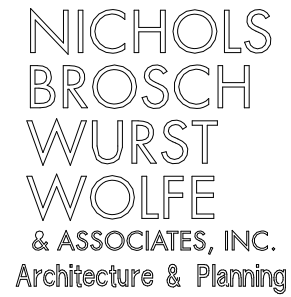


A	B	C	D	E	F	G	H	I																																																																																																														
PRELIMINARY REVIEW SET - NOT FOR CONSTRUCTION																																																																																																																						
GENERAL NOTES 1. THE LIGHTING DESIGNS HAVE BEEN PREPARED IN ACCORDANCE WITH INDUSTRY STANDARDS AND IN SUFFICIENT DETAIL FOR LIGHTING DESIGN DOCUMENTS TO ALLOW A QUALIFIED LICENSED ELECTRICAL ENGINEER TO CREATE AN ELECTRICAL ENGINEERING DOCUMENT. THE LIGHTING PLANS AND ELECTRICAL ENGINEERING DRAWINGS MAY BE USED TO FORM A CONSTRUCTIBLE SET OF DOCUMENTS TO ENABLE A QUALIFIED LICENSED CONTRACTOR TO PROPERLY INSTALL AND IMPLEMENT THE LIGHTING AT THE OWNER'S PROPERTY AS CONTEMPLATED AND IN ACCORDANCE WITH THE LIGHTING DESIGNS. ANY DESIGN ISSUES OR ERRORS NOTED BY O'BRIEN LIGHTING IN THE LIGHTING DESIGN SHALL BE REPORTED PROMPTLY TO THE CLIENT AND ITS ARCHITECT AND/OR ENGINEER. O'BRIEN LIGHTING SHALL USE ITS BEST EFFORTS TO ENSURE THE LIGHTING DESIGN COMPLIES WITH APPLICABLE BUILDING CODES AND TO COORDINATE ITS WORK WITH THE ENGINEER; HOWEVER, O'BRIEN LIGHTING'S REVIEW IS MADE IN ITS CAPACITY AS A SPECIALTY CONTRACTOR AND NOT A LICENSED DESIGN PROFESSIONAL. O'BRIEN LIGHTING IS NOT RESPONSIBLE FOR ASCERTAINING WHETHER THE CONTRACT DOCUMENTS ARE IN ACCORDANCE WITH APPLICABLE LAWS, ORDINANCES, AND BUILDING CODES EXCEPT TO THE EXTENT REQUIRED BY A SPECIALTY CONTRACTOR PERFORMING LIKE OR SIMILAR SERVICES IN MIAMI-DADE COUNTY, FLORIDA. 2. O'BRIEN LIGHTING WARRANTS AND REPRESENTS THAT ALL LIGHTING MATERIALS WHICH ARE TO BE INCORPORATED INTO THE LIGHTING DESIGNS SHALL BE APPROPRIATE MATERIAL TO BE USED ON THE CLIENT'S PROPERTY, AND SHALL BE FIT FOR THE INTENDED USE. 3. THE DRAWINGS, DESIGN AND OTHER WORK PRODUCT FURNISHED BY O'BRIEN LIGHTING PURSUANT TO THIS AGREEMENT REPRESENT VISUAL CONCEPTS AND CONSTRUCTION SUGGESTIONS ONLY. O'BRIEN LIGHTING IS NOT RESPONSIBLE FOR DETERMINING STRUCTURAL ADEQUACY OF THE DESIGN, AND O'BRIEN LIGHTING DOES NOT ASSUME RESPONSIBILITY FOR IMPROPER ENGINEERING. ALL DRAWINGS, DESIGN CONCEPTS, AND MATERIALS FURNISHED PURSUANT TO THIS AGREEMENT REMAIN THE PROPERTY OF O'BRIEN LIGHTING. UPON PAYMENT OF THE RETAINER, O'BRIEN LIGHTING GRANTS THE OWNER A NONEXCLUSIVE LICENSE TO UTILIZE THE DRAWINGS, DESIGN CONCEPTS, AND MATERIALS FURNISHED PURSUANT TO THE LIGHTING DESIGN SERVICES AGREEMENT SOLELY FOR PURPOSES OF CONSTRUCTING, USING AND MAINTAINING THE PROJECT. 4. IT IS NOT THE INTENT OF THE LIGHTING DESIGN DRAWINGS TO SHOW EVERY DETAIL REQUIRED FOR CONSTRUCTION AND THEREFORE MUST BE USED IN CONJUNCTION WITH THE CONSTRUCTION DOCUMENTS TO FORM A COMPLETE PICTURE OF THE SCOPE REQUIRED FOR IMPLEMENTATION. THESE PLANS ARE TO BE USE TOGETHER WITH THE LIGHTING SPECIFICATION DATA BOOKLET, DETAIL SKETCHES, APPLICATION NOTES AND OTHER SIMILAR MATERIALS. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL REVIEWING THESE PLANS TO FAMILIARIZE THEMSELVES WITH THIS SUPPORT MATERIAL. 5. NO ALTERNATES SHALL BE ACCEPTED AND IT IS THE OBLIGATION OF THOSE ACCEPTING THESE PLANS TO CARRY THEM OUT IN FULL AS SPECIFIED. ANY CHANGES TO THE PLANS FOR REQUIRED CODE COMPLIANCE OR OTHER SIMILAR REQUIREMENT SHALL BE MADE BY O'BRIEN LIGHTING, INC. 6. SUBMITTALS SHAL BE PRESENTED TO O'BRIEN LIGHTING AT LEAST 30 DAYS IN ADVANCE OF REQUIRED MATERIAL RELEASE DATE. SUBMITTALS SHALL INCLUDE A FIXTURE SCHEDULE, COMPLETE SPECIFICATION DATA SHEETS ORGANIZED AND MARKED BY FIXTURE TYPE, SHOWING ALL SPECIFIED OPTIONS AND BOUND IN A PLAY LAYING FORMAT. 7. IT IS THE SOLE RESPONSIBILITY OF THE ELECTRICAL ENGINEER TO VERIFY THE ELECTRICAL INTEGRITY OF THESE PLANS, THEIR CONFORMANCE TO ALL CODES HAVING JURISDICTION AND DESIGN AN ELECTRICAL INFRASTRUCTURE TO SUPPORT THE DESIGN INTENT REPRESENTED HEREIN. INSTALLATION NOTES: 1. THE WORK REPRESENTED IN THE PLANS MUST BE CARRIED OUT BY A CERTIFIED ELECTRICAL CONTRACTOR IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND STRICTEST LOCAL, MUNICIPAL, STATE AND FEDERAL LAWS, CODES, ORDINANCES AND GUIDELINES. 2. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THESE PLANS, ASSOCIATED SPECIFICATIONS, DATA SHEETS AND OTHER MATERIALS COMPRISING THE LIGHTING DESIGN PACKAGE 3. RFI(S) SHALL BE SUBMITTED TO O'BRIEN LIGHTING IN WRITTEN FORM WITH A UNIQUE RFI NUMBER, FROM WHOM THE REQUEST WAS ISSUED, DATE OF REQUEST, WHO REQUIRES AN ANSWER, DATE OF REQUIRED RESPONSE, THE IMPACT OR IMPLICATIONS ON CONSTRUCTION AND INCLUDING ANY ACCOMPANYING SKETCHES, DATA SHEETS, OR OTHER SIMILAR ITEMS TO CLARIFY AND FULLY DESCRIBE THE CONDITION. ALL RFI(S) SHALL BE SUBMITTED NO LESS THAN 7 DAYS BEFORE A RESPONSE IS REQUIRED. IF MORE TIME IS REQUIRED FOR O'BRIEN TO RESPOND THAN IS INDICATED ON THE RFI, THE CLIENT SHALL BE NOTIFIED AND PROVIDED AN EXPECTED RESPONSE DATE. 4. CONTRACTOR MUST REFER TO THE CONTRACT DOCUMENTS FOR IMPORTANT INFORMATION REGARDING INSTALLATION OF THE LIGHTING DESIGN REPRESENTED BY THESE PLANS. 5. ALL FIXTURES DELIVERED TO THE JOBSITE SHALL BE STORED ACCORDING TO THE MANUFACTURERS SUGGESTED CRITERIA IN A SECURED AREA WHERE POTENTIAL FOR INCIDENTAL DAMAGE TO MATERIALS PRIOR TO INSTALLATION IS MINIMIZED. 6. ALL LIGHTING FIXTURE HOUSINGS, ELECTRICAL ELEMENTS, TRIMS AND ACCESSORIES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURERS PROVIDED INSTRUCTION SHEETS (ACCOMPANYING EACH FIXTURE) AND ACCORDING TO ALL GOVERNING CODES (SEE 1. ABOVE). FIXTURES SHALL BE FREE OF DUST, DEBRIS OR OTHER ACCUMULATIONS CAUSED BY CONSTRUCTION. ALL REFLECTORS SHALL BE CORRECTLY INSTALLED AND WIPED FREE OF ANY FINGERPRINTS WITH A SCRATCH-FREE CLOTH AFTER COMPLETION OF ALL CONSTRUCTION. 7. CONTRACTOR TO PROVIDE A CREW, LADDERS, LIFTS AND ANY OTHER MATERIEL REASONABLY REQUIRED TO COMPLETE A FINAL AIM AND ADJUST TO BE ORCHESTRATED AT THE SOLE DISCRETION OF THE LIGHTING DESIGNER UPON COMPLETION OF ALL ELEMENTS OF INSTALLATION, PRESENTATION OF A FULLY OPERABLE SYSTEM, COMPLETION OF ALL OTHER CONSTRUCTION AND PRIOR TO OPENING OF THE FACILITY. THE CREW SHALL CONSIST OF AT LEAST ONE FLUENT ENGLISH SPEAKING MEMBER WHO IS CAPABLE OF TRANSLATING FLUENTLY TO OTHER CREW MEMBERS IF NECESSARY. FINAL AIM AND ADJUST SHALL OCCUR AT NIGHT OR IN DARKENED CONDITIONS AND ON CONSECUTIVE DAYS FOR AS MANY DAYS AS REASONABLE REQUIRED AND SHALL BE SCHEDULED WITH SUFFICIENT ADVANCE NOTICE. 8. LIGHTING DESIGNER SHALL BE CONSULTED PRIOR TO ANY CHANGES BEING MADE TO THE LOCATION, SPACING OR POSITIONING OF FIXTURES FROM THOSE REPRESENTED ON PLAN. CONFLICTS SHALL BE RESOLVED VIA THE RFI PROCESS (SEE 3. ABOVE) AND RESOLUTIONS SHALL BE APPROVED BY THE LIGHTING DESIGNER PRIOR TO ANY WORK BEING PERFORMED. 9. NO SUBSTITUTIONS OF MATERIALS OR CONSTRUCTION SHALL BE ACCEPTED AND ANY WORK FOUND TO DEVIATE FROM THE SPECIFICATIONS SHALL BE RE-DONE AT THE SOLE AND EXCLUSIVE EXPENSE OF THE CONTRACTOR. 10. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH LOW VOLTAGE LOADS REQUIRING TRANSFORMERS. CONTRACTOR SHALL LOCATE AND INSTALL TRANSFORMERS. 11. PERMA-POST MOUNTED FIXTURES ARE TO BE MOUNTED SO THAT THE POWER POST REMAINS UN-CUT OR MODIFIED IN ANY WAY AND THAT NO MORE THAT 4" OF POST IS EXPOSED ABOVE PLANTING SOIL AND NO MORE THAN 2" OF EXPOSED POST ABOVE MULCH. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL MOUNTING SCREWS AND TORTIONAL ADJUSTMENT SCREWS OR BOLTS ARE PRESENT UPON COMPLETION OF INSTALLATION.																																																																																																																						
Lighting Sheet List <table> <tr> <th>Current Revision</th><th>Current Revision Date</th><th>Current Revision Description</th><th>Current Revision Issued</th><th>Current Revision Issued By</th><th>Current Revision Issued To</th><th>Set</th><th>Sheet Description</th><th>Sheet Issue Date</th><th>Sheet Name</th><th>Sheet Number</th></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/10/16</td><td>GROUND FLOOR LIGHTING PLAN</td><td>LD-1.01</td></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/10/16</td><td>3RD LEVEL LIGHTING</td><td>LD-1.03</td></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/10/16</td><td>ENLARGED - NORTH</td><td>LD-1.01A</td></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/10/16</td><td>ENLARGED - SOUTH</td><td>LD-1.01B</td></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/10/16</td><td>ENLARGED - NORTH</td><td>LD-1.03A</td></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/10/16</td><td>ENLARGED - SOUTH</td><td>LD-1.03B</td></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/10/16</td><td>INFO SHEET</td><td>LD-0.02</td></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/24/16</td><td>GROUND LEVEL PHOTOMETRIC</td><td>LD-10.01</td></tr> <tr> <td></td><td></td><td>No</td><td></td><td></td><td></td><td>LD</td><td></td><td>02/24/16</td><td>POOL DECK PHOTOMETRIC</td><td>LD-10.02</td></tr> </table>									Current Revision	Current Revision Date	Current Revision Description	Current Revision Issued	Current Revision Issued By	Current Revision Issued To	Set	Sheet Description	Sheet Issue Date	Sheet Name	Sheet Number			No				LD		02/10/16	GROUND FLOOR LIGHTING PLAN	LD-1.01			No				LD		02/10/16	3RD LEVEL LIGHTING	LD-1.03			No				LD		02/10/16	ENLARGED - NORTH	LD-1.01A			No				LD		02/10/16	ENLARGED - SOUTH	LD-1.01B			No				LD		02/10/16	ENLARGED - NORTH	LD-1.03A			No				LD		02/10/16	ENLARGED - SOUTH	LD-1.03B			No				LD		02/10/16	INFO SHEET	LD-0.02			No				LD		02/24/16	GROUND LEVEL PHOTOMETRIC	LD-10.01			No				LD		02/24/16	POOL DECK PHOTOMETRIC	LD-10.02
Current Revision	Current Revision Date	Current Revision Description	Current Revision Issued	Current Revision Issued By	Current Revision Issued To	Set	Sheet Description	Sheet Issue Date	Sheet Name	Sheet Number																																																																																																												
		No				LD		02/10/16	GROUND FLOOR LIGHTING PLAN	LD-1.01																																																																																																												
		No				LD		02/10/16	3RD LEVEL LIGHTING	LD-1.03																																																																																																												
		No				LD		02/10/16	ENLARGED - NORTH	LD-1.01A																																																																																																												
		No				LD		02/10/16	ENLARGED - SOUTH	LD-1.01B																																																																																																												
		No				LD		02/10/16	ENLARGED - NORTH	LD-1.03A																																																																																																												
		No				LD		02/10/16	ENLARGED - SOUTH	LD-1.03B																																																																																																												
		No				LD		02/10/16	INFO SHEET	LD-0.02																																																																																																												
		No				LD		02/24/16	GROUND LEVEL PHOTOMETRIC	LD-10.01																																																																																																												
		No				LD		02/24/16	POOL DECK PHOTOMETRIC	LD-10.02																																																																																																												
SYMBOL LEGEND <table> <tr> <th>SYMBOL</th><th>DESCRIPTION</th><th>REMARKS</th></tr> <tr> <td></td><td>WALL MTD. JUNCTION BOX (TYP. FOR ARTWORK) 7"-6" A.F.F. TYP. UNLESS OTHERWISE NOTED</td><td></td></tr> <tr> <td></td><td>CEILING MTD. JUNCTION BOX FLUSH W/ FURRED CEILING TYP. UNLESS OTHERWISE NOTED</td><td></td></tr> <tr> <td></td><td>FLOOR MTD. JUNCTION BOX FLUSH W/ FINISHED FLOOR TYP. UNLESS OTHERWISE NOTED</td><td></td></tr> <tr> <td></td><td>COMPUTER OUTLET MTD. AS SHOWN</td><td></td></tr> <tr> <td></td><td>TELEPHONE OUTLET WALL MTD. 18" A.F.F.</td><td></td></tr> <tr> <td></td><td>DATA/ PHONE OUTLET WALL MOUNTED MTD.</td><td></td></tr> <tr> <td></td><td>T.V. SIGNAL OUTLET MTD. AS SHOWN</td><td></td></tr> <tr> <td></td><td>QUADRAPLEX RECEPTACLE FLOOR MTD. W/ APPROVED WALKOVER COVER</td><td></td></tr> <tr> <td></td><td>QUADRAPLEX RECEPTACLE 1/2 SWITCHED (ON SYSTEM) FLOOR MTD. W/ APPROVED WALKOVER COVER</td><td></td></tr> <tr> <td></td><td>GFI QUADRAPLEX RECEPTACLE FLOOR MTD. W/ APPROVED WALKOVER COVER</td><td></td></tr> <tr> <td></td><td>GFI QUADRAPLEX RECEPTACLE 1/2 SWITCHED FLOOR MTD. W/ APPROVED WALKOVER COVER</td><td></td></tr> <tr> <td></td><td>DUPLEX RECEPTACLE WALL MTD. @ 18" A.F.F.</td><td></td></tr> <tr> <td></td><td>DECORA ROCKER SWITCH - SINGLE GANG X: 3 = 3-WAY, 4 = 4-WAY, D = DIMMER, I = ILLUMINATED</td><td></td></tr> <tr> <td></td><td>DOOR OPERATED SWITCH</td><td></td></tr> <tr> <td></td><td>LUTRON KEY SWITCH</td><td></td></tr> <tr> <td></td><td>SIMPLEX RECEPTACLE WALL MTD. @ 18" A.F.F.</td><td></td></tr> <tr> <td></td><td>GFI RECEPTACLE MTD. ABOVE COUNTER WALL MTD. @ 42" A.F.F. (OR ABOVE BACKSPASH)</td><td></td></tr> <tr> <td></td></tr></table>	SYMBOL	DESCRIPTION	REMARKS		WALL MTD. JUNCTION BOX (TYP. FOR ARTWORK) 7"-6" A.F.F. TYP. UNLESS OTHERWISE NOTED			CEILING MTD. JUNCTION BOX FLUSH W/ FURRED CEILING TYP. UNLESS OTHERWISE NOTED			FLOOR MTD. JUNCTION BOX FLUSH W/ FINISHED FLOOR TYP. UNLESS OTHERWISE NOTED			COMPUTER OUTLET MTD. AS SHOWN			TELEPHONE OUTLET WALL MTD. 18" A.F.F.			DATA/ PHONE OUTLET WALL MOUNTED MTD.			T.V. SIGNAL OUTLET MTD. AS SHOWN			QUADRAPLEX RECEPTACLE FLOOR MTD. W/ APPROVED WALKOVER COVER			QUADRAPLEX RECEPTACLE 1/2 SWITCHED (ON SYSTEM) FLOOR MTD. W/ APPROVED WALKOVER COVER			GFI QUADRAPLEX RECEPTACLE FLOOR MTD. W/ APPROVED WALKOVER COVER			GFI QUADRAPLEX RECEPTACLE 1/2 SWITCHED FLOOR MTD. W/ APPROVED WALKOVER COVER			DUPLEX RECEPTACLE WALL MTD. @ 18" A.F.F.			DECORA ROCKER SWITCH - SINGLE GANG X: 3 = 3-WAY, 4 = 4-WAY, D = DIMMER, I = ILLUMINATED			DOOR OPERATED SWITCH			LUTRON KEY SWITCH			SIMPLEX RECEPTACLE WALL MTD. @ 18" A.F.F.			GFI RECEPTACLE MTD. ABOVE COUNTER WALL MTD. @ 42" A.F.F. (OR ABOVE BACKSPASH)																																																																	
SYMBOL	DESCRIPTION	REMARKS																																																																																																																				
	WALL MTD. JUNCTION BOX (TYP. FOR ARTWORK) 7"-6" A.F.F. TYP. UNLESS OTHERWISE NOTED																																																																																																																					
	CEILING MTD. JUNCTION BOX FLUSH W/ FURRED CEILING TYP. UNLESS OTHERWISE NOTED																																																																																																																					
	FLOOR MTD. JUNCTION BOX FLUSH W/ FINISHED FLOOR TYP. UNLESS OTHERWISE NOTED																																																																																																																					
	COMPUTER OUTLET MTD. AS SHOWN																																																																																																																					
	TELEPHONE OUTLET WALL MTD. 18" A.F.F.																																																																																																																					
	DATA/ PHONE OUTLET WALL MOUNTED MTD.																																																																																																																					
	T.V. SIGNAL OUTLET MTD. AS SHOWN																																																																																																																					
	QUADRAPLEX RECEPTACLE FLOOR MTD. W/ APPROVED WALKOVER COVER																																																																																																																					
	QUADRAPLEX RECEPTACLE 1/2 SWITCHED (ON SYSTEM) FLOOR MTD. W/ APPROVED WALKOVER COVER																																																																																																																					
	GFI QUADRAPLEX RECEPTACLE FLOOR MTD. W/ APPROVED WALKOVER COVER																																																																																																																					
	GFI QUADRAPLEX RECEPTACLE 1/2 SWITCHED FLOOR MTD. W/ APPROVED WALKOVER COVER																																																																																																																					
	DUPLEX RECEPTACLE WALL MTD. @ 18" A.F.F.																																																																																																																					
	DECORA ROCKER SWITCH - SINGLE GANG X: 3 = 3-WAY, 4 = 4-WAY, D = DIMMER, I = ILLUMINATED																																																																																																																					
	DOOR OPERATED SWITCH																																																																																																																					
	LUTRON KEY SWITCH																																																																																																																					
	SIMPLEX RECEPTACLE WALL MTD. @ 18" A.F.F.																																																																																																																					
	GFI RECEPTACLE MTD. ABOVE COUNTER WALL MTD. @ 42" A.F.F. (OR ABOVE BACKSPASH)																																																																																																																					

