

# **EXTERIOR LIGHTING PROGRAM**



Facility Analysis † Engineering

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LUMINAIRE	SCHEDU	ULE *	*SEE FIXTURE CLARIFICATIO	N NOTE #9	(NP) = NEW POLE (CBO) CONTROLLED BY OTHERS	** CONTRACTO	R TO VERIFY MOU	NTING ACCESSORIES BEFORE ORDERING**	
SYMBOL	QTY	LABEL	FIXTURE ARRANGEMENT	TOTAL FIXTURE COUNT	NEW POLE COUNT FIXTURE TYPE / MOUNTING / MANUFACTURER	BUG RATING	MOUNTING HEIGHT	MOUNTING ACCESSORIES	NOTES
	7	UDT1	SINGLE	7	- (UDT) LR6X-7L-30K / CANOPY MOUNT / CREE	B1-U0-G0	MATCH EXISTING	C6-LSA	REPLACE EXISTING FIXTURE
	3	UDV1	SINGLE	3	- (UDV) LR6X-10L-30K / CANOPY MOUNT / CREE	B1-U0-G0	MATCH EXISTING	C6-LSA	REPLACE EXISTING FIXTURE
<b>(</b>	2	UDV2	SINGLE	2	- (UDV) LR6X-10L-30K / CANOPY MOUNT / CREE	B1-U0-G0	8' AFG	C6-LSA	ADD NEW FIXTURE - MATCH EXISTING CANOPY HEIGHT
	2	UDW1	SINGLE	2	- (UDW) LR6X-18L-30K / CANOPY MOUNT / CREE	B1-U0-G0	MATCH EXISTING	C6-LSA	REPLACE EXISTING FIXTURE
\$	2	UGX1 (NEW POLE)	DOUBLE (2@90°)	4	2 (UGX) OSQ-M-B-16L-30K7-5N-UL-NM-BZ / POLE MOUNT / CREE	B4-U0-G3	20' AFG	OSQ-ML-B-DA-BZ	ADD NEW POLE AND FIXTURE
\$	1	UHM1	DOUBLE (2@90°)	2	- (UHM) OSQ-L-B-30L-30K7-4M-UL-NM-BZ / POLE MOUNT / CREE	B3-U0-G3	MATCH EXISTING	OSQ-ML-B-DA-BZ+BLSLF	REPLACE EXISTING FIXTURE
	1	USA1	SINGLE	1	- (USA) SEC-EDG-2S-WM-02-E-UL-BZ-350-30K / WALL MOUNT / CREE	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	2	USF1	SINGLE	2	- (USF) SEC-EDG-3M-WM-02-E-UL-BZ-525-30K / WALL MOUNT / CREE	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	1	USH1	SINGLE	1	- (USH) SEC-EDG-4M-WM-02-E-UL-BZ-350-30K / WALL MOUNT / CREE	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	1	USJ1	SINGLE	1	- (USJ) SEC-EDG-4M-WM-02-E-UL-BZ-700-30K / WALL MOUNT / CREE	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	3	USK1	SINGLE	3	- (USK) SEC-EDG-4M-WM-04-E-UL-BZ-525-30K / WALL MOUNT / CREE	B2-U0-G2	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	1	USK2	SINGLE	1	- (USK) SEC-EDG-4M-WM-04-E-UL-BZ-525-30K / WALL MOUNT / CREE	B2-U0-G2	11' AFG	-	ADD NEW FIXTURE
	1	YB1	SINGLE	1	- EXISTING POLE FIXTURE	-	-	-	OUT OF SCOPE
	2	ZC1	SINGLE	2	- BOA DRIVE UP ATM 4' FIXTURE (GEWH4840BAT)	-	-	-	OUT OF SCOPE

UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROVIDE VERIFICATION IN WRITING TO THE BANK OF AMERICA PJM

• MINIMUM OF 3 PHOTOS OF EACH COMPLIANCE AREA (ATM(S), AFTER-HOUR DEPOSITORIES, ASSOCIATE ENTRY) FROM DIFFERENT

2. REMOVE AND PATCH - EXISTING FIXTURES TO BE FULLY REMOVED AND ANY PAINTING, PATCHING OR ELECTRICAL WORK NEEDED IS TO BE ASSESSED AND PERFORMED BY CONTRACTOR.

