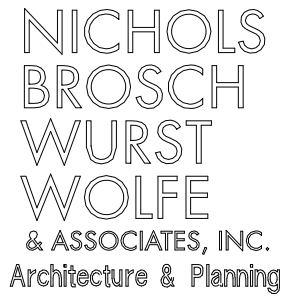


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PRELIMINARY REVIEW SET - NOT FOR CONSTRUCTION																																																																																																																						
GENERAL NOTES 1. THE LIGHTING DESIGNS HAVE BEEN PREPARED IN ACCORDANCE WITH INDUSTRY 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
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OWNER / DEVELOPER:

CONSULTANT:

 **O'BRIEN LIGHTING, INC.**
1511 BRICKELL AVENUE
11TH FLOOR
MIAMI, FL 33131
(P) 305-774-0416 (F) 305-774-0417
WWW.OBRIENLIGHTING.COM

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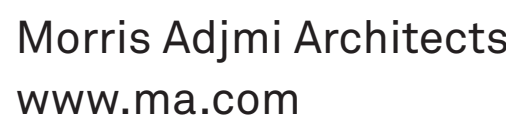
Revisions

Description	Date
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INFO SHEET

LD-0.02



Washington
Squared LLC

Raymond Jungles
Inc.

O'Brien Lighting Inc

Ken Fulk

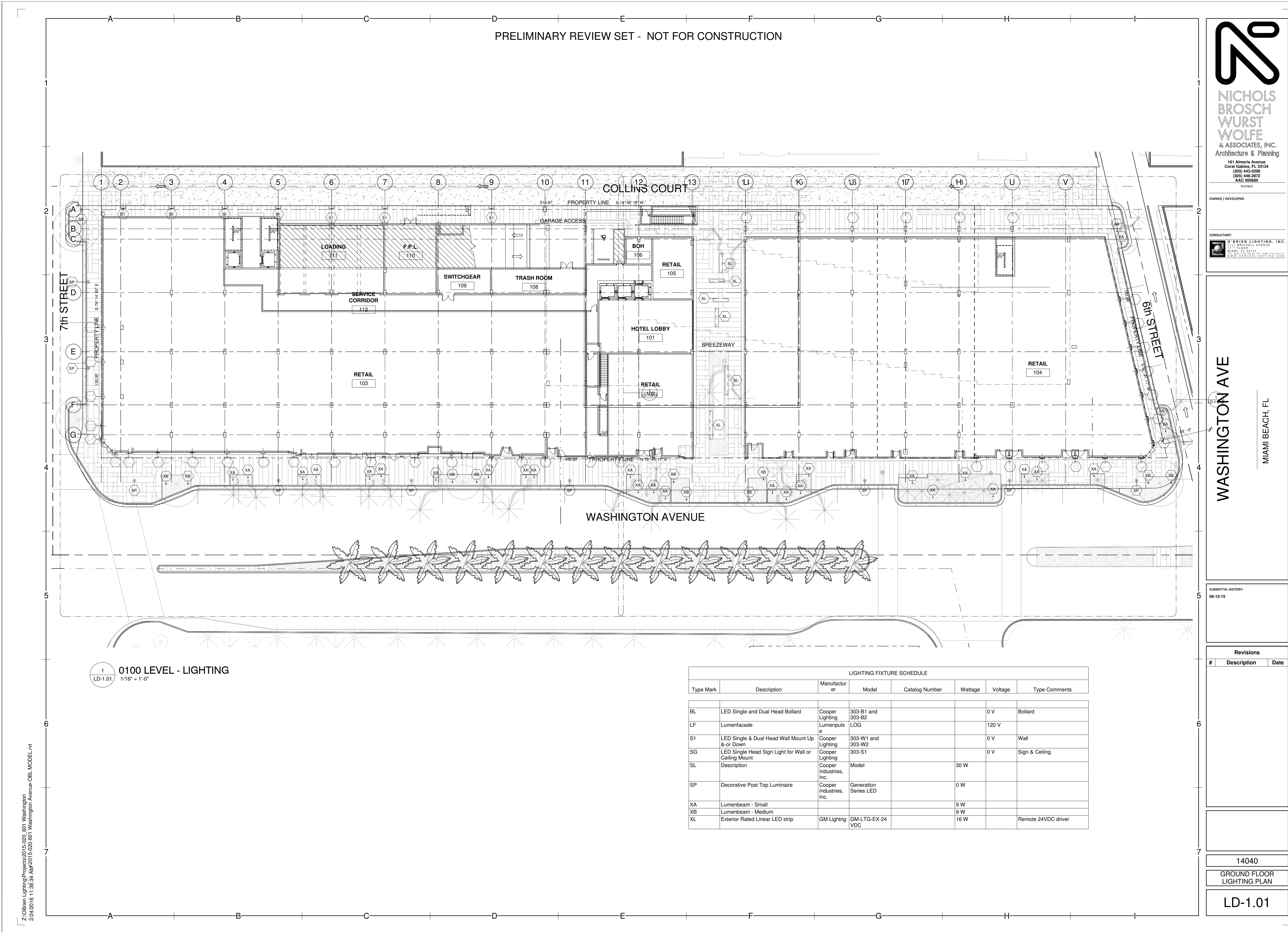
Nichols Brosch
Wurst Wolfe &
Associates

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Miami Beach, FL

Info Sheet

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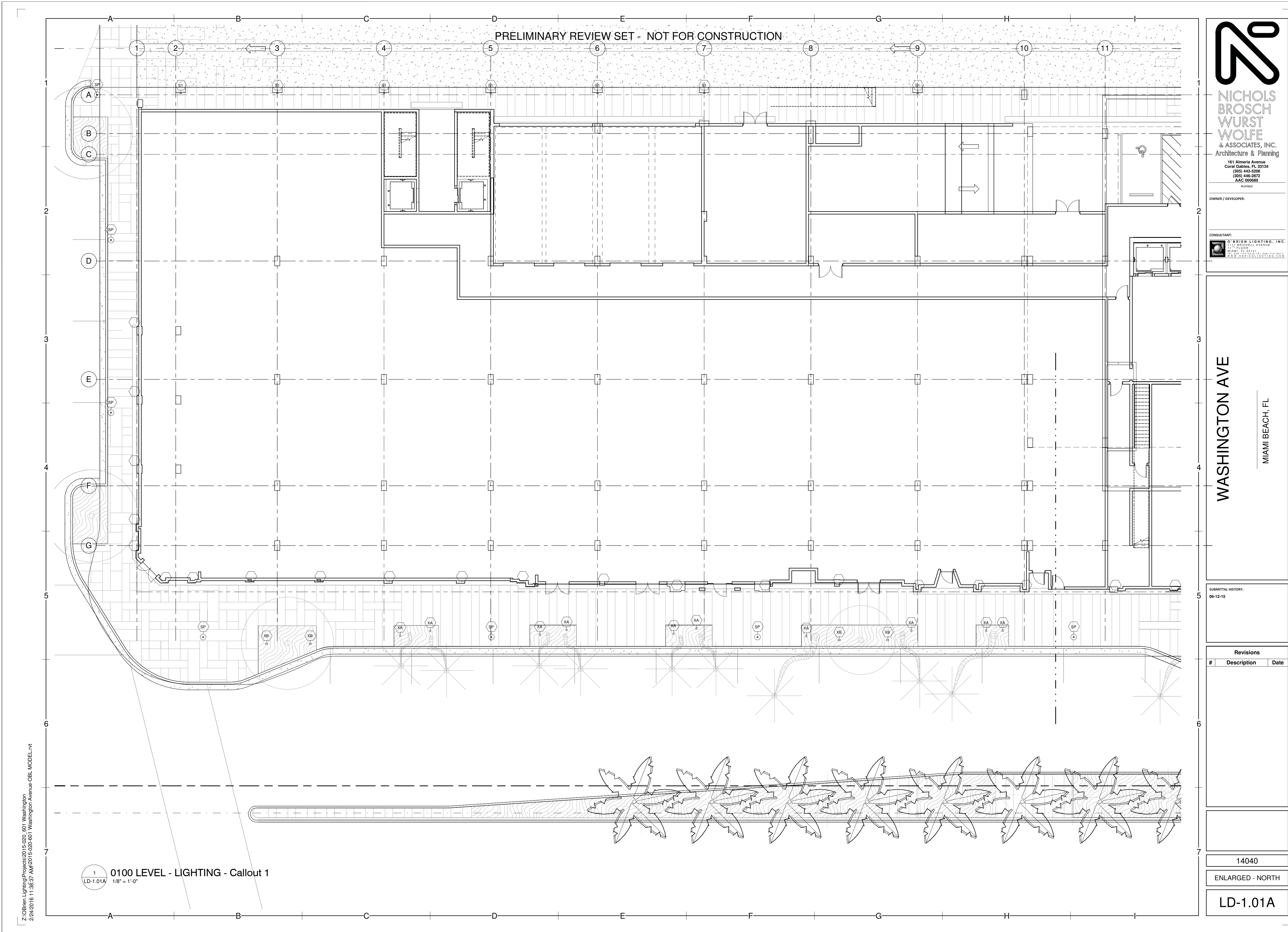
Washington Squared LLC
Ken Fulk

