

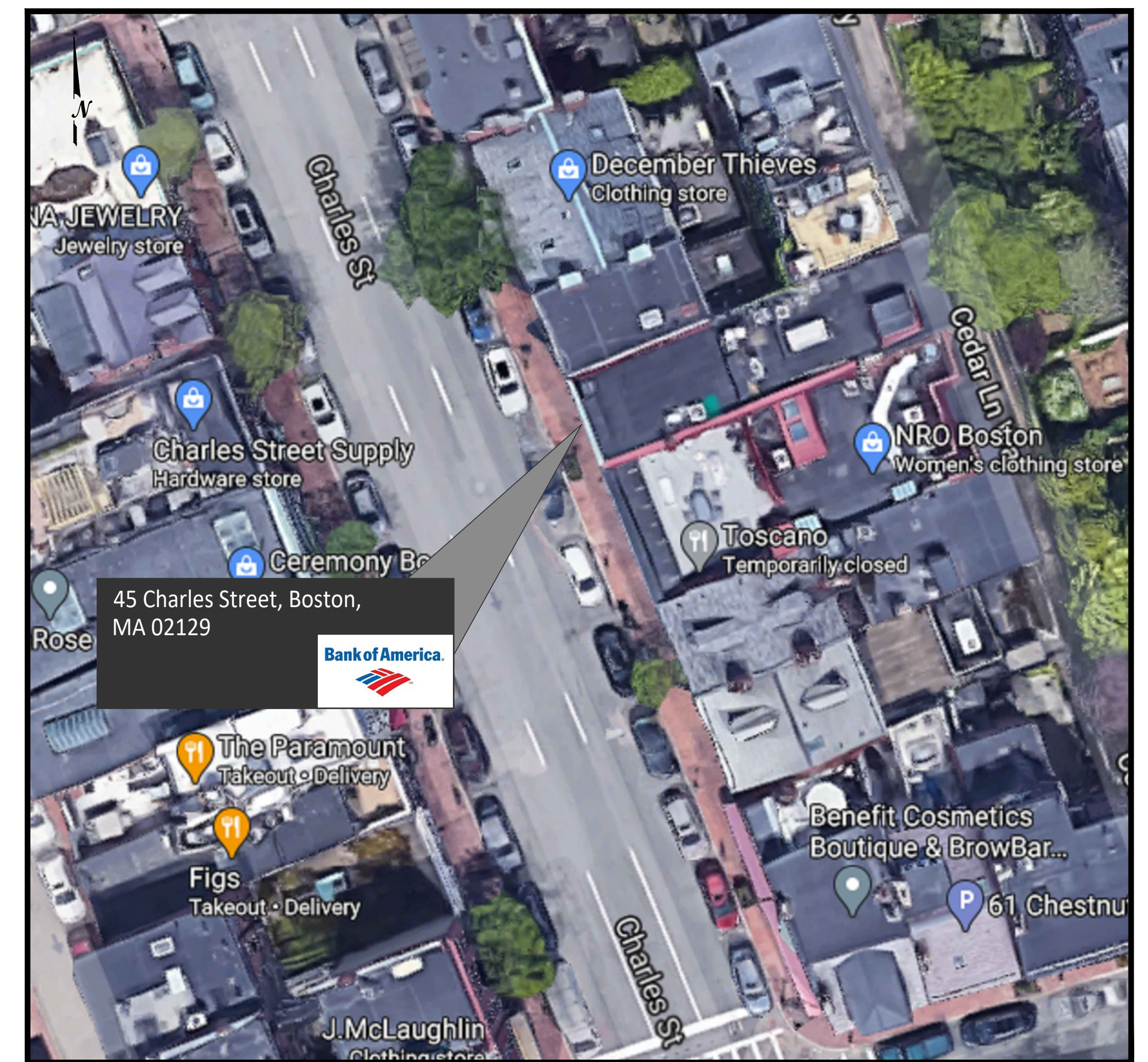


EXTERIOR LIGHTING PROGRAM

MAW-102 45 Charles Street Boston, MA

DRAWING INDEX:

- COVER SHEET
- LU-1 GENERAL NOTES
- LU-2 LUMINAIRE SCHEDULE
- LU-3 OVERALL SITE PLAN
- LU-4 FULL SITE PHOTOMETRICS PLAN AT GRADE
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- LU-7 LANDSCAPING PLAN
- LU-8 ATM COMPLIANCE AREA PHOTOMETRICS PLAN - FOR BANK USE ONLY



VICINITY MAP

v4 210729



1629 Smirl Drive, Suite 200, Heath, Texas 75032
 www.gmr1.com
 Office: (972) 771-6038

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 PROFESSIONAL SURVEYS.
- SHOULD STAMPED PHOTOMETRIC DRAWINGS BE REQUIRED, CONTRACTOR SHALL ENGAGE LOCAL ENGINEER OR LIGHTING DESIGNER AS REQUIRED TO PROVIDE STAMP ON GMR PHOTOMETRIC DESIGN DOCUMENTS.
- CONTRACTOR SHALL PROVIDE THE BANKING CENTER NOTIFICATION AT LEAST ONE WEEK IN ADVANCE OF VISITING SITES OR 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 SHALL RECEIVE FORMAL APPROVAL FROM GMR ON ANY FIXTURE MODIFICATIONS OR VARIATIONS FROM THE LUMINAIRE SCHEDULE.
- 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.
- CONTRACTOR SHALL SUPPLY ALL NEW LIGHT POLES. NEW LIGHT POLES SHALL MATCH EXISTING CONDITIONS ON SITE FOR POLE TYPE AND PAINT COLOR.
- CONTRACTOR SHALL ORDER ALL FIXTURES FROM BORDER STATES IN ACCORDANCE WITH BANK OF AMERICA NATIONAL ACCOUNT. CONTACT NATIONAL ACCOUNT QUOTES DEPARTMENT AT BOA@BORDERSTATES.COM OR 704-372-3040.
- CONTRACTOR SHALL PERFORM ALL NECESSARY PATCHING OR REPAINTING FOR ADDED, REMOVED, OR REPLACED FIXTURES.
- CONTRACTOR SHALL REPAIR ANY DISTURBED AREAS BACK TO EXISTING CONDITION INCLUDING PAVED AREAS, LANDSCAPED AREAS, ETC.
- CONTRACTOR SHALL VERIFY AND DOCUMENT COMPLETED WORK DURING NIGHT HOURS. ALL FIXTURES MUST BE FUNCTIONAL DURING NIGHT HOURS PRIOR TO SCHEDULING A FINAL SURVEY WITH GMR.
- CONTRACTOR SHALL PROVIDE BEFORE AND AFTER NIGHT TIME PHOTOS OF THE SITE.
- 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.
- CONTRACTOR SHALL RECEIVE A PUNCHLIST FROM GMR UPON FINAL SURVEY FOR ANY REMAINING ITEMS TO BE COMPLETED.

