCY BATTERY PACK OPTION.
	L & L1	VOISE FINEITE	VOI-21-26-LENGTH4-AE-2-A-28-35-AL-AL S11-L48-48-8-DO-SO-889P FTEL-26X2-8-ROTOR-35K-1C-UNV-LD1-WHM	SURFACE	LF	13.5LF	LED 3500K	10/27/27	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS. L1 TO BE USED WITH ARMSTRONG ANODIZED TRIM. L1 TO BE USED WITH ARMSTRONG ANODIZED TRIM.	
	M	FOCAL POINT N	FNRP-CUSTOM-FL-50-CUSTOM-400-35K-1C-UNV-LD1-FL-CVW-WHM	SURFACE	LF	9LF	LED 3500K	10/27/27		
	N	BESA 190-PLD-LT-LED-BK		PENDANT	1	7	LED 27/7	10/27/27	PROVIDE 27V-12V DRIVER.	
	O	PROJECT LIGHT, INC. PROJECT LIGHT, INC		SURFACE	1	12	LED 3500K	120	CONTRACTOR TO PROVIDE PL 4PM 300K 110V LUMEN LED REPLACEMENT LAMP.	
	P	MARK ARCHITECTURAL FINEITE	SL6-LCOP-LENGTH4-P-35K-277-7CZ1 HP-2-E-8-S-3-3K-30-3-5-WH-WAC-UNV-ONE	RECESSED	LF	8LF	LED 3500K	27/7	PROVIDE LENGTHS AS INDICATED ON THE FLOORPLANS. PROVIDE 0-10V DIMMING DRIVER.	
	Q1	YDL 184700	F5M6-SR67FL-35K-1C-UNV-LD1	CABLE			305W	LED 3500K	10/27/27	CUSTOM-10' DRAIN LIGHTING ASSEMBLY - MULTI SECTIONED-CEILING CANOPY HANGING 20" x 24" x 11" QTY(10) 27/2 3" 34T ACrylic CULINDER - NORMAL L48 6M QTY(10) 27/2 3" 34T ACrylic CULINDER - NORMAL L36 6M QTY(10) 27/2 3" 34T ACrylic CULINDER


