

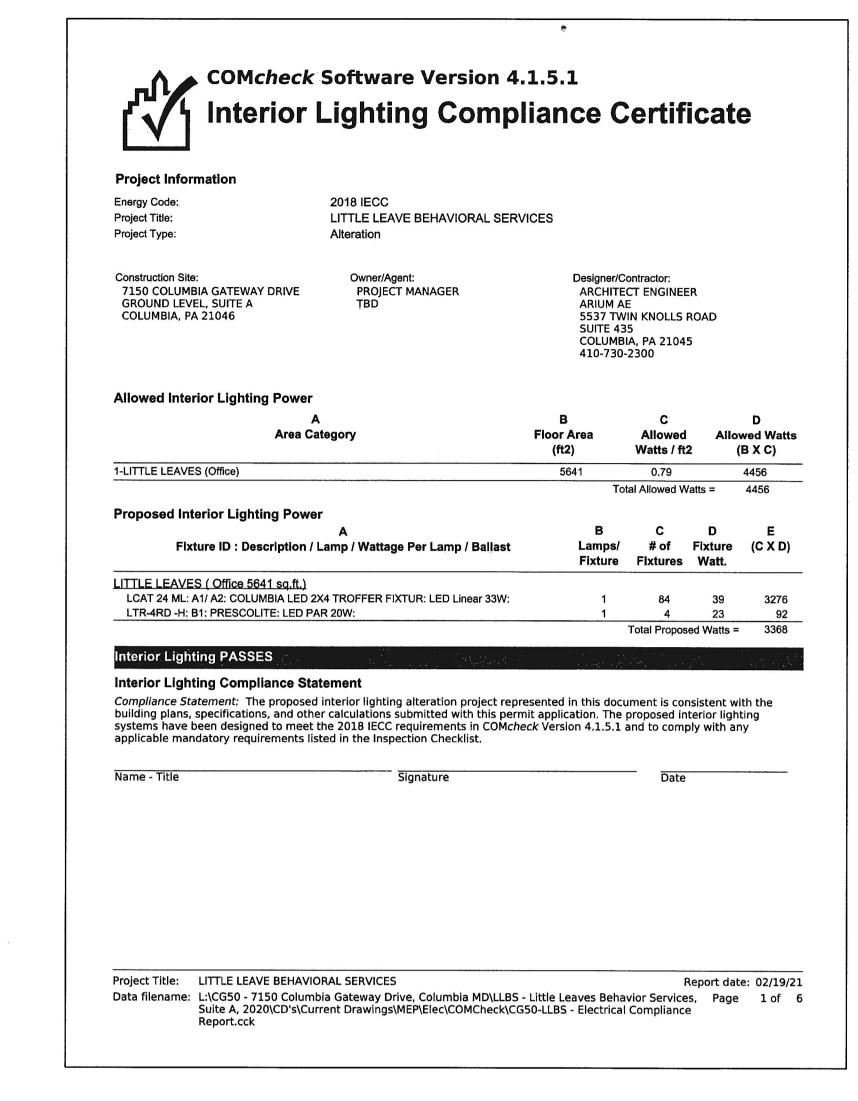
COPPER FEEDER SCHEDULE									
FEEDER	CONDUCTOR	S PER SET	CONDUIT						
TAG	PHASE/NEUTRAL	GROUND	SIZE	SETS					
125.4	(4) #1	#6	1.5"	1					
125.3	(3) #1	#6	1.5"	1					
100.4	(4) #2	#8	1.5"	1					
100.3	(3) #2	#8	1.5"						
70.4	(4) #4	#8	1.25"	1					
70.3	(3) #4	#8	1.25"	1 1 1					
60.4	(4) #6	#10	1"						
60.3	(3) #6	#10	1"						
50.4	(4) #6	#10	1"	1					
50.3	(3) #6	#10	.75"	1					
25.4	(4) #10	#10	.75"	1					
25.3	(3) #10	#10	.75"	1					