CONTROLS & ADDITIONAL NOTES:

LIGHTING CONTROL NOTES:

THE CONTRACTOR SHALL VERIFY THE CONTROLS FOR ALL EXTERIOR LIGHTING AND ATM/AHD INTERIOR LOBBIES ON THE SITE (EXCLUDING SIGNAGE) AND ADJUST ACCORDING TO THE FOLLOWING:

- IC3 CONTROL**
 CONTRACTOR SHALL VERIFY THAT EXTERIOR LIGHTING CIRCUITS ARE CONTROLLED BY THE CORRECT IC3 CIRCUIT. WHERE EXTERIOR LIGHTING IS INCLUDED ON CONTROL CIRCUITS FOR INTERIOR SYSTEMS, INTERIOR LIGHTING, OR EXTERIOR SIGNAGE, CONTRACTOR SHALL ADJUST EXTERIOR LIGHTING TO THE CORRECT CONTROL CIRCUIT AS REQUIRED.
- PHOTOCELL CONTROL:**
 CONTRACTOR SHALL REPLACE EXISTING PHOTOCELLS WITH NEW AND INSTALL IN A LOCATION BEST SUITED TO PROVIDE APPROPRIATE LIGHT EXPOSURE SUCH THAT EXTERIOR LIGHTS ARE ON DURING DARKNESS.
- TIME CLOCK CONTROL:**
 CONTRACTOR SHALL VERIFY LOCATION OF TIME CLOCK. IF TIME CLOCK IS IN ELECTRICAL ROOM ALONG WITH IC3 CONTROLS, CONTRACTOR SHALL ADJUST CIRCUIT TO BE CONTROLLED BY IC3 EXTERIOR LIGHTING CONTROLS. IF TIME CLOCK IS IN A REMOTE LOCATION NOT IN CLOSE PROXIMITY TO THE IC3 CONTROLS, CONTRACTOR SHALL VERIFY TIME CLOCK IS SET PROPERLY AND LEAVE CIRCUIT ON TIME CLOCK CONTROL.
- MANUAL CONTROL:**
 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.

ADDITIONAL CONTRACTOR NOTES:

CONSTRUCTION COMPLETION VERIFICATION

UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROVIDE VERIFICATION IN WRITING TO THE BANK OF AMERICA PJM THAT ALL WORK IS COMPLETE ACCORDING TO THE CONSTRUCTION DOCUMENTS, AND THAT ALL EXTERIOR LIGHTING IS FUNCTIONING DURING NIGHTTIME HOURS. COMPLETION PHOTOS, TAKEN AT NIGHT, SHALL BE PROVIDED IN THE FOLLOWING FORMAT:

PROVIDE A SINGLE DOCUMENT CONTAINING THE FOLLOWING:

- SITE PHOTOS FROM ALL SIDES OF BUILDING
- MINIMUM OF 3 PHOTOS OF EACH COMPLIANCE AREA (ATM(S), AFTER-HOUR DEPOSITORYES, ASSOCIATE ENTRY) FROM DIFFERENT ANGLES
- MINIMUM OF 2 PHOTOS OF ALL NON-COMPLIANCE AREAS FROM DIFFERENT ANGLES

FIXTURE CLARIFICATION NOTES:

- OUT OF SCOPE - EXISTING FIXTURES TO REMAIN ON SITE WITHOUT MODIFICATION. NO ACTION REQUIRED UNLESS NOTED OTHERWISE.
- 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.
- 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.
- ADD NEW FIXTURE - NEW FIXTURES TO BE ADDED. ANY PAINTING, PATCHING OR ELECTRICAL WORK NEEDED TO BE ASSESSED AND PERFORMED BY CONTRACTOR.
- 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.
- GMR DOES NOT SPECIFY MOUNTING HARDWARE FOR ANY SPECIFIED FIXTURES. CONTRACTOR IS TO WORK WITH DISTRIBUTOR AND/OR MANUFACTURER ON A CASE BY CASE BASIS TO IDENTIFY AND ORDER REQUIRED MOUNTING HARDWARE.
- CONTRACTOR TO VERIFY WHETHER EXISTING WIRING LOCATIONS OR THE ADDITION OF WIRING FOR NEW FIXTURE LOCATIONS IS SUFFICIENT FOR THE DESIGNATED FIXTURE LOCATION.
- CONTRACTOR TO SPECIFY POLE COLOR AND TYPE PRIOR TO ORDERING.
- ALL FIXTURES ARE ASSUMED BRONZE IN COLOR UNLESS NOTED OTHERWISE IN THE LUMINAIRE SCHEDULE. CONTRACTOR TO CONFIRM PRIOR TO ORDERING.

