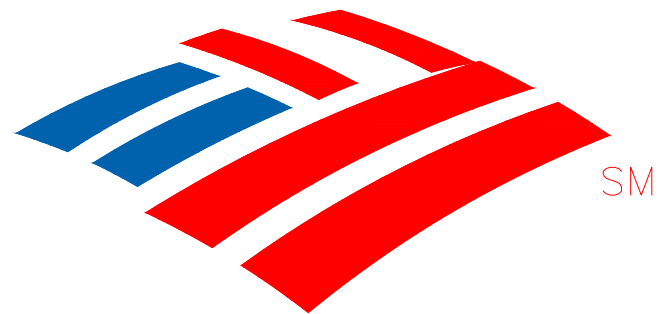


Bank of America[®]



EXTERIOR LIGHTING PROGRAM



Facility Analysis + Engineering

Office: (972) 771-6038

1629 Smirl Drive, Suite 200, Heath, Texas 75032

www.gmr1.com

LUMINAIRE SCHEDULE				**SEE FIXTURE CLARIFICATION NOTE #9		(NFP) = 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	
	7	LDL1	SINGLE	7	-	(LDL1) LNKX-30L-30K / CANOPY MOUNT / CREE	B1-U0-G0	MATCH EXISTING	CS-LSA	REPLACE EXISTING FIXTURE	
	3	LDV1	SINGLE	3	-	(LDV1) LNKX-30L-30K / CANOPY MOUNT / CREE	B1-U0-G0	MATCH EXISTING	CS-LSA	REPLACE EXISTING FIXTURE	
	2	LDV2	SINGLE	2	-	(LDV2) LNKX-30L-30K / CANOPY MOUNT / CREE	B1-U0-G0	8' AFG	CS-LSA	ADD NEW FIXTURE - MATCH EXISTING CANOPY HEIGHT	
	2	LDW1	SINGLE	2	-	(LDW1) LNKX-38L-30K / CANOPY MOUNT / CREE	B1-U0-G0	MATCH EXISTING	CS-LSA	REPLACE EXISTING FIXTURE	
	2	USK1 (NEW POLE)	DOUBLE (2@90°)	4	2	(USK1) OSQ-M-B-16L-30K-5N-UL-NM-B2 / POLE MOUNT / CREE	B4-U0-G3	20' AFG	OSQ-M-L-B-0A-B2	ADD NEW POLE AND FIXTURE	
	1	UH1	DOUBLE (2@90°)	2	-	(UH1) OSQ-L-B-30L-30K-4M-UL-NM-B2 / POLE MOUNT / CREE	B3-U0-G3	MATCH EXISTING	OSQ-M-L-B-0A-B2-HSLF	REPLACE EXISTING FIXTURE	
	1	USA1	SINGLE	1	-	(USA1) SEC-EDC-25-WM-02-E-UL-B2-700-30K / WALL MOUNT / CREE	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE	
	2	USF1	SINGLE	2	-	(USF1) SEC-EDC-38M-WM-02-E-UL-B2-525-30K / WALL MOUNT / CREE	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE	
	1	USHL	SINGLE	1	-	(USHL) SEC-EDC-4M-WM-02-E-UL-B2-550-30K / WALL MOUNT / CREE	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE	
	1	USL1	SINGLE	1	-	(USL1) SEC-EDC-4M-WM-02-E-UL-B2-700-30K / WALL MOUNT / CREE	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE	
	3	USK1	SINGLE	3	-	(USK1) SEC-EDC-4M-WM-04-E-UL-B2-525-30K / WALL MOUNT / CREE	B2-U0-G2	MATCH EXISTING	-	REPLACE EXISTING FIXTURE	
	1	USK2	SINGLE	1	-	(USK2) SEC-EDC-4M-WM-04-E-UL-B2-525-30K / 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 # FIXTURE (GWH4800BAT)	-	-	-	OUT OF SCOPE	