Raymond Jungles Inc.
Nichols Brosch Wurst Wolfe & Associates

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Ground Floor Lighting Plan

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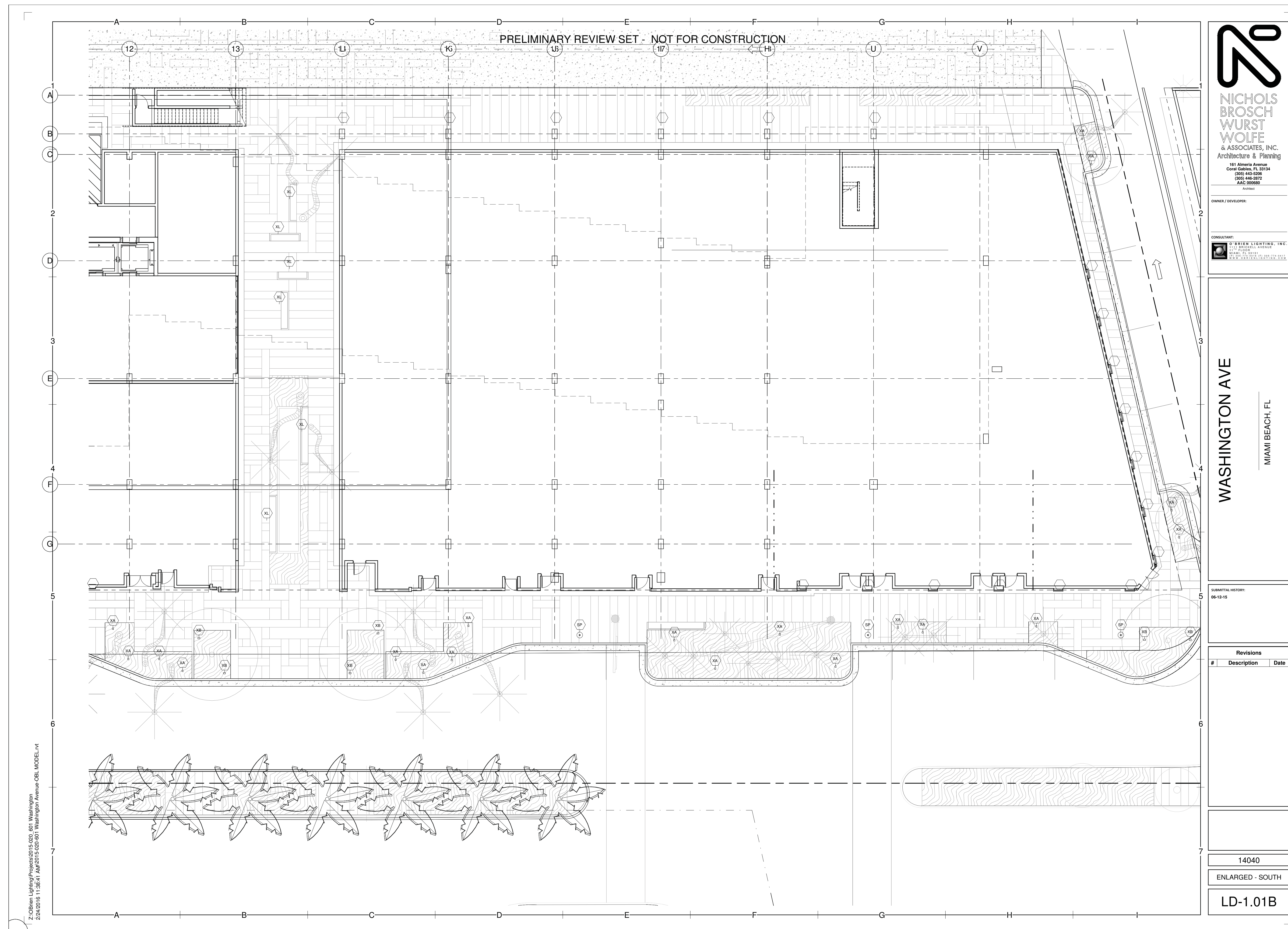
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Associates