GENERAL NOTES:

- 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 AWARDS A BID FOR ANY 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 DEPOSITORYES AND BANK GUIDELINES FOR NON-SECURITY COMPLIANCE ZONES.
- 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 DEPOSITORYES. CONSIDERATION MUST BE GIVEN 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).
- ALL MOUNTING HEIGHTS ARE INTENDED TO THE BOTTOM OF THE FIXTURE.
- CONTRACTOR TO FIELD VERIFY FIXTURE PLACEMENT DIMENSIONS PRIOR TO CONSTRUCTION.
- DIMENSIONING PROVIDED IS FOR PROPOSED FIXTURE LOCATIONS ONLY, UNLESS OTHERWISE NOTED ON THE DRAWING.
- THE CONTRACTOR SHALL ATTEMPT TO ELIMINATE THE USE OF EXPOSED CONDUIT WHERE POSSIBLE. IF EXPOSED CONDUIT IS NECESSARY, THE CONTRACTOR SHALL VERIFY USE WITH PROJECT MANAGER.
- ALL EXISTING LIGHTS WILL BE REPLACED WITH LED LIGHTS AND ALL PROPOSED LIGHTS WILL ALSO BE LED, UNLESS OTHERWISE NOTED.
- ALL FIXTURES ARE TO BE MOUNTED ABOVE FINISH GRADE.
- UNLESS OTHERWISE NOTED, MATCH EXISTING POLE BASES.



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**Charles Street
MAW-102
45 Charles Street
Boston, MA**

GENERAL NOTES

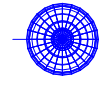





DESIGN BY:	CAS	DRAWN BY:	RCS
REVIEWED BY:	AWD	APPROVED BY:	KRM

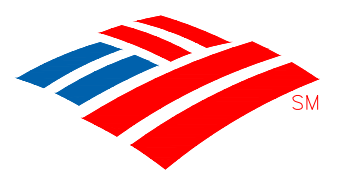
SHEET NO.	LU-1
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NOTE: THIS LIGHTING PLAN ILLUSTRATES ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINARIES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER RELATED VARIABLE FIELD CONDITIONS.

SITE ABBREVIATIONS:




- PL = PROPERTY LINE
- AFG = ABOVE FINISHED GRADE
- Fc = FOOTCANDLE
- CBO = CONTROLLED BY OTHERS
- AHD = AFTER HOUR DEPOSITORY

LUMINAIRE SCHEDULE										
**SEE FIXTURE CLARIFICATION NOTE #9										
(NP) = NEW POLE (CBO) CONTROLLED BY OTHERS										
** CONTRACTOR TO VERIFY MOUNTING 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
	1	UU1	SINGLE	1	-	ALN445-Y2-32LED-3K-BLS-SBL-700-WMA57 / WALL MOUNT / HUBBELL	B2-U4-G3	9' AFG	-	ADD NEW FIXTURE
	4	UU2	SINGLE	4	-	LVLDL-HP-04-WW-WH-R / CANOPY MOUNT / NSL	B1-U0-G0	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	8	UU3	SINGLE	8	-	LVLDL-HP-06-NW-WH-R / CANOPY MOUNT / NSL	B1-U0-G0	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	2	YC1	SINGLE	2	-	EXISTING FLOOD FIXTURE	-	-	-	OUT OF SCOPE
	1	YD1	SINGLE	1	-	EXISTING CANOPY FIXTURE	-	-	-	OUT OF SCOPE
	2	YJ1	SINGLE	2	-	EXISTING DECORATIVE POLE FIXTURE	-	-	-	OUT OF SCOPE



BLUE = NEW FIXTURE
 GREEN = EXISTING FIXTURE LOCATION TO BE REPLACED
 ORANGE = EXISTING FIXTURE TO REMAIN
 TURQUOISE = FIXTURE TO BE REMOVED
 PINK = REPLACE WITH NEW POLE AT NEW HEIGHT