3. REPLACE EXISTING FIXTURE - EXISTING FIXTURE TO BE FULLY REMOVED AND REPLACED IN THE SAME LOCATION WITH A NEW FIXTURE. CONTRACTOR TO VERIFY IF POLE AND/OR POLE BASE IS SUFFICIENT FOR THE NEW FIXTURES. ANY PAINTING, PATCHING OR ELECTRICAL WORK NEEDED IS TO BE ASSESSED AND PERFORMED BY CONTRACTOR.

4. ADD NEW FIXTURE - NEW FIXTURES TO BE ADDED. ANY PAINTING, PATCHING OR ELECTRICAL WORK NEEDED TO BE ASSESSED AND PERFORMED BY CONTRACTOR.

5. ADD NEW POLE & FIXTURE - A NEW POLE AND FIXTURE TO BE ADDED. CONTRACTOR TO SPECIFY POLE TO MATCH EXISTING STYLE AND COLOR AND, IF NOT PROVIDED, POLE BASE DATA FOR NEW POLE LOCATIONS. CONTRACTOR TO VERIFY IF POLE AND POLE BASE IS SUFFICIENT FOR THE HEIGHT, LOCATION AND FIXTURE SPECIFIED.

6. GMR DOES NOT SPECIFY MOUNTING HARDWARE FOR ANY SPECIFIED TIXTURES. CONTRACTOR IS TO WORK WITH

9. ALL FIXTURES ARE ASSUMED BRONZE IN COLOR UNLESS NOTED OTHERWISE IN THE LUMINAIRE SCHEDULE.

DISTRIBUTOR AND/OR MANUFACTURER ON A CASE BY CASE BASIS TO IDENTIFY AND ORDER REQUIRED MOUNTING 7. CONTRACTOR TO VERIFY WHETHER EXISTING WIRING LOCATIONS OR THE ADDITION OF WIRING FOR NEW FIXTURE

GENERAL NOTES:

1. EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED ON A LIMITED AMOUNT OF INFORMATION AVAILABLE TO THE ENGINEER. ALL SUCH CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO SUBMITTING THE BID AND

ADJUSTED IF NECESSARY. NO ADDITIONAL COMPENSATION SHALL BE GRANTED AFTER AWARDING A BID FOR ANY

3. TRIM ALL TREES/LANDSCAPING TO MINIMIZE IMPEDING LIGHT FROM ANY LIGHT FIXTURES THAT IMPACT THE 60' RADIUS AROUND ALL ATMS AND A RADIUS OF 50' AROUND ALL AFTER-HOUR DEPOSITORIES. CONSIDERATION MUST BE GIVEN

EQUIPMENT, MATERIAL OR LABOR REQUIRED TO REWORK OR OTHERWISE MODIFY EXISTING CONDITIONS.

THIS LIGHTING DESIGN IS BASED ON A COMBINATION OF STATE STANDARDS, THE BANK'S CURRENT SECURITY POLICY
FOR EXTERIOR ATM AND AFTER-HOUR DEPOSITORIES AND BANK GUIDELINES FOR NON-SECURITY COMPLIANCE ZONES.

TO TREES/LANDSCAPING IN A STATE OF FULL FOLIAGE/BLOOM AND FUTURE GROWTH. ALL LANDSCAPING WORK WILL BE PERFORMED BY OTHERS WITH A SEPARATE PERMIT (IF REQUIRED).

DIMENSIONING PROVIDED IS FOR PROPOSED FIXTURE LOCATIONS ONLY, UNLESS OTHERWISE NOTED ON THE DRAWING.