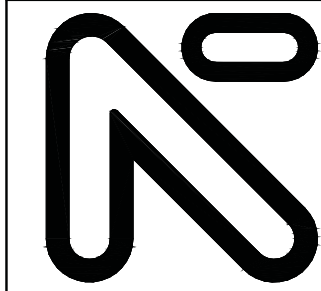
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Level 1 Lighting Plan - Enlarged - North

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LD-1.01A





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Architect

OWNER / DEVELOPER:

CONSULTANT:



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MIAMI, FL 33131
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WASHINGTON AVE

MIAMI BEACH, FL

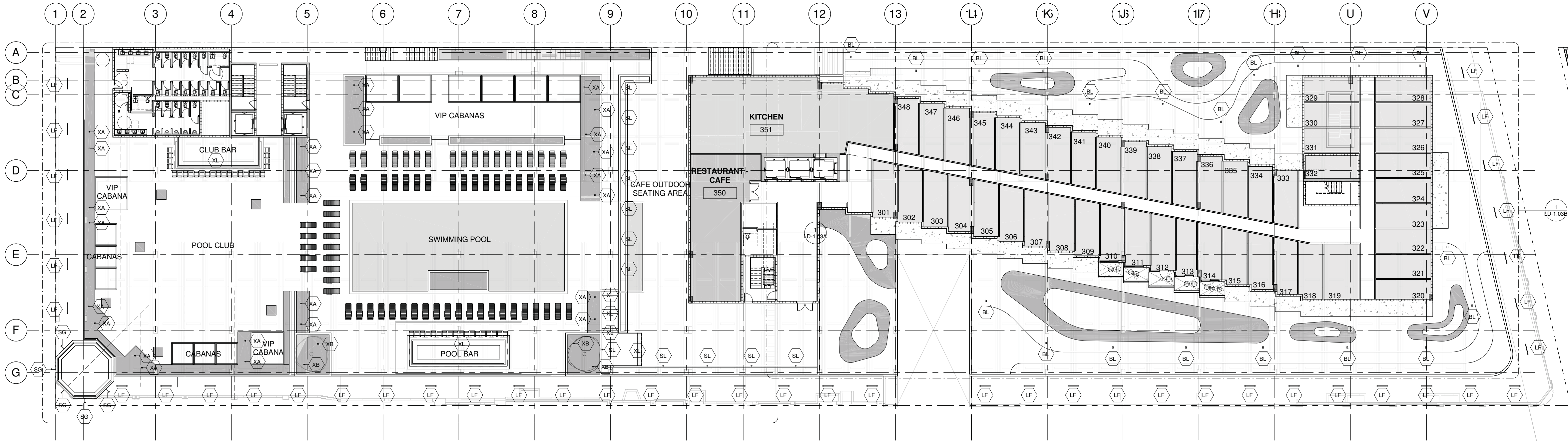
SUBMITTAL HISTORY:
06-12-15

Revisions		
#	Description	Date

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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 Lightng	GM-LTG-EX-24 VDC		16 W		Remote 24VDC driver