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LUMINAIRE SCHEDULE

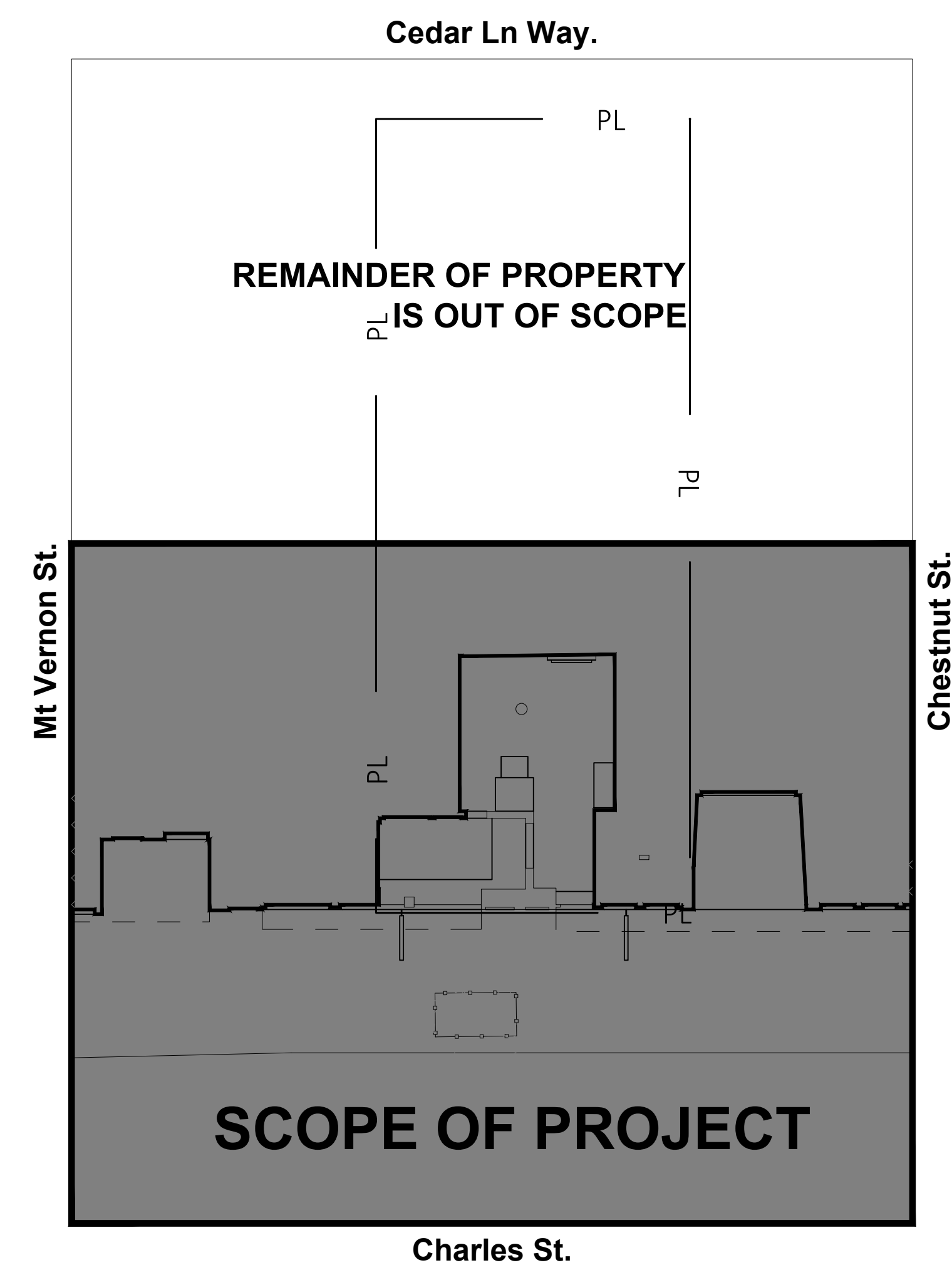
DESIGN BY:	CAS	DRAWN BY:	RCS
REVIEWED BY:	AWD	APPROVED BY:	KRM

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SHEET NO. **LU-2**

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QTY	LABEL	NOTES	MOUNTING HEIGHT
1	UU1	ADD NEW FIXTURE	9' AFG
4	UU2	REPLACE EXISTING FIXTURE	MATCH EXISTING
8	UU3	REPLACE EXISTING FIXTURE	MATCH EXISTING
2	YC1	OUT OF SCOPE	-
1	YD1	OUT OF SCOPE	-
2	YJ1	OUT OF SCOPE	-



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- PINK = REPLACE WITH NEW POLE AT NEW HEIGHT
- o — = INDICATES NEW SECURITY FENCE
- PL — = PROPERTY LINE BASED ON COUNTY APPRAISAL INFORMATION

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**Charles Street
MAW-102
45 Charles Street
Boston, MA**

OVERALL SITE PLAN

DESIGN BY:	CAS	DRAWN BY:	RCS
REVIEWED BY:	AWD	APPROVED BY:	KRM

SHEET NO. **LU-3**

SITE NOTES:

- LIGHTING IS REQUIRED FOR COMPLIANCE AND WILL REQUIRE LANDLORD APPROVAL PRIOR TO INSTALLATION. BANK MUST HAVE LANDLORD AGREE TO LEAVE FIXTURES ON ALL HOURS OF DARKNESS.

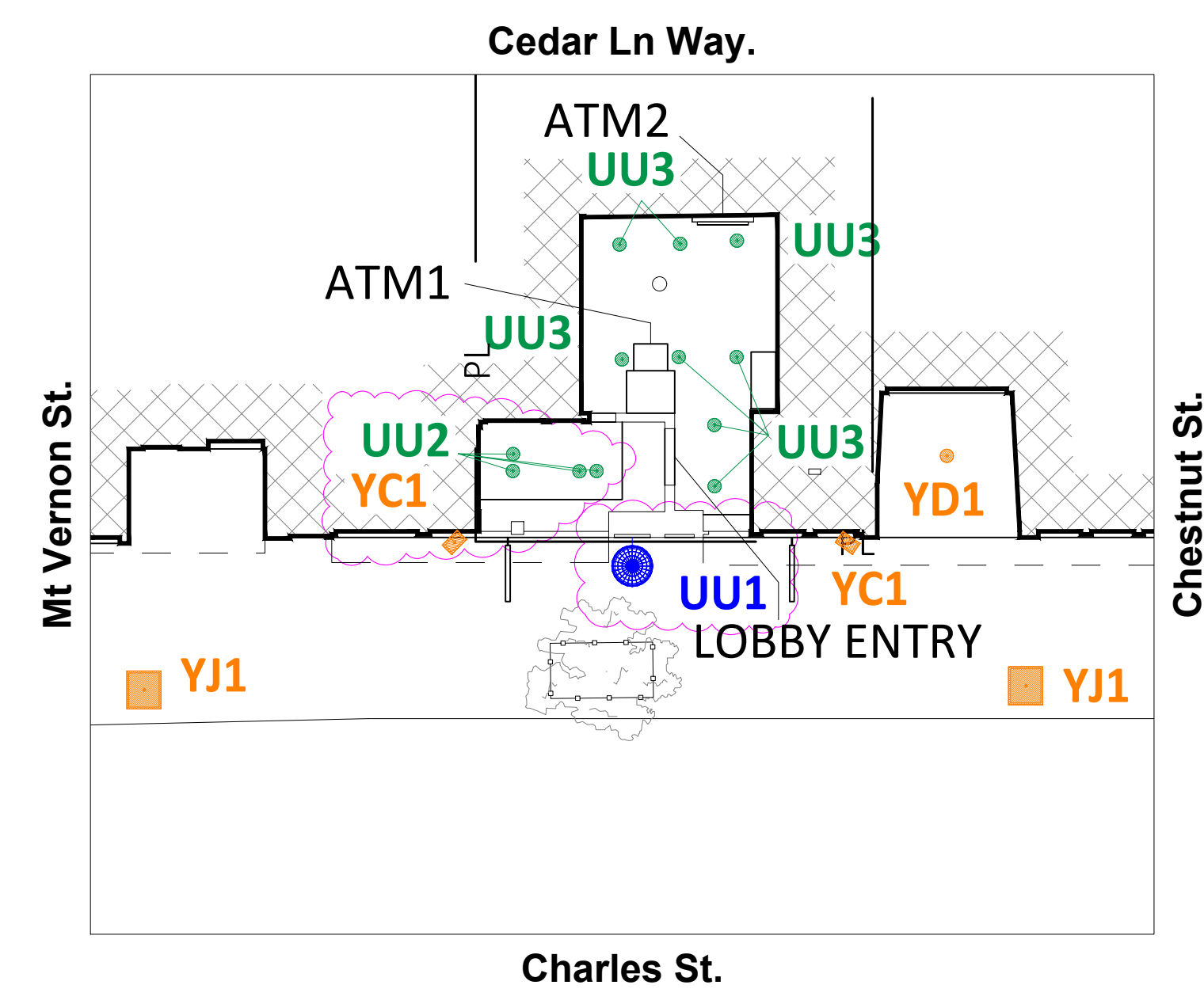
EXISTING CONDITIONS:

