2. ALL ELECTRICAL WORK PROVIDED FOR THIS PROJECT SHALL COMPLY WITH THE FOLLOWING CRITERIA:

2.1) TRADE SIZE CONDUIT SMALLER THAN 1/2 INCH SHALL NOT BE USED.

REGULATIONS AND THE AUTHORITY HAVING JURISDICTION.

2.2) CONDUIT ABOVE GRADE AND NOT EXPOSED TO WEATHER SHALL BE PVC, EMT & MC.

2.3) CONDUIT BELOW GRADE AND PENETRATIONS AT GRADE SHALL BE SCHEDULE 40 PVC EXCEPT TURNS.

2.4) CONDUIT ABOVE GRADE AND EXPOSED TO WEATHER SHALL BE SCHEDULE 80 PVC.

2.5) WIRE SIZE SMALLER THAN #12 AWG.

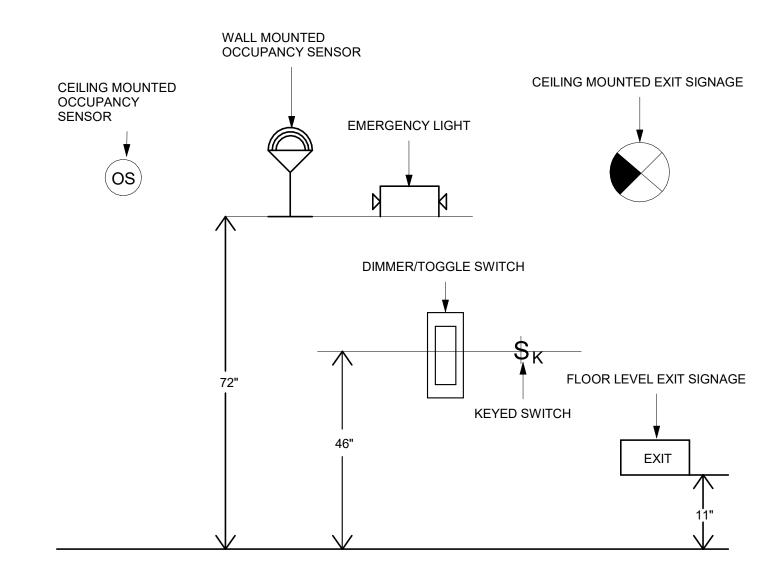
2.6) BRANCH CIRCUIT WIRING PROVIDED BY THE ELECTRICAL CONTRACTOR SHALL BE COPPER; FEEDER & SERVICE WIRING SHALL BE ALUMINUM.

2.7) CONDUCTORS AMPACITY OF NONMETALLIC SHEATHED CABLE IS LIMITED TO THE 60 DEGREE.CONTRACTOR SHALL REFER NEC TABLE 310.15(B)(16), ALL OTHER CONDUCTORS SHALL HAVE A MINIMUM TEMPERATURE RATING OF 75 DEGREES C. (TYPE THWN OR TYPE THHN), 98% COPPER OR ALUMINUM

2.8) WHERE POSSIBLE, EXCEPT AS SHOWN OTHERWISE ON THE DRAWINGS, ALL CONDUIT SHALL BE RUN CONCEALED BELOW GRADE, WITHIN WALLS OR ABOVE CEILING.

2.9) CONDUCTORS #12 AWG AND SMALLER SHALL BE SOLID. CONDUCTOR 10# AWG AND LARGER SHALL BE STRANDED. CONDUCTOR #12 AWG MAY BE SOLID OR STRANDED, EXCEPT THAT ONLY # 12 AWG SOLID OR ONLY #12 AWG STRANDED SHALL BE USED.

2.10) MOUNTING HEIGHT OF WALL MOUNTED CONTROLS AND RECEPTACLES SHALL FOLLOW THE GIVEN DIAGRAM BELOW, UNLESS COMPARABLE CONTROLS OR OUTLETS (THAT PERFORM THE SAME FUNCTIONS) ARE PROVIDED WITHIN THE SAME AREA AND ARE ACCESSIBLE.



CONTRACTOR SHALL:

3.1) OBTAIN AND PAY ALL INSURANCE, FEES, PERMITS, ASSOCIATION DUES, ROYALTIES, AND TAXES OF WHATEVER NATURE WHICH SHALL APPLY TO THE WORK.

3.2) PAY ALL INSPECTION FEES AS REQUIRED BY LAW OR ORDINANCE.

3.3) HOLD THE OWNER HARMLESS FROM ANY DAMAGE AND EXPENSE ARISING FROM ANY VIOLATION OF THE LAWS, RULES, OR ORDINANCES.

3.4) PROVIDE MATERIALS THAT ARE NEW AND FREE OF DEFECTS AND UL LISTED FOR THE INTENDED APPLICATION.

3.5) TAKE MEASUREMENTS AND MAKE LAYOUTS AS REQUIRED FOR PROPER INSTALLATION AND COMPLETION OF WORK IF THE ELECTRICAL DRAWINGS ARE NOT TO BE SCALED WHERE SPECIFIC DETAILS AND DIMENSIONS FOR ELECTRICAL WORK ARE NOT SHOWN IN DRAWINGS

3.6) INSPECT SITE FOR FIELD VERIFICATION OF ALL ASPECTS OF THE PROJECT PRIOR TO BIDDING.

3.7) EXAMINE ALL DRAWINGS CAREFULLY PRIOR TO SUBMITTING A BID.

3.8) BE REQUIRED TO FURNISH, INSTALL AND/OR CONNECT WITH APPROPRIATE SERVICES ALL ELECTRICAL ITEMS SHOWN ON ANY OF THE ARCHITECTURAL, PLUMBING, AIR CONDITIONING, SPRINKLER DRAWINGS WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

4. START OF WORK BY CONTRACTOR SHALL BE CONSIDERED AS ACCEPTANCE BY HIM OF ALL CLAIMS OR QUESTIONS AS TO SUITABILITY OF THE WORK OF OTHER TRADES OR OTHER CONTRACTORS TO RECEIVE HIS WORK. THIS CONTRACTOR SHALL REMOVE AND REPLACE AT HIS EXPENSE, ALL LIGHTING WORK WHICH MAY HAVE TO BE REMOVED BECAUSE OF INTERFERENCE WITH OTHER TRADES

PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND TOOLS TO PERFORM ALL WORK NECESSARY FOR THE COMPLETE EXECUTION OF THE LIGHTING WORK AS SHOWN ON THE DRAWINGS.