SYMBOL LEGEND

SYMBOL	DESCRIPTION	REMARKS
	WALL MTD, JUNCTION BOX (TYP. FOR ARTWORK) 7'-6" A.F.F. TYP. UNLESS OTHERWISE NOTED	
	CEILING MTD, JUNCTION BOX FLUSH W/ FURRED CEILING TYP. UNLESS OTHERWISE NOTED	
	FLOOR MTD, JUNCTION BOX FLUSH W/ FINISHED FLOOR TYP. UNLESS OTHERWISE NOTED	
	COMPUTER OUTLET MTD. AS SHOWN	
	TELEPHONE OUTLET WALL MTD. 18" A.F.F.	
	DATA/ PHONE OUTLET WALL MOUNTED MTD.	
	T.V. SIGNAL OUTLET MTD. AS SHOWN	
	QUADRUPLEX RECEPTACLE FLOOR MTD. W/ APPROVED WALKOVER COVER	
	QUADRUPLEX RECEPTACLE 1/2 SWITCHED (ON SYSTEM) FLOOR MTD. W/ APPROVED WALKOVER COVER	
	GFI QUADRUPLEX RECEPTACLE FLOOR MTD. W/ APPROVED WALKOVER COVER	
	GFI QUADRUPLEX RECEPTACLE 1/2 SWITCHED FLOOR MTD. W/ APPROVED WALKOVER COVER	
	DUPLEX RECEPTACLE WALL MTD. @ 18" A.F.F.	
	DECORA ROCKER SWITCH - SINGLE GANG X: 3 = 3-WAY, 4 = 4-WAY, D = DIMMER, I = ILLUMINATED	
	DOOR OPERATED SWITCH	
	LUTRON KEY SWITCH	
	SIMPLEX RECEPTACLE WALL MTD. @ 18" A.F.F.	
	GFI RECEPTACLE MTD. ABOVE COUNTER WALL MTD. @ 42" A.F.F. (OR ABOVE BACKSPLASH)	
	EXTERIOR GFI RECEPTACLE - COVERED WHILE IN USE STYLE PLATE WALL MTD. @ 18" A.F.F. (OR AS SPECIFIED)	
	DUPLEX RECEPTACLE 1/2 SWITCHED (ON SYSTEM) FLUSH-MTD. IN FURRED CEILING TYP.	
	DUPLEX RECEPTACLE FLUSH-MTD. IN FURRED CEILING TYP.	
	CONTACT CLOSURE INPUT LUTRON CONTACT CLOSURE INPUT READER	
	LIGHTING CONTROL KEYPAD MTD. @ 48" A.F.F. TYP. KPx = KP(# OF BUTTONS), X = STATION #	
	INCOM T-STAT FLUSH-MTD. IN WALL AS SHOWN	



OWNER / DEVELOPER:

CONSULTANT:

 **O'BRIEN LIGHTING, INC.**
1511 BRICKELL AVENUE
15TH FLOOR
MIAMI, FL 33131
(P) 305-774-0416 (F) 305-774-0417
WWW.OBRIENLIGHTING.COM

WASHINGTON AVE

MIAMI BEACH, FL

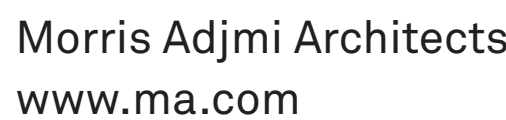
SUBMITTAL HISTORY:
6-12-15

Revisions		
	Description	Date

14040

INFO SHEET

LD-0.02



Washington
Squared LLC

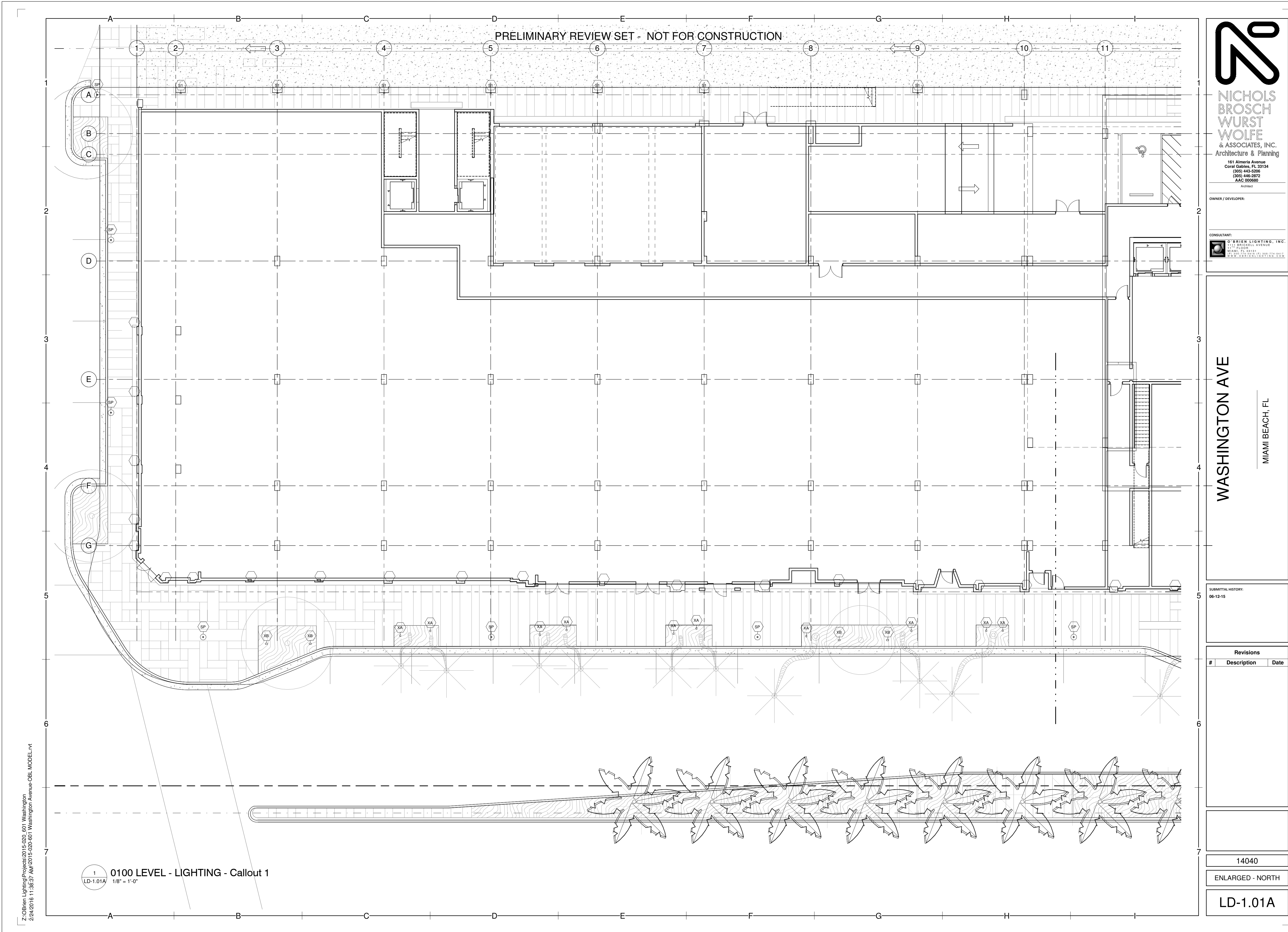
Raymond Jungles
Inc.

Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Historic Preservation Board Final Submittal/ 21 March 2016

LD-0.02



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

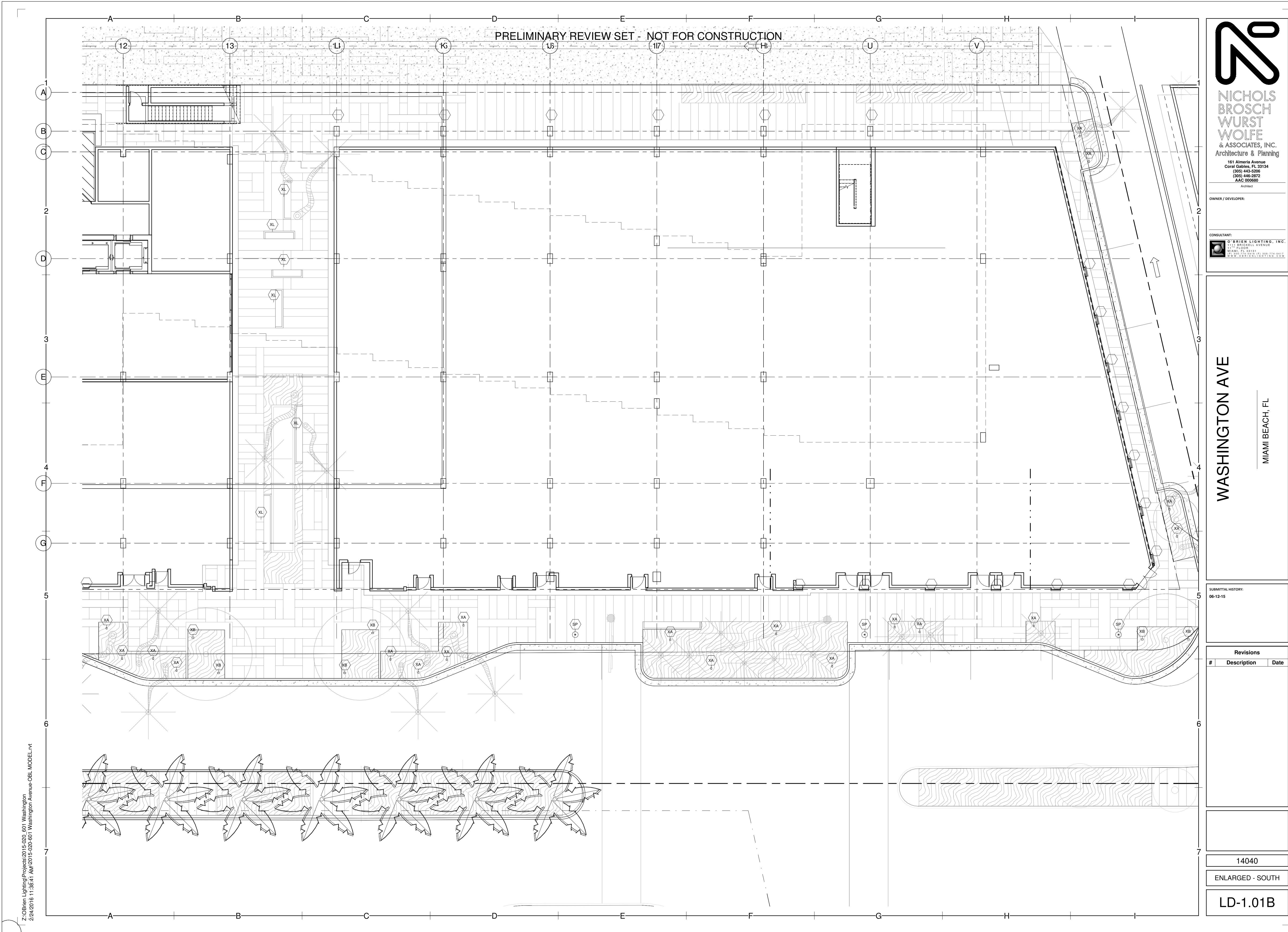
Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Level 1 Lighting Plan - Enlarged - North

Historic Preservation Board Final Submittal/ 21 March 2016

LD-1.01A



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

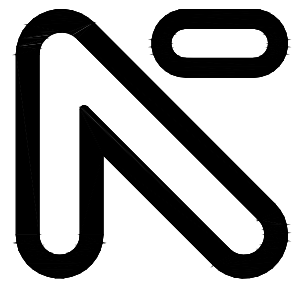
Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Level 1 Lighting Plan - Enlarged - South

Historic Preservation Board Final Submittal/ 21 March 2016

LD-1.01B



NICHOLS
BROSCH
WURST
WOLFE
& ASSOCIATES, INC.
Architecture & Planning

161 Almeria Avenue
Coral Gables, FL 33134
(305) 443-5205
(305) 446-2872
AEC 000060

OWNER / DEVELOPER:

CONSULTANT:
O'BRIEN LIGHTING, INC.
1175 BUCKLE AVENUE
MIAMI, FL 33131
(305) 274-9417
www.obrienlighting.com

WASHINGTON AVE

MIAMI BEACH, FL

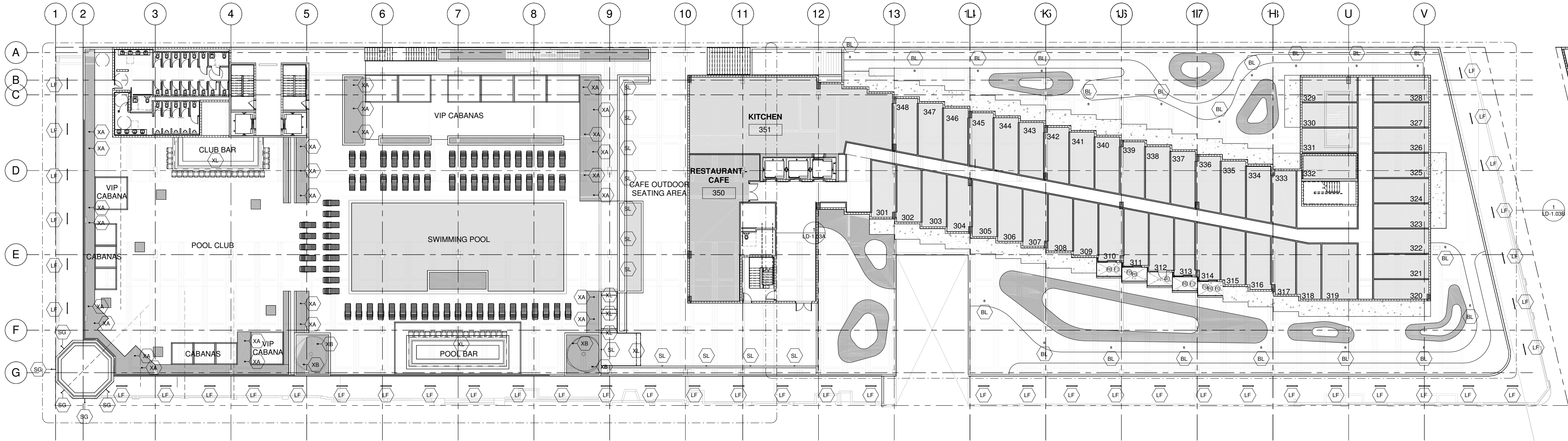
SUBMITTAL HISTORY:
06-12-15

Revisions
Description Date

14040

3RD LEVEL LIGHTING

LD-1.03



1 0300 LEVEL - LIGHTING
LD-1.03 1/16" = 1'-0"

LIGHTING FIXTURE SCHEDULE							
Type Mark	Description	Manufactur er	Model	Catalog Number	Wattage	Voltage	Type Comments
BL	LED Single and Dual Head Bollard	Cooper Lighting	303-B1 and 303-B2			0 V	Bollard
LF	Lumenfacade	Lumenpuls e	LOG			120 V	
S1	LED Single & Dual Head Wall Mount Up &-or Down	Cooper Lighting	303-W1 and 303-W2			0 V	Wall
SG	LED Single Head Sign Light for Wall or Ceiling Mount	Cooper Lighting	303-S1			0 V	Sign & Ceiling
SL	Description	Cooper Industries, Inc.	Model		30 W		
SP	Decorative Post Top Luminaire	Cooper Industries, Inc.	Generation Series LED		0 W		
XA	Lumenbeam - Small				9 W		
XB	Lumenbeam - Medium				9 W		
XL	Exterior Rated Linear LED strip	GM Lighting	GM-LTG-EX-24 VDC		16 W		Remote 24VDC driver

Z:\OBrien Lighting\Projects\2015\020_601 Washington Ave\2015-020-601 Washington Avenue-DBL MODEL.rvt
2/24/2016 11:41:36 AM



Morris Adjmi Architects
www.ma.com

O'Brien Lighting Inc

Washington
Squared LLC

Ken Fulk

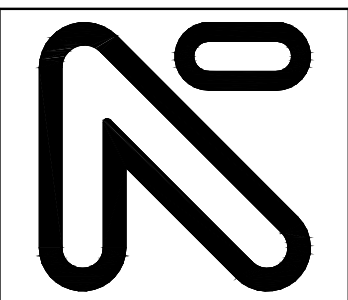
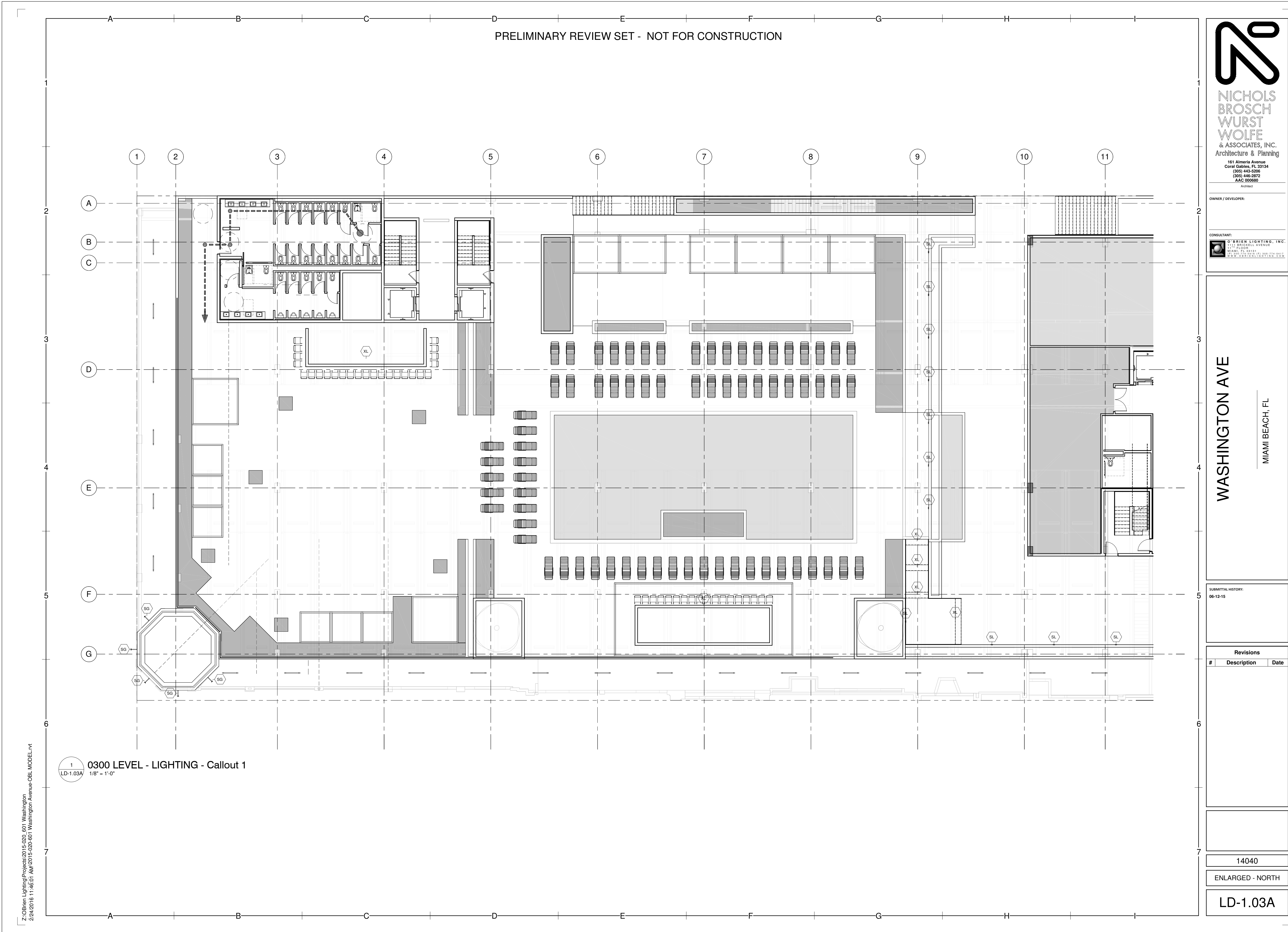
Raymond Jungles
Inc.

Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Level 3 Lighting Plan

Historic Preservation Board Final Submittal/ 21 March 2016



**NICHOLS
BROSCH
WURST
WOLFE**
& ASSOCIATES, INC.
Architecture & Planning
161 Almeria Avenue
Coral Gables, FL 33134
(305) 443-5205
(305) 446-2872
FAX: 305-660-9090
Architect

OWNER / DEVELOPER:

CONSULTANT:

O'BRIEN LIGHTING, INC.
1775 BIRCHDALE AVENUE
SUITE 100
MIAMI, FL 33131
(305) 274-9417
WWW.OBRIENLIGHTING.COM

WASHINGTON AVE
MIAMI BEACH, FL

SUBMITTAL HISTORY:
06-12-15

Revisions

#	Description	Date
---	-------------	------

--	--	--

14040

ENLARGED - NORTH

LD-1.03A



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

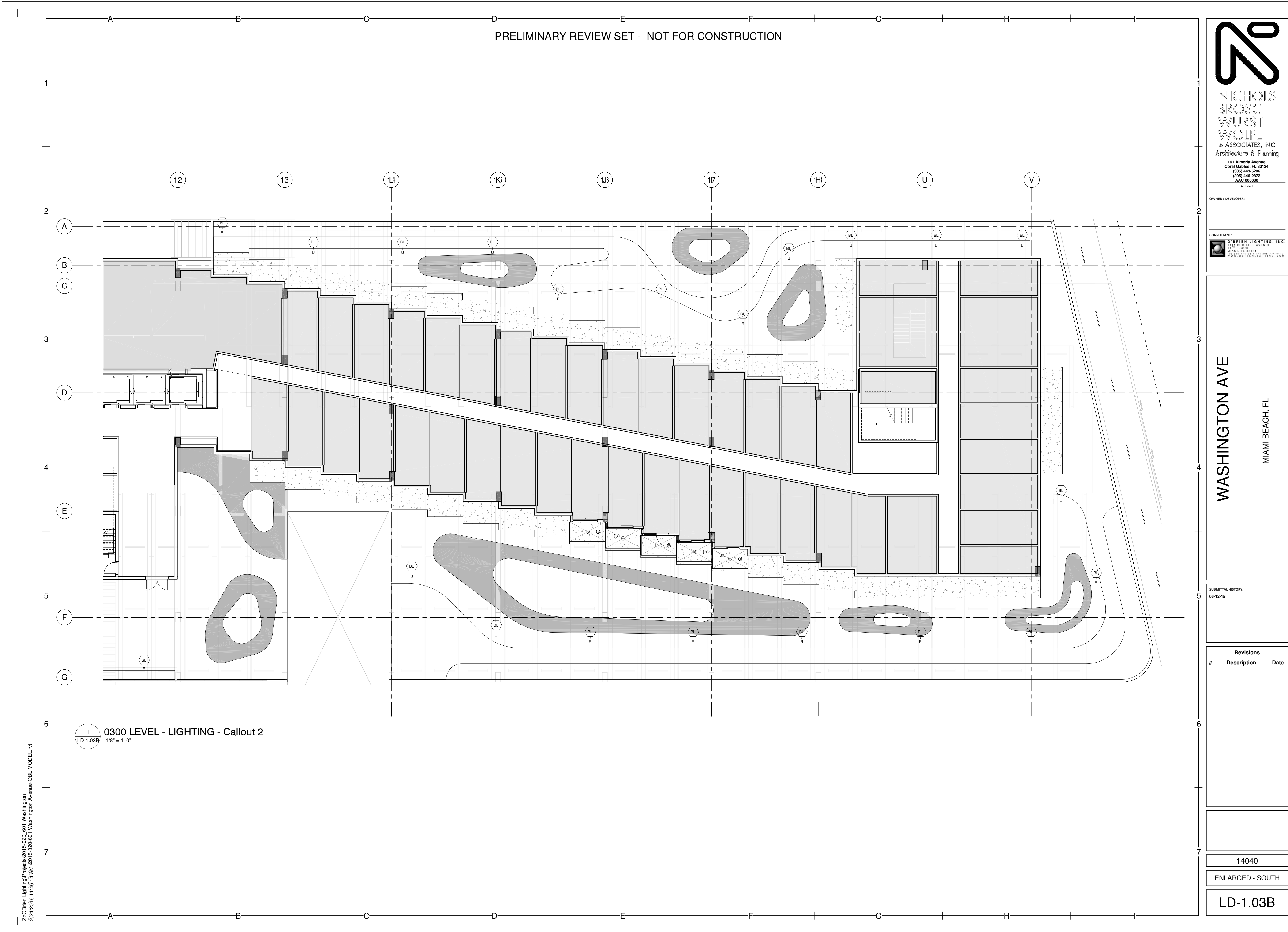
Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Level 3 Lighting Plan - Enlarged - North

Historic Preservation Board Final Submittal/ 21 March 2016

LD-1.03A



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

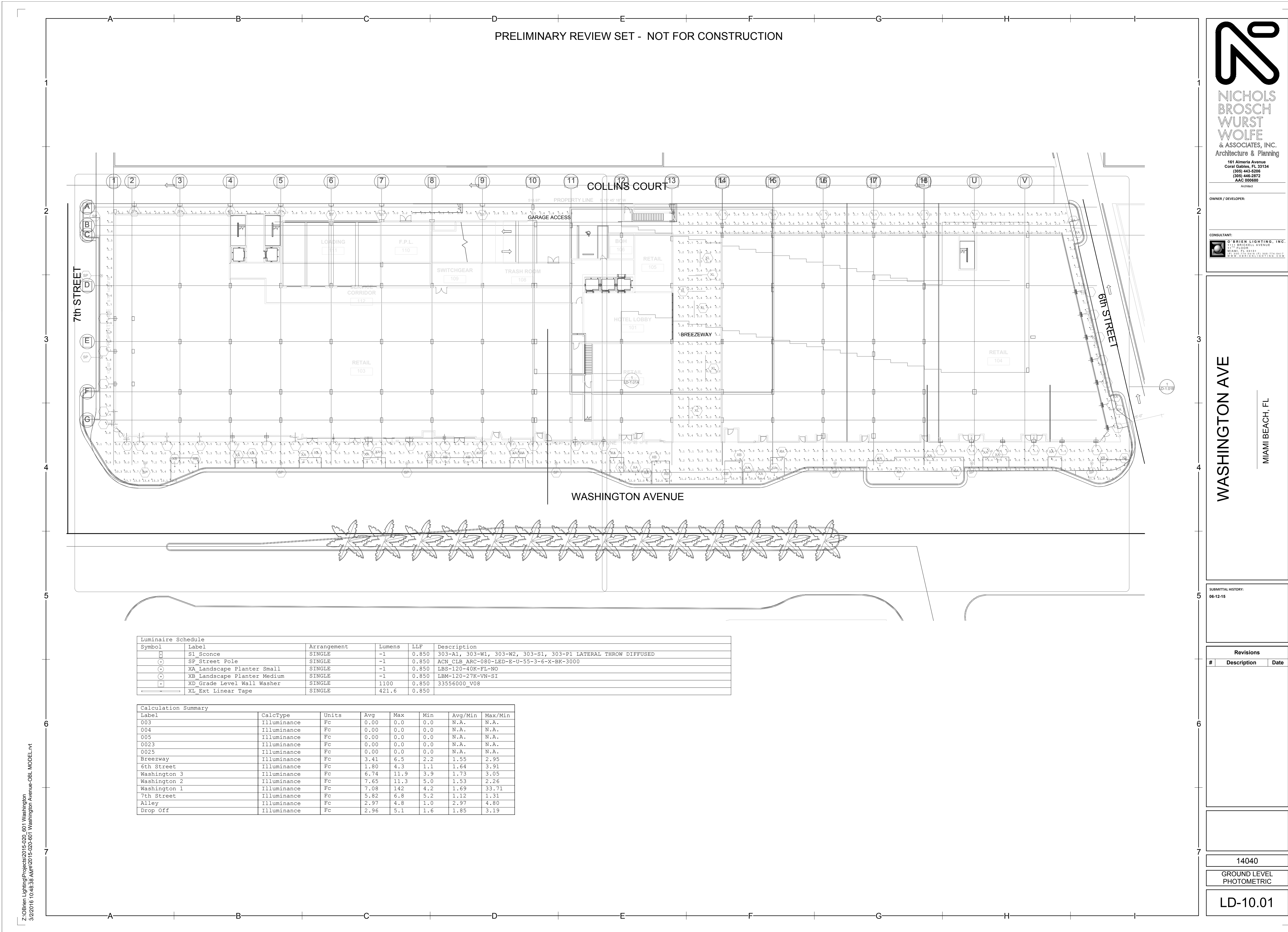
Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Level 3 Lighting Plan - Enlarged - South

Historic Preservation Board Final Submittal/ 21 March 2016

LD-1.03B



Morris Adjmi Architects
www.ma.com

O'Brien Lighting Inc

Washington
Squared LLC

Ken Fulk

Raymond Jungles
Inc.

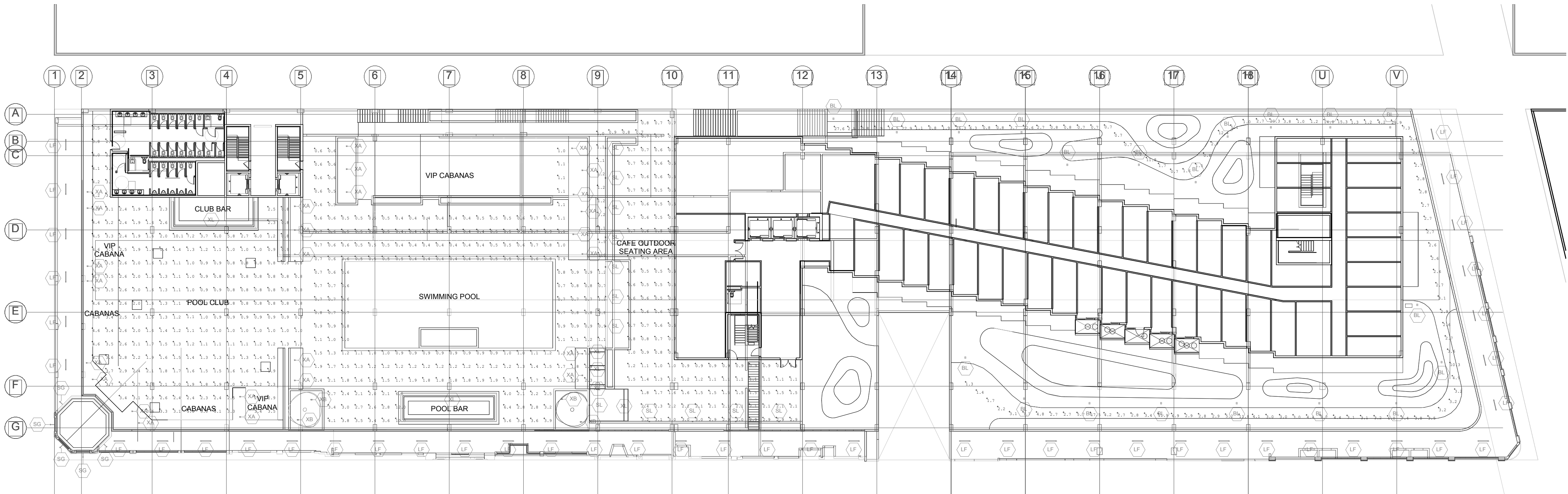
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Ground Level Photometric Plan

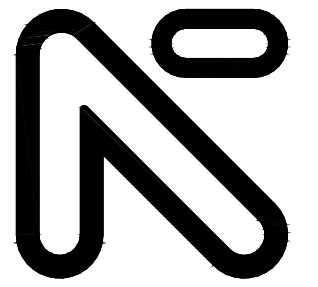
Historic Preservation Board Final Submittal/ 21 March 2016

LD-10.01



Luminaire Schedule					
Symbol	Label	Arrangement	Lumens	LLF	Description
BL	Bollard	SINGLE	-1	0.850	303-B1-LEDB2-3000-UNV-T4-DIM10-BK
LF	Linear LED Washlight	SINGLE	-1	0.850	LOG HO-120-48-35K 12XPE2-10x60-SI-NO
SG	Sign Light	SINGLE	-1	0.850	303-S1-LEDB2-3000-UNV-T2-DIM10-BK-EDGE
SL	Steplight	SINGLE	-1	0.850	0 01 SL 3K N 100 1
XA	Landscape Planter Small	SINGLE	-1	0.850	LBS-120-10K-FL-NO
XB	Landscape Planter Medium	SINGLE	-1	0.850	LBM-120-27K-VN-SI
XL	Ext Linear Tape	SINGLE	421.6	0.850	

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
003	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
004	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
005	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
0023	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
0025	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Club Area	Illuminance	Fc	2.10	10.1	0.8	2.63	12.63
Pool Area	Illuminance	Fc	1.30	12.0	0.4	3.25	30.00
Cafe Seating Area	Illuminance	Fc	1.14	3.2	0.4	2.85	8.00
Path	Illuminance	Fc	5.04	27.6	0.7	7.20	39.43
Ramp	Illuminance	Fc	1.08	1.5	0.7	1.54	2.14



NICHOLS
BROSCH
WURST
WOLFE
& ASSOCIATES, INC.
Architecture & Planning
161 Almeria Avenue
Coral Gables, FL 33134
(305) 443-5206
(305) 446-2872
FAX: 305-660-9593
Architect

OWNER / DEVELOPER:

CONSULTANT:
O'BRIEN LIGHTING, INC.
1717 BIRDELL AVENUE
SUITE 100
MIAMI, FL 33131
(305) 274-9417
www.obrienlighting.com

WASHINGTON AVE

MIAMI BEACH, FL

SUBMITTAL HISTORY:
06-12-16

Revisions
Description Date

14040
POOL DECK
PHOTOMETRIC
LD-10.02



Morris Adjmi Architects
www.ma.com

O'Brien Lighting Inc

Washington
Squared LLC

Ken Fulk

Raymond Jungles
Inc.

Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Pool Deck Photometric Plan

Historic Preservation Board Final Submittal/ 21 March 2016

LD-10.02

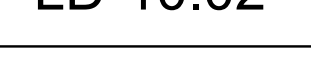
PRELIMINARY REVIEW SET - NOT FOR CONSTRUCTION

Luminaire Schedule

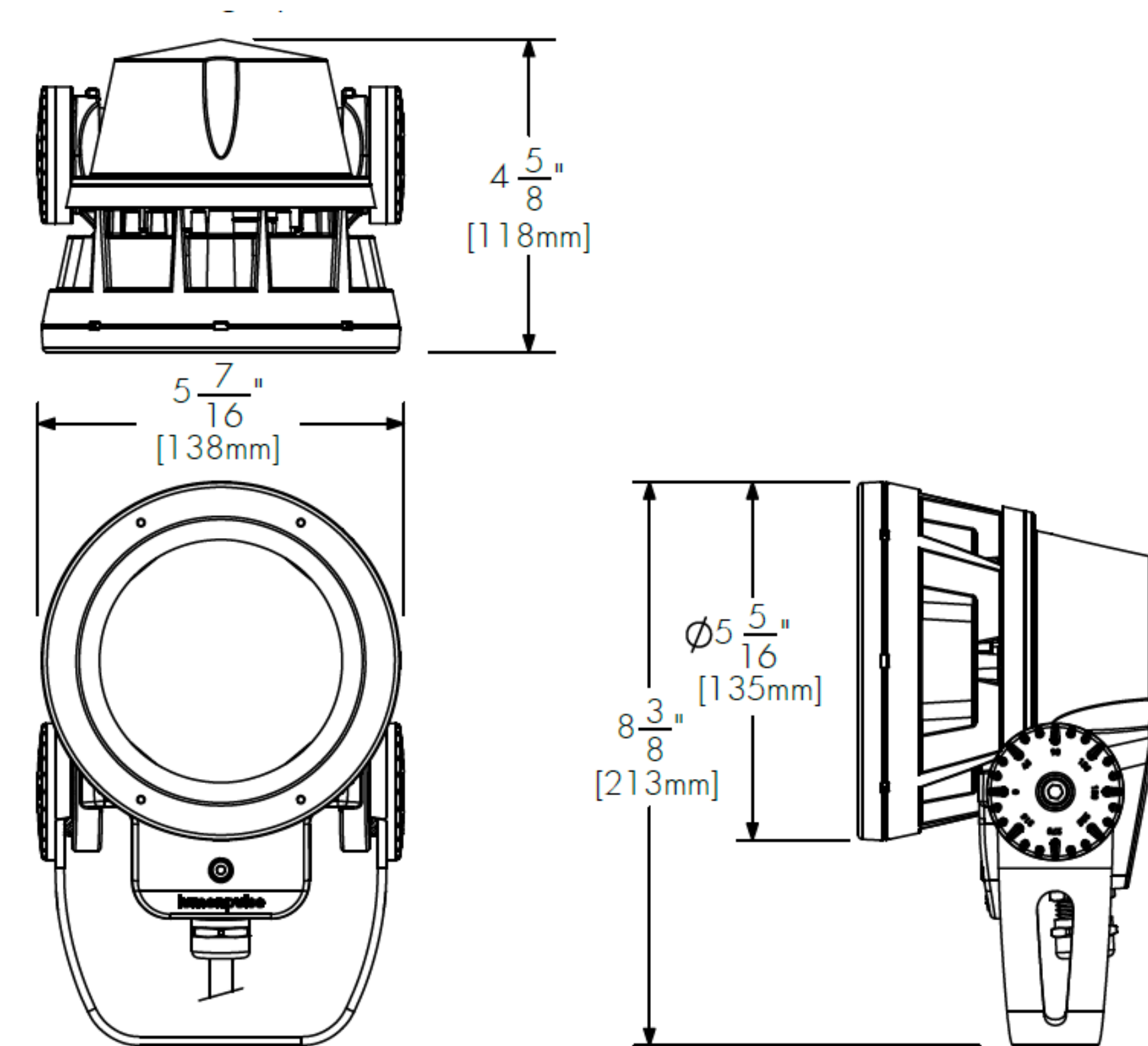
Symbol	Label	Arrangement	Lumens	LLF	Description
BL	BL Bollard	SINGLE	~1	0.850	303-B1-LEDB2-3000-UNV-T4-DIM10-BK
LF	LF Linear LED Washlight	SINGLE	~1	0.850	LOG HO-120-48-35K 12XPE2-10x60-SI-NO
SG	SG Sign Light	SINGLE	~1	0.850	303-S1-LEDB2-3000-UNV-T2-DIM10-BK-EDGE
SL	SL Steplight	SINGLE	~1	0.850	0 01 SL 3K N 100 1
XA	XA Landscape Planter Small	SINGLE	~1	0.850	LBS-120-40K-FL-NO
XB	XB Landscape Planter Medium	SINGLE	~1	0.850	LBM-120-27K-VN-SI
XL	XL Ext Linear Tape	SINGLE	421.6	0.850	

Calculation Summary

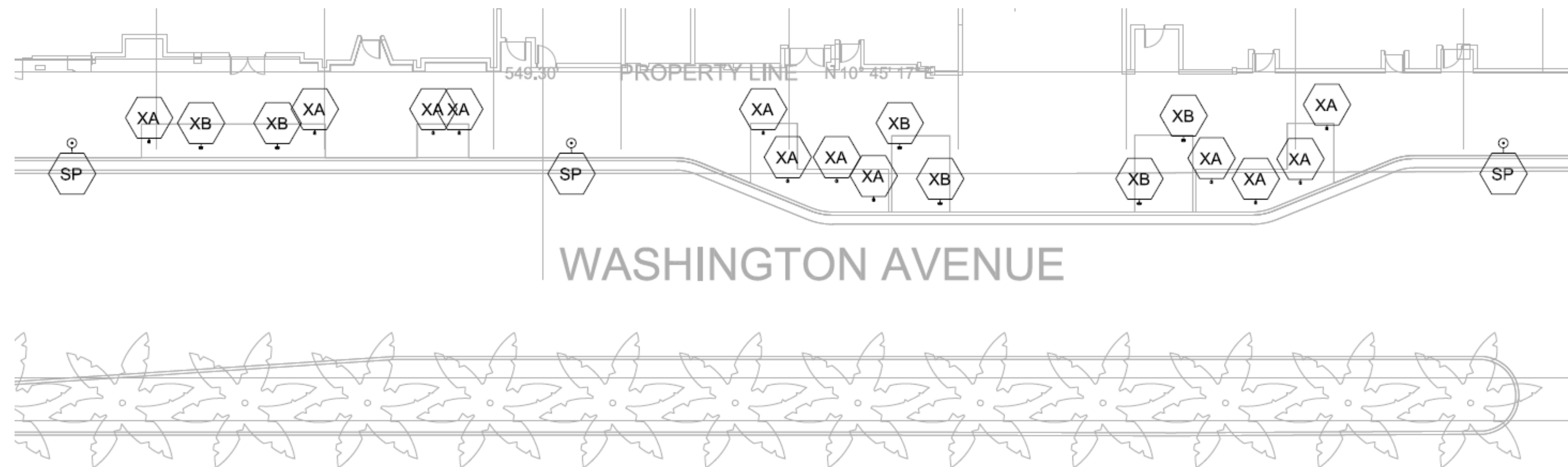
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
003	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
004	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
005	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
0023	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
0025	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Club Area	Illuminance	Fc	2.10	10.1	0.8	2.63	12.63
Pool Area	Illuminance	Fc	1.30	12.0	0.4	3.25	30.00
Cafe Seating Area	Illuminance	Fc	1.14	3.2	0.4	2.85	8.00
Path	Illuminance	Fc	5.04	27.6	0.7	7.20	39.43
Ramp	Illuminance	Fc	1.08	1.5	0.7	1.54	2.14



LD-10.02



Standard Yoke Mounting
(as shown, included)



O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com

Washington
Squared LLC

Ken Fulk

Raymond Jungles
Inc.