- EXISTING POLES - NOT BANK CONTROLLED
- EXISTING POLE BASES - NOT BANK CONTROLLED
- EXISTING DRIVE THRU CEILING - N/A

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.

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QTY	LABEL	NOTES	MOUNTING HEIGHT
1	UU1	ADD NEW FIXTURE	9' AFG
4	UU2	REPLACE EXISTING FIXTURE	MATCH EXISTING
8	UU3	REPLACE EXISTING FIXTURE	MATCH EXISTING
2	YC1	OUT OF SCOPE	-
1	YD1	OUT OF SCOPE	-
2	YJ1	OUT OF SCOPE	-



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SCALE: 1 1/2" = 1'-0"
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**Charles Street
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 45 Charles Street
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SITE PLAN ENLARGEMENT

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REVIEWED BY:	AWD	APPROVED BY:	KRM

SHEET NO. **LU-3a**

SITE NOTES:

- LIGHTING IS REQUIRED FOR COMPLIANCE AND WILL REQUIRE LANDLORD APPROVAL PRIOR TO INSTALLATION. BANK MUST HAVE LANDLORD AGREE TO LEAVE FIXTURES ON ALL HOURS OF DARKNESS.

EXISTING CONDITIONS:

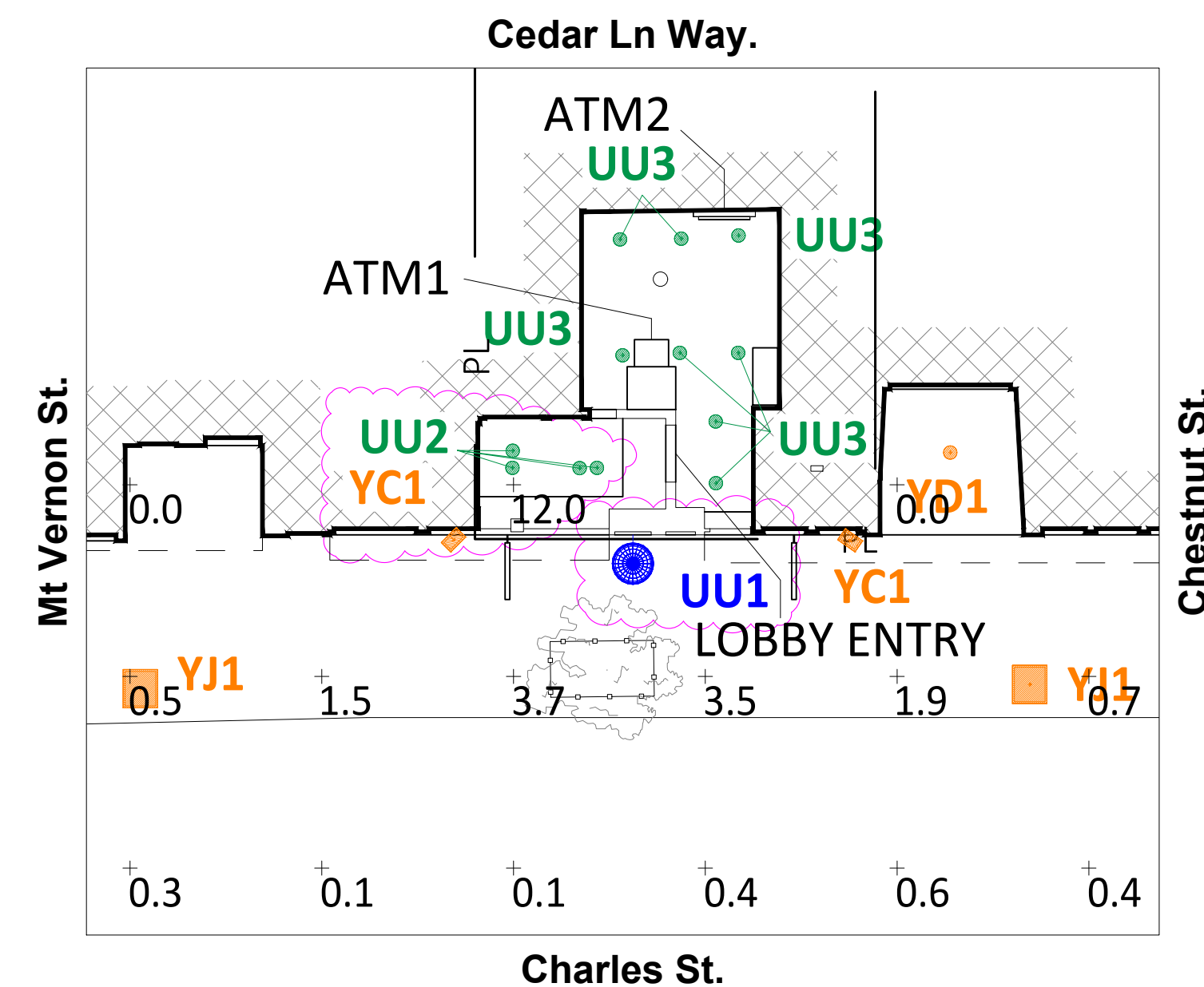
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- EXISTING POLE BASES - NOT BANK CONTROLLED
- EXISTING DRIVE THRU CEILING - N/A