01 - BACK OF HOUSE LIGHTING FIXTURE SCHEDULE												
SYMBOL	MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	MOUNTING	LAMPS		VOLTS	REMARKS			
						NO.	TRAITS			TYPE		
BACK-OF-HOUSE INTERIOR FEATURES												
	BA	LED STRIP	LITHONIA	ZL1N4L4-3000LM-ST-277-35K-80CR-WH	SURFACE	1	33	LED	277			
	BAE	LED STRIP	LITHONIA	ZL1N4L4-3000LM-ST-277-35K-80CR-WH-WF	SURFACE	1	33	LED	277	INCLUDE LED EMERGENCY BATTERY PACK OPTION, PROVIDE UNSWITCHED HOT FOR POWER LOSS SENSE WHEN FIXTURES ARE SWITCHED.		
	BB	LED STRIP (WITH WIREGUARD)	LITHONIA	ZL1N4L4-3000LM-ST-277-35K-80CR-WH-WG28	SURFACE	1	33	LED	277	PROVIDE WIREGUARD.		
	BBE	LED STRIP (WITH WIREGUARD)	LITHONIA	ZL1N4L4-3000LM-ST-277-35K-80CR-WH-WF-WG28	SURFACE	1	33	LED	277	PROVIDE WIREGUARD, INCLUDE LED EMERGENCY BATTERY PACK OPTION, PROVIDE UNSWITCHED HOT FOR POWER LOSS SENSE WHEN FIXTURES ARE SWITCHED.		
	BC	STARWIRL LIGHT (WITH BATTERY PACK)	LITHONIA	WL4L4L-EZFL-IP65-M507-05MS-EL4L	SURFACE	1	30x5	LED	3000K	120V	277	INCLUDE LED EMERGENCY BATTERY PACK OPTION, MOUNT AT APPROXIMATELY 1 FT ABOVE LANSING, INCLUDE INTEGRAL OCC SENSOR TO DIM TO 50%.
	BD	ELEVATOR PIT LIGHTS	LITHONIA	FEML4L-0500LM-M4P-120-35K-80CR-RS22	SURFACE	1	45	LED	120	120	120	USE WHEN LISTED, INCLUDE LED EMERGENCY BATTERY PACK OPTION, UNSWITCHED HOT FOR POWER LOSS SENSE WHEN FIXTURES ARE SWITCHED.
	BE	GARAGE LIGHT	KEMAL	PCPK-V2-60K-T8R-W40C-1-5-IRM1R1	SURFACE	1	50	LED	120/277			PROVIDE INTEGRAL OCCUPANCY SENSOR, WET LISTED FOR GARAGE.
	BEA	GARAGE LIGHT	LITHONIA	V0PG-V4-P34-80CR0R-TSR-M40C-1-3RM4PRH1	SURFACE	1	50	LED	120/277			PROVIDE INTEGRAL OCCUPANCY SENSOR, WET LISTED FOR GARAGE, INCLUDE LED EMERGENCY BATTERY PACK.
	X1	EDGE-EXIT SIGN	LITHONIA	V0PG-V4-P34-80CR0R-TSR-M40C-1-3RM4PRH1	WALL/CEILING/END	2	LED	120	120	277		PROVIDE SINGLE OR DUAL FACE WITH DIRECTIONAL ARROWS AS REQUIRED. PROVIDE BATTERY BALLAST.
	X2	DIE CAST EXIT SIGN	LITHONIA	EL-E-21-24-EL-N	WALL/CEILING/END	-	2	LED	120	120	277	PROVIDE SINGLE OR DUAL FACE WITH DIRECTIONAL ARROWS AS REQUIRED. PROVIDE BATTERY BALLAST.
	X3	DETENTION AREA EXIT SIGN	LITHONIA	LV-S-21-24-12027-EL-N	WALL/CEILING/END	-	1.2	LED	120	120	277	PROVIDE SINGLE OR DUAL FACE WITH DIRECTIONAL ARROWS AS REQUIRED. COORDINATE MOUNTING WITH PLUMBING. PROVIDE BATTERY BALLAST.
EXTERIOR FEATURES												
	BF	EXTERIOR LIGHTS	LITHONIA	THW1-LED-12-50K-WH-1DOB	WALL MOUNT	1	30	LED	120	120	277	MOUNTED AT APPROX. 10'-2" A.F.F.
	WP	WEATHERPROOF EXIT SIGN	LITHONIA	THW1-LED-100-100-50K-TSM-VOLTD-1DOB	WALL/CEILING/END	-	1.2	LED	120	120	277	PROVIDE SINGLE OR DUAL FACE WITH DIRECTIONAL ARROWS AS REQUIRED. COORDINATE MOUNTING WITH PLUMBING. PROVIDE BATTERY BALLAST.

THE CONTRACTOR SHALL PROVIDE AN EM BALLAST FOR ALL FIXTURES EXCEPT FOR AN EMERGENCY-EGRESS LIGHT CIRCUIT. AN EXTRA WIRE SHALL BE PROVIDED TO ALLOW FOR FIXTURES TO BE SWITCHED OFF WHEN NORMAL POWER IS AVAILABLE.

[illegible]


DETAIL NOTES (CONTINUED):