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



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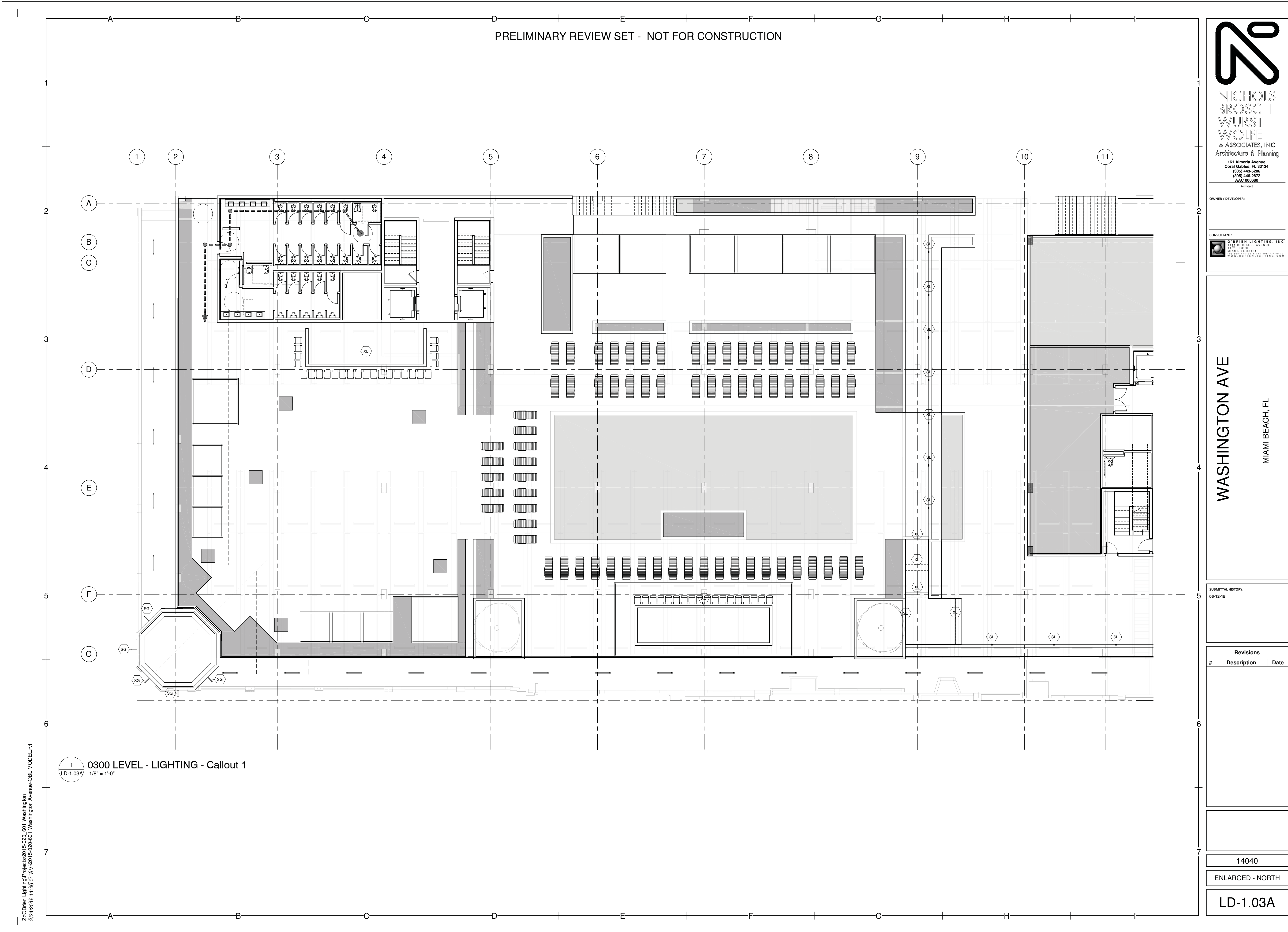
Washington
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Level 3 Lighting Plan

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Level 3 Lighting Plan - Enlarged - North