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 SURVEY.
- SHOULD TURNING PHOTOGRAPHIC DRAWINGS BE REQUIRED, CONTRACTOR SHALL ENGAGE LOCAL ENGINEER OR LIGHTING DESIGNER TO PROVIDE PHOTOGRAPHIC DRAWINGS. CONTRACTOR SHALL PROVIDE THE BANDING 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 FUTURE 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 BONDED STATES IN ACCORDANCE WITH BANK OF AMERICA NATIONAL ACCOUNT CONTRACT NATIONAL ACCOUNT CREDIT DEPARTMENT AT BONDED STATES (COM) OR TAB-37-30M.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY PATCHING OR REPAIRING FOR HOLES, 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 SOIL EXP. PROBE SITE SURVEY FORM TO DOCUMENT THE EXACT DETAILS OF EACH FIXTURE BEING REMOVED FOR REPAIR AND ENERGY SAVINGS CALCULATION PURPOSES.
- CONTRACTOR SHALL RECEIVE A FURNISH LIST FROM GMR UPON FINAL SURVEY FOR ANY REMAINING ITEMS TO BE COMPLETED.

CONTROLS & ADDITIONAL NOTES:

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

- KIC CONTROL:** CONTRACTOR SHALL VERIFY THAT EXTERIOR LIGHTING CIRCUITS ARE CONTROLLED BY THE CORRECT KIC 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 KIC CONTROL, CONTRACTOR SHALL ADJUST CIRCUIT TO BE CONTROLLED BY KIC EXTERIOR LIGHTING CONTROLS. IF TIME CLOCK IS IN A REMOTE LOCATION NOT IN CLOSE PROXIMITY TO THE KIC 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 KIC, WHICHEVER IS MOST ECONOMICALLY ACCOMMODATED.

ADDITIONAL CONTRACTOR NOTES:

CONSTRUCTION COMPLETION VERIFICATION:

UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROVIDE VERIFICATION IN WRITING TO THE BANK OF AMERICA FIRM 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 (ATMS), AFTER-HOUR DEPOSITORIES, 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 REFERRED 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 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 TREE 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.
- 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 ADDRESSED IF NECESSARY. NO ADDITIONAL COMPENSATION SHALL BE GRANTED AFTER AWARDING A BID FOR ANY EQUIPMENT, MATERIAL OR LABOR REQUIRED TO REWORK OR OTHERWISE MODIFY EXISTING CONDITIONS.
- THIS LIGHTING DESIGN IS BASED ON THE BANK'S CURRENT SECURITY POLICY FOR EXTERIOR ATM AND AFTER-HOUR DEPOSITORIES AND BANK GUIDELINES FOR NON-SECURITY COMPLIANCE ZONES. FROM ALL TREES/LANDSCAPING FROM ANY AFTER-HOUR DEPOSITORIES THAT ARE WITHIN THE 6' RADIUS AROUND ALL ATMS AND A RADIUS OF 5' AROUND ALL AFTER-HOUR DEPOSITORIES. CONSIDERATION MUST BE GIVEN TO TREES/LANDSCAPING AND STATE OF FULL POLICE PROTECTIVE 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 SPONGED CONDUIT WHERE POSSIBLE. IF SPONGED CONDUIT IS NECESSARY, THE CONTRACTOR SHALL VERIFY USE WITH PROJECT MANAGER.
- ALL EXISTING LIGHTS SHALL 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.
- UNLESS OTHERWISE NOTED, MATCH EXISTING POLE BASES.

SITE ABBREVIATIONS:

- PL = PROPERTY LINE
- AFG = ABOVE FINISHED GRADE
- FC = FOOT CANDLE
- CBO = CONTROLLED BY OTHERS
- AHD = AFTER-HOUR DEPOSITORY