Nichols Brosch
Wurst Wolfe &
Associates

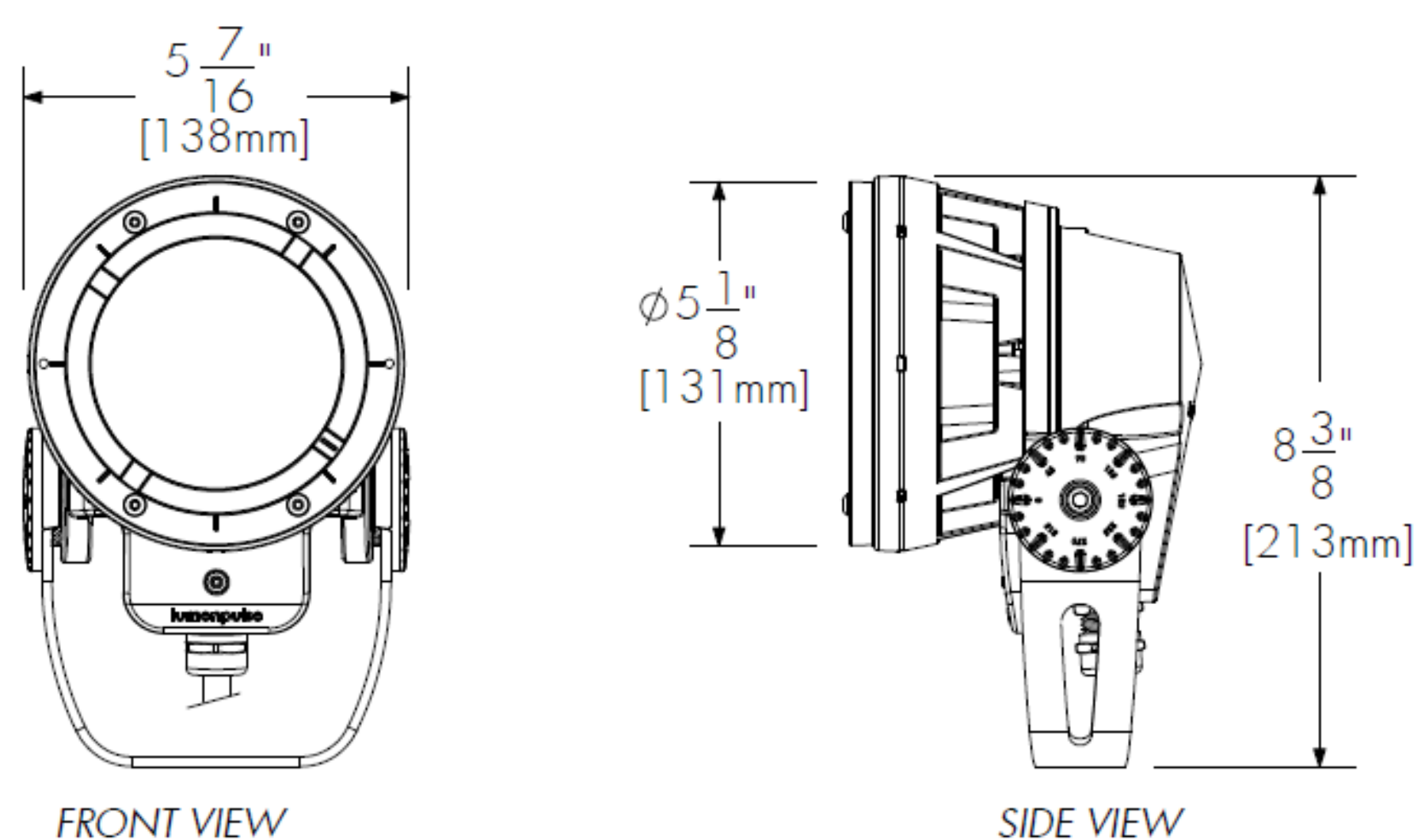
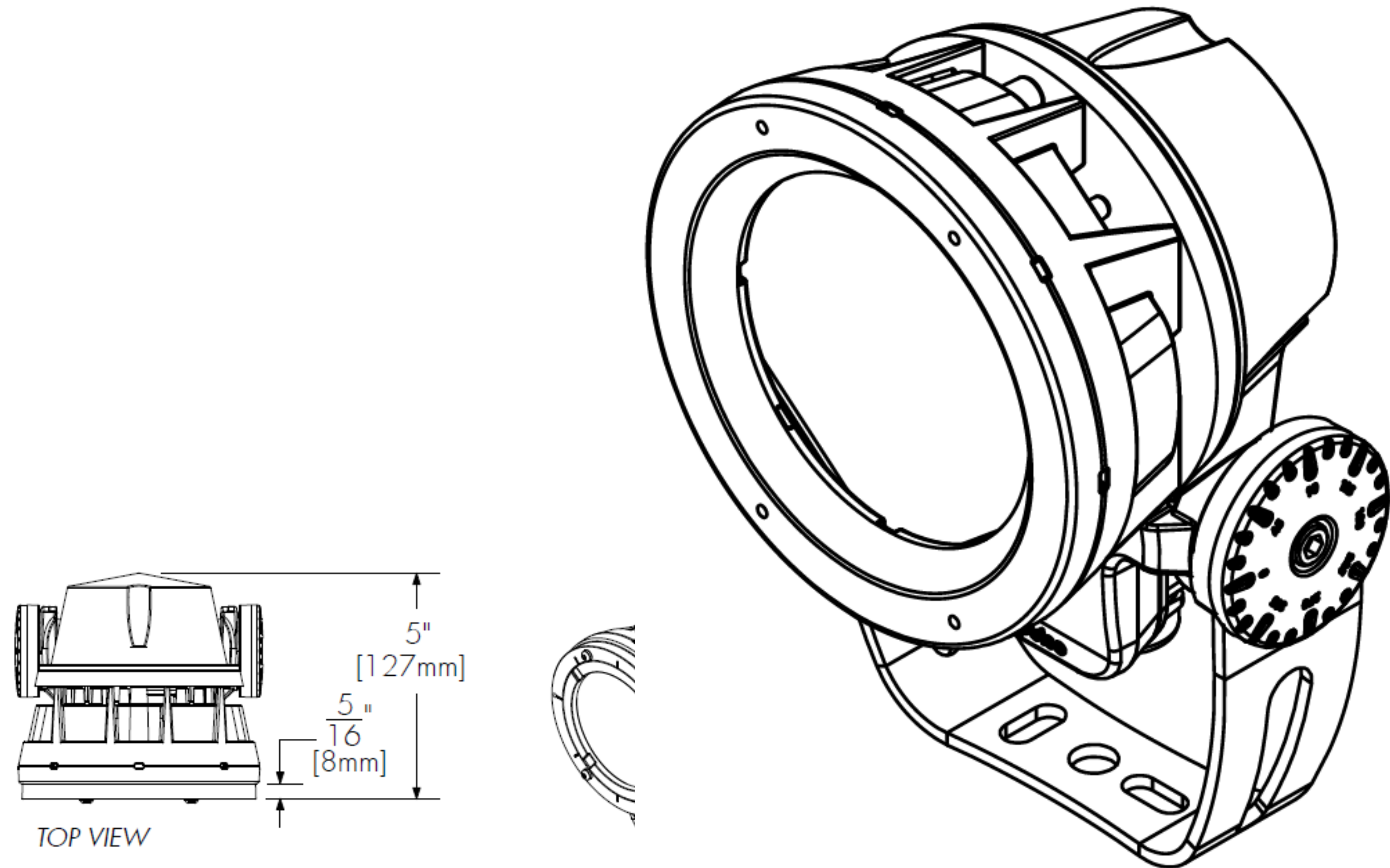
601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

LD-11.01

TYPE XA



LSLA
Linear Spread Lens Adjustable
Optical Accessory

HOW TO ORDER

SMALL
WHITE & STATIC COLORS

LBS	Select:	Select:	Select:	Select:	Select:	Select:	Select:	Select:
1	2	3	4	5	6	7	8	9

1 |

Housing:

LBS - Lumenbeam™ Small

2 |

Voltage:

100 - 100 volts	220 - 220 volts
120 - 120 volts	240 - 240 volts
208 - 208 volts	277 - 277 volts

3 |

Colors and Color temperatures:

- 27K - 2700K
- 30K - 3000K
- 35K - 3500K
- 40K - 4000K
- 57K - 5700K
- RD - Red
- GR - Green
- BL - Blue

4 |

Optic:

- VN - Very Narrow 6°
- NS - Narrow Spot 10°
- NF - Narrow Flood 20°
- FL - Flood 40°
- WFL - Wide Flood 60°

5 |

Optical Option:

- LSLH - Linear Spread Lens Horizontal distribution
- LSLV - Linear Spread Lens Vertical distribution

*Factory installed, available for 6° to 40° optics.
See Optical Accessories for field adjustable
spread lens.

6 |

Finish:

- SI - Silver Sandtex
- BK - Black Sandtex
- WH - White
- CC - Custom (please specify RAL color)

7 |

Control:

- DIM - 0-10V Dimming option
(10% minimum dimming value)
(Current Sink: 3mA/fixture) (Current Source: 0.5mA fixture)
- DMX/RDM - DMX/RDM enabled
(1% minimum dimming value)
- DALI - DALI Dimming option
(1% minimum dimming value)
- NO - No Dimming

8 |

Mounting Option:

- SK - Stake Mounting
- KN - Knuckle Mounting
- CN - Canopy Cover Mounting

9 |

Option:

- CRC - Corrosion-resistant coating for hostile environments

O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

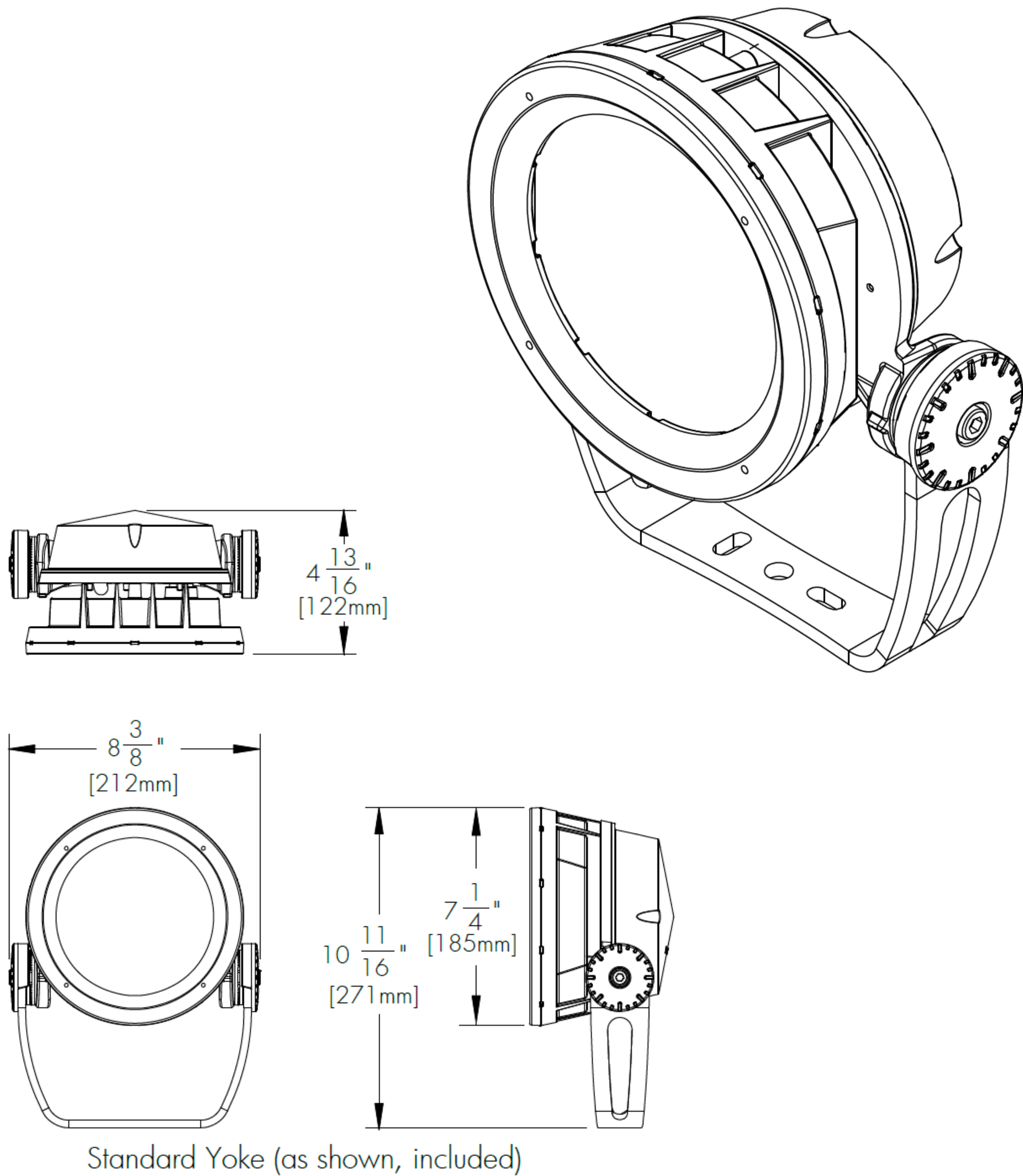
Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

TYPE XB



HOW TO ORDER

MEDIUM
WHITE & STATIC COLORS

LBM	Select:	Select:	Select:	Select:	Select:	Select:	Select:
1	2	3	4	5	6	7	8

1	Housing: LBM - Lumenbeam™ Medium	5	Optical Option: LSLH - Linear Spread Lens Horizontal distribution LSLV - Linear Spread Lens Vertical distribution *Factory installed, available for 6° to 40° optics. See Optical Accessories for field adjustable spread lens.
2	Voltage: 100 - 100 volts 220 - 220 volts 120 - 120 volts 240 - 240 volts 208 - 208 volts 277 - 277 volts	6	
3	Colors and Color temperatures: 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 57K - 5700K RD - Red GR - Green BL - Blue	7	Finish: SI - Silver SandText BK - Black SandText WH - White CC - Custom (please specify RAL color)
4	Optic: VN - Very Narrow 6° NS - Narrow Spot 10° NF - Narrow Flood 20° FL - Flood 40° WFL - Wide Flood 60°	8	Control: DIM - 0-10V Dimming option (10% minimum dimming value) (Current Sink: 3mA/fixture) (Current Source: 0.5mA fixture) DMX/RDM - DMX/RDM enabled (1% minimum dimming value) DALI - DALI Dimming option (1% minimum dimming value) NO - No Dimming Option: SY - Short Yoke 3GV - 3G ANSI C136.31 Vibration Rating CRC - Corrosion-resistant coating for hostile environments