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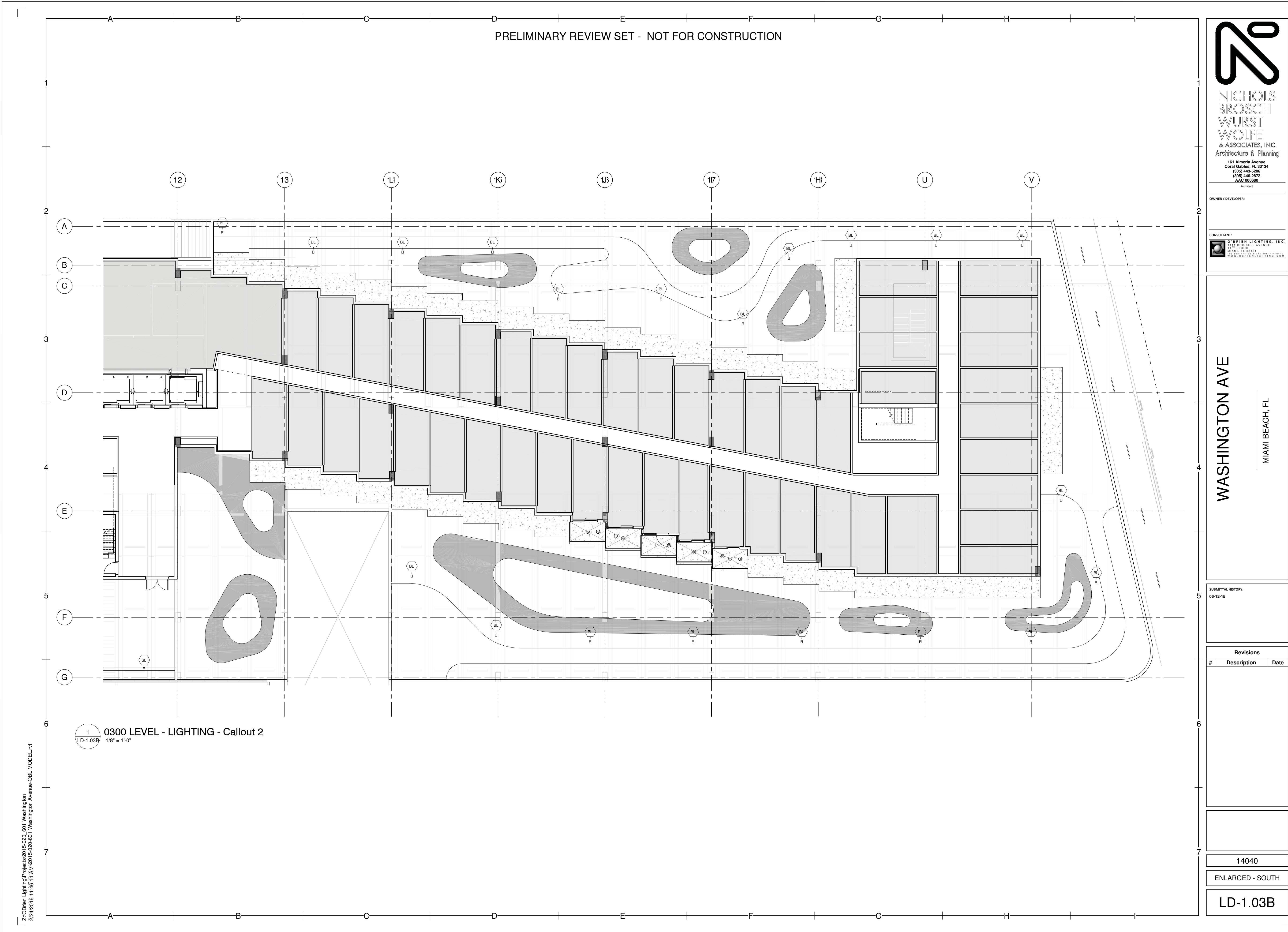
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06-12-15