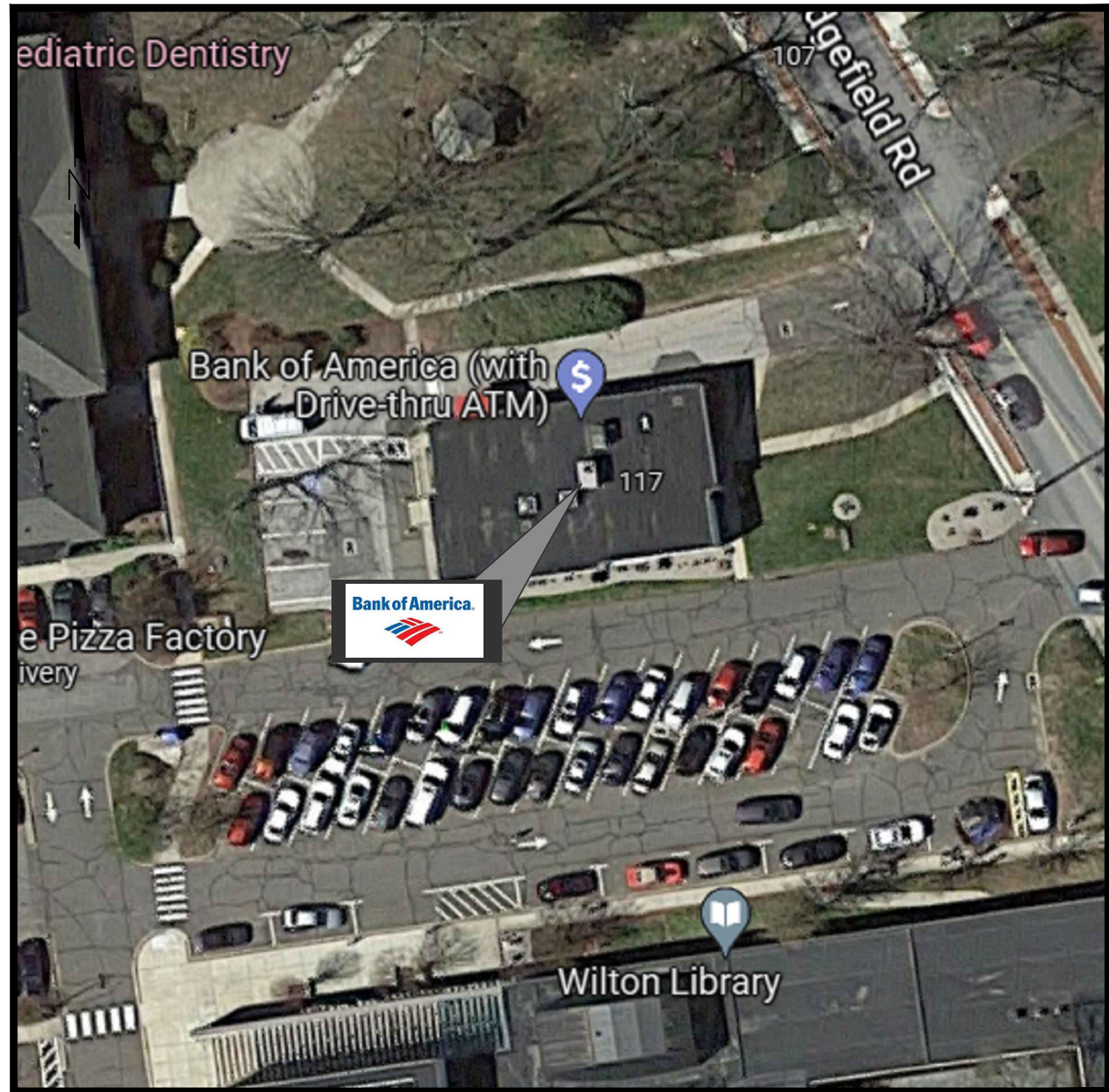
NOTE: THIS LIGHTING PLAN ILLUSTRATES ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS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

SITE NOTES:

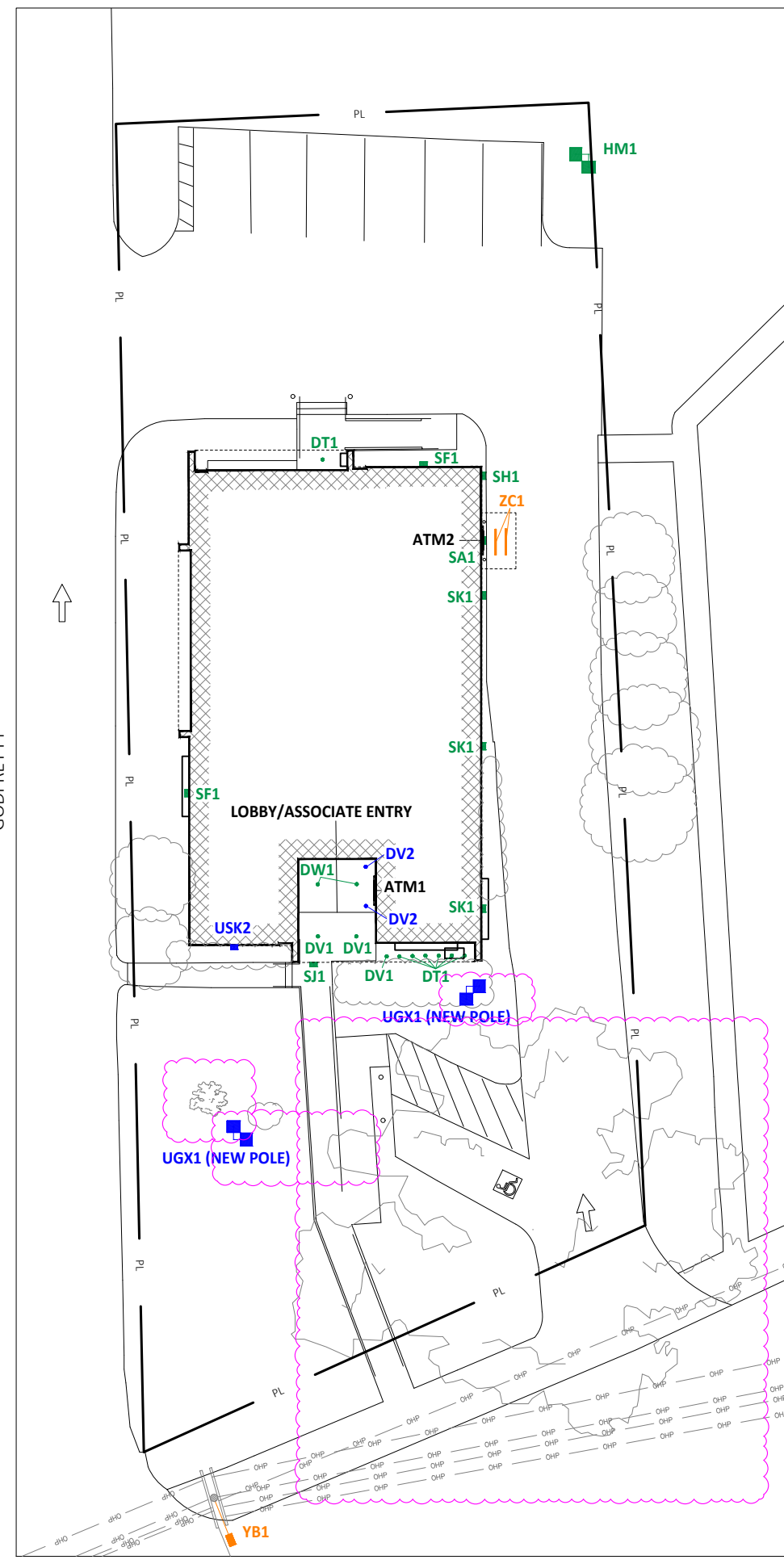
-

EXISTING CONDITIONS:

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



VICINITY MAP

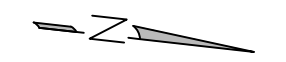


SCALE: 1/2" = 1'-0"

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



v2 211221

REVISION NO.	DESCRIPTION	KRM	REVISED BY
1			
2			
3			



Facility Analysis + Engineering

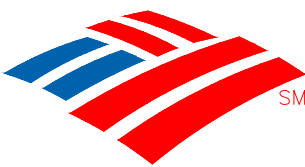
Wilton
CT2-255
117 Old Ridgefield Rd
Wilton, CT

SITE PLAN

DESIGN BY:	JDH	DRAWN BY:	RCS
REVIEWED BY:	AJH	APPROVED BY:	KRM
SHEET NO.			