FUNCTIONING DURING NIGHTTIME HOURS. COMPLETION PHOTOS, TAKEN AT NIGHT, SHALL BE PROVIDED IN THE FOLLOWING

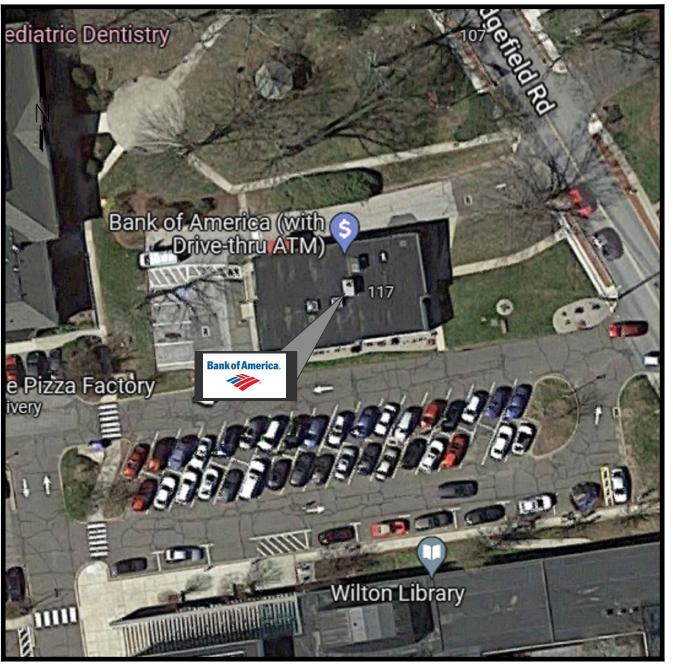
SITE PHOTOS FROM ALL SIDES OF BUILDING

MINIMUM OF 2 PHOTOS OF ALL NON-COMPLIANCE AREAS FROM DIFFERENT ANGLES

LOCATIONS IS SUFFICIENT FOR THE DESIGNATED FIXTURE LOCATION. 8. CONTRACTOR TO SPECIFY POLE COLOR AND TYPE PRIOR TO ORDERING.

4. ALL MOUNTING HEIGHTS ARE INTENDED TO THE BOTTOM OF THE FIXTURE.

CONDUIT IS NECESSARY, THE CONTRACTOR SHALL VERIFY USE WITH PROJECT MANAGER.



**VICINITY MAP** 

# Bank of America®

# LOBBY/ASSOCIATE ENTRY

OLD RIDGEFIELD RD.

**SCALE:** 1/2" = 1'-0"

- PROFESSIONAL SURVEYS.
  SHOULD STAMPED PHOTOMETRIC DRAWINGS BE REQUIRED, CONTRACTOR SHALL ENGAGE LOCAL ENGINEER OR LIGHTING
- CONTRACTOR SHALL PROVIDE THE BANKING CENTER NOTIFICATION AT LEAST ONE WEEK IN ADVANCE OF VISITING SITES OR

- SHALL ADJUST EXTERIOR LIGHTING TO THE CORRECT CONTROL CIRCUIT AS REQUIRED. PHOTOCELL CONTROL:
- MANUAL CONTROL:

LOCATION NOT IN CLOSE PROXIMITY TO THE IC3 CONTROLS, CONTRACTOR SHALL VERIFY TIME CLOCK IS SET PROPERLY AND LEAVE

CONTRACTOR SHALL VERIFY THAT NO EXTERIOR LIGHTING IS CONTROLLED MANUALLY. IF ANY EXTERIOR LIGHTING IS ON A MANUALLY CONTROLLED CIRCUIT, CONTRACTOR SHALL ADJUST TO BE CONTROLLED BY PHOTOCELL OR IC3, WHICHEVER IS MOST ECONOMICALLY ACCOMPLISHED.