DRAWINGS ARE TO BE CONSIDERED DIAGRAMMATIC, NOT NECESSARILY SHOWING IN DETAIL OR TO SCALE ALL OF THE MINOR ITEMS, UNLESS SPECIFIC DIMENSIONS ARE SHOWN. THE STRUCTURAL, ARCHITECTURAL AND SITE CONDITIONS SHALL GOVERN THE EXACT LOCATIONS.THE CONTRACTOR SHALL FOLLOW DRAWINGS IN LAYING OUT WORK, CHECK DRAWINGS OF ALL TRADES TO VERIFY SPACES IN WHICH WORK WILL BE INSTALLED AND MAINTAIN MAXIMUM HEAD ROOM, OR SPACES OR CONDITIONS AT ALL POINTS. WHERE HEAD ROOM OR SPACES OR CONDITIONS APPEAR INADEQUATE, ARCHITECT/ENGINEER SHALL BE NOTIFIED BEFORE PROCEEDING WITH INSTALLATION. THIS CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE FIELD MODIFICATIONS IN LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF VARIOUS TRADES OR FOR PROPER EXECUTION OF WORK. WHERE DISCREPANCIES OCCUR. THE ARCHITECTURAL REFLECTED CEILING PLANS TAKE PRECEDENCE OVER THE ELECTRICAL LIGHTING FOR LOCATION AND ORIENTATION OF LIGHTING FIXTURES.

ALL DISCREPANCIES OF DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER IN WRITING IN AMPLE TIME TO PERMIT REVISIONS PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID CONSTITUTES ACCEPTANCE OF FIELD CONDITIONS AND ELECTRICAL DRAWINGS.

8. PROVIDE MEANS 'FURNISH AND INSTALL COMPLETE AND READY FOR USE'.

9. DRAWINGS DO NOT NECESSARILY INDICATE THE ACTUAL ROUTES OF CONDUIT. WHERE INDICATED, THEY SHALL BE FOLLOWED AS CLOSELY AS PROPER COORDINATION WITH THE WORK OF OTHER TRADES AND SPACES WILL PERMIT WHERE CONDUIT RUNS ARE NOT SHOWN ON THE DRAWINGS, COORDINATE CONDUIT RUNS WITH THE WORK OF OTHER TRADES AND STRUCTURE. SIMPLIFY INSTALLATION WHERE POSSIBLE, BUT SUBJECT TO APPROVAL OF ARCHITECT FOR VISUAL AND STRUCTURAL REASONS. IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS, BENDS, PULL BOXES, AND OBSTRUCTIONS. THE DRAWINGS ARE NOT INTENDED TO BE SCALED AND REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.

10. LABOR FOR THE INSTALLATION OF MATERIALS AND EQUIPMENT PROVIDED UNDER THE ELECTRICAL CONTRACTORS SCOPE OF WORK SHALL BE PERFORMED IN A NEAT AND FIRST CLASS WORKMANSHIP LIKE MANNER BY THOSE EXPERIENCED AND QUALIFIED OF THE PROPER TRADE AND SHALL BE IN COMPLIANCE WITH THE SPECIFIC REQUIREMENTS OF THE CONTRACT DRAWINGS. AND ALL CODES, ORDINANCES OF STATUES. ETC. APPLICABLE

11. ALL MOUNTING HEIGHTS INDICATED ARE MEASURED FROM FINISHED FLOOR UNLESS OTHERWISE NOTED.

12. PROVIDE TEMPORARY LIGHTING, POWER, AND WIRING SYSTEMS FOR USE OF ALL TRADES, ADEQUATE FOR ENTIRE NEEDS OF THE PROJECT.

13. PROVIDE LIGHT FIXTURES AS SELECTED BY ARCHITECT, OR AS SPECIFIED.

14. PROVIDE ALL WIRING DEVICES.

PROJECT GENERAL NOTES

15. IDENTIFY CLEARLY ON A TYPE WRITTEN FORM ALL CIRCUITS AND EQUIPMENT TO CORRESPOND WITH THE PLANS AND PANEL SCHEDULE AND ATTACH INSIDE THE PERTAINING PANEL.

16. ALL EQUIPMENTS AND MATERIALS SHALL BE GUARANTEED FOR ONE YEAR AFTER THE DATE OF ACCEPTANCE

17. AT COMPLETION OF JOB THE ELECTRICAL CONTRACTOR SHALL GIVE THE OWNER AN AS-BUILT SET OF REPRODUCIBLE DRAWINGS SHOWING THE EXACT ELECTRICAL INSTALLATION, WRITTEN MAINTENANCE INSTRUCTIONS AND SCHEDULE OF ROUTINE MAINTENANCE AS WELL AS ANY OTHER CLOSE OUT ITEMS REQUIRED BY THE CONTRACT DOCUMENTS.

18. BEFORE BIDDING THE JOB THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ANY EXISTING CONDITIONS.

19. ALL ELECTRICAL SWITCHES, CONTROLS, ETC. IN ALL AREAS ARE TO BE AT A.D.A. ACCESSIBILITY CODE COMPLAINT HEIGHT. REFER TO GENERAL NOTE #2-J).

20. CIRCUIT NUMBERS SHOWN ON THE DRAWINGS ARE FOR REFERENCE ONLY, BALANCE LOADS AMONG PHASES IN NEW PANEL BOARDS TO WITHIN 10% OF EACH OTHER.

21. FEEDER CONDUCTORS SHALL BE SIZED BY ENGINEER.

22. AT COMPLETION OF WORK, CONTRACTOR SHALL CLEAN UP AND REMOVE ALL DEBRIS AND MATERIALS NOT INSTALLED IN WORK, LEAVING PREMISES CLEAN.

23. THE FRANCHISE BRAND STANDARDS DESIGN DOCUMENT SHALL BE CONSIDER AS AN INTEGRAL PART OF CONSTRUCTION DOCUMENTS, ALL CONTRACTOR SHALL ENSURE THEY OBTAIN, READ AND FAMILIARIZE THEMSELVES WITH THE BRAND STANDARD DOCUMENT BEFORE BIDDING AND ALSO THROUGHOUT THE CONSTRUCTION STAGES. IF THERE ARE ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND THE FRANCHISE BRAND STANDARDS. THE CONTRACTOR SHALL ISSUE AN RFI TO THE AOR AND EOR.

24. ELECTRICAL CONTRACTOR TO COORDINATE WITH CONTROLS MANUFACTURER FOR EXACT INSTALLATION AND WIRING DETAILS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONTROLS COMPATIBILITY WITH ALL COMPONENTS PURCHASED ON SITE. ANY SUBSTITUTIONS MADE NEED TO BE VERIFIED BY THE ELECTRICAL CONTRACTOR PRIOR TO PURCHASE TO BE COMPATIBLE WITH SYSTEM.