COVER

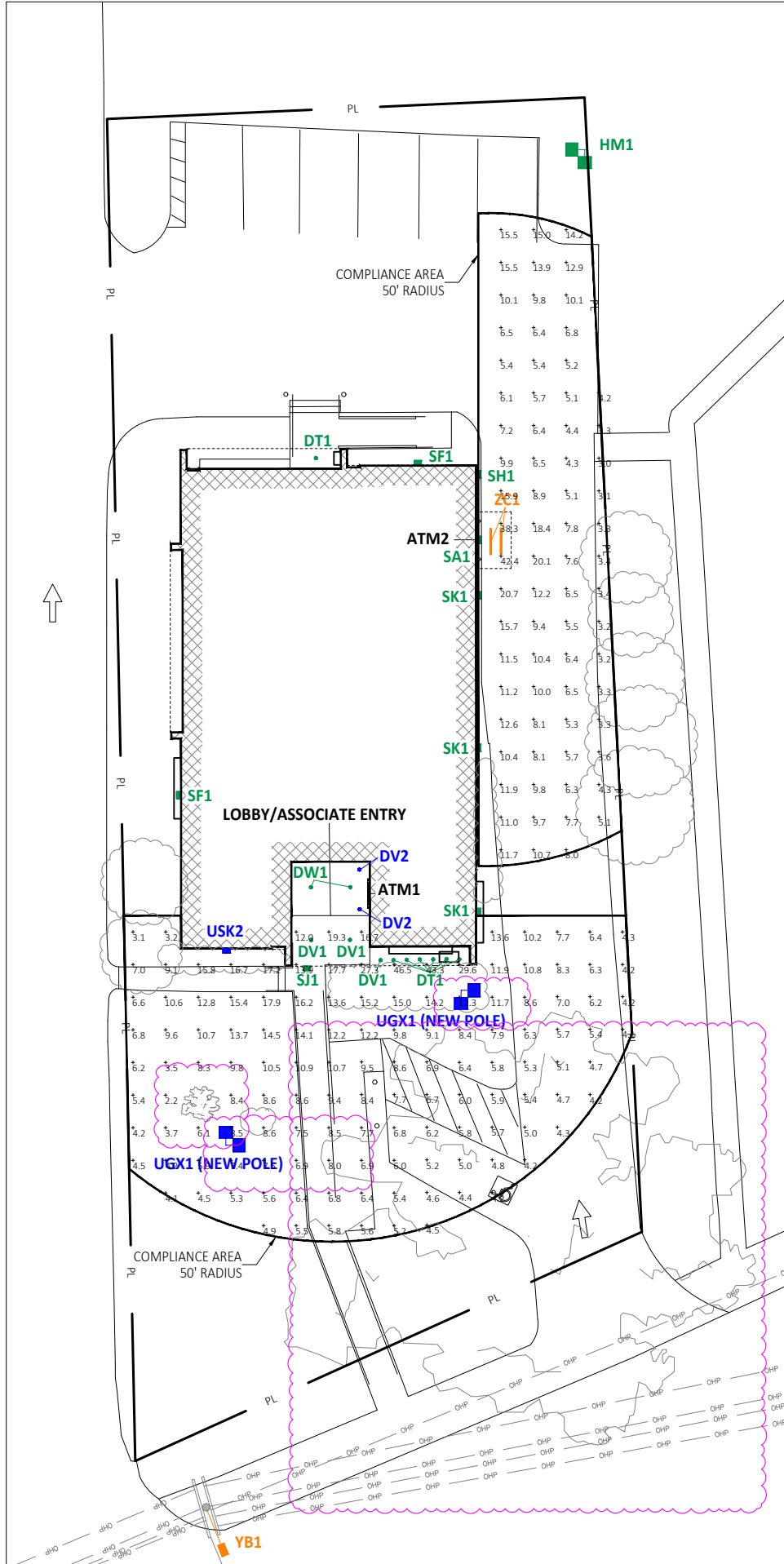
THIS PLAN SET IS PROPRIETARY AND CONFIDENTIAL INFORMATION OF THE BANK AND THE USE OF THIS DESIGN IS PROHIBITED WITHOUT THE EXPRESS PERMISSION OF THE BANK