PARTIAL POWER RISER DIAGRAM - EXISTING

NOT TO SCALE

							EX.	PAN	EL P1					···		
LOAD		LOAD - WATTS			CIRCUIT BREAKER		СКТ	PHASIN	IG CKT	CIRCUIT BREAKER		LOAD - WATTS			LOAD	
DESCRIPTION	TYPE	ΦА	ΦВ	ФС	AMP	POLE	NO	3Ф	NO	POLE	AMP	ΦА	ΦВ	ФС	TYPE	DESCRIPTION
SUITE LIGHTING	L	1684			20	1	1	Α	2	1	20	1080			R	AREAS 114/ 115
SUITE LIGHTING	L		1684		20	1	3	В	4	1	20 ⁻		1000		R	WTR FOUNTAINS 115
REC. WAITING RM 100	R			1080	20	1	5	С	6	1	20			1080	R	MEETING RM. 118/ 119
EF-1 & EF-2	M	270			20	1	7	Α	8	1	20	900			R	CORRIDOR REC. 120
OFFICE RM. 102/103	R		1080		20	1	9	В	10	1	20		540		R	CORRIDOR REC. 120
THERAPY RM. 104	R			900	20	1	11	С	12	1	20			720	R	QUITE RM - 121
THERAPY REC. 105/106	R	1080			20	1	13	Α	14	1	20	1000			R	PRINTER 122
THERAPY REC. 106/107	R		1080		20	1	15	В	16	1	20		1080		R	THERAPY REC. 123
THERAPY REC. 108/109	R			1080	20	1	17	С	18	1	20			720	R	THERAPY REC. 123
THERAPY REC. 109	R	1080			20	1	19	Α	20	1	20	1000			R	WATER COOLER
OPEN THERAPY RM. 110	R		720		20	1	21	В	22	1	20		360		R	GFI REC. 124
DED. REC. IT RM. 111	R			180	20	1	23	С	24	1	20			800	М	GARBAGE DISP.
DED. REC. IT RM. 111	R	180			20	1	25	Α	26	1	20	1000			R	REFRIGERATOR
THERAPY RM. 112	R		720		20	1	27	В	28	2	20		1500		М	EWH-1
BREAK AREA RM. 113	R			720	20	1	29	С	30	2	20			1500		EAA U-1
BREAK AREA RM. 113	R	360			20	1	31	Α	32	1	20					SPARE
LOAD SUMMARY		CONNECTED LOAD		%	DEN	DEMAND L				PANEL SPECIFICATIONS						
		ΦА	ΦВ	ФС		ΦА	ΦВ	ФС Р	ANEL:	P1 (EX.)				LOCA	TION:	CHANGING AREA 114
LIGHTING 1684 168		1684	0	100	1684	1684	0 V	/OLTAGE: 208Y/120V, 3PH, 4W								
RECEPTACLES		7680	6580	6480		5123	5123	5123 B	USS SIZE	100A				MCB:	MLO	
MOTOR & MISC		270	1500	2300	90	243	1350	2070 L	UGS:	100A				Al.C.:	10K	
KITCHEN 0		0	0		0	0	0 F	EEDER:	EX. (4) #2	+ #8 GROU	ND IN 1-	-1/2" C	ONDUI	Γ		
SUBTOTAL 9634 9764 8780				7050	8157	7193 F	ED FROM:	FROM: EX. 3-POLE CB IN EX. PANEL P								
SPARE								NOTES:								
TOTAL 9634 9764 8780				8780		7050	8157	7193								
TOTAL CONNECTED LOA)	78.2	A		TOTAL DEI	WAND LOAD		62.1 A								