# **EXISTING CONDITIONS:**

# CONTRACTOR RESPONSIBILITY NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR PERMITTING, INCLUDING COORDINATION WITH THE LOCAL JURISDICTION AND ANY ASSOCIATED PERMIT FEES OR PROCESSING. CONTRACTOR SHALL NOTIFY GMR UPON RECEIPT OF PERMIT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITTING DOCUMENTS THAT ARE NOT INCLUDED IN THE LIGHTING DESIGN PACKAGE. THESE INCLUDE, BUT ARE NOT LIMITED TO, STAMPED ELECTRICAL DRAWINGS, STAMPED POLE BASE DRAWINGS, AND

- STARTING WORK.

  CONTRACTOR SHALL VERIFY VOLTAGE REQUIREMENTS FOR FIXTURES PRIOR TO PLACEMENT OF FIXTURE ORDERS.

  CONTRACTOR TO VERIFY LIGHTING CONTROLS PRIOR TO BEGINNING CONSTRUCTION. SEE LIGHTING CONTROL NOTES.

  CONTRACTOR TO VERIFY LIGHTING CONTROLS PRIOR TO BEGINNING CONSTRUCTION. SEE LIGHTING CONTROL NOTES.

  CONTRACTOR SHALL RECEIVE FORMAL APPROVAL FROM GMR ON ANY FIXTURE MODIFICATIONS OR VARIATIONS FROM THE
- LUMINAIRE SCHEDULE.

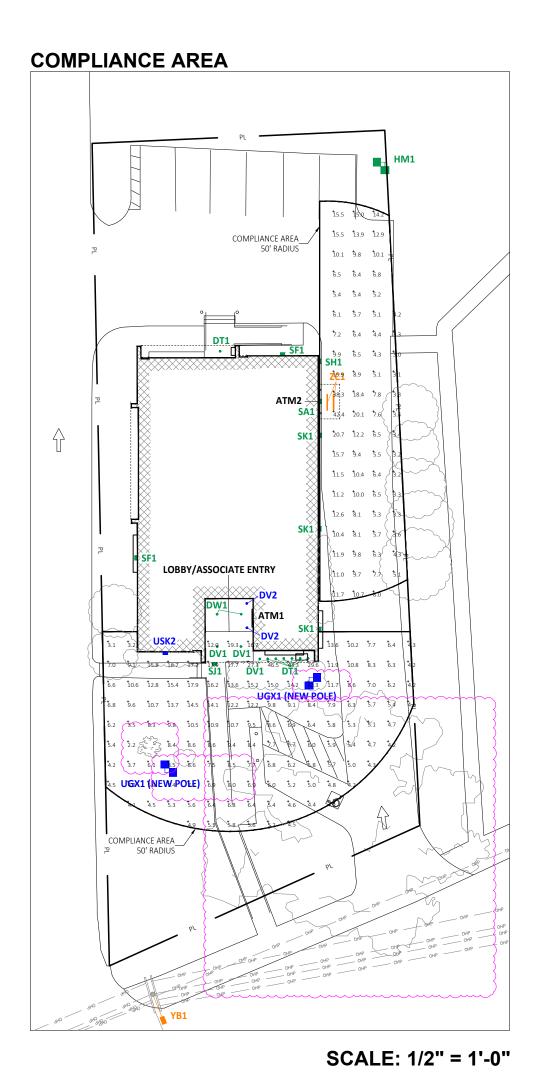
  8. CONTRACTOR SHALL VERIFY EXISTING AND PROPOSED FIXTURE MOUNTING CONDITIONS IN FIELD. ANY SPECIAL MOUNTING HARDWARE NEEDED FOR PROPOSED FIXTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