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

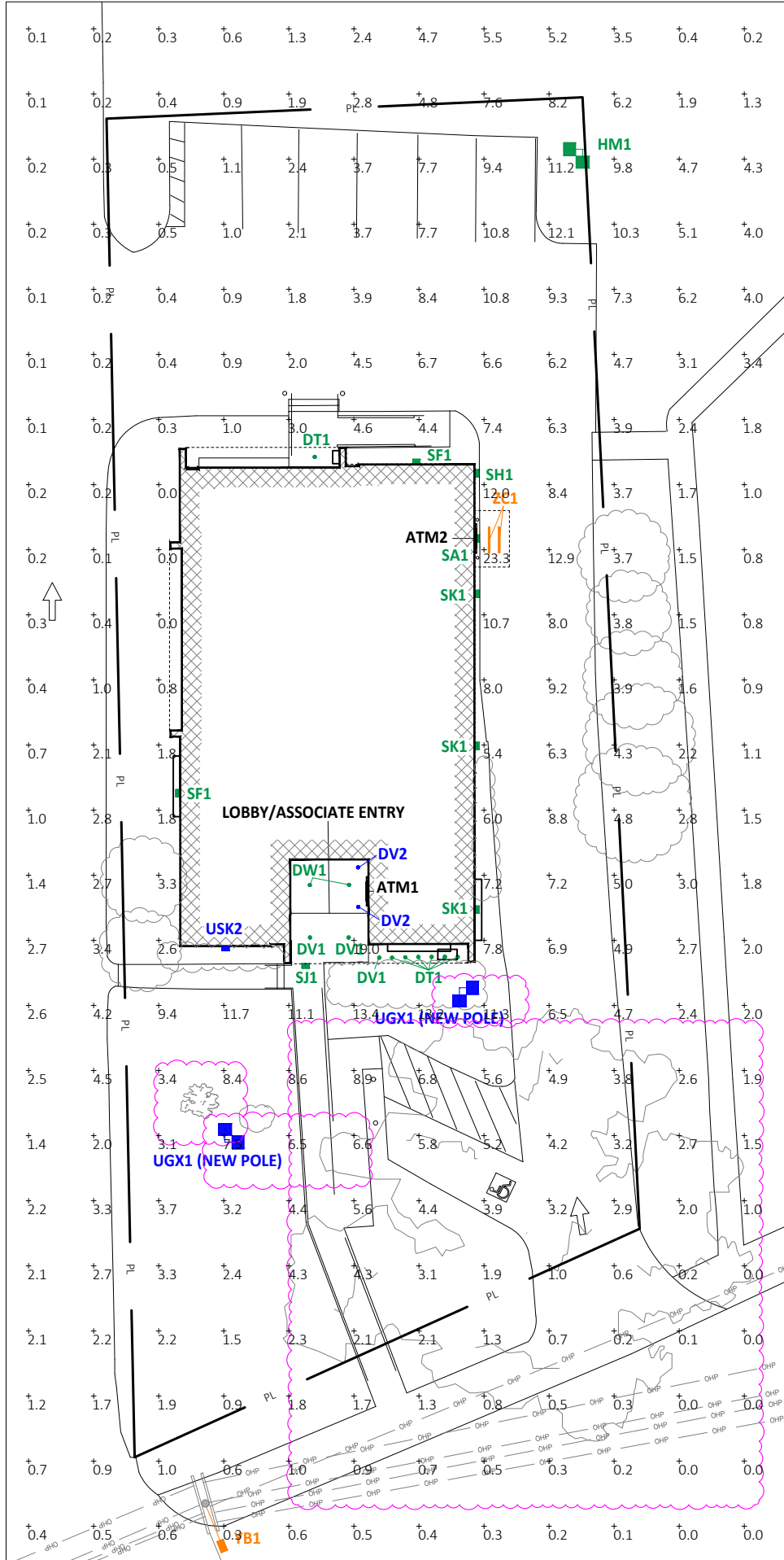