Revisions		
#	Description	Date

14040
ENLARGED - NORTH
LD-1.03A



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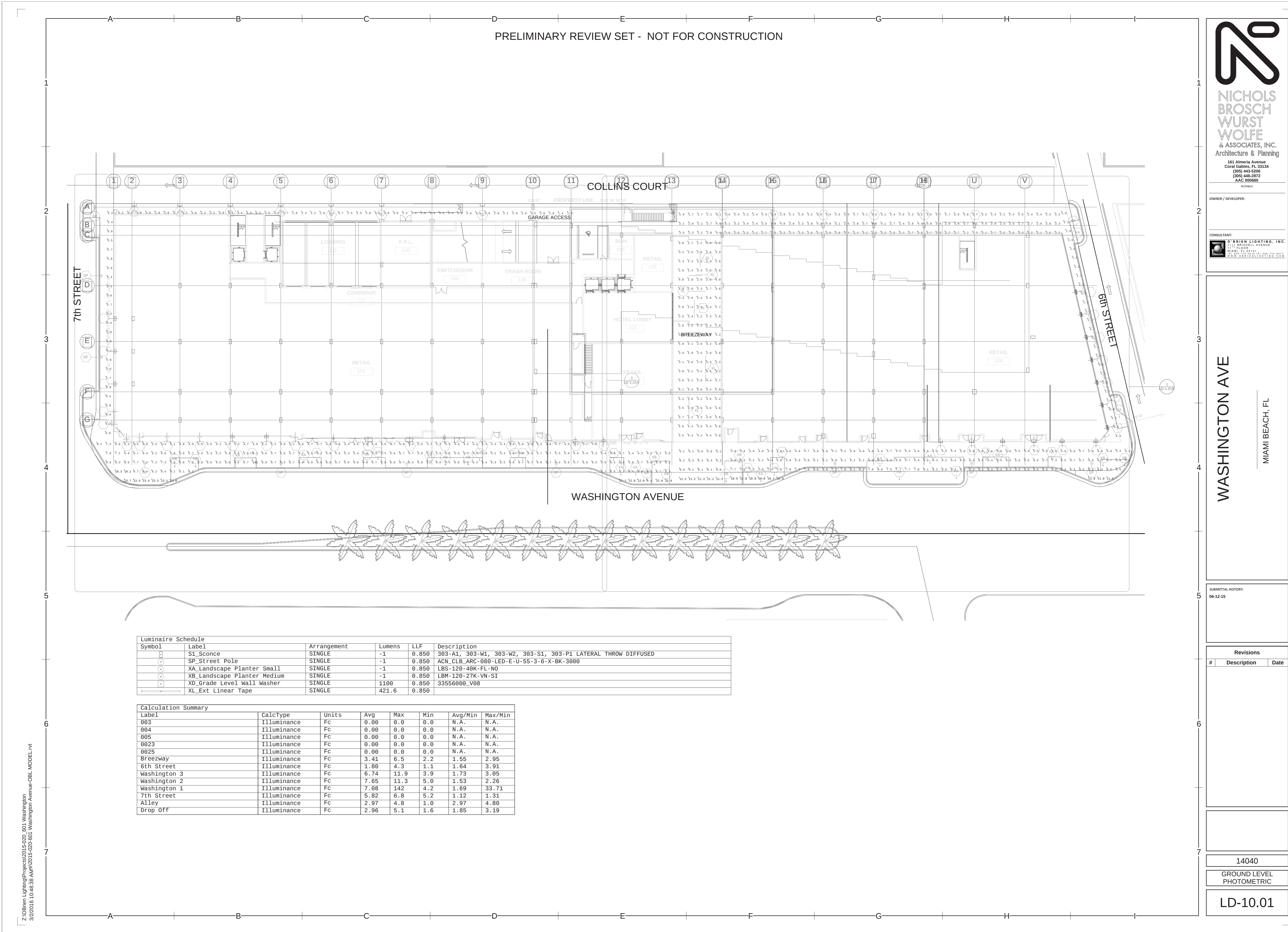
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Level 3 Lighting Plan - Enlarged - South
Planning Board Final Submittal / 2 March 2016

LD-1.03B



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Ground Level Photometric Plan

Planning Board Final Submittal / 2 March 2016



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MIAMI BEACH, FL

SUBMITTAL HISTORY:
06-12-15

PRELIMINARY REVIEW SET - NOT FOR CONSTRUCTION

The site plan illustrates a resort layout with the following key areas:

- VIP CABANAS**: Located in the upper left quadrant.
- CLUB BAR**: Situated below the VIP Cabanas.
- SWIMMING POOL**: A large rectangular pool in the center-left.
- POOL CLUB**: Adjacent to the swimming pool.
- Cafe OUTDOOR SEATING AREA**: Located to the right of the swimming pool.
- CABANA**: Multiple individual cabana units are scattered throughout the plan, particularly along the bottom edge.

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 H0-120-48-35K 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_I
[XA]	XA Landscape Planter Small	SINGLE	-1	0.850	LBS-120-40K-FI-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	9.25	30.00
Cafe Seating Area	Illuminance	Fc	1.14	5.2	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