25. THE WORK SHALL BE COORDINATED WITH THE ARCHITECTURAL DOCUMENTS FOR THE EXACT LOCATION OF LIGHT FIXTURES, EQUIPMENT, DEVICES, ETC. TO ASSURE PROPER PLACEMENT OF SAID DEVICES AND EQUIPMENT. SWITCHES SHALL BE PLACED ON LATCH SIDE OF ALL DOOR OPENINGS. WHERE A CONFLICT EXISTS BETWEEN ANY TWO DOCUMENTS, NOTIFY THE ARCHITECT PRIOR TO ANY INSTALLATION FOR RESOLUTION

26. REFER TO ARCHITECTURAL AND INTERIOR DESIGN REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES SHOWN.

LIGHTING NOTES

. REFER TO ENLARGE POWER PLAN SHEET FOR PANEL LOCATIONS.

2. REFER TYPICAL GUESTROOM PLAN FOR DETAILED ROOM LAYOUT, REFER TO FULL FLOOR POWER AND LIGHTING PLANS FOR EXACT CIRCUITING INFORMATION.

PROVIDE 3#12 1/2"C BETWEEN CORRESPONDING 3-WAY/4-WAY SWITCHES.

COORDINATE EXACT LOCATION OF COVE LIGHTING WITH ARCHITECTURAL AND LIGHTING DESIGN DRAWINGS.

5. COORDINATE EXACT LOCATION OF TABLE AND HEADBOARD LIGHTING WITH ARCHITECTURAL DRAWINGS.

6. PROVIDE DIMMING CONTROLS FOR REGISTRATION DESK, LOBBY, BREAKFAST AND CORNER MARKET AREA.

7. REFER TO ARCHITECTURAL AND LIGHTING DESIGN DRAWING REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES SHOWN.

8. REFER TO PROJECT MASTER LIGHT FIXTURE SCHEDULE FOR LIGHT DETAILS.

9. ALL EMERGENCY LIGHTING FIXTURES SHOWN SHALL OPERATE AS UNSWITCHED NIGHT LIGHT FIXTURES, UNLESS NOTED OTHERWISE. WHERE REQUIRED BY LOCAL AUTHORITY, PROVIDE 24 HOUR POWER TO ALL EGRESS AND EXIT LIGHT FIXTURES.

10. ROUTE LIGHTING HOMERUN SERVING EXTERIOR HOTEL SIGNS THROUGH EXTERIOR TIME CLOCK FOR

CONTROL.COORDINATE EXACT REQUIREMENTS FOR EXTERIOR HOTEL SIGNS.AND LOCATION OF JBOX WITH

11. CIRCUIT SHALL SERVE ALL LIGHTING IN THIS GUESTROOM. NO NON-LIGHTING LOADS TO BE SERVED BY THIS

12. THE LIGHTING SYSTEM SHALL BE COMPATIBLE WITH THE ACOUSTICAL, THERMAL, AND AESTHETIC REQUIREMENTS OF THE HOTEL BUILDING. IT MUST COMPLY WITH APPLICABLE CODES. ADEQUATE CONTROL AND FLEXIBILITY IN LIGHTING ARRANGEMENTS ARE VERY DESIRABLE.

13. THE LIGHTING DESIGN, INCLUDING LAYOUT AND LIGHTING FIXTURES, IN PUBLIC SPACES SUCH AS THE GUEST KITCHEN AREA, LOBBY, GUEST ROOMS, CORRIDORS AND OTHER PUBLIC SPACES HAS BEEN PROVIDED AS PER

14. ALL HARD-WIRED FIXTURES SHALL BE INSTALLED BY THE CONTRACTOR.

15. ALL EXTERIOR LIGHTING INCLUDING BUILDING LIGHTING, SITE LIGHTING, LANDSCAPE LIGHTING, EXTERIOR BUILDING AND GROUND SIGNAGE TO BE CONTROLLED BY PHOTO CELL.

	SYMBOL	DESCRIPTION		LIGHT	ING
	LIGHTING		SHEET NUMBER	SHEET NAME	CURRENT ISSUE DATE
1	⊠ ⊠	600mmX1200mm (2'X4') LIGHTING FIXTURE 600mmX600mm (2'X2') LIGHTING FIXTURE	LT-001	GENERAL NOTES, LEGENDS AND ABBREVIATIONS	2023.04.28
	≥	300mmX1200mm (1'X4') LIGHTING FIXTURE STRIP	LT-002A LT-002B LT-002C	LIGHTING FIXTURE SCHEDULE-1 LIGHTING FIXTURE SCHEDULE-2 LIGHTING FIXTURE SCHEDULE-3	2023.04.28 2023.04.28 2023.04.28
	° ♦ ♀ †	DOWNLIGHT WALL WASHER WALL SCONCE CHANDELIER/PENDANT	LT-002D LT-003 LT-101 LT-102 LT-200A	LIGHTING FIXTURE SCHEDULE-4 LIGHTING CONTROL SCHEDULE LIGHTING DETAILS-1 LIGHTING DETAILS-2 SITE LIGHTING PLAN	2023.04.28 2023.04.28 2023.04.28 2023.04.28 2023.04.28
	WIRING DE		LT-200A LT-200B LT-201	SITE PHOTOMETRICS PLAN 1ST FLOOR LIGHTING PLAN	2023.04.28 2023.04.28 2023.04.28
	\$\$\$4\$\$\$\\\$\\\$\\\$\\\\\\\\\\\\\\\\\\\\\\	CIRCUIT BREAKER 120V AC SINGLE POLE 20 AMP SWITCH (ROCKER TYPE) MOUNTED AT 46" AFF ON CENTER, UNO. 120V AC 3-WAY OR 4-WAY 20 AMP SWITCH (ROCKER TYPE) MOUNTED AT 46" AFF ON CENTER, UNO. 120V AC 20 AMP DIMMER SWITCH (ROCKER TYPE) MOUNTED AT 46" AFF ON CENTER, UNO. 120V AC 20 AMP KEYED SWITCH (ROCKER TYPE) MOUNTED AT 46" AFF ON CENTER, UNO. 120V WALL SWITCH OCCUPANCY SENSOR MOUNTED AT 84" AFF ON CENTER, UNO. 24V OCCUPANCY SENSOR CEILING MOUNTED, UNO.	LT-202 LT-203 LT-204 LT-205 LT-206 LT-207 LT-208 LT-209	2ND FLOOR LIGHTING PLAN 3RD FLOOR LIGHTING PLAN 4TH FLOOR LIGHTING PLAN BUILDING EXTERIOR ELEVATION PLAN-1 BUILDING EXTERIOR ELEVATION PLAN-2 TYPICAL UNIT LIGHTING PLAN-1 TYPICAL UNIT LIGHTING PLAN-2 DIMMER RISER DIAGRAM	2023.04.28 2023.04.28 2023.04.28 2023.04.28 2023.04.28 2023.04.28 2023.04.28 2023.04.28
	\$ _T	120V AC 20 AMP TIMER SWITCH MOUNTED AT 46" AFF ON CENTER, UNO. GUEST ROOM DOORBELL DISCONNECT SWITCH MOUNTED @ 46" AFF ELECTRICAL PANEL BOARD	A ADA AFF ATS	ABOVE FINISHED FLOOR	