O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

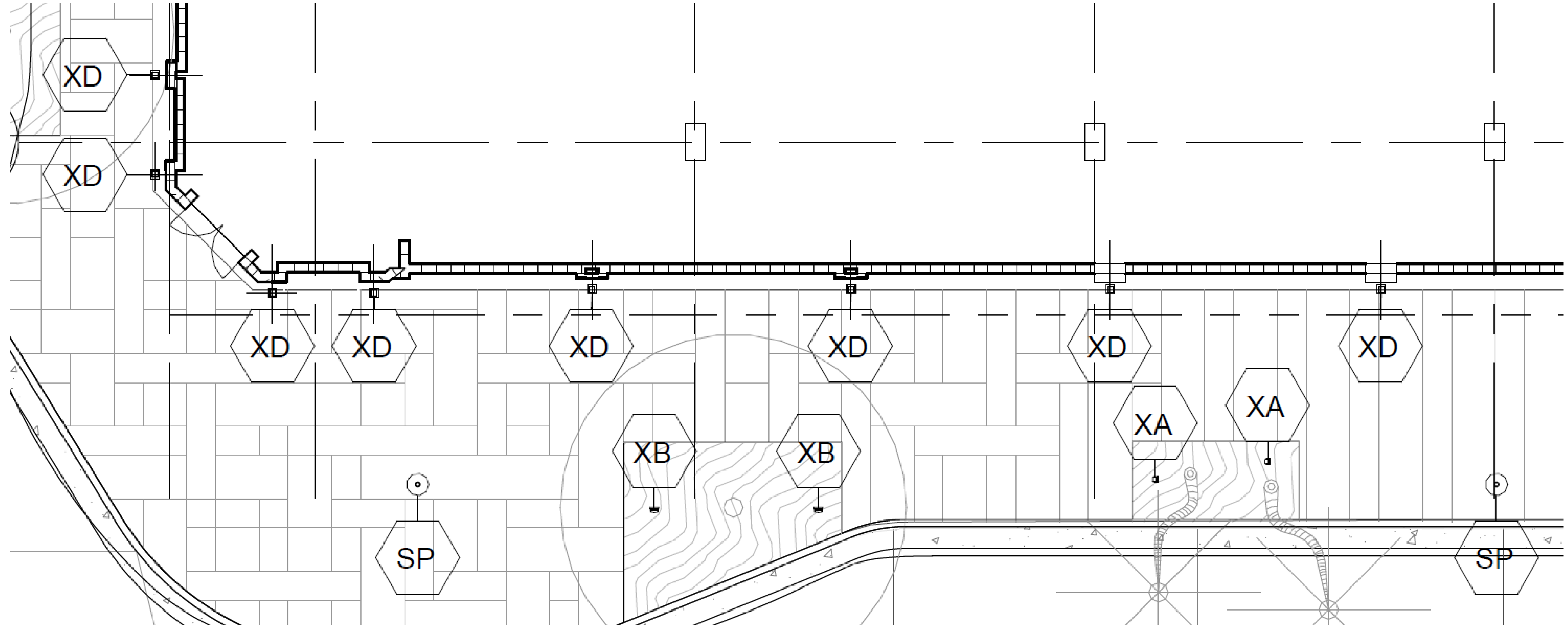
Washington Squared LLC
Ken Fulk

Raymond Jungles Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016



O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

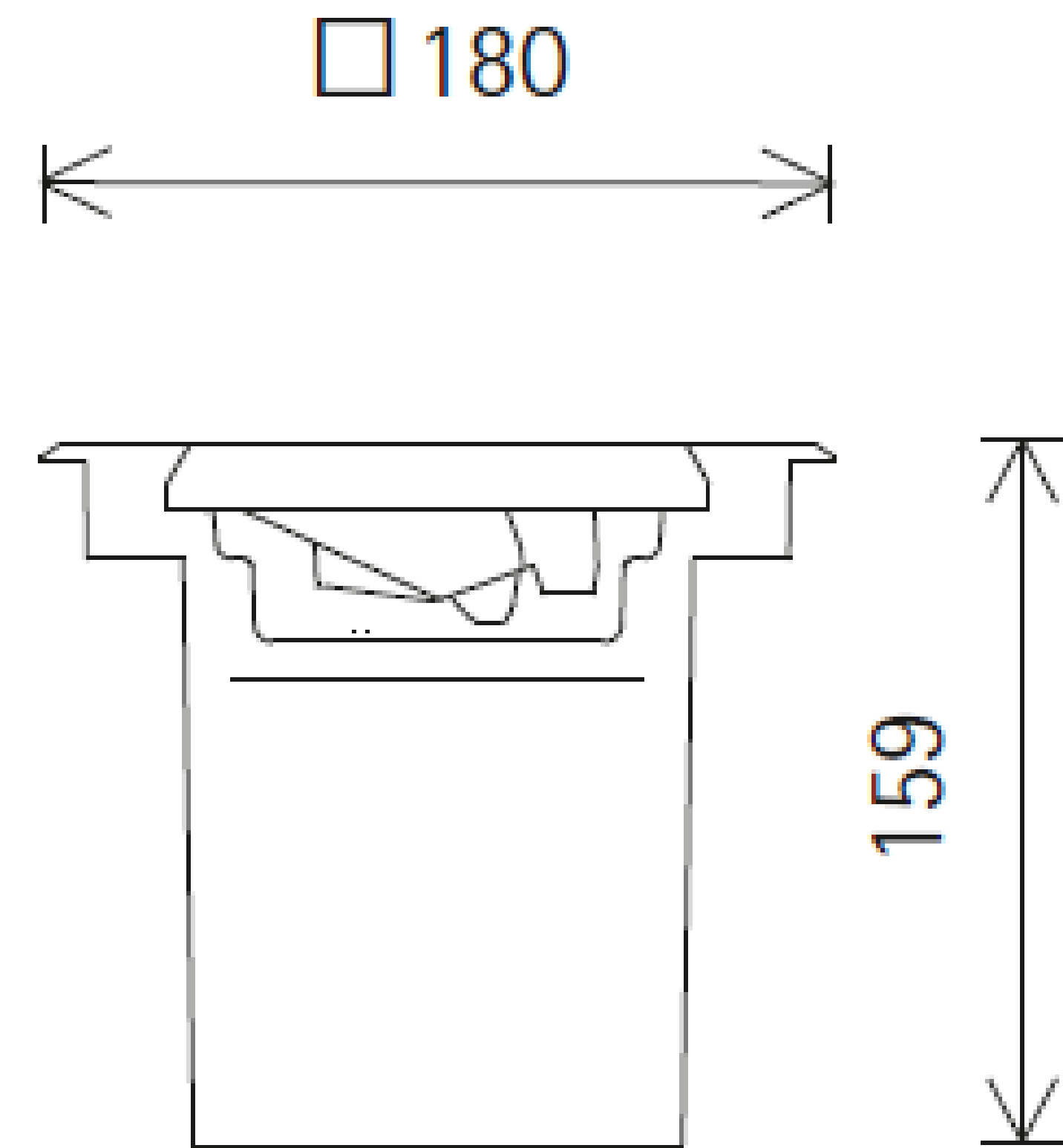
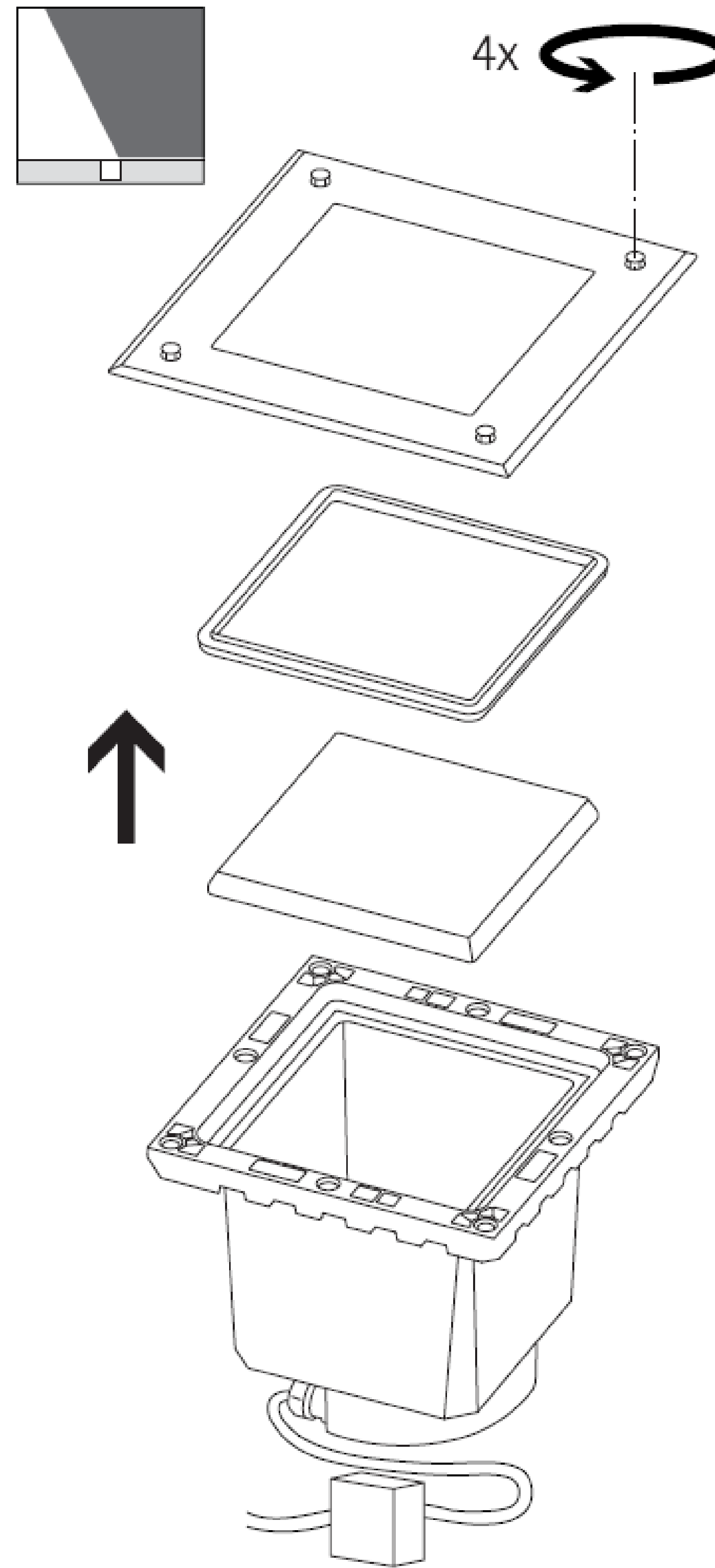
Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Enlarged Ground Floor Plan

Historic Preservation Board Final Submittal/ 21 March 2016

LD-11.04



COLUMN UPLIGHTS

O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

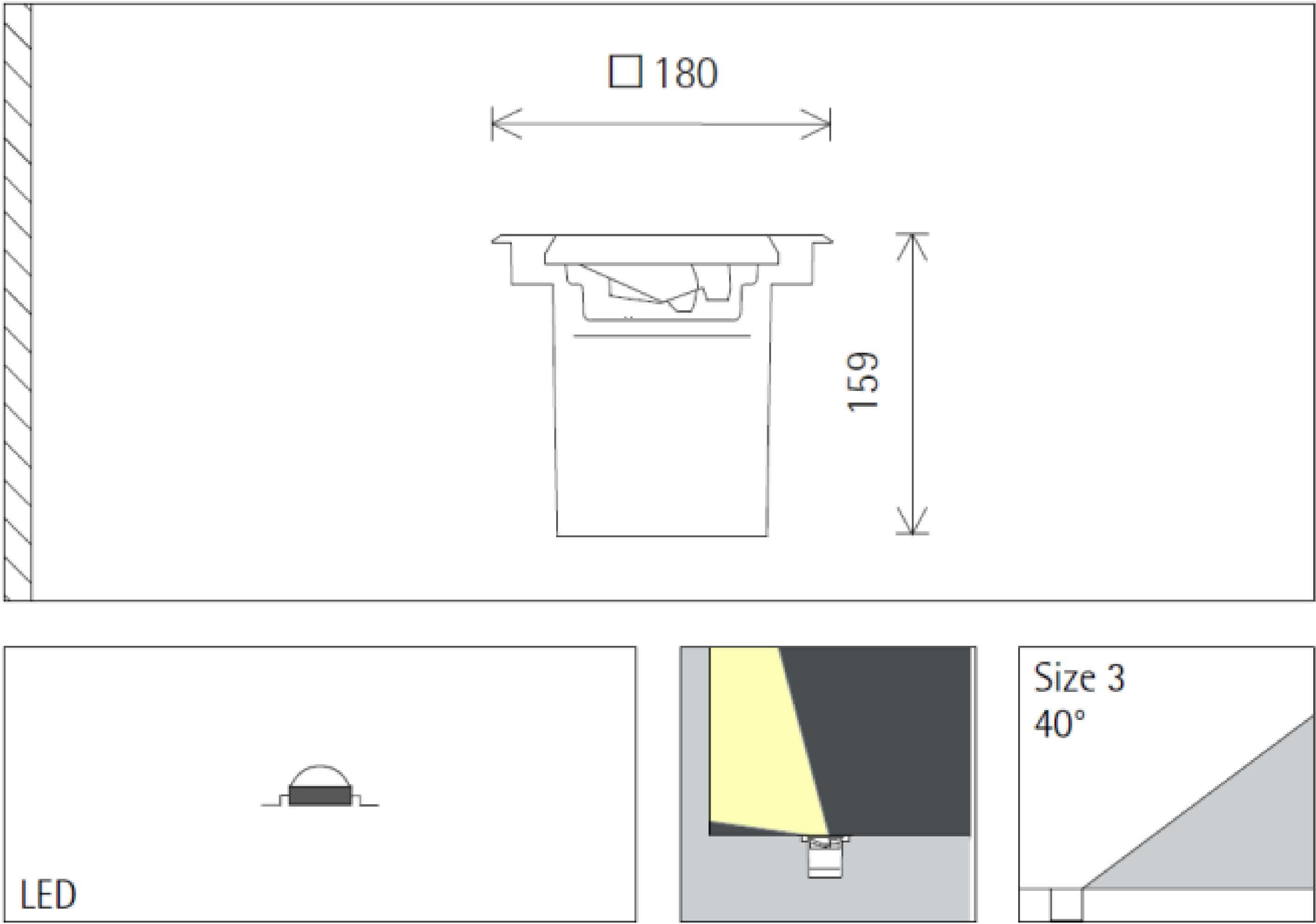
601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

LD-11.05

TYPE XD



Planning data

Illuminance E_n (lx)
 Specifications:
 Number of luminaires n > 5
 Wall height (m) 3.0

Offset from wall (m)	1.00			1.00			1.25			1.25			
Luminaire spacing (m)	1.00			1.50			1.25			1.75			
	below the luminaire		between the luminaires	below the luminaire		between the luminaires	below the luminaire		between the luminaires	below the luminaire		between the luminaires	between the luminaires
2.750	79		78	58		57	74		73	55		55	
2.500	94		93	68		67	84		83	62		62	
2.250	112		110	79		78	96		94	70		70	
2.000	131		130	92		91	108		107	79		77	
1.750	154		152	107		104	118		117	88		83	
1.500	177		175	123		117	121		119	91		83	
1.250	190		187	134		120	110		108	83		73	
1.000	172		168	124		104	88		86	67		57	
0.750	129		125	95		76	68		66	53		43	
0.500	97		94	74		54	58		55	46		34	
0.250	60		56	49		28	26		25	22		15	

Cleaning (a)	1				2				3				
Ambient conditions	P	C	N	D	P	C	N	D	P	C	N	D	
LMF	0.96	0.94	0.90	0.86	0.93	0.91	0.86	0.81	0.92	0.90	0.84	0.79	
RSMF	0.91	0.83	0.68	0.51	0.90	0.81	0.67	0.50	0.90	0.81	0.67	0.50	

Hours of operation (h)	1000	2000	4000	6000	8000	10000	20000	30000	40000	50000
LLMF	0.99	0.99	0.98	0.97	0.96	0.95	0.92	0.88	0.84	0.81
LSF	1	1	1	1	1	1	1	1	1	1

MF	LMFxRSMFxLLMFxLSF
MF	Maintenance Factor
LMF	Luminaire Maintenance Factor
RSMF	Room Surface Maintenance Factor
LLMF	Lamp Lumens Maintenance Factor
LSF	Lamp Survival Factor
P	Room pure
C	Room clean
N	Room normal
D	Room dirty

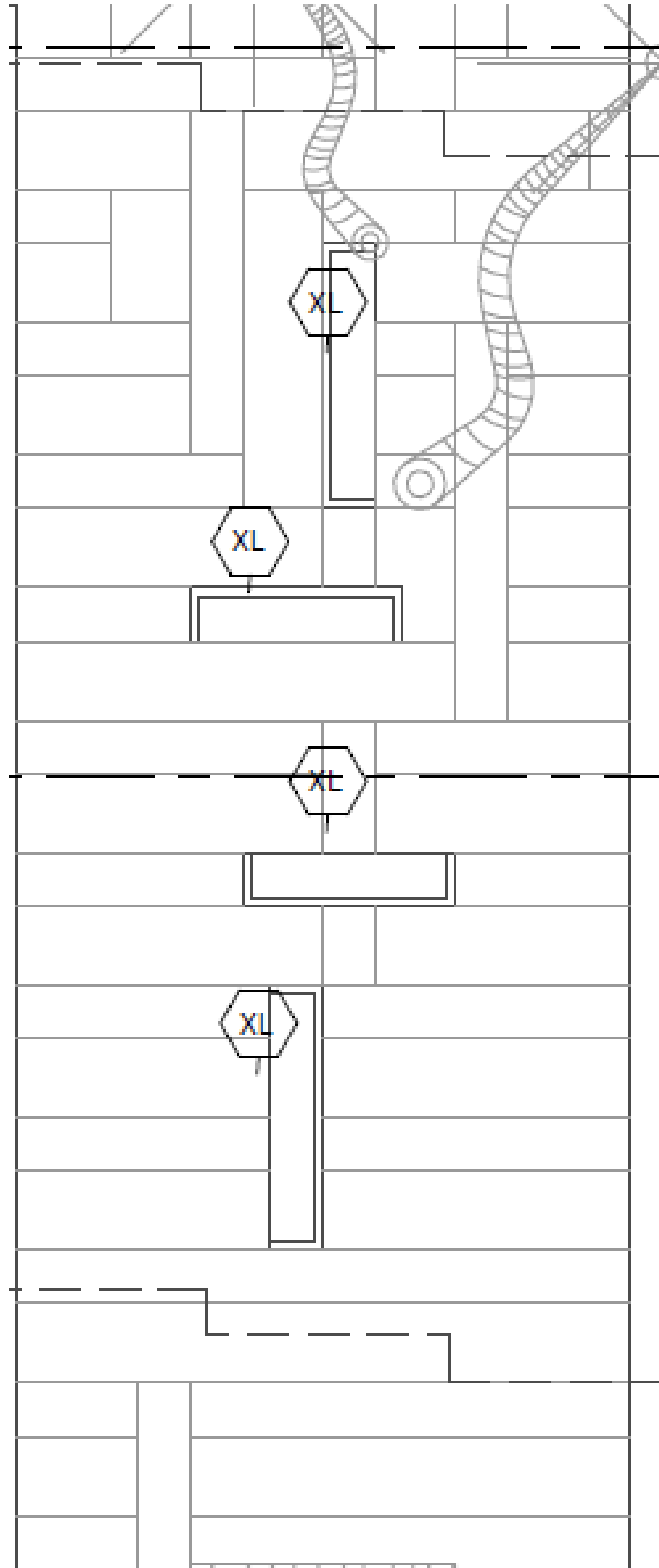
O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
 www.ma.com
 Washington Squared LLC
 Raymond Jungles Inc.
 O’Brien Lighting Inc.
 Ken Fulk
 Nichols Brosch
 Wurst Wolfe &
 Associates

601-685 Washington Ave.
 Miami Beach, FL

Light Fixture Detailed Information
 Historic Preservation Board Final Submittal/ 21 March 2016



O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

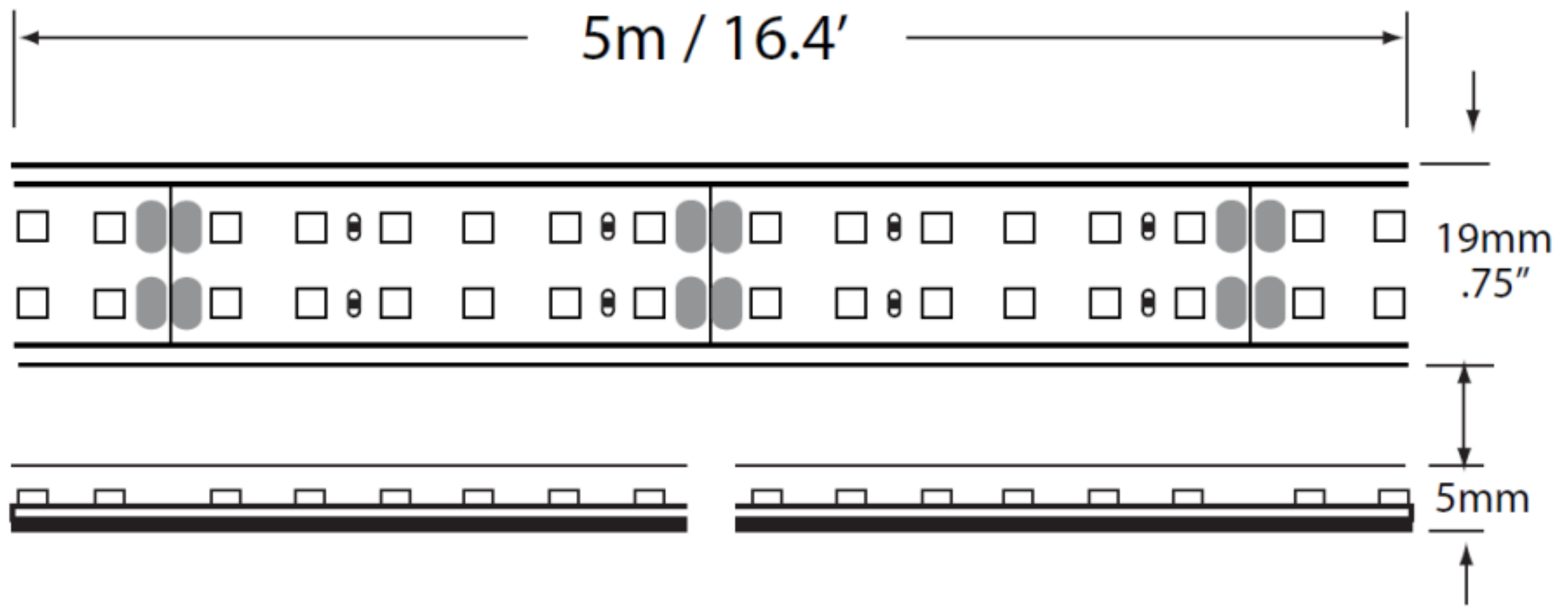
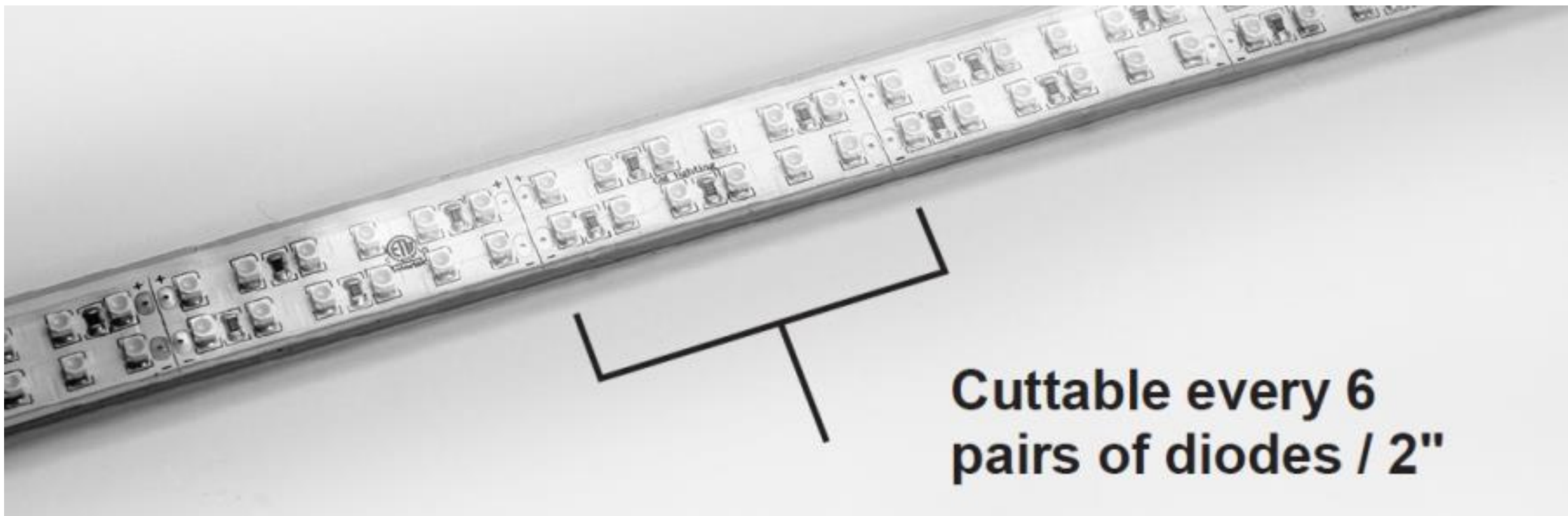
601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