	LIGHTING FIXTURE SCHEDULE									
SYM. MFGR.	CATALOG NO.	CKT.	LAMPS			MOUNTING	DEMARKS.			
OTW.	Wil Ort.		VOLTS	NO.	TYPE	WATTS	WOONTING	REMARKS		
A1	COLUMBIA LIGHTING	LCAT-24-35-ML-G-ED-U	120	1	LED 5000 LUMENS	39	RECESSED CEILING	2' X 4' LED CONTEMPORARY ARCHITECTURAL TROFFER 3500K CT, 80 CRI, RECTANGULAR SHIELDING; DELIVERED LUMENS 5091; 0-10V DIMMING DRIVER		
A2	COLUMBIA LIGHTING	LCAT-24-35-ML-G-ED-U-ELL14	120	1	LED 5000 LUMENS	39	RECESSED CEILING	2' X 4' LED CONTEMPORARY ARCHITECTURAL TROFFER 3500K CT, 80 CRI, RECTANGULAR SHIELDING 0; DELIVERED LUMENS 5091; 10V DIMMING DRIVER; WITH EMERGENCY BATTERY PACK BACK UP PRODUCES 1400 LUMENS		
B1	PRESCOLITE	HOUSING: LTR-4RD-H-ML-20L-DM1 TRIM: LTR-4RD-T-ML-35K-WD-SS-WC-WT	120	1	LED 2000 LUMENS	23	SUSPENDED CEILING	4" DIA. OPEN APERTURE LED DOWNLIGHT; 3500K COLOR TEMPERATURE; WHITE TRIM RING; SEMI-SPECULAR REFLECTOR WITH CLEAR ALZAK FINISH; 0-10V DIMMING DRIVER.		
⊗	SURE-LITES	LPX7-G	120	-	N/A	-	SURFACE WALL/CEILING	LED EXIT SIGN; GREEN LETTERING WITH WHITE THERMOPLASTIC HOUSING; INTEGRAL LEAD CALCIUM BATTERY. CONTRACTOR SHALL MATCH BUILDING STANDARD.		

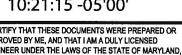


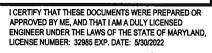
LIGHT FIXTURE SCHEDULE NOTES:

- 1. MANUFACTURER AND MODEL NUMBERS ARE LISTED FOR REFERENCE ONLY AND ARE PROVIDED AS A BASIS OF DESIGN. CONTRACTOR SHALL COMPETITIVELY BID ALL LIGHTING FIXTURES PER THE REQUIREMENTS SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE. ALL LED FIXTURES SHALL BE PROVIDED AND BID WITH 0-10V LED DIMMING DRIVERS ONLY, NOT FIXED OUTPUT OR STEPPED DIMMING.
- 2. MODEL NUMBERS LISTED ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY CORRECT MODEL NUMBER WITH MANUFACTURER AND/OR DISTRIBUTOR PRIOR TO ORDERING.
- 3. CONTRACTOR SHALL CONFIRM VOLTAGE, LAMPING, BALLAST CHARACTERISTICS, FIXTURE DETAILS, INSTALLATION TYPE, FINISHES, ETC. WITH SPECIFICATIONS DEFINED IN LIGHTING FIXTURE SCHEDULE PRIOR TO ORDERING AND INSTALLATION. CONTRACTOR SHALL EXAMINE EXISTING CONDITIONS PRIOR TO ORDERING OF LIGHTING FIXTURES TO ENSURE THAT SPECIFIED LIGHTING FIXTURES ARE FULLY COMPLIANT WITH EXISTING CONDITIONS. IF ANY MODIFICATIONS TO SPECIFICATIONS ARE REQUIRED, CONTRACTOR SHALL NOTIFY ENGINEER OF EXISTING CONDITIONS AND SUBMIT MODIFIED LIGHTING FIXTURE SELECTION THAT SHALL MEET OR EXCEED REQUIREMENTS.
- 4. WHERE LIGHTING FIXTURE SCHEDULE INDICATES FOR CONTRACTOR TO MATCH BUILDING STANDARD, CONTRACTOR SHALL MATCH BUILDING STANDARD AS LONG AS EXISTING FIXTURES ARE LIKE-TYPE FIXTURES.
- 5. PROVIDE ADEQUATE AMOUNT OF LIGHTING FIXTURES AS REQUIRED TO SPAN ENTIRE LENGTH OF COVE. CONTRACTOR SHALL CONFIRM LENGTH OF COVE AND LENGTH OF COVE LIGHTING FIXTURES IN FIELD PRIOR TO ORDERING.
- 6. FOR EXACT LOCATIONS AND DIMENSIONS FOR INSTALLATION OF LIGHTING FIXTURES, REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, FLOOR PLANS AND ELEVATIONS.
- 7. PROVIDE ACCESS PANELS AS NEEDED FOR MAINTENANCE OF RECESSED LIGHTING FIXTURES WHERE ALL COMPONENTS ARE NOT ACCESSIBLE FROM BELOW.



Gregory Baldwin Date: 2021.03.04 10:21:15 -05'00'





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LICENSES & PERMITS DIVISIÓN

REVIEWED FOR CODE COMPLIANCE Department of Inspections, Licenses and Permits Howard County Date: 04/07/21 By: Don Craumer