GENERAL LIGHTING CONTROL

SYMBOL LEGEND

COMMON AREA:

<u>LIGHTING PANEL FOR HLA, HLB:</u> CHECK WITH ELECTRICAL FOR PROPER PANEL LOCATIONS

CONTROL CHECK:

A. SERVICE CORRIDORS: SWITCH FROM LOCAL PANEL WHENEVER PRACTICAL

B. LOBBY: DIMMER CONTROL PROGRAMMING MUST ALLOW MINIMUM OF THREE SETTINGS C. RESTAURANTS/ MEETING ROOMS/ BOARDROOMS: DIMMER CONTROL WITH LOCAL BYPASS

SWITCHING. D. GENERAL INTERIOR LIGHTING:SWITCH LOCALLY

E. STAIRWAY AND EXIT LIGHTS: SWITCH FROM PANEL F. GUEST CORRIDORS: SWITCH AT PANEL LOCATED IN ELECTRICAL CLOSET.

G. DAYLIGHT SENSOR, DIMMING WITH TWO MODES, ALTERNATE LOOPING WHICHEVER USEFUL

H. OUTDOOR POOLS SHALL HAVE KEYED REMOTE OR OCCUPANCY SENDOR LIGHT SWITCHES. I. FITNESS ROOMS SHALL HAVE KEYED REMOTE OR OCCUPANCY SENSORS LIGHT SWITCHES. J. PUBLIC AREAS: CONTROL FROM BACK-OF-HOUSE AREAS.

CHECK THE EXTERIOR LIGHTING AT THE EVERY EGRESS DOORS.

VERIFY 100 FEET MAXIMUM DISTANCE BETWEEN EXITS SIGNS IN CORRIDORS

LIGHTS ARE NOT ALLOWED TO BE MANUALLY OPERATED AND MUST REMAIN ON WHEN THE SPACE IS

PROVIDE SEPARATE WALL SWITCH FOR EXHAUST FAN. AN OCCUPANCY/MOTION SENSOR CONTROLLED EXHAUST FAN IS NOT ALLOWED. ILLUMINATED ROCKER SWITCH-PROVIDE A WALL SWITCH IMMEDIATELY

ADJACENT TO ENTRANCE OF BATHROOM.

OFFICES:
ALL OFFICE LIGHTING MUST BE ON OCCUPANCY SENSOR.

MECHANICAL ROOMS: LIGHT SWITCH FOR THE ROOM MUST BE IMMEDIATELY ADJACENT TO THE ENTRY DOOR.

10. LIGHT REDUCTION CONTROLS

SPACES REQUIRED TO HAVE LIGHT-REDUCTION CONTROLS SHALL HAVE A MANUAL CONTROL THAT ALLOWS THE OCCUPANT TO REDUCE THE CONNECTED LIGHTING LOAD IN A REASONABLY UNIFORM ILLUMINATION PATTERN BY AT LEAST 50 PERCENT. LIGHTING REDUCTION SHALL BE ACHIEVED BY ONE OF THE FOLLOWING OR ANOTHER APPROVED METHOD:

10.1. CONTROLLING ALL LAMPS OR LUMINAIRES.

10.2. DUAL SWITCHING OF ALTERNATE ROWS OF LUMINAIRES, ALTERNATE LUMINAIRES OR ALTERNATE LAMPS.

10.3. SWITCHING THE MIDDLE LAMP LUMINAIRES INDEPENDENTLY OF THE OUTER LAMPS.

10.4. SWITCHING EACH LUMINAIRE OR EACH LAMP.

EXCEPTION: LIGHT REDUCTION CONTROLS ARE NOT REQUIRED IN DAYLIGHT ZONES WITH DAYLIGHT RESPONSIVE CONTROLS.

GUESTROOM:

PROVIDE A DOORBELL (HORN / STROBE) IN EACH ROOM (BATHROOM COMPARTMENT, LIVING ROOM AND BEDROOM), WITH AN ACCESSIBLE SHUT-OFF SWITCH LOCATED ADJACENT TO THE GUESTROOM ENTRY

HEARING IMPAIRED/ ACCESSIBLE: ENSURE DOORBELL PUSH BUTTON MOUNTED AT 46" AFF AND SWITCH TO DISCONNECT THE DOORBELL MOUNTED AT 46" AFF ARE PROVIDED IN HEARING IMPAIRED GUESTROOMS.

CONTRACTOR SHALL PROVIDE THERMOSTAT WITH INBUILT OCCUPANCY SENSOR THAT AUTOMATICALLY SWITCH OFF ALL PERMANENTLY INSTALLED LUMINARIES AND SWITCHED RECEPTACLES WITHIN 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE UNIT.

DRAWING INDEX

CURRENT ISSUE

DESCRIPTION

ISSUED FOR PERMIT

NEUTRAL NON FUSED NATIONAL FIRE PROTECTION ASSOCIATION NIGHT LIGHT (UNSWITCHED CKT.) POLE CIRCUIT CKT PHASE CEILING PANEL CLG **PWR** POWER **EMERGENCY** ΕM JUNCTION BOX UNDERGROUND LTG LIGHTING LIGHTS VOLTAGE MAIN CIRCUIT BREAKER MCB WATTS

BASE4 WILL NOT BE RESPONSIBLE FOR CHANGES OF ANY KIND (CHANGE ORDERS, BACK CHARGES OR DELAY CLAIMS) FROM ANY SET PROVIDED BY BASE4 PRIOR TO THE RECEIPT OF A BUILDING PERMIT FROM THE AHJ. THIS INCLUDES BUT IS NOT LIMITED TO PROGRESS SETS. EARLY STAGE RELEASES. FRANCHISE SUBMITTALS OR BID SETS. ONLY AHJ APPROVED PERMIT SETS SHALL BE CONSIDERED ACCEPTABLE FOR CONSTRUCTION OR FINAL PRICING. BIDDING, FABRICATING OR BUILDING FROM NON PERMIT APPROVED

DRAWINGS IS SOLELY AT THE CONTRACTOR'S RISK.