LD-11.07

TYPE XL



LTP-24-48	48W - 2 Amps - 120V Cord and Plug (126"). Short circuit, overload protection - LED indicator for power on.
LTP24-90	90W - 3.75 Amps - 120V Cord and Plug (72"). Short circuit, overload protection . LED indicator for power on.
LTH24-4	100W - 4.2 Amps - 120V - Universal AC input - Short circuit overload protection. LED indicator for power on. Metal.
LTH24-8	200W - 8.4 Amps - 120V - Universal AC input - Short circuit overload protection. LED indicator for power on. Metal.
LTH-60-DIM	Dimmable 60W - 5 Amps - 120V, 240V or 277V - Universal AC input 120V, 240V or 277V - 50 or 60 Hz. - no external fusing.
LTHM100-DIM-24	Dimmable 100W - 4 Amps - 120V / 60 Hz - Double section bobbin - ETL for indoor and outdoor use. Manual reset.
LTHM200-DIM-24	Dimmable 200W - 8 Amps - 120V / 60 Hz - Double section bobbin - ETL for indoor and outdoor use. Manual reset.
LTHM300-DIM-24	Dimmable 300W - 12 Amps - 120V / 60 Hz - Double section bobbin - ETL for indoor and outdoor use. Manual reset
GMWD-600	600W magnetic wall dimmer with on/off switch. Single pole. 120V/60Hz. White finish. For use with all GM Lighting 12VDC and 24VDC Mag. Dimmable Power Supplies

Cat. Number	Length	Total LED's	LED Wattage	Amps per Reel	Lumens per Ft.	Color**	LED Life
LTR24024-WP-HO-27	1M (39")	240	.08W(5.85W/ft)	0.6	314	2700K Warm White	50,000 hrs
LTR24024-WP- HO-30	1M (39")	240	.08W(5.85W/ft)	0.6	350	3000K Warm White	50,000 hrs
LTR24024-WP-HO-35	1M (39")	240	.08W(5.85W/ft)	0.6	379	3500K Warm White	50,000 hrs
LTR24024-WP-HO-42	1M (39")	240	.08W(5.85W/ft)	0.6	427	4200k Cool White	50,000 hrs
LTR120024-WP-HO-27	5M (16.4')	1200	.08W(5.85W/ft.)	4.0	314	2700K Warm white	50,000 hrs.
LTR120024-WP-HO-30	5M(16.4")	1200	.08W (5.85W/ft.)	4.0	350	3000K Warm white	50,000 hrs.
LTR120024-WP-HO-35	5M (16.4')	1200	.08W (5.85W/ft.)	4.0	379	3500K Warm White	50,000 hrs
LTR120024-WP-HO-42	5M (16.4')	1200	.08W (5.85W/ft.)	4.0	427	4200K Cool White	50,000 hrs

O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington Squared LLC
Ken Fulk

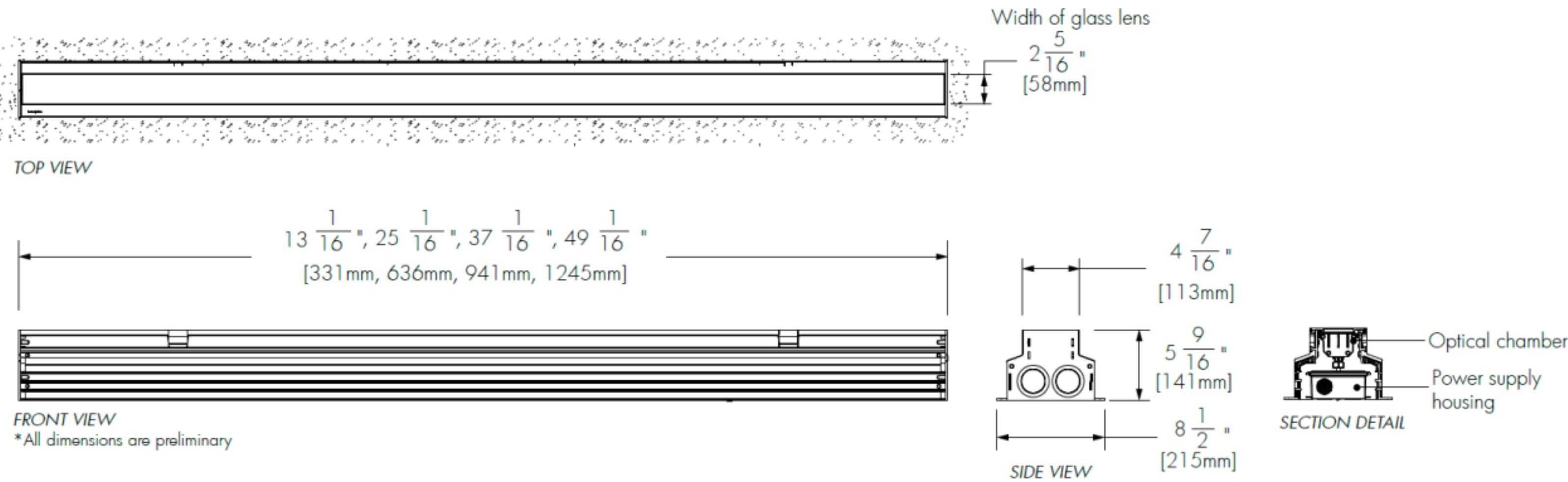
Raymond Jungles Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

TYPE LN



O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

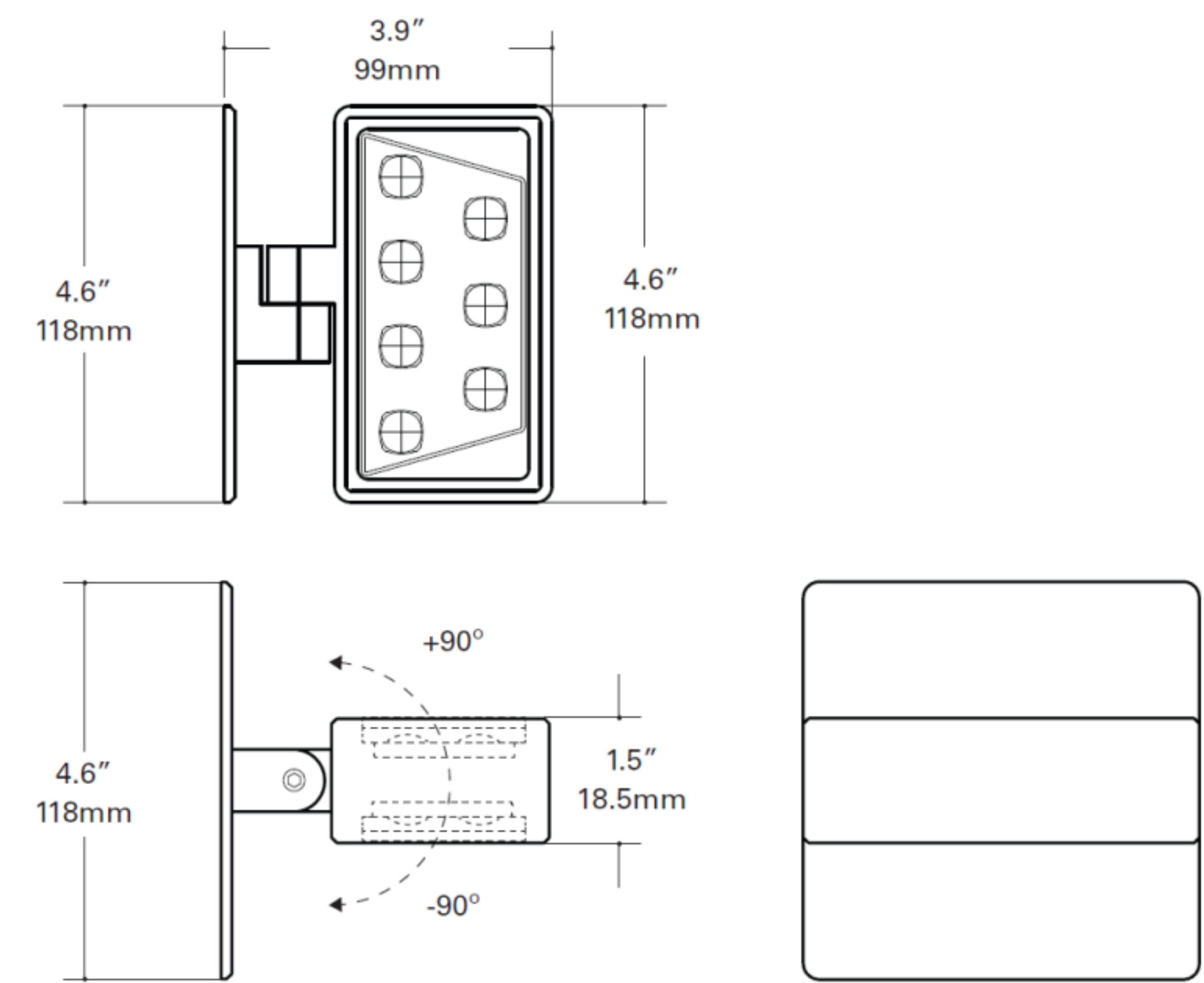
Washington
Squared LLC
Ken Fulk

Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information
Historic Preservation Board Final Submittal/ 21 March 2016

TYPE S1



ORDERING INFORMATION

Sample Number: 303-W2-LEDB2-2700-UNV-T2-DIM10-BK-EDGE

Series	Color Temperature	Input Voltage	Optics	Dimming	Finish ¹	Options ^{2,3}
303-W2-LEDB2 Head contains two (2) Mini LightBAR™ - one on top and bottom.	2700=2700K 3000=3000K 3500=3500K 4000=4000K TSAM =Turtle Safe Amber (585-595nm)	UNV=Universal 120-277, 50/60Hz	T2=Type II, Lateral Throw T4=Type IV, Forward Throw T5X=Type V, Extra Wide Flood	DIMELV=Trailing Edge Phase DIM10=0-10V Dimming	Painted BK=Black BZ=Bronze CS=City Silver WT=White <u>Premium Finish</u> BA=Brushed NSS=Solid Stainless Steel	EDGE=Edge lit glass lens LCF=LightBAR cover plate matches housing finish

O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O’Brien Lighting Inc

Washington Squared LLC
Ken Fulk

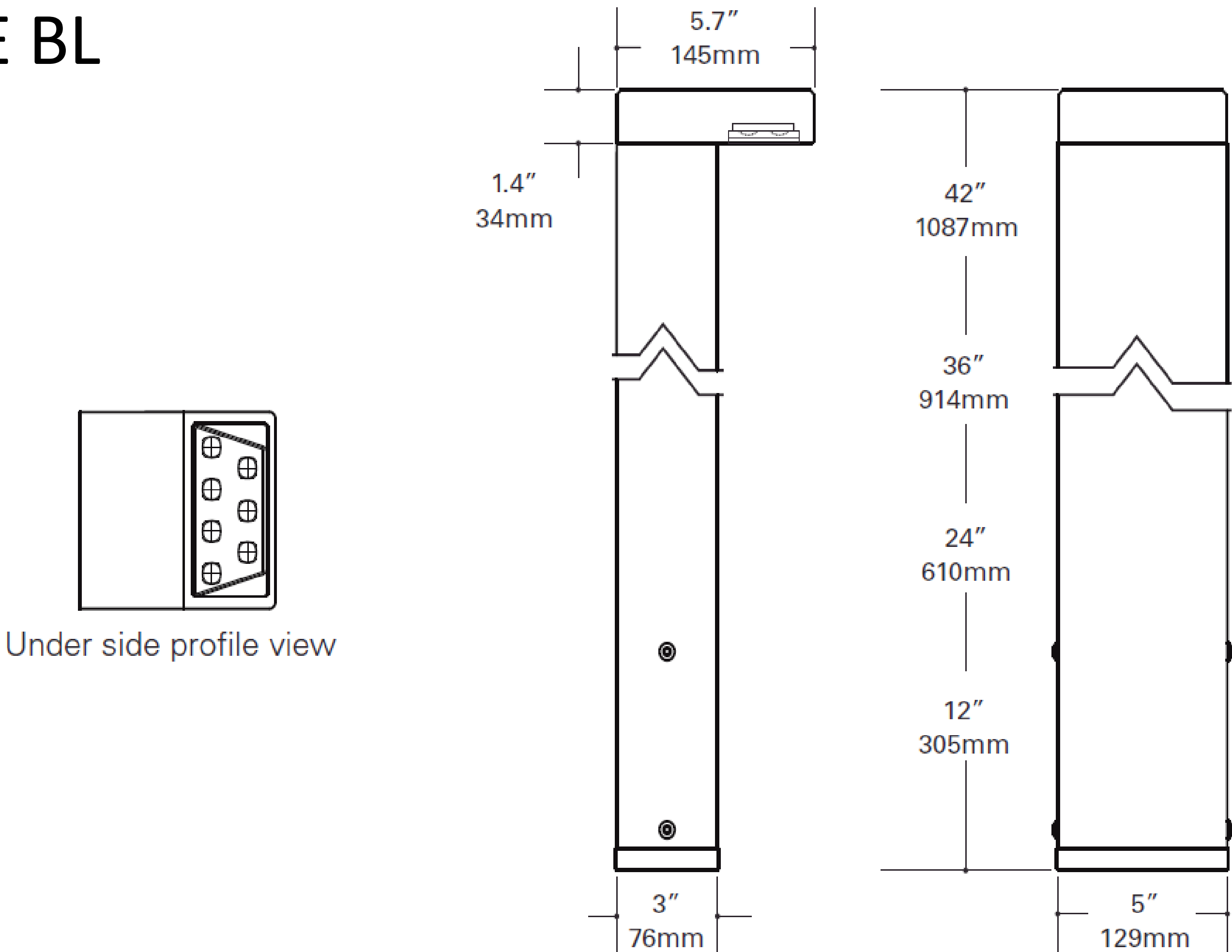
Raymond Jungles Inc.
Nichols Brosch
Wurst Wolfe & Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

TYPE BL



Series	Color Temperature	Input Voltage	Optics	Dimming	Finish ³	Height ⁴	Options ⁶
303-B1-LEDB1 Head contains one (1) Mini LightBAR™	2700 =2700K 3000 =3000K 3500 =3500K 4000 = 4000K TSAM =Turtle Safe Amber (585-595nm)	UNV =120-277V ¹ 120 =120V 277 =277V ²	T2 =Type II, Lateral Throw T4 =Type IV, Forward Throw T5X =Type V, Extra Wide Flood	DIMELV =Trailing Edge Phase Dimming Driver DIM10 =0-10V Dimming Driver	Painted BK =Black BZ =Bronze CS =City Silver WT =White Premium Paint AP =Grey DP =Dark Platinum GM =Graphite Metallic	12 =12" ⁵ 24 =24" 36 =36" 42 =42"	EDGE =Edge lit glass lens PC1 =Photocontrol 120V ⁷ PC2 =Photocontrol 208-277V ⁷ RIU =Receptacle - In Use (120V Only) ⁷ RFL =Receptacle - Flip-Lid (120V Only) ⁷ LAB =Less Anchor Bolts & Template ⁸

