



Label	Qty	Catalog Number	Description	Lamp
A	34	LITHONIA 2RTS 28T5 MVOLT GBR/IPS LP839D/GA/24	VOLUMETRIC RECESSED LIGHTING FIXTURE W/WORKWALL GRID ADAPTOR.	TWO 28-WATT T-5 LINEAR FLUORESCENT.
A1	15	LITHONIA 2RTS 28T5 MVOLT GBR/IPS EL329D/GA/24	VOLUMETRIC RECESSED LIGHTING FIXTURE W/WORKWALL GRID ADAPTOR & 90 MIN. BATTERY BACKUP	TWO 28-WATT T-5 LINEAR FLUORESCENT.
B	31	LITHONIA LTRN 1/32TRT FT/CLAR GGL MVOLT WLP EIR	6 INCH HORIZONTAL DOWNLIGHT CLEAR SPECULAR WITH CLEAR FLAT GLASS LENS	ONE 32-WATT TRIPLE TUBE COMPACT FLUORESCENT HORIZONTAL POSITION
B1	9	LITHONIA LTRN 1/32TRT FT/CLAR GGL MVOLT WLP EIR	6 INCH HORIZONTAL DOWNLIGHT CLEAR SPECULAR WITH CLEAR FLAT GLASS LENS	ONE 32-WATT TRIPLE TUBE COMPACT FLUORESCENT HORIZONTAL POSITION
X	16	EVENTLITE SOVEREIGN LED EXIT SIGNS SOV SERIES	LED INCLUDED	

LIGHTING NOTES

- ALL EXIT & EMERGENCY LIGHTS AND BATTERY PACKS W/ FLUORESCENT FIXTURES TO BE WIRED TO EXISTING ELECTRICAL PANELS.
- COORDINATE EXACT LOCATION & MOUNTING HEIGHTS OF EXTERIOR FIXTURES PRIOR TO CONSTRUCTION.
- FIELD VERIFY ALL WORKING CONDITIONS AND REQUIREMENTS BEFORE INSTALLATION AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.

KEY NOTES:

- ① REFER TO LEAD BLUE BOX BY ARCHITECT FOR LIGHTING SCHEDULE COMPANY AND SEE WIRING DETAIL ON THE E301 SHEET.
- ② REFER TO LEAD BLUE BOX BY ARCHITECT FOR LIGHTING SCHEDULE COMPANY AND SEE WIRING DETAIL ON THE E301 SHEET.

LIGHTING CONTROL SYMBOL LEGEND

- Occupancy Sensor Switch
- 3-Way Switch
- 4-Way Switch
- Overnight Switch
- On-Off Switch
- LED & D BLUE BOX - SEE WIRING DETAIL ON E301 SHEET.
- M-D (M-D) - SEE WIRING DETAIL ON E301 SHEET.
- SENSORS WITH COMPACT FLUORESCENT POWER PACK

LIGHTING POWER ALLOWANCE			
PER CHAPTER 13 OF THE FLORIDA BUILDING CODE TABLE 13-4.15.8 SPACE-BY-SPACE METHOD			
FIXTURE TYPE	QUANTITY	WATTS PER FIXTURE	TOTAL WATTS PER TYPE
A & A1	49	56	2,744
B & B1	24	32	768
			TOTAL TENANT WATTS PROVIDED = 3,512
SPACE	TOTAL SPACE SQ. FT.	WATTS/SQ. FT. ALLOWED	TOTAL WATTS FOR SPACE
CLASSROOM E	413	14	5,782
CLASSROOM F	599	9.9	5,938
RESTROOM E & F	72	14	1,008
CLASSROOM A	460	14	6,440
CLASSROOM B	474	14	6,636
RESTROOM B	21	9.9	209
HALL	435	9.5	4,133
RECEPTION	53	12	636
KITCHEN	84	12	1,008
LIBRARY	275	12	3,300
CLASSROOM C	551	14	7,714
RESTROOM C	21	9.9	209
JANITOR CLOSET	4.8	0.8	3.84
OFFICE	89	11	979
RECEPTION	89	12	1,068
CLASSROOM D	626	12	7,512
CLASSROOM D	626	12	7,512
RESTROOM D	34	0.9	306
			TOTAL TENANT WATTS ALLOWED = 57,578

EXTERIOR LIGHTING POWER ALLOWANCE		
LIGHTING POWER DENSITIES FOR BUILDING EXTERIORS TABLE 13-4.15.8.B.2.2		
LABEL	QUANTITY	TOTAL WATTS PER TYPE
B	25	800
		TOTAL TENANT WATTS = 800
TOTAL TENANT AREA = 3542 SQ. FT.		
TOTAL WATTS PER SQ. FT. = 800 W / 3542 SQ. FT. = 0.22 W/SQ. FT.		
ALLOWED LIGHTING POWER DENSITY FOR OVERHANGS = 125 W/SQ. FT.		

ENERGY COMPLIANCE NOTE:
RECORD DRAWINGS OF INSTALLATION AND OPERATION MANUALS ARE TO BE PROVIDED TO THE OWNER AS SPECIFIED IN FLORIDA BUILDING CODE SECTION 3-4.15.1.ARC.2

PERMIT SET: 01/26/12

NOTE: REVISIONS CHANGES TO THE SYSTEM COVERED BY THESE PLANS WITHOUT PRIOR APPROVAL OF THE ENGINEER WHO PREPARED THESE PLANS. WILL NULL AND VOID THESE PLANS AND THE REVISIONS ASSOCIATED WITH RETURNING THE SYSTEM TO ITS ORIGINAL DESIGN WILL BE THE RESPONSIBILITY OF THE COMPANY WHICH APPROVED THESE CHANGES. PERMIT NO. 10 NICKER TERN 08/08/12.

LIGHTING PLAN

SCALE: 1/8" = 1'-0"

FORMICA & ASSOCIATES, Inc. Consulting Engineers

3500 N.W. Boca Raton Blvd. Suite #711 33431 Boca Raton, FL 33491

TEL: (561) 366-4638 FAX: (561) 368-4733

Robert F. Formica, P.E. License #19723 Email: rformica@formicaengineering.com

revisions	no.	date
	0	//

designed: NW/CH/MP/AL
 drawn: BFT
 checked: 07/26/2012
 date: AS NOTED
 scale: 2/3204
 job no. 212004

CLUBHOUSE UNIVERSITY DAYCARE

JUPITER FARMS SHOPPING CENTER
PALM BEACH COUNTY, FLORIDA

project

ARCHITECTURAL
Strandberg, Inc.

Architecture
Planning

300 Avenue of Champions Suite 300 Palm Beach Gardens, Florida 33418
 Phone: 561.202.4990 Fax: 561.296.1494
 andrew@strandberg.com