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CHECKED BY GWV

B4-281-2301

SHEET NAME

GENERAL NOTES, **LEGENDS AND**

ABBREVIATIONS

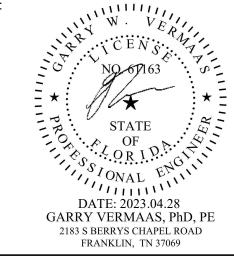
					L	IGHTING FIXT	URE SCHEDULE	INTERIO	R-1			
LEGEND PRESENTATION	LEGEND	TYPE MARK	MANUFACTURER	CATALOG NUMBER	WATTS	MOUNTING	FINISH	LAMP TYPE	VOLTAGE	DESCRIPTION	LOCATIONS	REMAR
		ALB-001	COOPER-METALUX	22CZ2-39-UNV-L835-CD1-U	36.4	RECESSED	WHITE	LED	120 V	2x2 LENSED CRUZE CENTER BASKET TROFFER LIGHT, 3932 DELIVERED LUMENS, 3500K, 85+ CRI	OFFICE, WORK ROOM	
		ALB-001/E	COOPER-METALUX	22CZ2-39-UNV-EL7W-L835-C D1-U	36.4	RECESSED	WHITE	LED	120 V	2x2 LENSED CRUZE CENTER BASKET TROFFER LIGHT, 3932 DELIVERED LUMENS, 3500K, 85+ CRI,WITH MINIMUM 90 MINUTES BATTERY BACKUP	OFFICE, WORK ROOM	
		ALB-002	COOPER-METALUX	24GR-LD5-72-F1-UNV-L835-C D1-U	54.2	RECESSED	WHITE	LED	120 V	2x4 RECESSED LENSED TROFFER, A12 SHIELDING,7203 DELIVERED LUMENS, 3500K, 85+ CRI	FOOD PREP	
		ALB-002/E	COOPER-METALUX	24GR-LD5-72-F1-UNV-EL7W-L 835-CD1-U	54.2	RECESSED	WHITE	LED	120 V	2x4 RECESSED LENSED TROFFER, A12 SHIELDING,7203 DELIVERED LUMENS, 3500K, 85+ CRI,WITH MINIMUM 90 MINUTES BATTERY BACKUP	FOOD PREP	
		ALB-006	COOPER-METALUX	22CZ2-39-UNV-L835-CD1-U	41.3	RECESSED	WHITE	LED	120 V	2x2 LENSED CRUZE CENTER BASKET TROFFER LIGHT, 3908 DELIVERED LUMENS, 3500K, 85+ CRI	LAUNDRY	
		ALB-006/E	COOPER-METALUX	22CZ2-39-UNV-EL7W-L835-C D1-U	41.3	RECESSED	WHITE	LED	120 V	2x2 LENSED CRUZE CENTER BASKET TROFFER LIGHT, 3908 DELIVERED LUMENS, 3500K, 85+ CRI,WITH MINIMUM 90 MINUTES BATTERY BACKUP	LAUNDRY	
		ALB-012	COOPER-METALUX	22SR-LD2-29-C-UNV-L835-CD 1-U	23.4	RECESSED	WHITE	LED	120 V	2x2 EDGELIT SKYRIDGE CENTER BLADE LIGHT, 2948 DELIVERED LUMENS, 3500K, 85+ CRI	FITNESS AREA, MEETING ROOM	
		ALB-012/E	COOPER-METALUX	22SR-LD2-29-C-UNV-L835-EL 7W-CD1-U	23.4	RECESSED	WHITE	LED	120 V	2x2 EDGELIT SKYRIDGE CENTER BLADE LIGHT, 2948 DELIVERED LUMENS, 3500K, 85+ CRI ,WITH MINIMUM 90 MINUTES BATTERY BACKUP	FITNESS AREA, MEETING ROOM	
		ALB-015	COOPER-METALUX	22CZ2-32-UNV-L835-CD1-U	23.5	RECESSED	WHITE	LED	120 V	2x2 LENSED CRUZE CENTER BASKET TROFFER LIGHT, 2899 DELIVERED LUMENS, 3500K, 85+ CRI	EMPLOYEE BREAK ROOM	
		ALB-015/E	COOPER-METALUX	22CZ2-32-UNV-L835-EL7W-C D1-U	23.5	RECESSED	WHITE	LED	120 V	2x2 LENSED CRUZE CENTER BASKET TROFFER LIGHT, 2899 DELIVERED LUMENS, 3500K, 85+ CRI,WITH MINIMUM 90 MINUTES BATTERY BACKUP	EMPLOYEE BREAK ROOM	
		ALB-017	COOPER-METALUX	22CZ-LD5-39-UNV-L835-CD1- U, SK-22-WS	41.3	SURFACE	WHITE	LED	120 V	2X2 LENSED CRUZE CENTRE BASKET TROFFER WITH SURFACE, 3908 DELIVERED LUMENS, 3500K, 85+CRI	GUEST LAUNDRY ROOM	
		ALB-017/E	COOPER-METALUX	22CZ-LD5-39-UNV-EL7W-L835 -CD1-U, SK-22-WS	41.3	SURFACE	WHITE	LED	120 V	2X2 LENSED CRUZE CENTRE BASKET TROFFER WITH SURFACE, 3908 DELIVERED LUMENS, 3500K, 85+CRI,WITH MINIMUM 90 MINUTES BATTERY BACKUP	GUEST LAUNDRY ROOM	
80		ALJ-017	COOPER-HALO	HU30BSC24P, HU109P	16.5	UNDERCAB INET	WHITE	LED	120 V	UNDERCABINET LED W/ SWITCH, 660 DELIVERED LUMENS, 3000K, 90 CRI	EMPLOYEE BREAK ROOM	
ETO THE		ALJ-018	COOPER-HALO	HU30BSC36P, HU109P	16.5	UNDERCAB INET	WHITE	LED	120 V	3 FOOT LOW PROFILE UNDERCABINET W/ SWITCH, 990 DELIVERED LUMENS, 3000K, 90 CRI	WORK ROOM	
		ALJ-020	COOPER-METALUX	4WNLED-LD4-40SL-F-UNV-L8 35-CD1-U	36	SURFACE	ACRYLIC	LED	120 V	4' SURFACE MOUNTED LED, 4062 DELIVERED LUMENS, 3500K, 85+ CRI	ELECTRICAL ROOM, MECHANICAL ROOM, ELECTRICAL/PBX, STORAGE, HOUSEKEEPING, POOL MECH	
		ALJ-020/E	COOPER-METALUX	4WNLED-LD4-40SL-F-UNV-L8 35-EL7W-CD1-U	36	SURFACE	ACRYLIC	LED	120 V	4' SURFACE MOUNTED LED, 4062 DELIVERED LUMENS, 3500K, 85+ CRI, WITH MINIMUM 90 MINUTES BATTERY BACKUP.	ELECTRICAL ROOM, MECHANICAL ROOM, ELECTRICAL/PBX, POOL VEST, STORAGE, HOUSEKEEPING, POOL MECH	
The second secon		L-1	LUMENTS	UU516331	9	PENDANT	COPPER, NICKLE	LED	120 V	HERACLEUM II LED SUSPENSION, 388.5 DELIVERED LUMENS, 2700K, 81 CRI	LOBBY	
		L-2	LUMENTS	UU510731	11.5	PENDANT	CROME	LED	120 V	RANDOM II LIGHT (WHITE/MEDIUM/ INTEGRATED LED)	LOUNGE	
		L-3	LUMENTS	SEDP207773	36	PENDANT	MATTE BLACK WITH COPPER	LED	120 V	LING LINEAR PENDANT, 1270 DELIVERED LUMENS, 3000K, 90 CRI	LOUNGE	
	\odot \odot	L-4	LUMENS	PABP89446	33	PENDANT	BLACK WITH BRASS	LED	120 V	SWELL STRING MIXED MULTI LIGHT PENDANT, 2400 DELIVERED LUMENS	BREAKFAST AREA	
		L-5	LUMENS	PABP110063	33	PENDANT	BLACK WITH BRASS	LED	120 V	SWELL CHANDELIER, 2400 DELIVERED LUMENS.	BREAKFAST AREA	