COMPLIANCE AREA



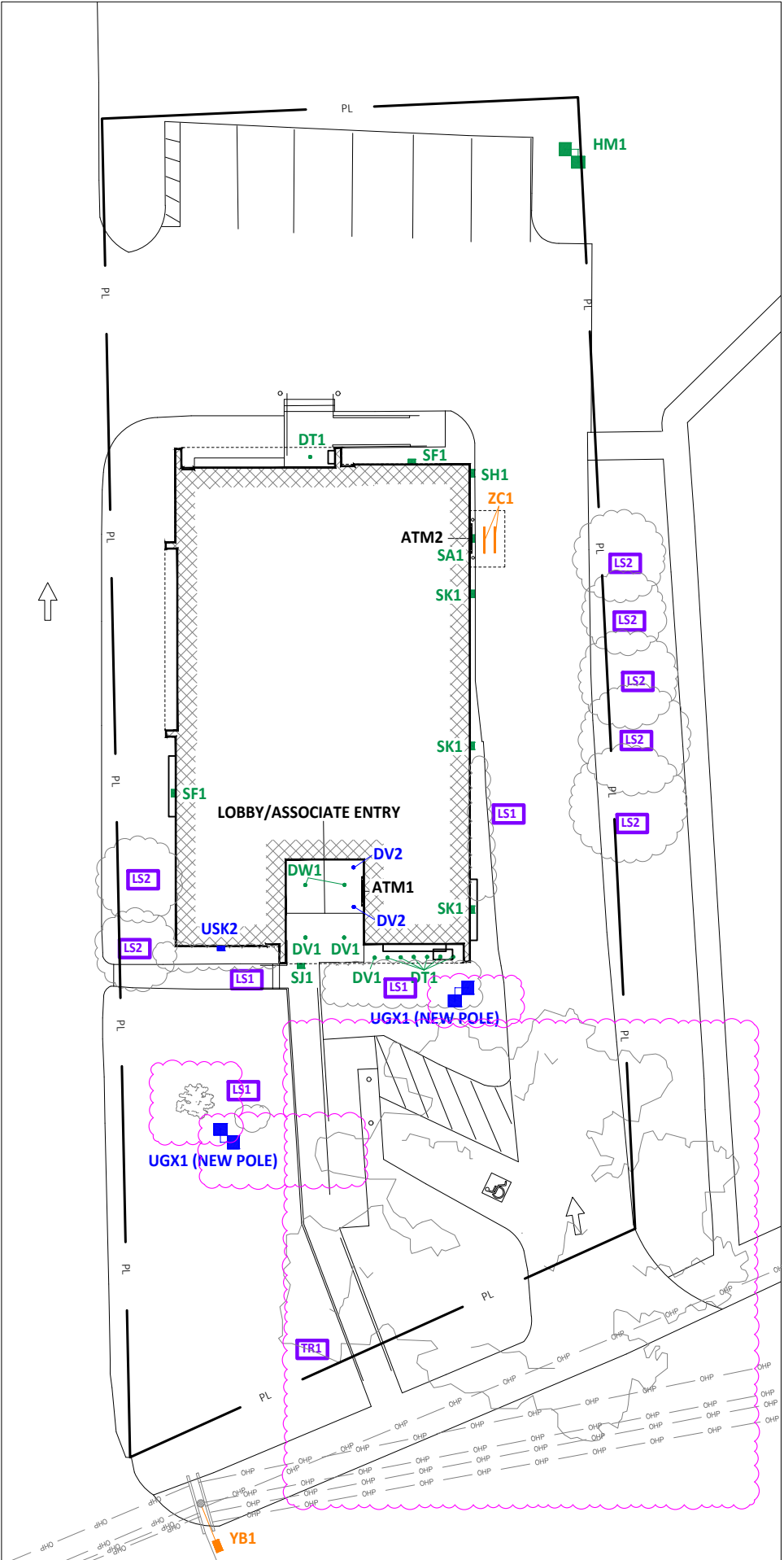
SCALE: 1/2" = 1'-0"