O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O’Brien Lighting Inc

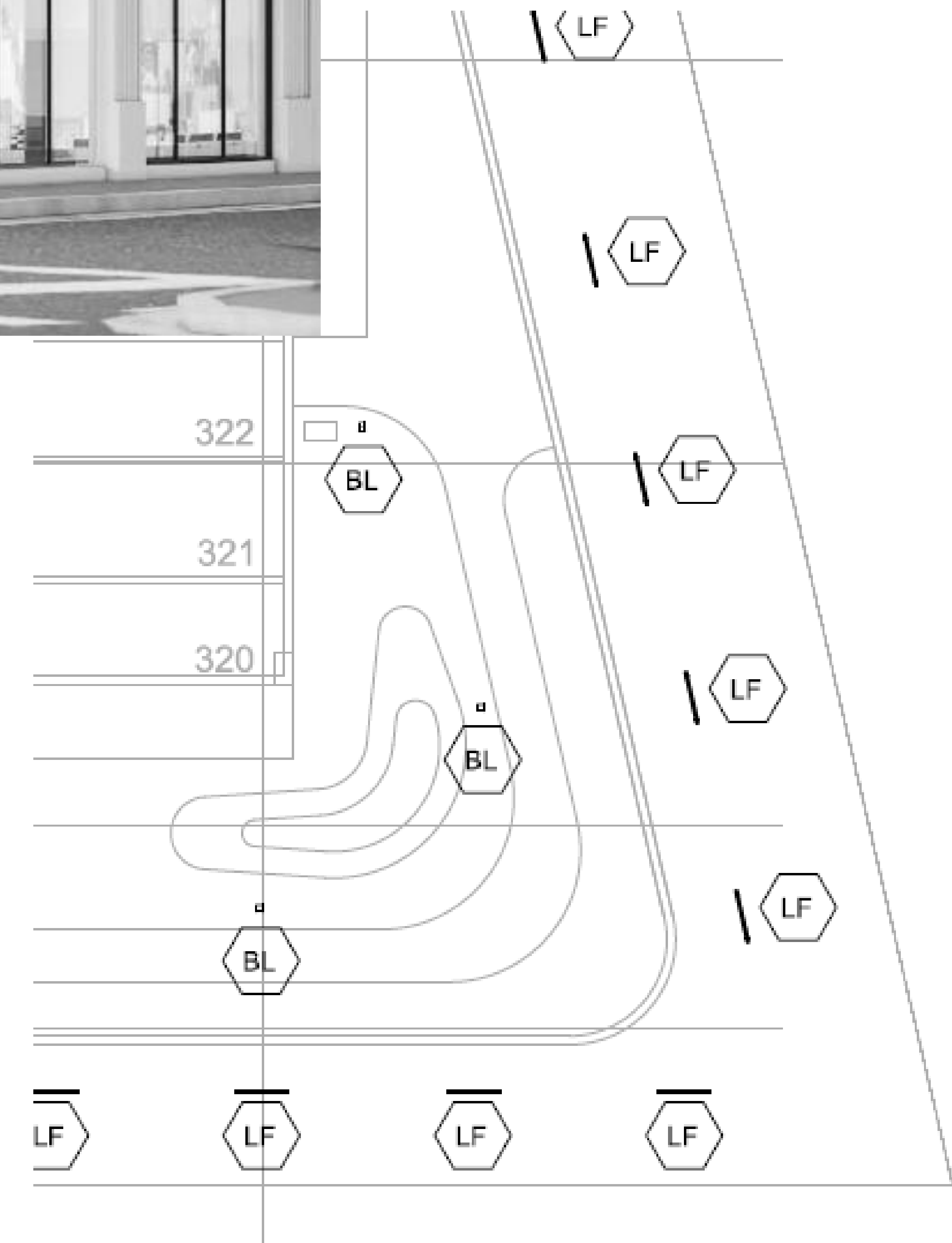
Washington Squared LLC
Ken Fulk

Raymond Jungles Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016



O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

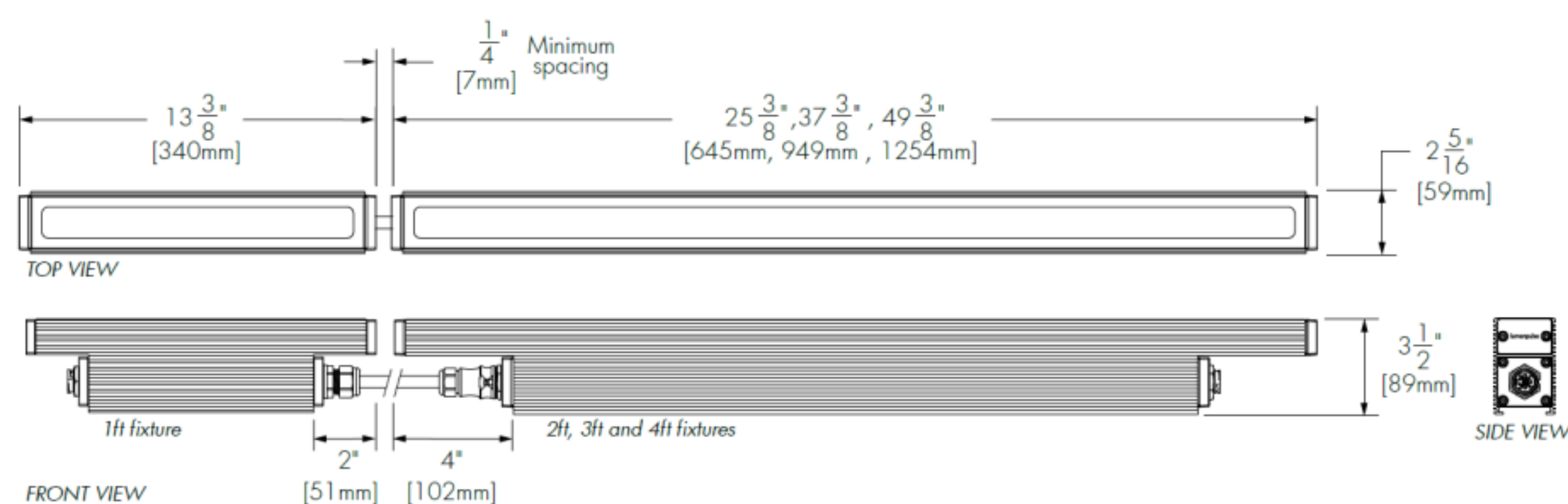
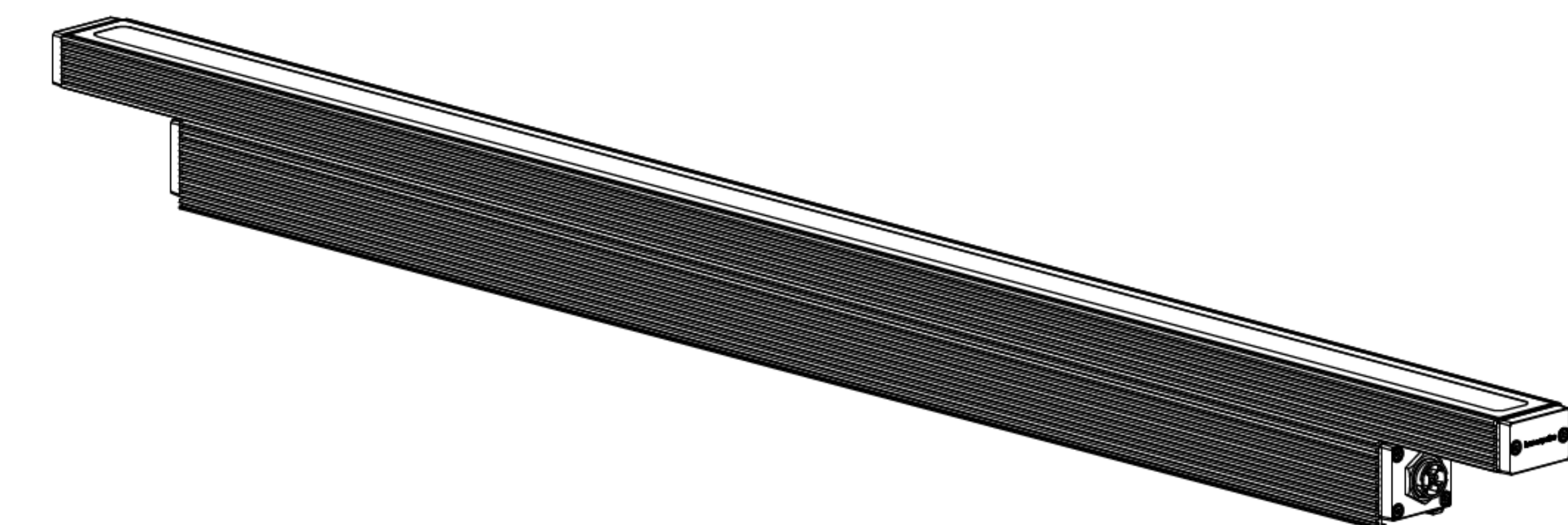
601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

LD-11.12

TYPE LF



HOW TO ORDER

LOG Select:	Select:	Select:	Select:	Select:	Select:	Select:	Select:	Select:
1	2	3	4	5	6	7	8	9

1	Housing: LOG ASHRAE - lumenfacade™, 5W/ft ASHRAE compliant LOG RO - lumenfacade™ Regular Output, 8.5W/ft LOG HO - lumenfacade™ High Output, 15.25W/ft	6	Mounting Option: SAM - Slim Adjustable Mounting UMP - Fixed Mounting (Suitable to use when 3GV option is specified) UMAS - Universal Adjustable Mounting (Suitable to use when 3GV option is specified) WAM2 - Adjustable Wall Mounting 2" WAM6 - Adjustable Extended Arm Mounting 6" WAM12 - Adjustable Extended Arm Mounting 12" WAM18 - Adjustable Extended Arm Mounting 18"
2	Voltage: 100 - 100 volts 120 - 120 volts 208 - 208 volts 220 - 220 volts 240 - 240 volts 277 - 277 volts	7	Finish: SI - Silver SandText BK - Black SandText WH - White CC - Custom (please specify RAL color)
3	Length: 12 - 13 3/8 inches (340mm) (2 kg/4.5 lbs) 24 - 25 3/8 inches (645mm) (3.17 kg/7 lbs) 36 - 37 3/8 inches (949mm) (4.75 kg/10.5 lbs) 48 - 49 3/8 inches (1254mm) (6.35 kg/14 lbs)	8	Control: NO - No Dimming LT - Lumentalk Dimming¹ DIM - 0-10V Dimming option² DMX/RDM - DMX/RDM enabled³ DALI - DALI Dimming option⁴ ES - Lutron® EcoSystem® Enabled Dimming⁵
4	Colors and Color temperatures: 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K RD - Red GR - Green BL - Blue	9	Option: ETE - End - to - end configuration, no jumper cable needed CRC - Corrosion-resistant coating for hostile environments 3GV - 3G ANSI C136.31 Vibration Rating N.B. Available with UMP and UMAS mounting options only.
5	Optics: WWLF - Asymmetric Wallwash optic, left feed* WWRF - Asymmetric Wallwash optic, right feed* 10x10 - 10" x 10" ** 10x60 - 10" x 60" 30x60 - 30" x 60" 60x60 - 60" x 60" *Available September 2015. Right feeding side is standard unless otherwise specified. **For best results use with HQ fixtures at a 6-inch (15cm) setback from surface. Contact factory for application support.		Notes: ¹ Available for 2' RO, 3' and 4' lengths only. 1% minimum dimming value. ² 10% minimum dimming value. ³ 1% minimum dimming value. Fixtures come pre-addressed by fixture (3 DMX channels per fixture). ⁴ 1% minimum dimming value. ⁵ Available for 2' RO, 3' and 4' lengths only. One EcoSystem® address per fixture length. 1% minimum dimming value.

O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O’Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

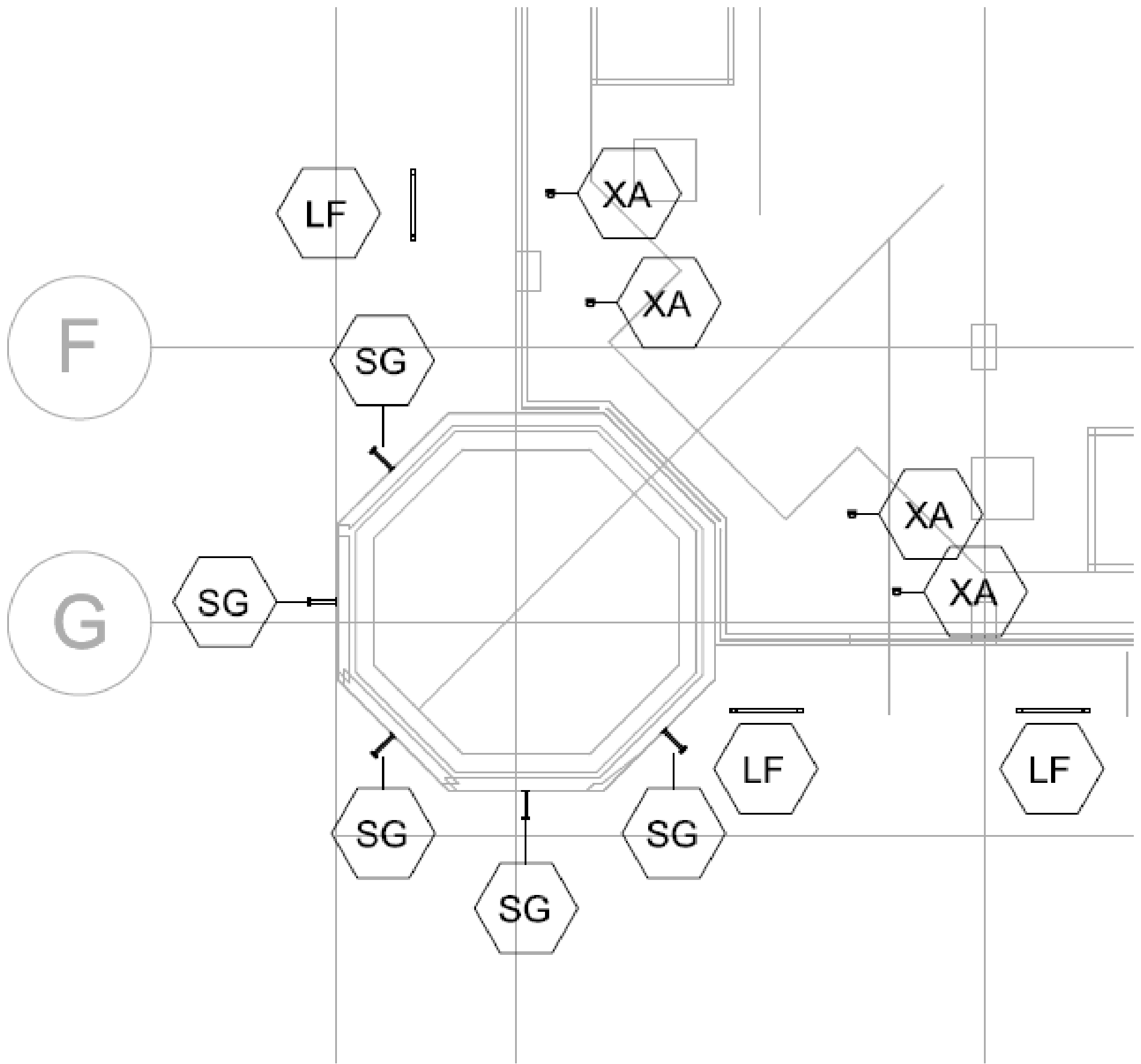
601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016



303-S1-LEDB1
EON LED



O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O’Brien Lighting Inc

Washington Squared LLC
Ken Fulk

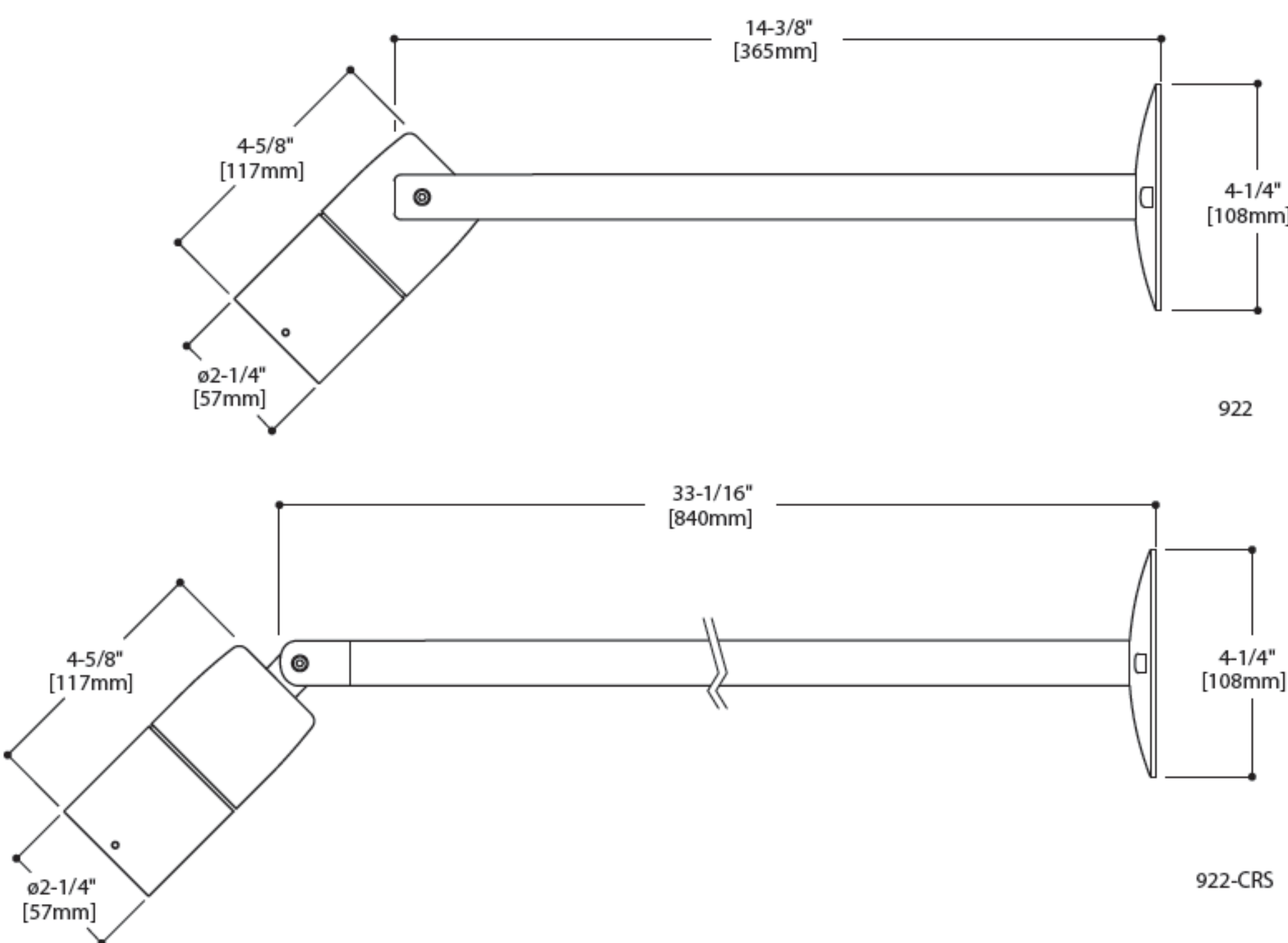
Raymond Jungles Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

TYPE SG



Sample Number: 922-10LED2712-120/12-BK-F70

Series			
922 = LED or MR16 Cambria Sign Light, Standard 14-3/8" Straight Arm, Side Stem, Single Head			
922-CRS = LED or MR16 Cambria Sign Light, Standard 33-1/16" Straight Arm, Center Rear Swivel, Single Head			
Source			
50MR16 = 50W Max Halogen MR16, GU5.3 Base			
6LED2712 = 6W 2700K, 12" Spot, GU5.3 Base			
6LED2721 = 6W 2700K, 21" Narrow, GU5.3 Base			
6LED2741 = 6W 2700K, 41" Wide, GU5.3 Base			
6LED3012 = 6W 3000K, 12" Spot, GU5.3 Base			
6LED3021 = 6W 3000K, 21" Narrow, GU5.3 Base			
6LED3041 = 6W 3000K, 41" Wide, GU5.3 Base			
6LED4012 = 6W 4000K, 12" Spot, GU5.3 Base			
6LED4021 = 6W 4000K, 21" Narrow, GU5.3 Base			
6LED4041 = 6W 4000K, 41" Wide, GU5.3 Base			
6LED5712 = 16W 5700K, 12" Spot, GU5.3 Base			
6LED5721 = 6W 5700K, 21" Narrow, GU5.3 Base			
6LED5741 = 6W 5700K, 41" Wide, GU5.3 Base			
10LED2712 = 10W 2700K, 12" Spot, GU5.3 Base			
10LED2721 = 10W 2700K, 21" Narrow, GU5.3 Base			
10LED2741 = 10W 2700K, 41" Wide, GU5.3 Base			
10LED3012 = 10W 3000K, 12" Spot, GU5.3 Base			
10LED3021 = 10W 3000K, 21" Narrow, GU5.3 Base			
10LED3041 = 10W 3000K, 41" Wide, GU5.3 Base			
10LED4012 = 10W 4000K, 12" Spot, GU5.3 Base			
10LED4021 = 10W 4000K, 21" Narrow, GU5.3 Base			
10LED4041 = 10W 4000K, 41" Wide, GU5.3 Base			
10LED5712 = 10W 5700K, 12" Spot, GU5.3 Base			
10LED5721 = 10W 5700K, 21" Narrow, GU5.3 Base			
10LED5741 = 10W 5700K, 41" Wide, GU5.3 Base			
Voltage			
12 = 12 Volt Remote Transformer Required			
Finish			
Painted			
BK = Black			
BZ = Bronze			
CS = City Silver			
VE = Verde			
WT = White			
Accessories			
Filters			
F71 =Peach Dichroic Filter, 2.00" Dia			
F72 =Amber Dichroic Filter, 2.00" Dia			
F73 =Green Dichroic Filter, 2.00" Dia			
F74 =Medium Blue Dichroic Filter, 2.00" Dia			
F75 =Yellow Dichroic Filter, 2.00" Dia			
F76 =Red Dichroic Filter, 2.00" Dia			
F77 =Dark Blue Dichroic Filter, 2.00" Dia			
F78 =Light Blue Dichroic Filter, 2.00" Dia			
F79 =Neutral Density Dichroic Filter, 2.00" Dia			
F80 =Magenta Dichroic Filter, 2.00" Dia			
F22 =Red Color Filter, 2.00" Dia			
F33 =Blue Color Filter, 2.00" Dia			
F44 =Green Color Filter, 2.00" Dia			
F55 =Yellow Color Filter, 2.00" Dia			
F66 =Mercury Vapor Color Filter, 2.00" Dia			
Optical Lenses			
LSL = Linear Spread Lens (elongate standard beam spread), 2.00" Dia			
OSL = Overall Spread Lens (increase beam spread), 2.00" Dia			
DIF = Diffused Lens (provide even illumination), 2.00" Dia			
Optical Louver			
LVR = Hex Cell Louver (reduce glare), 2.00" Dia			
Lamps for MR16			
EZK = 20W MR16 GU5.3 Bi-Pin Very Narrow Spot			
BAB = 20W MR16 GU5.3 Bi-Pin Flood			
FRA = 35W MR16 GU5.3 Bi-Pin Spot			
EXT = 50W MR16 GU5.3 Bi-Pin Narrow Spot			
EXN = 50W MR16 GU5.3 Bi-Pin Flood			
ESX = 20W MR16 GU5.3 Bi-Pin Narrow Spot			
FRB = 35W MR16 GU5.3 Bi-Pin Narrow Spot			
FMW = 35W MR16 GU5.3 Bi-Pin Flood			
EXZ = 50W MR16 GU5.3 Bi-Pin Narrow Flood			
FNV = 50W MR16 GU5.3 Bi-Pin Very Wide Flood			

Notes:

- Lamp not Included In MR16 version.
- See ACCESSORIES & TECHNICAL DATA section of the Lumiere catalog for Mounting Accessories.
- Consult your Cooper Lighting representative for additional options and finishes.