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LIGHTING FIXTURE SCHEDULE-1

DRAWINGS NO.

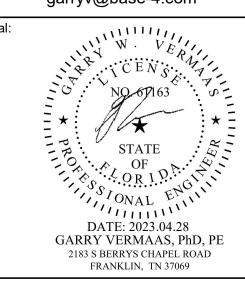
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						LIGI	HTING FIXT	URE SC	HEDULE IN	NTERIOR-2		
LEGEND PRESENTATION	LEGEND	TYPE MARK	MANUFACTURER	CATALOG NUMBER	WATTS	MOUNTING	FINISH	LAMP TYPE	VOLTAGE	DESCRIPTION	LOCATIONS	REMARK
PRESENTATION		ALD-020	COOPER-METALUX	2WNLED-LD4-28SL-FU NVL835-EL7W-CD1-U	28	SURFACE	ACRYLIC		120 V	2' SURFACE MOUNTED LED, 2786 DELIVERED LUMENS, 3500K, 85+ CRI, WITH MINIMUM 90 MINUTES BATTERY BACKUP	IT CLOSET	
		ALD-020/E	COOPER-METALUX	NVL835-EL/VV-CD1-U	28	SURFACE	ACRYLIC	LED	120 V	2' SURFACE MOUNTED LED, 2786 DELIVERED LUMENS, 3500K, 85+ CRI, WITH MINIMUM 90 MINUTES BATTERY BACKUP	IT CLOSET	
		ALJ-038	COOPER-METALUX	2WNLED-LD4-28SL-FU NVL835-CD1-U	28	SURFACE	ACRYLIC	LED	120 V	2' SURFACE MOUNTED LED, 2786 DELIVERED LUMENS, 3500K, 85+ CRI	IT CLOSET	
		ALJ-039	RICHELIEU LIGHTING	FLEXYLED CH LIGHTS # 103197122	24	COVE	WHITE	LED	120 V	LED STRIP WITH 45 DEG CHANNEL TRANSLUCENT LENS, 85 LUMENS/WATT, 3100K, 80 CRI	REGISTRATION AREA	
		ALJ-040	RICHELIEU LIGHTING	FLEXYLED CH LIGHTS # 103197122	24	COVE	WHITE	LED	120 V	LED STRIP WITH STRAIGHT CHANNEL TRANSLUCENT LENS, 85 LUMENS/WATT, 3100K, 80 CRI	REGISTRATION AREA	
		ALJ-041	COOPER-IO	0.03-1W-830-90-ID-STD -UNV-AN-WM-E-6F0	6.12	COVE	WHITE	LED	120 V	72"L x 0.75" W x0.75" H, LINEAR COVE SIDE MOUNTED SMALL PROFILE LIGHT, 492 DELIVERED LUMENS, 3000K, 82+CRI	REGISTRATION AREA	
		ALJ-042	COOPER-AMETRIX	CS-SL-8SCT-120-ID-UN V-W-SASTD-1F	17	COVE	WHITE	LED	120 V	24"L X 2.74"W X 2.43"H, SMALL PROFILE COVE, 1500 DELIVERED LUMENS, 3000K, 85+CRI	ELEVATOR LOBBY	
		ALK-005	COOPER CORELITE	JS-LL-3L35-1D-120-SU- WA-STD-S	23	SURFACE	SILVER	LED	120 V	24.75"L x 8.5" W x 2.5" H JAYLUM SCONCE STAIRWELL WITH BACKLIGHT, 1376 DELIVERED LUMENS, 3500K, 85+ CRI	STAIRWELL	CONTRAC TOR TO PROVIDE INVERTE R CKT FOR THIS FIXTURE
		ALO-005	HYDREL LIGHTING	4800-RD-SS-LED-12-CL S-NM-3445B-CSL-35'-S WM-LP		WALL	WHITE	LED	120 V	UNDERWATER POOL ACCENT WITH REMOTE TRANSFORMER	POOL AREA	
	0	ALR-021	COOPER-HALO	ML4D09NFL930E/TL43 R2GMWWB/H245ICA T	12.1	RECESSED	WHITE	LED	120 V	4" RECESSED LED DOWNLIGHT SMALL APERATURE, 900 DELIVERED LUMENS, 3000K, 90+ CRI	CORRIDOR	
	0	ALR-021/E	COOPER-HALO	ML4D09NFL930E/TL43 R2GMWWB/H245ICA T		RECESSED	WHITE	LED	120 V	4" RECESSED LED DOWNLIGHT SMALL APERATURE, 900 DELIVERED LUMENS, 3000K, 90+ CRI	CORRIDOR	-
	0	ALR-030	COOPER-HALO	HC615D010/HM612930/ 61MDH	13.7	RECESSED	WHITE	LED	120 V	6" APPERATURE LED DOWNLIGHT, 1235 DELIVERED LUMENS, 3000K, 90+ CRI	FITNESS ROOM, CORRIDOR, STAIRS	
	0	ALR-030/E	COOPER-HALO	HC615D010/HM612930/ 61MDH	13.7	RECESSED	WHITE	LED	120 V	6" APPERATURE LED DOWNLIGHT, 1235 DELIVERED LUMENS, 3000K, 90+ CRI	FITNESS ROOM, CORRIDOR, STAIRS	
		ALR-031	COOPER-HALO	E550ICAT - ML5609930592W	9.4	RECESSED	WHITE	LED	120 V	9 7/8"L x 6 3/4"H x 6 3/4" W 5"ML DOWNLIGHT, 832 DELIVERED LUMENS, 3000K, 90+ CRI	GUESTROOM BATHROOM	ISS N
	0	ALR-043	COOPER- HALO COMMERCIAL	HC620D010-HM052593 0-61MDH	14.2	RECESSED	WHITE	LED	120 V	6" RECESSED LED DOWNLIGHT, 1749 DELIVERED LUMENS, 3000K, 90+ CRI	VESTIBULE, POOL VESTIBULE, LOBBY AREA, CORRIDOR AREA, BREAKFAST AREA	1
	0	ALR-043/E	COOPER- HALO COMMERCIAL	HC620D010-HM052593 0-61MDH	14.2	RECESSED	WHITE	LED	120 V	6" RECESSED LED DOWNLIGHT, 1749 DELIVERED LUMENS, 3000K, 90+ CRI, WITH MINIMUM 90 MINUTES BATTERY BACKUP	VESTIBULE, POOL VESTIBULE, LOBBY AREA, CORRIDOR AREA, BREAKFAST AREA	
	0	ALR-045	COOPER-HALO	HL36A20930ED010ICA T-TIR45NFL25-TL3R2G MW		RECESSED	WHITE	LED	120 V	4" DOWNLIGHT WITH ADJUSTABLE GIMBAL LIGHT ENGINE, 830 DELIVERED LUMENS, 3000K, 90+ CRI.	COFFEE BAR	
		ALR-046	COOPER-HALO	H2750ICAT-ML5606830 -691WB	09	RECESSED	WHITE	LED	120 V	6" ML DOWNLIGHT, 668 DELIVERED LUMENS, 3000K, 80+ CRI	GUESTROOM	
	0	ALR-051	COOPER- HALO COMMERCIAL	HC620D010-HM602593 0-61RWWCWF	20	RECESSED	WHITE	LED	120 V	6" RECESSED DOWNLIGHT WALL WASHER,1476 DELIVERED LUMENS, 3000K, 90+ CRI	WOMEN RESTROOM, MEN RESTROOM, EMPLOYEE BATHROOM	-
	0	ALR-051/E	COOPER- HALO COMMERCIAL	HC620D010-HM602593 0-61RWWCWF-REM7	20	RECESSED	WHITE	LED	120 V	6" RECESSED DOWNLIGHT WALL WASHER,1476 DELIVERED LUMENS, 3000K, 90+ CRI, WITH MINIMUM 90 MINUTES BATTERY BACKUP	WOMEN RESTROOM, MEN RESTROOM, EMPLOYEE BATHROOM	-
	0	ALY-020	COOPER- HALO COMMERCIAL	HC610D010-HM605258 40-61MDC	10	RECESSED	WHITE	LED	120 V	6" RECESSED EXTERIOR DOWNLIGH , 4000K, 80 CRI, 1071.6 DELIVERED LUMENS	EXTERIOR	
	0	ALY-020/E	COOPER- HALO COMMERCIAL	HC610D010-HM605258 40-61MDC	10	RECESSED		LED	120 V	6" RECESSED EXTERIOR DOWNLIGH , 4000K, 80 CRI, 1071.6 DELIVERED LUMENS, WITH MINIMUM OF 90 MINUTES OF BATTERY BACKUP	EXTERIOR	
		O01	MAXLITE	LSV4U3050EM	32.5	UNDERWA TER	STAINLE SS STEEL	LED	120 V	4' LED VAPOR TIGHT LINEAR FIXTURE, 4350 DELIVERED LUMENS, 5000K, 80+ CRI	ELEVATOR PIT, ELEVATOR SHAFT	