10. THE LIGHTING CONTROL PANELS FOR THE EXTERIOR LIGHTING SHALL HAVE AN OVERRIDE LOCATED AT THE 1ST FLOOR OBSERVATION POST. COORDINATE EXACT LOCATION WITH THE ARCHITECT.
11. PROVIDE AN ASTRONOMIC CLOCK AND PHOTOCELL (PHOTOCELL SIMILAR TO NO PC KIT) FOR CONTROL OF THE EXTERIOR LIGHTING. THE CONTRACTOR SHALL COORDINATE ON/OFF SETTINGS WITH THE TENANT. PHOTOCELL SHALL BE LOCATED IN A LOCATION FULLY EXPOSED TO DAYLIGHT AT ALL HOURS OF THE DAY AND ALL SEASON, AND AS APPROVED BY THE ARCHITECT.
12. PROVIDE SCENE SELECTORS SIMILAR TO FCS-77SN-DWH. TYPICAL OF 7. CONFIRM COLOR WITH THE ARCHITECT. EACH SCENE SELECTOR SHALL BE POWERED BY A POWER PACK SIMILAR TO FCS PS10.
13. PROVIDE AN AV INTERFACE DEVICE SIMILAR TO NO X KIT WITH RS-232 AND RS-485 OUTPUTS TO INTERFACE WITH THE ANY SPECIFIED AV SYSTEM.
14. OCCUPANCY SENSORS SHALL BE TIED TO THE DIMMING CONTROL SYSTEM IN EACH OF THE SEVEN SEPARATE AREAS (FOUR COURTROOMS, MAIN LOBBY, PUBLIC LOBBY, AND GALLERIA). OCCUPANCY SENSORS SHALL BE DESIGNATED WITH UPPERCASE LETTERS TO INDICATE THEIR ASSOCIATED ZONE A: COURTROOM A; B: COURTROOM B; C: COURTROOM C; D: COURTROOM D; E: GALLERIA; F: MAIN LOBBY, AND G: PUBLIC LOBBY.
15. OCCUPANCY SENSORS LOCATED IN THE COURTROOMS SHALL BE MOUNTED AT 18" ABOVE THE FINISHED FLOOR; THE SENSORS SHALL BE "HIGH MOUNTING" TYPE AND CAPABLE OF PROVIDING FULL COVERAGE OF EACH COURTROOM. THE CONTRACTOR SHALL COORDINATE THE EXACT QUANTITY OF DEVICES REQUIRED PER COURTROOM FOR FULL INTENDED COVERAGE REGARDLESS OF THE QUANTITY INDICATED ON THE PLANS.
16. OCCUPANCY SENSORS LOCATED IN THE MAIN LOBBY SHALL BE MOUNTED AT 28" ABOVE THE FINISHED FLOOR; THE SENSORS SHALL BE "HIGH MOUNTING" TYPE AND CAPABLE OF PROVIDING FULL COVERAGE OF THE MAIN LOBBY. THE CONTRACTOR SHALL COORDINATE THE EXACT QUANTITY OF DEVICES REQUIRED FOR FULL INTENDED COVERAGE REGARDLESS OF THE QUANTITY INDICATED ON THE PLANS.
17. THE CONTRACTOR SHALL PROVIDE ON/OFF PROGRAMMING OF THE TIME/CLOCK CONTROLLED ZONES MEETING THE NEEDS OF THE OWNER/TENANT, HOWEVER THE HOURS SHALL ADHERE TO THE EQUIPMENT(S) OF LEED S89 OFF BETWEEN 11 PM THRU 5 AM, UNLESS OVERRIDDEN) FOR ANY ZONES THAT ARE ADJACENT TO PENETRATION.

 **Dewberry**

Dewberry Architects, Inc.  
8401 Arlington Blvd.  
Fairfax, VA 22031  
703.849.0100 Phone

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 **ELLINWOOD + MACHADO**

Ellinwood + Machado, LLC  
4245 North Fairfax Drive, Suite 850  
Arlington, VA 22203  
703-835-9989

Loudoun County Phase III Expansion - New Courthouse

2 Church Street

LOUDOUN COUNTY

2 Church Street

2 Church Street  
Leesburg, VA 20177

SEA

SEA

## KEY PLAN

SCA

SCALE: AS NOTED

[illegible]

## REVISIONS

DRAWN BY WKR

APPROVED BY BJB

CHECKED BY \_\_\_\_\_ SPB

DATE APRIL 08, 2019

TITL

## ELECTRICAL DETAILS

PROJECT NO. 5006291

E-001

SHEET NO.