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NOTES:

1. THE SCOPE OF WORK FOR THIS PROJECT IS LIMITED TO EXTERIOR LIGHTING RENOVATIONS AS SHOWN ON THE PLANS.
2. ALL PROPOSED LIGHTS WILL BE FULL CUTOFF LED LIGHT FIXTURES.
3. ALL EXISTING LIGHTS WILL BE REPLACED WITH FULL CUT OFF LED LIGHT FIXTURES.
4. REFERENCE THE LUMINAIRE SCHEDULE (SHEET LU-2) FOR ADDITIONAL LIGHT FIXTURE INFORMATION.



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45 Charles Street
Boston, MA**

**FULL SITE
PHOTOMETRICS PLAN**

DESIGN BY:	CAS	DRAWN BY:	RCS
REVIEWED BY:	AWD	APPROVED BY:	KRM

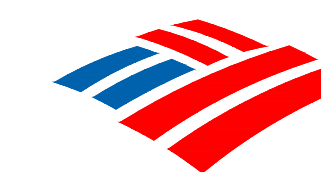
SHEET NO.

LU-4

FULL SITE CALCS							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
FULL SITE @ GRADE	Illuminance	Fc	1.71	12.0	0.0	N.A.	N.A.

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2		
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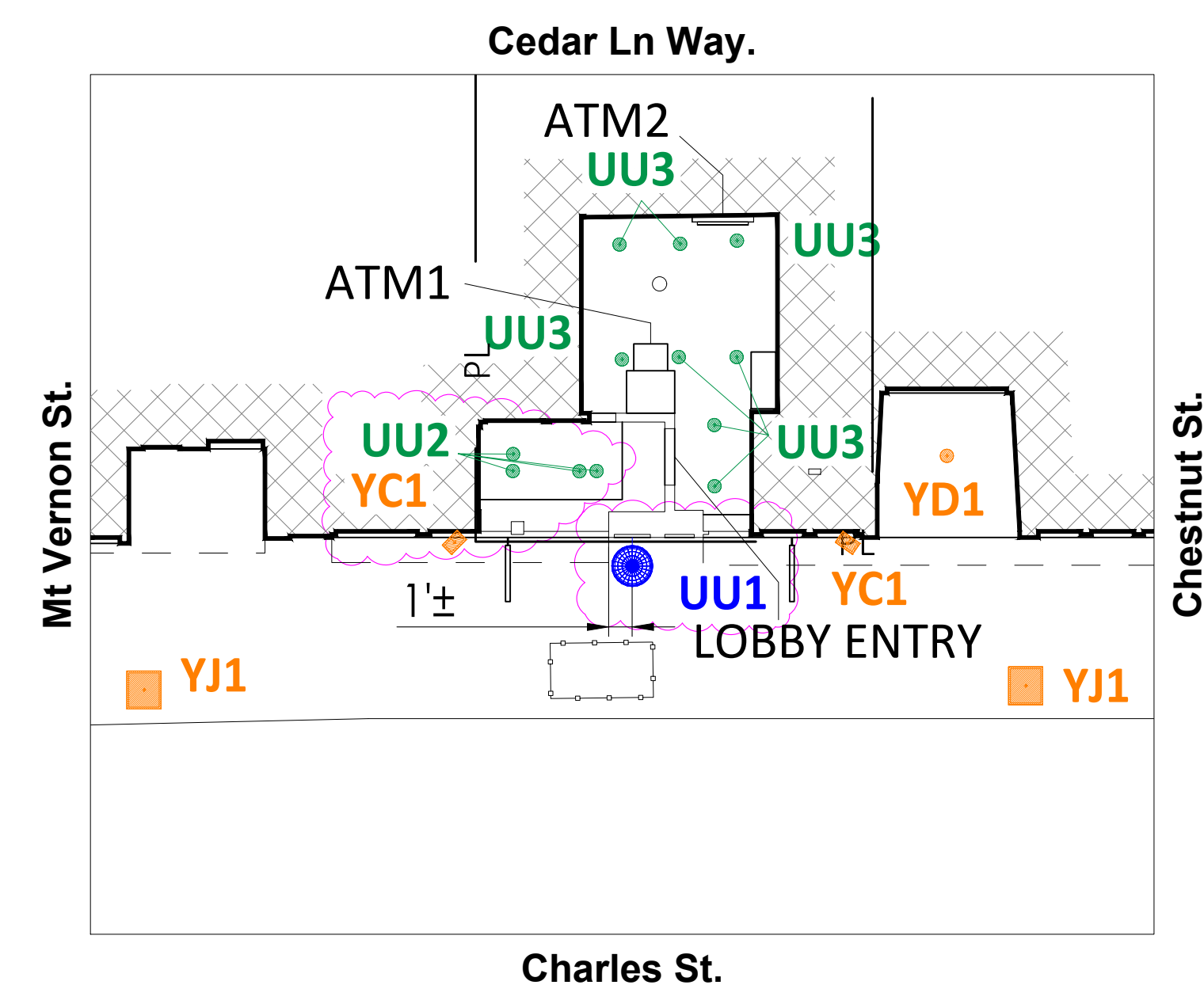
FIXTURE REMOVAL PLAN