O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O’Brien Lighting Inc

Washington
Squared LLC
Ken Fulk

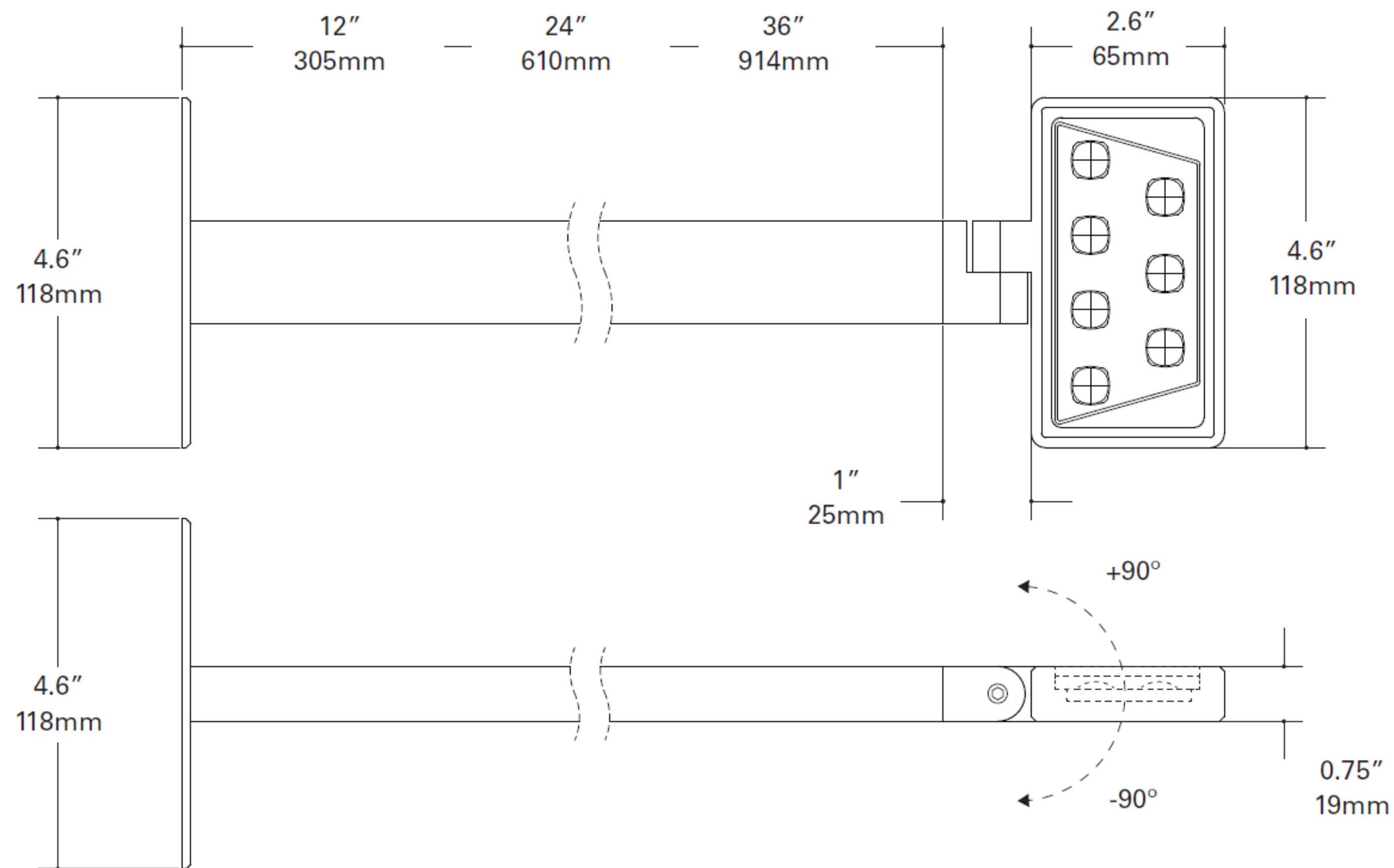
Raymond Jungles
Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

TYPE SG (ALTERNATIVE)



ORDERING INFORMATION

Sample Number: 303-S1-LEDB1-2700-UNV-T2-DIM10-BK-12-EDGE							
Series	Color Temperature	Input Voltage	Optics	Dimming	Finish ¹	Stem Length ²	Options ^{2,3,4}
303-S1-LEDB1 Head contains one (1) Mini LightBAR™	2700 =2700K 3000 =3000K 3500 =3500K 4000 =4000K TSAM =Turtle Safe Amber (585-595nm)	UNV =Universal 120-277, 50/60Hz	T2 =Type II, Lateral Throw T4 =Type IV, Forward Throw T5X =Type V, Extra Wide Flood	DIMELV =Trailing Edge Phase DIM10 =0-10V Dimming	Painted BK =Black BZ =Bronze CS =City Silver WT =White Premium Finish BA =Brushed	12 =12" Stem 24 =24" Stem 36 =36" Stem	EDGE =Edge lit glass lens LCF =LightBAR cover plate matches housing finish

NOTES: **1** Custom and RAL color matching available upon request. Consult factory for further information. **2** Stem lengths are nominal (shown in inches). **3** Add suffix in the order shown. **4** LCF option not available when WT (white) finish is selected.

O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O’Brien Lighting Inc

Washington Squared LLC
Ken Fulk

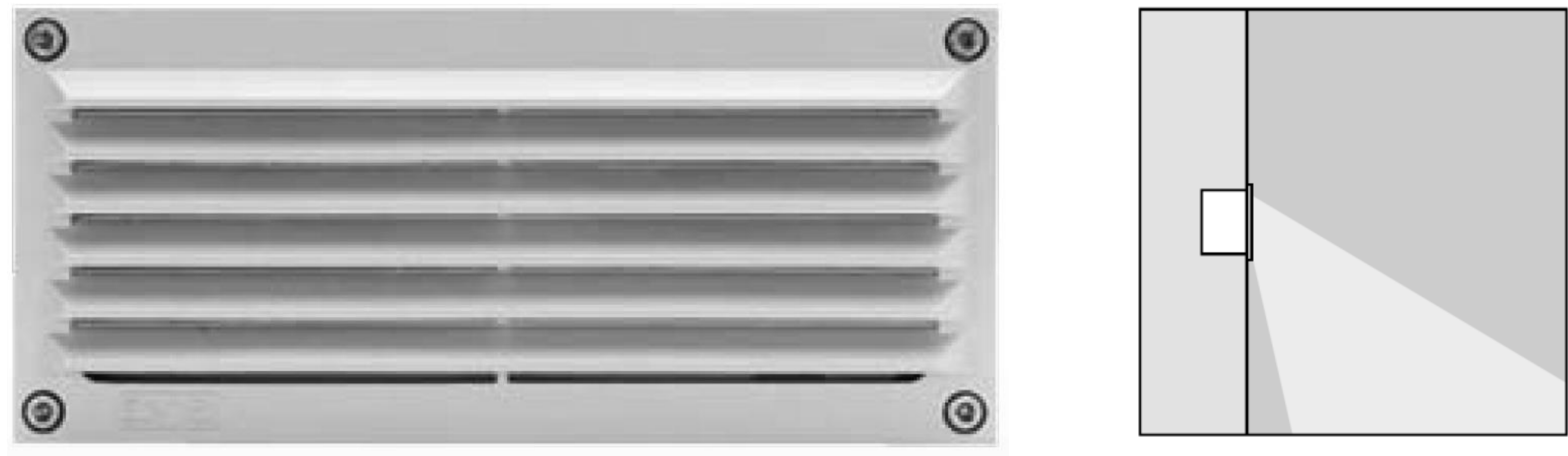
Raymond Jungles Inc.
Nichols Brosch
Wurst Wolfe & Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

TYPE SL



FIXTURE INSTALLATION

STAINLESS STEEL RECESSED BOX TO BE CONNECTED TO CONDUIT BEFORE PORING THE CONCRETE BY CONTRACTOR

USE SUITABLE REMOTE POWER SUPPLY OR TRANSFORMATER 12V (FOR HALOGENE ONLY)

STAINLESS STEEL RECESSED BOX

DIE-CAST ALUMINUM OUTER TRIM

DIE-CAST ALUMINUM HOUSING

ALLEN HEAD SCREWS (X3 OR X4, TYP) (INCLUDED)

ALLEN KEY (INCLUDED)

B

A

A - UNSCREW ALLEN HEAD SCREWS (X3 OR X4, TYP.) USING ALLEN KEY (INCLUDED). REMOVE DIE-CAST ALUMINUM OUTER TRIM.

B - MAKE ALL NECESSARY WIRE CONNECTION USING MARRETTES (NOT INCLUDED) IN THE RECESSED BOX.

C - PLACE DIE-CAST ALUMINUM HOUSING INTO INSTALLED RECESSED BOX AND CONNECT IT TO THE RECESSED BOX TRIM. MAKE SURE THAT THE FIXTURE IS CORRECTLY ORIENTED. FASTEN USING MOUNTING SCREWS (X2, TYP.) (INCLUDED).

O ' B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O'Brien Lighting Inc

Washington Squared LLC
Ken Fulk

Raymond Jungles Inc.
Nichols Brosch
Wurst Wolfe &
Associates

601-685 Washington Ave.
Miami Beach, FL

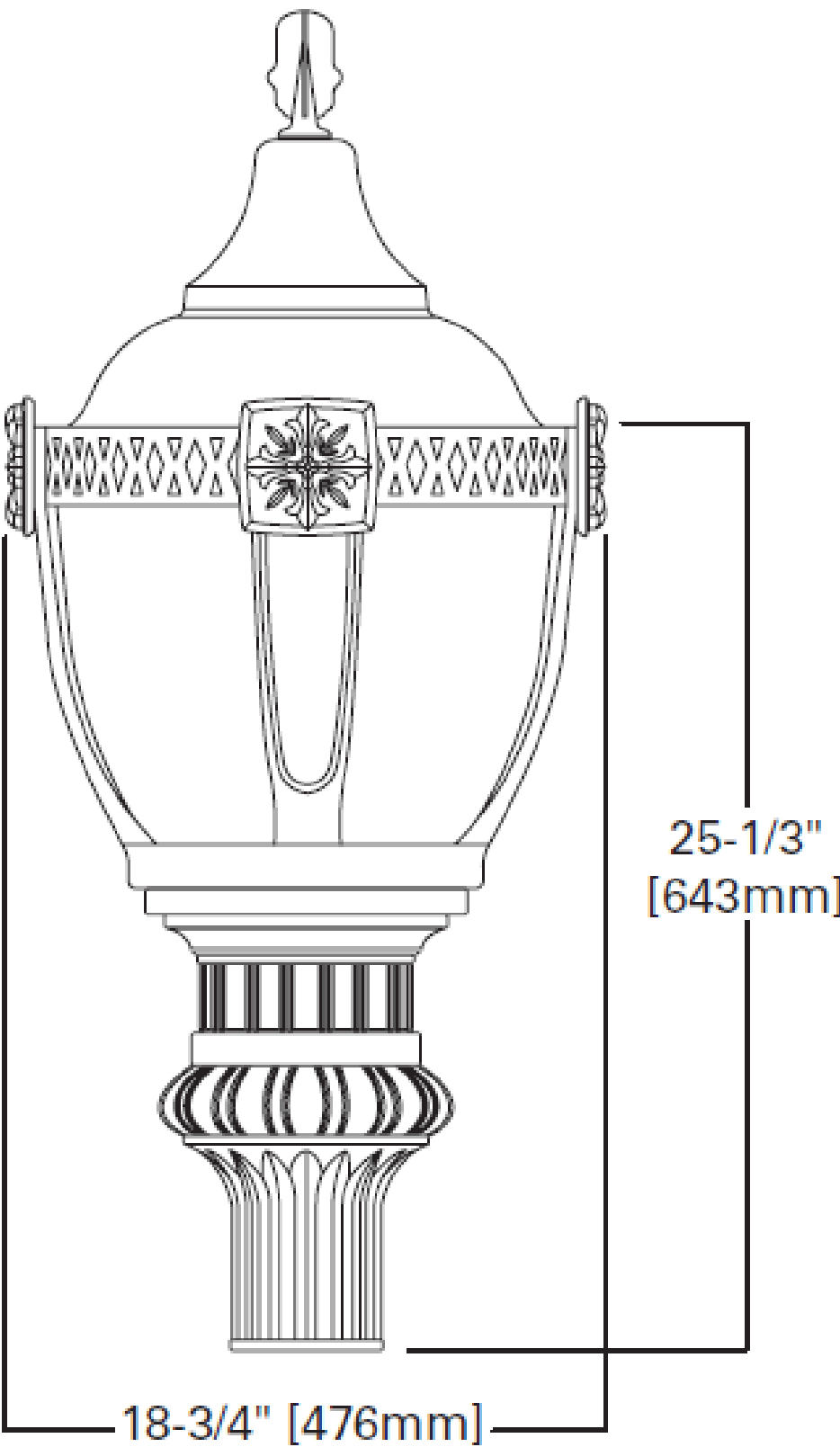
Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016

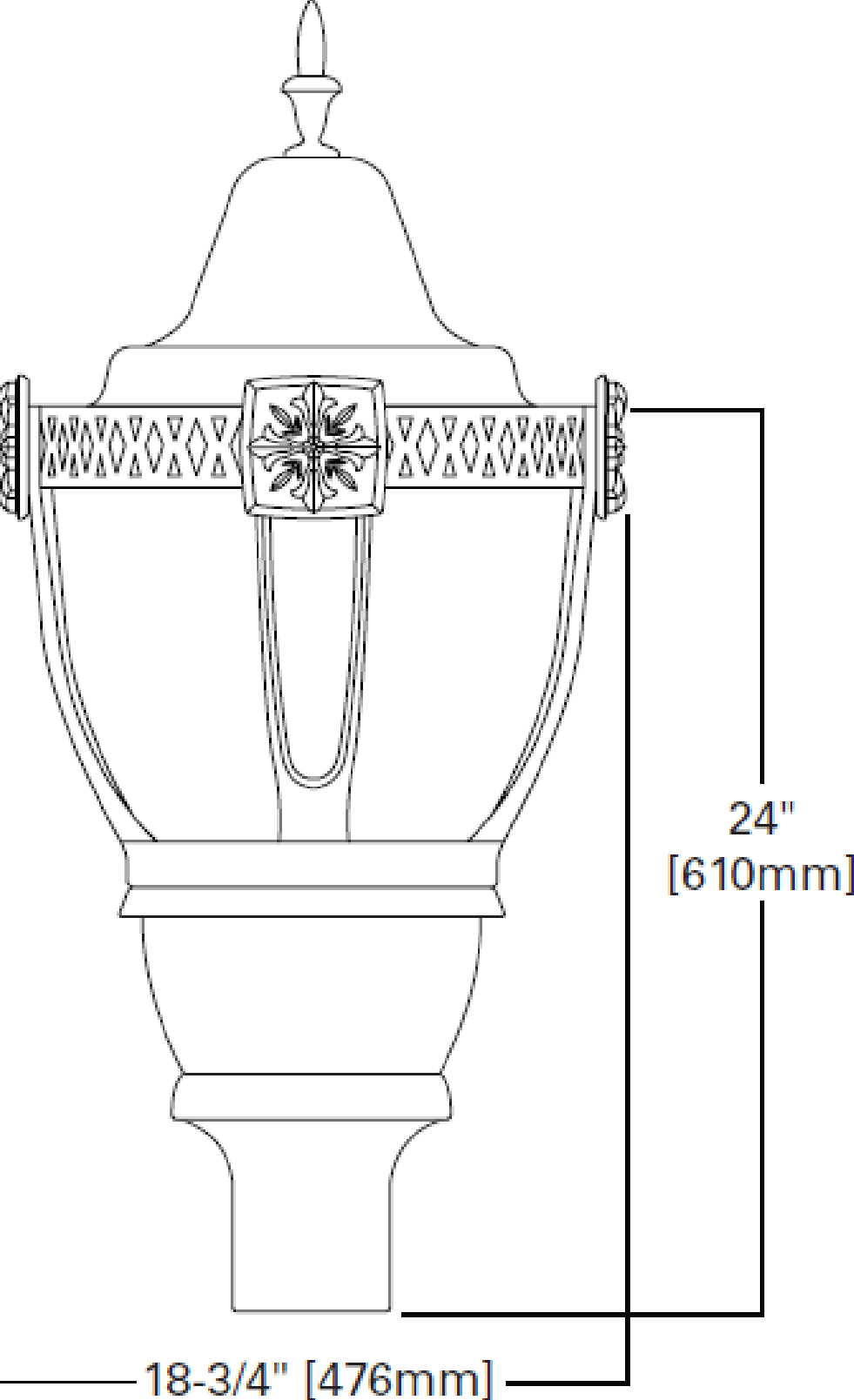
TYPE SP

DIMENSIONS

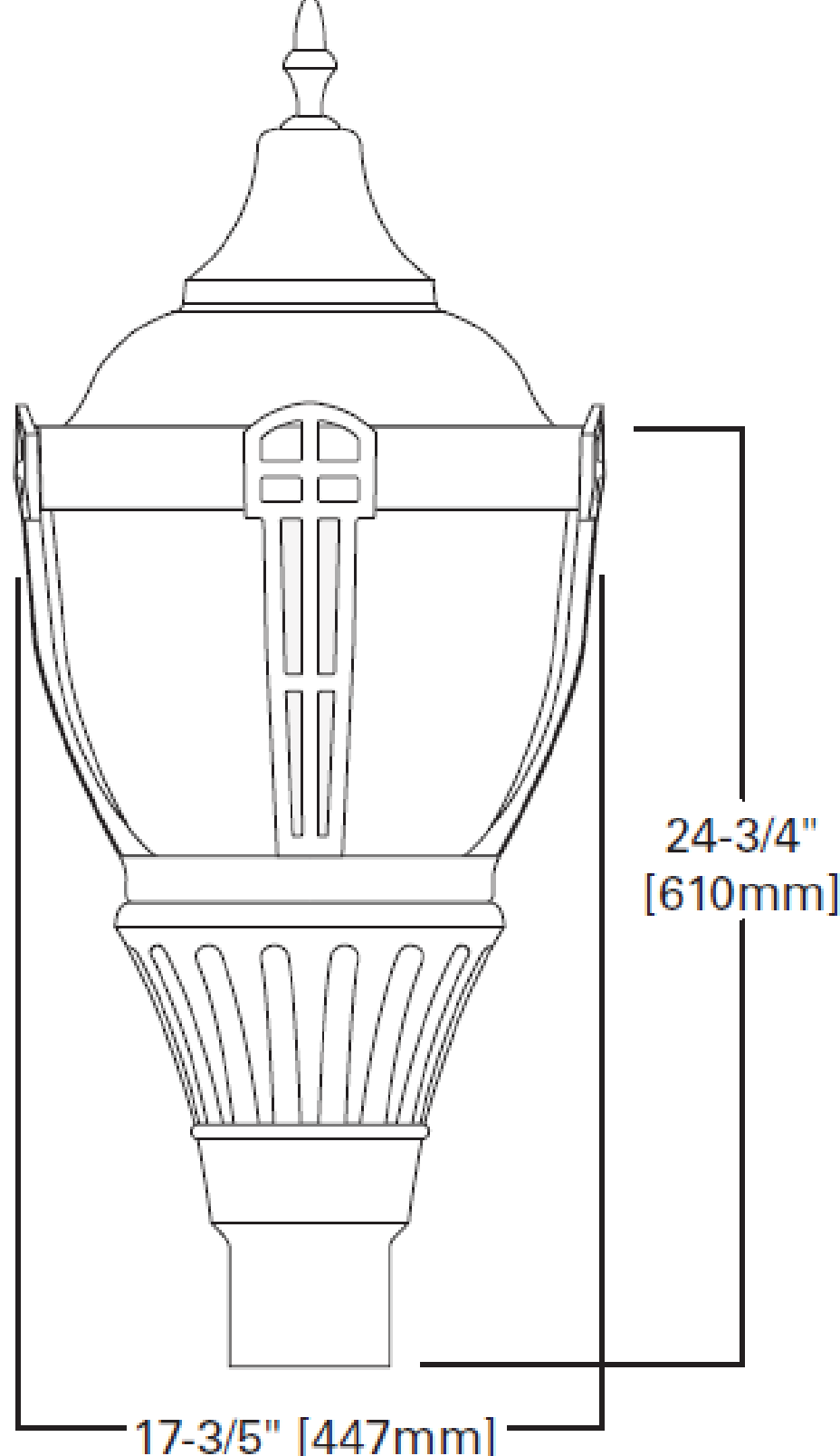
ACN (Acorn Base)



ARC (Architectural Base)



CLB (Classical Base)



ORDERING INFORMATION

Sample Number: ACN-080-LED-E-U-33-1-7-3-BK

Product Family ¹	LED Series	Driver / Lumen Package	Voltage	Refractor Type	Cage Type ⁴	Top Type	Finial Type
ACN=Acorn Base ARC=Architectural Base CLB=Classical Base	080-LED=080 Series	E=Non-Dimming ² D=Dimming ² E50=Non-Dimming / 50% Lumen Output ³ D50=Dimming / 50% Lumen Output ³	U=Universal (120-277V)	33=Type III 55=Type V	Classical 1=Classical A=Classical Sun Gold B=Classical Antique Gold C=Classical Colonial Bronze Modern 2=Modern D=Modern Sun Gold E=Modern Antique Gold F=Modern Colonial Bronze Architectural 3=Architectural G=Architectural Sun Gold H=Architectural Antique Gold J=Architectural Colonial Bronze X=None	1=Acorn 2=Modern 3=Victorian 4=Classical 6=Nostalgic (Top Access) 7=Architectural (Top Access)	1=Victorian 2=Modern 3=Architectural 4=Nostalgic X=None
Color AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GN=Hartford Green GM=Graphite Metallic WH=White	Options (Add as Suffix) 2L=Two Circuits ⁵ SH=Street Side / House Side Switching ⁵ B=Decorative Brass Banding ⁶ C=Copper Accents 4=Internal NEMA Photocontrol Receptacle 4N7=Internal NEMA 7-PIN Twistlock Photocontrol Receptacle ^{7,8,9} U=UL/CSA Listed P=Polycarbonate Refractor GHSS=Generation House Side Shield		Accessories (Order Separately) OA1222=10kV Surge Module GLK080EU=Generations LED Retrofit Light Engine Kit GLK080EU2L=Generations LED Retrofit Light Engine Kit wired for Two Circuit Dimming GLK080EUSH=Generations LED Retrofit Light Engine Kit wired for Street Side / House Side Dimming				

O ’ B R I E N L I G H T I N G , I N C .



Morris Adjmi Architects
www.ma.com
O’Brien Lighting Inc

Washington Squared LLC
Ken Fulk

Raymond Jungles Inc.
Nichols Brosch
Wurst Wolfe & Associates

601-685 Washington Ave.
Miami Beach, FL

Light Fixture Detailed Information

Historic Preservation Board Final Submittal/ 21 March 2016