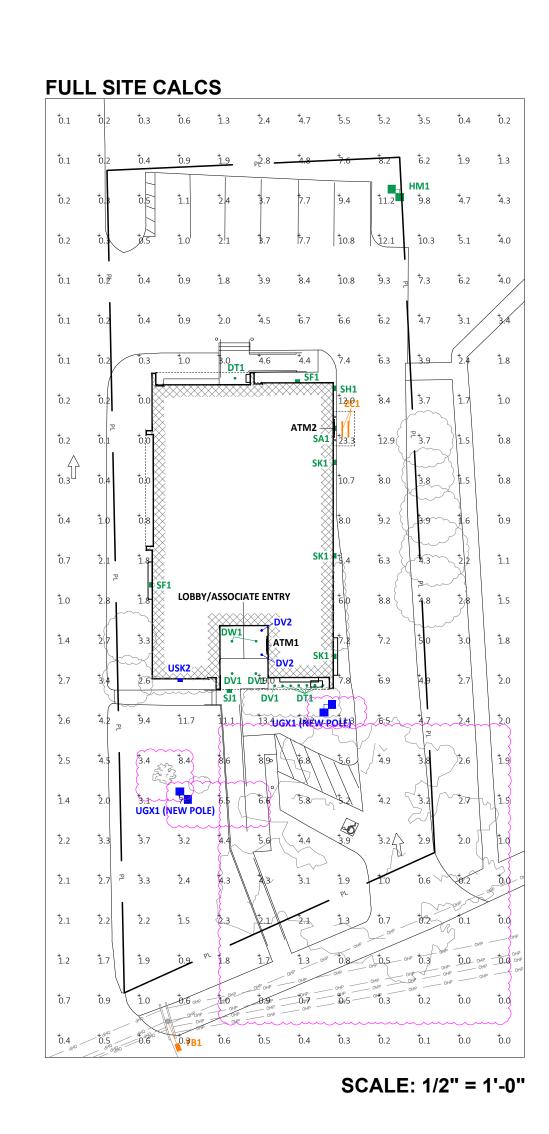
  9. CONTRACTOR SHALL SUPPLY ALL NEW LIGHT POLES. NEW LIGHT POLES SHALL MATCH EXISTING CONDITIONS ON SITE FOR POLE
- 12. CONTRACTOR SHALL REPAIR ANY DISTURBED AREAS BACK TO EXISTING CONDITION INCLUDING PAVED AREAS, LANDSCAPED AREAS, 13. CONTRACTOR SHALL VERIFY AND DOCUMENT COMPLETED WORK DURING NIGHT HOURS. ALL FIXTURES MUST BE FUNCTIONAL
- 14. CONTRACTOR SHALL PROVIDE BEFORE AND AFTER NIGHT TIME PHOTOS OF THE SITE.
  15. CONTRACTOR SHALL UTILIZE THE "BOA ELP INCENTIVE SITE SURVEY FORM" TO DOCUMENT THE EXACT DETAILS OF EACH FIXTURE BEING REMOVED FOR REBATE AND ENERGY SAVINGS CALCULATION PURPOSES.
  16. CONTRACTOR SHALL RECEIVE A PUNCHLIST FROM GMR UPON FINAL SURVEY FOR ANY REMAINING ITEMS TO BE COMPLETED.

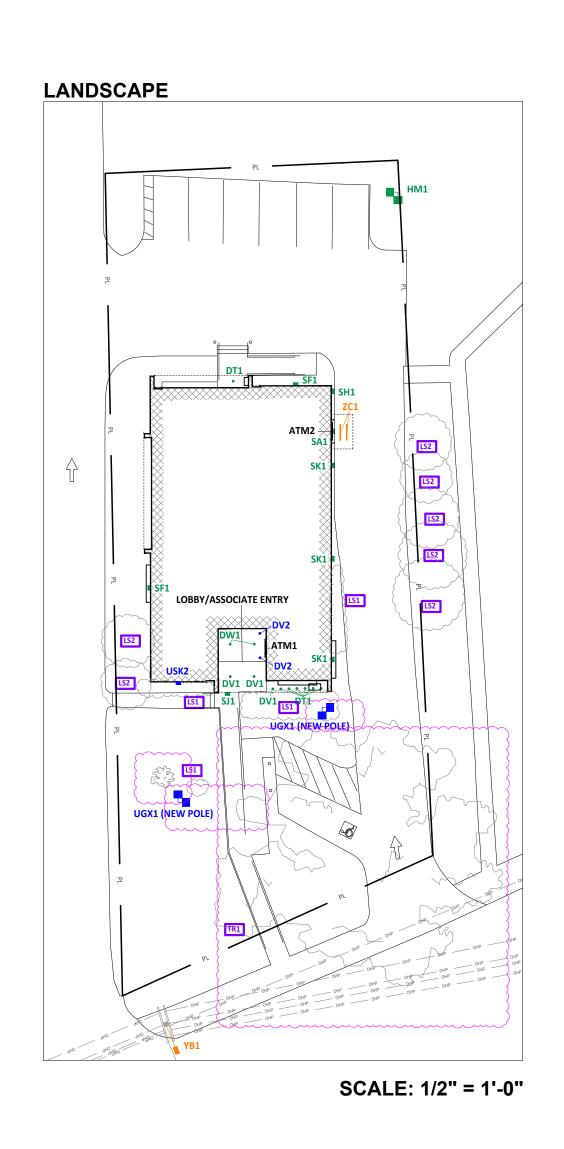
# THE CONTRACTOR SHALL VERIFY THE CONTROLS FOR ALL EXTERIOR LIGHTING AND ATM/AHD INTERIOR LOBBIES ON THE SITE (EXCLUDING