DESIGN BY:	CAS	DRAWN BY:	RCS
REVIEWED BY:	AWD	APPROVED BY:	KRM

SHEET NO. **LU-5**

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QTY	LABEL	NOTES	MOUNTING HEIGHT
1	UU1	ADD NEW FIXTURE	9' AFG
4	UU2	REPLACE EXISTING FIXTURE	MATCH EXISTING
8	UU3	REPLACE EXISTING FIXTURE	MATCH EXISTING
2	YC1	OUT OF SCOPE	-
1	YD1	OUT OF SCOPE	-
2	YJ1	OUT OF SCOPE	-



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**Charles Street
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DIMENSIONING PLAN

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REVIEWED BY:	AWD	APPROVED BY:	KRM

SHEET NO. **LU-6**

SITE NOTES:

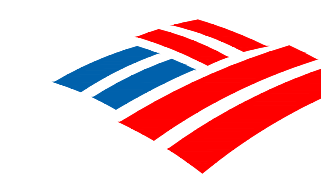
- LIGHTING IS REQUIRED FOR COMPLIANCE AND WILL REQUIRE LANDLORD APPROVAL PRIOR TO INSTALLATION. BANK MUST HAVE LANDLORD AGREE TO LEAVE FIXTURES ON ALL HOURS OF DARKNESS.

EXISTING CONDITIONS:

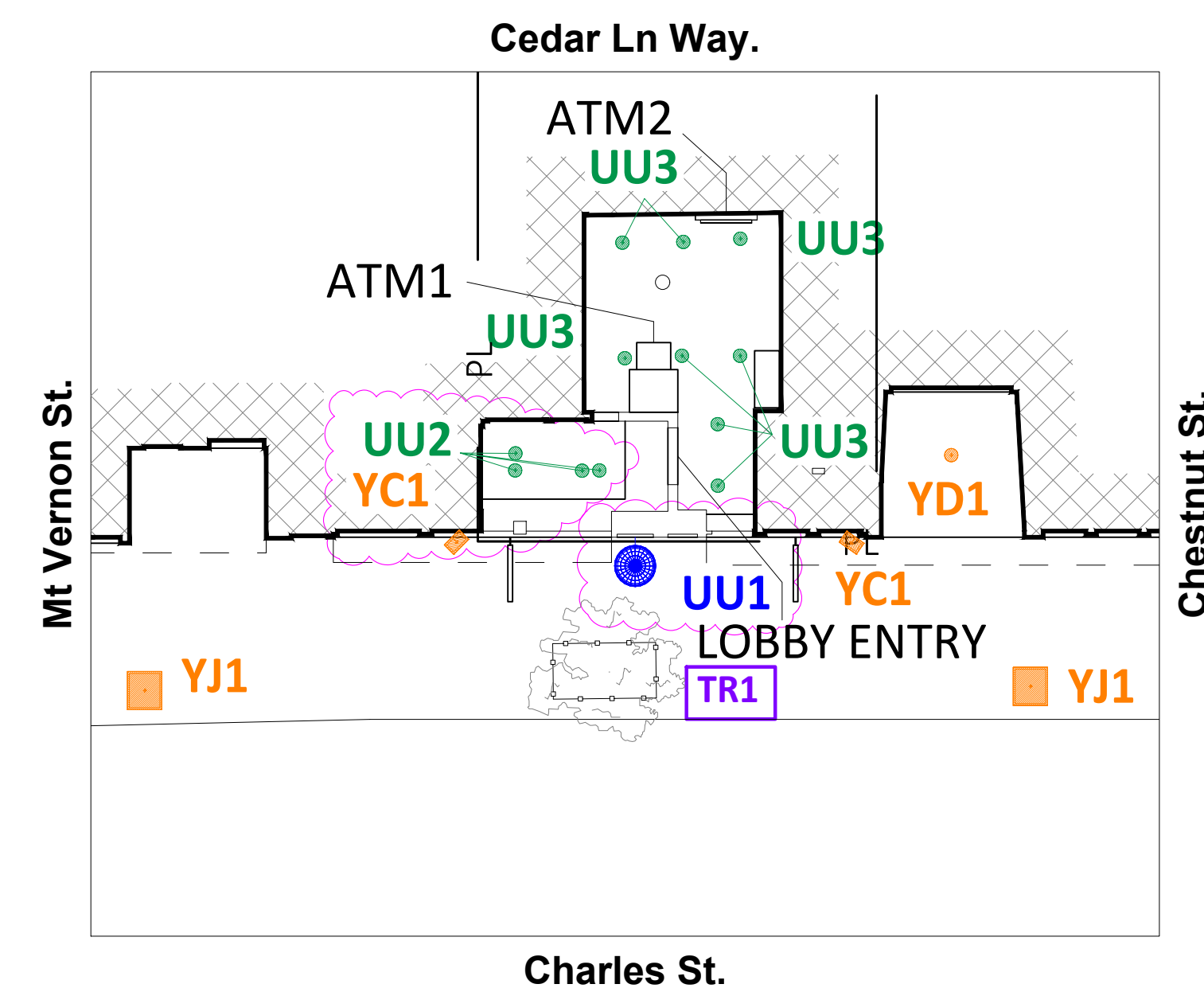
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- EXISTING POLE BASES - NOT BANK CONTROLLED
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SCALE: 1 1/2" = 1'-0"