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LIGHTING FIXTURE SCHEDULE-2

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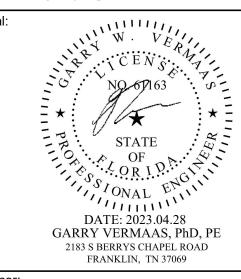
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						LIGHTING FIXT	URE SCHEDULE I	NTERIOI	 R-3			
LEGEND PRESENTATION	LEGEND	TYPE MARK	MANUFACTURER	CATALOG NUMBER	WATTS		FINISH		VOLTAGE	DESCRIPTION	LOCATIONS	REMARK
T ICOLIVITOR	0	ALR-052	COOPER - PORTFOLIO	LD6C-15-D010TR-EU6C-1 025-9030-6LBM2H-HB26	22.4	RECESSED	WHITE	LED	120 V	6" RECESSED LED DOWNLIGHT, 1500 DELIVERED LUMENS, 3000K, 90+ CRI	CORRIDOR	
	0	ALR-052/E	COOPER - PORTFOLIO	LD6C-15-D010TR-EU6C-1 025-9030-6LBM2H-EM7-H B26	22.4	RECESSED	WHITE	LED	120 V	6" RECESSED LED DOWNLIGHT, 1500 DELIVERED LUMENS, 3000K, 90+ CRI, WITH MINIMUM 90 MINUTES BATTERY BACKUP	CORRIDOR	
	0	ALR-053	COOPER-HALO	ML4D09NFL930E-TL41R MB-H245ICAT	12.8	RECESSED	BLACK	LED	120 V	4.5" ML DOWNLIGHT,998 DELIVERED LUMENS, 3000K, 90+ CRI	LOBBY, LOUNGE, REGISTRATION, BREAKFAST AREA	
	0	ALR-054	COOPER-HALO	ML4D09930E-TIR50AWW 25-TL41RMB-H245ICAT	12.8	RECESSED	BLACK	LED	120 V	4.5" ML ASYMETTRIC WALL WASHER, 770 DELIVERED LUMENS, 3000K, 90+ CRI	REGISTRATION DESK	
		ALT-007	TECH LIGHTING	700TTP4C-06SSTRACK	-	SURFACE	SATIN NICKEL	LED	120 V	8' TOTAL TRACK, CUT IN THE FEIELD PER PLANS	THE CORNER MARKET	
		ALT-008	TECH LIGHTING	700TTMISCA0371-H	50	TRACK HEAD	SATIN NICKEL	LED	120 V	TRACK ARCHITECTURAL HEAD -SATIN NICKEL CONNECTOR AND HEAD, 550 DELIVERED LUMENS, 3000K, 80 CRI	THE CORNER MARKET	
		BR-401	PROJECT LIGHT INC	176401	9	WALL	ANTIQUE BRASS	LED	120 V	8.5"H x 9.33"W x 15.8"D, LED WALL SCONCE, 3000K	BREAKFAST AREA	
		BR-403	PROJECT LIGHT INC	176403	9	CEILING	ANTIQUE BRASS	LED	120 V	12 5/16" "H x 18 1/8" DIA CEILING FIXTURE, 3000K	BREAKFAST AREA	
		EM	COOPER-SURELITES	AP2SQLED	1.8	WALL	WHITE	LED	120 V	EMERGENCY EXIT LIGHT	BREAKFAST AREA, REGISTRATION DESK, BUFFET AREA	
M	Р	PG-407	ASHLEY LIGHTING INC	71270-035C-F75D	20	WALL	ANTIQUE BRASS	LED	120 V	22" H X 4.5" W X 4" D WALL WITH CYLINDER SHAPED, 1000 DELIVERED LUMENS, 3000K	CORRIDOR AREA	
PR-401/ X-410	2	PR-401	ASHLEY LIGHTING INC	71270-035C-F75D	20	WALL	ANTIQUE BRASS	LED	120 V	22" H X 4.5" W X 4" D WALL WITH CYLINDER SHAPED, 1000 DELIVERED LUMENS, 3000K	PUBLIC BATHROOM	
EXIT		X1	LITHONIA LIGHTING	LQC 1 R EL N	0.6	WALL	RED	LED	120 V	DIE CAST ALUMINUM EMERGENCY EXIT LIGHT SIGN WITH BATTERY BACK	EGRESS PATH	INCLUDE THE DIRECTION ARROWS WITHIN THE EXIT SIGN.
EXIT		X01	EATON SURELITES	CX7	1	WALL/SURFACE	RED	LED	120 V	DIE CAST ALUMINUM EMERGENCY EXIT LIGHT SIGN WITH BATTERY BACK	EGRESS PATH	INCLUDE THE DIRECTION ARROWS WITHIN THE EXIT SIGN.
	®	X-302/X-302B	PROJECT LIGHT INC	181302	6	TABLE	ANTIQUE BRASS	LED	120 V	16"H X 14 5/8"D X 6"W ANTIQUE STYLE ACADEMY TASK LAMP, 3000K	GUESTROOM	1
		X-306/X-306B	PROJECT LIGHT INC	174306-G	16	FLOOR	ANTIQUE BRASS	LED	120 V	64" H X 18" W FLOOR LAMP WITH ROUND TAPERED DRUM SHADE FOR GUESTROOM,3000K	GUESTROOM	1
		X-407/X-407B	PROJECT LIGHT INC	180407-G	5	CEILING	SOLID BRASS	LED	120 V	14" DIA X 4" H GUEST ENTRY CEILING FIXTURE WITH GLASS LENS, 3000K	GUESTROOM	
		X-408 X-408B	ASHLEY LIGHTING INC	72263B-074-K81D	9	WALL	ANTIQUE BRASS	LED	120 V	18 1/4" H X 3.5" W X 4" D WALL SCONCE WITH ROCKER SWITCH , 800 DELIVERED LUMENS, 2700K	GUESTROOM	
		X-409	PROJECT LIGHT INC	224409	3	HEADBOARD	ANTIQUE BRASS	LED	120 V	H: 4" W: 2" MAX PROJECTION: 7" HEADBOARD MOUNTED LED READING LIGHT	GUESTROOM	
PR-401/ X-410		X-410	ASHLEY LIGHTING INC	71269-035C-F75D	12	WALL	ANTIQUE BRASS	LED	120 V	28" H X 4.5" W X 4" D WALL SCONCE WITH CYLINDER SHAPED,1200 DELIVERED LUMENS,3000K	GUESTROOM BATHROOM	