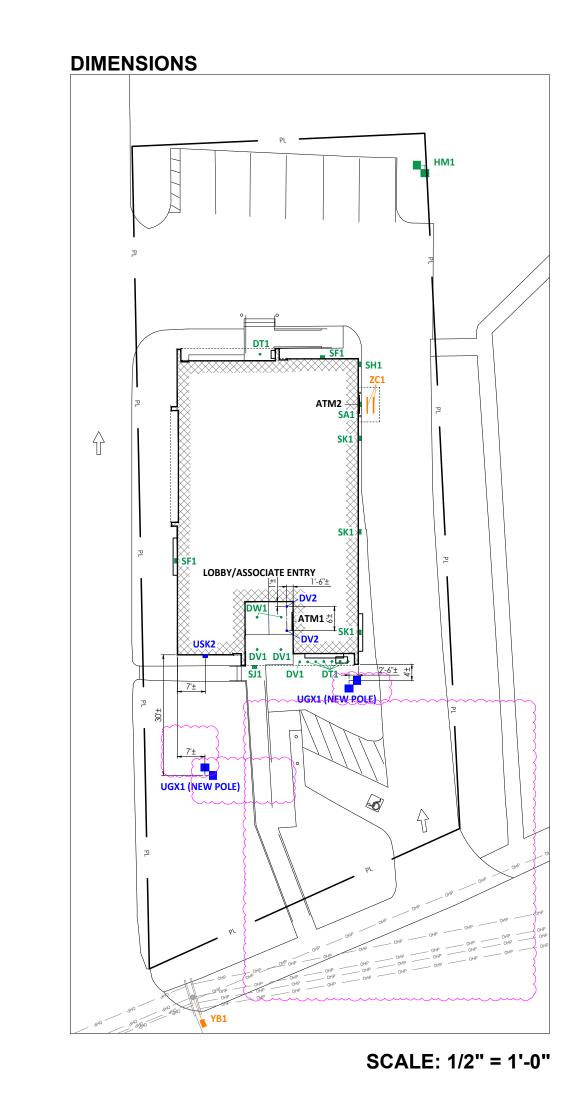
- LIGHTING IS INCLUDED ON CONTROL CIRCUITS FOR INTERIOR SYSTEMS, INTERIOR LIGHTING, OR EXTERIOR SIGNAGE, CONTRACTOR
- CONTRACTOR SHALL REPLACE EXISTING PHOTOCELLS WITH NEW AND INSTALL IN A LOCATION BEST SUITED TO PROVIDE
- CIRCUIT ON TIME CLOCK CONTROL.