FULL SITE CALCS



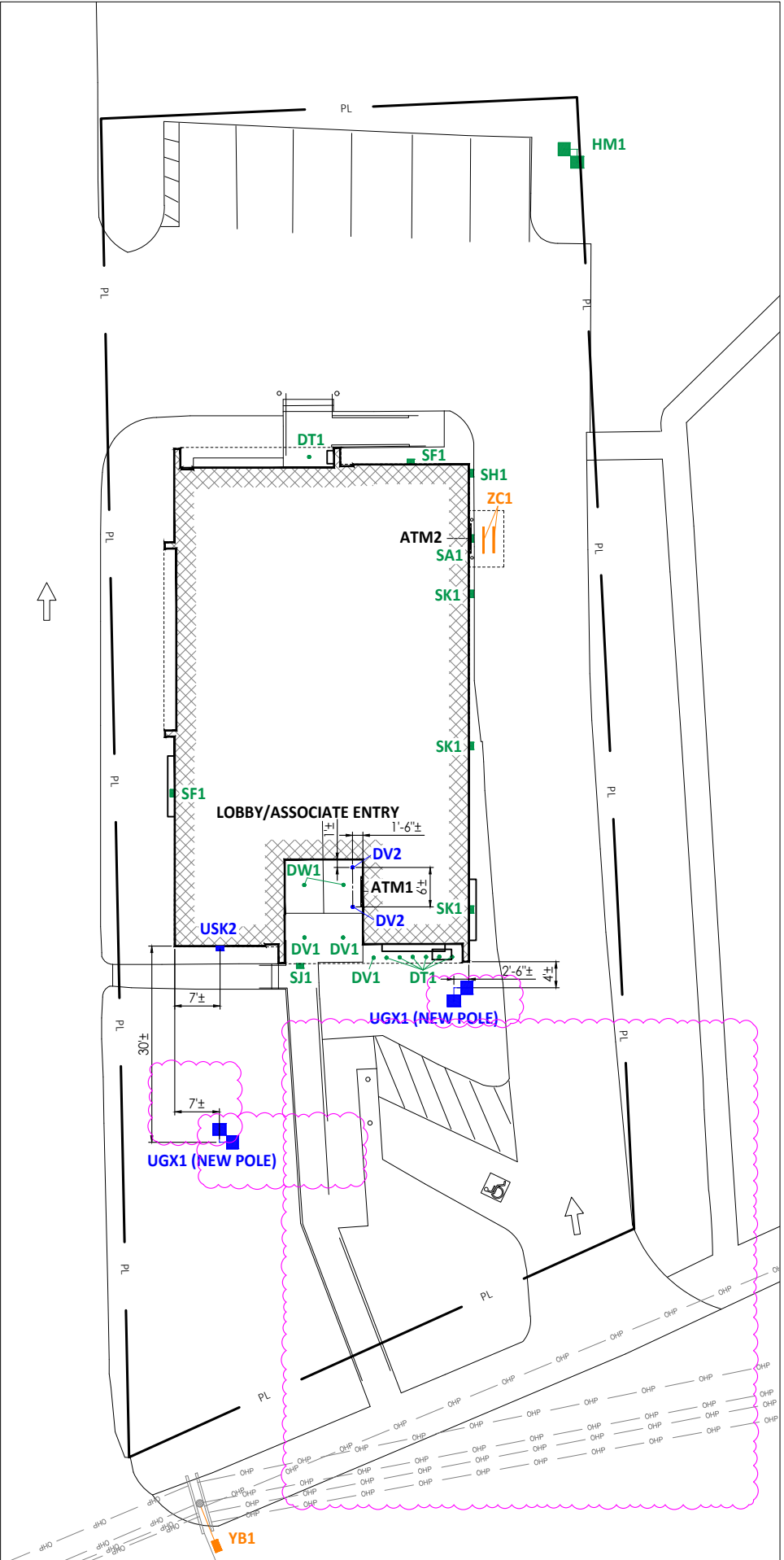
SCALE: 1/2" = 1'-0"

LANDSCAPE



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

DIMENSIONS



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

N.T.S.

v2 211221

REVISION NO.	DESCRIPTION	KRM
1		
2		



Wilton
CT2-255
117 Old Ridgefield Rd
Wilton, CT

SITE DETAILS

DESIGN BY:	JDH	DRAWN BY:	RCS
REVIEWED BY:	AJH	APPROVED BY:	KRM

SHEET NO.

LU-1

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	IF AFG
2	UDV3	REPLACE EXISTING FIXTURE	MATCH EXISTING
2	USK1 (NEW POLE)	ADD NEW POLE AND FIXTURE	20' AFG
1	UDM1	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	USI1	REPLACE EXISTING FIXTURE	MATCH EXISTING
1	USK1	REPLACE EXISTING FIXTURE	MATCH EXISTING
1	USK2	ADD NEW FIXTURE	21' AFG
1	YB1	OUT OF SCOPE	-
2	ZC1	OUT OF SCOPE	-

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.

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
FULL SITE @ GRADE	Illuminance	Fc	9.38	23.3	0.0	N.A.	N.A.

NOTES:
1. THE SCOPE OF WORK FOR THIS PROJECT IS LIMITED TO EXTERIOR LIGHTING RENOVATIONS AS SHOWN ON THE PLANS.
2. REFERENCE THE LUMINAIRE SCHEDULE FOR ADDITIONAL LIGHT FIXTURE INFORMATION.

SITE NOTES:
EXISTING CONDITIONS:
1. EXISTING POLES - DECORATIVE - STEEL 2. EXISTING POLE BASES - 5' 3. 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 INTRODUCED ILLUMINATION
LS1	-	TRIM LANDSCAPING DOWN TO 36"
LS2	7	REMOVE LANDSCAPING AND REPLACE WITH LANDSCAPING THAT CAN BE MAINTAINED AT 36"

USE TO VERIFY WITH LOCAL AUTHORITY REGARDING 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 LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER RELATED VARIABLE FIELD CONDITIONS.