v4 210729

REVISION NO.	DESCRIPTION	REVISION BY
1	REVISED XX	KRM



**Charles Street
 MAW-102
 45 Charles Street
 Boston, MA**

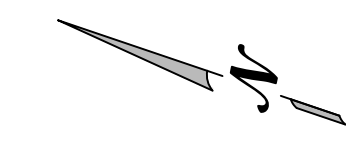
LANDSCAPING PLAN

DESIGN BY:	CAS	DRAWN BY:	RCS
REVIEWED BY:	AWD	APPROVED BY:	KRM

SHEET NO. **LU-7**

LANDSCAPE SCHEDULE CM = CRAPE MYRTLE UNK = UNKNOWN		
SYMBOL	QTY	NOTES
TR1	1	TRIM TREE UP TO 5' AND THIN OUT TREE CANOPY

GC TO VERIFY WITH LOCAL AUTHORITY HAVING JURISDICTION ON TREE TRIMMING AND/OR REMOVAL PRIOR TO COMMENCING WORK

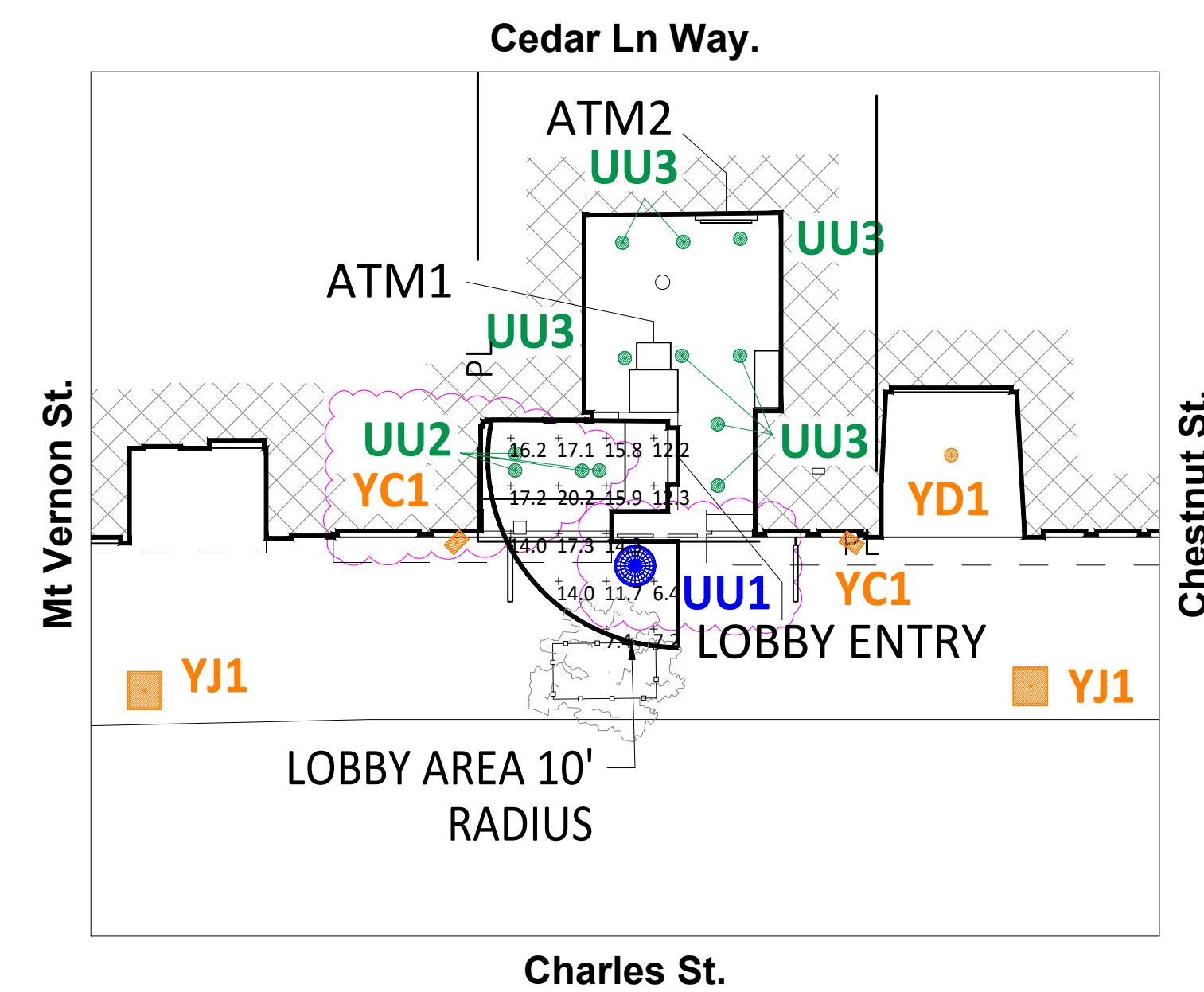


NOTE: THIS LIGHTING PLAN ILLUSTRATES ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINARIES MAY VARY DUE TO VARIATIONS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

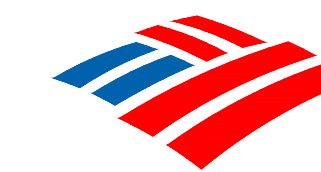
P:\2020\Bank of America\Design\2020\MAW-102\45 Charles Street\Aerial\CAD - MAW-102 - V4 - 210729 - WP.dwg, 8/2/2021 3:41:08 PM, AutoCAD PLOT (General Documentation).d3

NOTES:

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



Bank of America®



- BLUE = NEW FIXTURE
- GREEN = EXISTING FIXTURE LOCATION TO BE REPLACED
- ORANGE = EXISTING FIXTURE TO REMAIN
- TURQUOISE = FIXTURE TO BE REMOVED
- PINK = REPLACE WITH NEW POLE AT NEW HEIGHT
- = INDICATES NEW SECURITY FENCE
- PL — = PROPERTY LINE BASED ON COUNTY APPRAISAL INFORMATION

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

v4 210729

REVISION NO.	DESCRIPTION	REVISION BY
1	REVISED XX	KRM



Charles Street
MAW-102
45 Charles Street
Boston, MA

**ATM COMPLIANCE
AREA PHOTOMETRICS PLAN**

DESIGN BY:	CAS	DRAWN BY:	RCS
REVIEWED BY:	AWD	APPROVED BY:	KRM

SHEET NO. **LU-8**

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.

UNIT CALCS 50'							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
LOBBY ENTRY 10' @ 36"	Illuminance	Fc	13.70	20.2	6.4	2.14	3.16

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