# 8. ALL EXISTING LIGHTS WILL BE REPLACED WITH LED LIGHTS AND ALL PROPOSED LIGHTS WILL ALSO BE LED, UNLESS ALL FIXTURES ARE TO BE MOUNTED ABOVE FINISH GRADE. 10. UNLESS OTHERWISE NOTED, MATCH EXISTING POLE BASES. SITE ABBREVIATIONS: AFG = ABOVE FINISHED GRADE CBO = CONTROLLED BY OTHERS AHD = AFTER HOUR DEPOSITORY NOTE: THIS LIGHTING PLAN ILLUSTRATES ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINARIES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER RELATED VARIABLE FIELD









# N.T.S.

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GREEN = EXISTING FIXTURE LOCATION TO BE REPLACED

PINK = REPLACE WITH NEW POLE AT NEW HEIGHT

— PL — = PROPERTY LINE BASED ON COUNTY APPRAISAL INFORMATION

**BLUE = NEW FIXTURE** 

ORANGE = EXISTING FIXTURE TO REMAIN

= INDICATES NEW SECURITY FENCE

TURQUOISE = FIXTURE TO BE REMOVED

v2 211221

<u>/3\</u>		
2		
1		KRM
REVISION NO.	DESCRIPTION	REVISED BY



Wilton CT2-255 117 Old Ridgefield Rd Wilton, CT

SITE D	ETAILS
1011	DRAWN BY:

TOTAL DRAWN BY:

APPROVED BY:

AJH

ET NO.

DRAWN BY:

APPROVED BY:

KRM

NOTE: THIS LIGHTING PLAN ILLUSTRATES ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINARIES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER RELATED VARIABLE FIELD CONDITIONS.

QTY	LABEL	NOTES	MOUNTING HEIGHT
7	UDT1	REPLACE EXISTING FIXTURE	MATCH EXISTING
3	UDV1	REPLACE EXISTING FIXTURE	MATCH EXISTING
2	UDV2	ADD NEW FIXTURE - MATCH EXISTING CANOPY HEIGHT	8' AFG
2	UDW1	REPLACE EXISTING FIXTURE	MATCH EXISTING
2	UGX1 (NEW POLE)	ADD NEW POLE AND FIXTURE	20' AFG
1	UHM1	REPLACE EXISTING FIXTURE	MATCH EXISTING
1	USA1	REPLACE EXISTING FIXTURE	MATCH EXISTING
2	USF1	REPLACE EXISTING FIXTURE	MATCH EXISTING
1	USH1	REPLACE EXISTING FIXTURE	MATCH EXISTING
1	USJ1	REPLACE EXISTING FIXTURE	MATCH EXISTING
3	USK1	REPLACE EXISTING FIXTURE	MATCH EXISTING
1	LICKS		111 450

UNIT CALCS 50'							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ATM2 50' @ 36"	Illuminance	Fc	9.26	42.4	3.0	3.09	14.13
LOBBY 50' @ 36"	Illuminance	Fc	8.99	46.5	2.2	4.09	21.14
NOTES.	•				•		

1. READINGS ARE MEASURED AT 36" (3') ABOVE GRADE.

FULL SITE CALCS							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
FULL SITE @ GRADE	Illuminance	Fc	3.38	23.3	0.0	N.A.	N.A.
NOTES:  1. THE SCOPE OF WORK FOR THI SHOWN ON THE PLANS. 2. REFERENCE THE LUMINAIRE SC							5

ISTING CONDITIONS:
EXISTING POLES - DECORATIVE - STEEL
EXISTING POLE BASES - 5"
EXISTING DRIVE THRU CEILING - N/A

SYMBOL	QTY	NOTES
TR1	1	TRIM TREE UP TO 15' AND AWAY FROM LIGHT FIXTURE TO ENSURE THAT IT DOES NOT INTERFERE WITH INTENDED ILLUMINATION
LS1	-	TRIM LANDSCAPING DOWN TO 36"
LS2	7	REMOVE LANDSCAPING AND REPLACE WITH LANDSCAPING THAT CAN BE MAINTAINED AT 36"

LANDSCAPE SCHEDULE CM = CRAPE MYRTLE UNK = UNKNOWN