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SHEET NAME

LIGHTING FIXTURE SCHEDULE-3

						LIGHTIN	NG FIXTURE SCH	HEDULE	EXTERIOR			
LEGEND PRESENTATION	LEGEND	TYPE MARK	MANUFACTURER	CATALOG NUMBER	WATTS	MOUNTING	FINISH	LAMP TYPE	VOLTAGE	DESCRIPTION	LOCATIONS	REMARK
	0	ALY-007	COOPER- HALO COMMERCIAL	HC610D010-IEM7-HM6052 5840-61MDCIEM	9.9	RECESSED	SPECULAR CLEAR	LED	120 V	6" RECESSED DOWNLIGHT, 1223 DELIVERED LUMENS, 4000K, 80+CRI, WITH MINIMUM OF 90 MINUTES OF BATTERY BACKUP	SIDE ENTRANCE CANOPY	
		ALY-025	ACCLAIM LIGHTING	DDE-211-AAEN	125	SURFACE UPLIGHT	BLACK	LED	120 V	"DYNA DRUM SO" OUTDOOR FLOO DLIGHT, 6906 DELIVERED LUMENS, 4000K, 80 CRI	PORTE COCHERE	
		ALY-026/E	COOPER-MCGRAW EDISON	ISC-SA1-A-740-U-T2-GM-C BP-ULG	20.1	WALL	GRAPHITE METALLIC	LED	120 V	IMPACT ELITE LED WET LOCATION WALL PACK CYLINDRICAL UP/DOWN, 2802 DELIVERED LUMENS, 4000K 70 CRI, WITH MINIMUM OF 90 MINUTES OF BATTERY BACKUP	EXTERIOR	
	0	ALY-034	COOPER- HALO COMMERCIAL	HC620D010-HM60525840- 61MDC	20	RECESSED	SPECULAR CLEAR	LED	120 V	6" RECESSED EXTERIOR DOWNLIGHT , 4000K, 80 CRI, 2057 DELIVERED LUMENS	EXTERIOR	
	0	ALY-034/E	COOPER- HALO COMMERCIAL	HC620D010-IEM7-HM6052 5840-61MDCEM	20	RECESSED	SPECULAR CLEAR	LED	120 V	6" RECESSED EXTERIOR DOWNLIGHT , 4000K, 80 CRI, 2057 DELIVERED LUMENS, WITH MINIMUM OF 90 MINUTES OF BATTERY BACKUP	EXTERIOR	
	0	ALZ-008	COOPER-LUMARK	XTOR2B-W, XTORFLD-KNC	18	SURFACE	CARBON BRONZE	LED	120 V	CROSSTOUR LED FLOOD LIGHT KIT WITH KNUCKLE MOUNT, 1523 DELIVERED LUMENS, 3000K	EXTERIOR	
		ALZ-015	COOPER LIGHTING	PMM-SA4A-835-U-5WQ	125	GROUND	BRONZE	LED	120 V	DECORATIVE POST LIGHT, 3948 DELIVERED LUMENS, 3000K, 80+ CRI,	SITE AREA	
		ALZ-018	COOPER-LUMARK	PRV C40-D-UNV-T4-SA-DP	143	POLE	DARK PLATINUM	LED	120 V	EXTERIOR SITE HEAD TYPE IV2 REQUIRED PER POLE, 15157 DELIVERED LUMENS, 4000K, 70 CRI	SITE AREA	
	B	ALZ-018A	COOPER-LUMARK	PRV C40-D-UNV-T4-SA-DP	286	POLE	DARK PLATINUM	LED	120 V	EXTERIOR SITE HEAD TYPE IV2 REQUIRED PER POLE, 15157 DELIVERED LUMENS, 4000K, 70 CRI	SITE AREA	
j		ALZ-025	COOPER-LUMARK	303-B1-LED-B2-4000-UNV- T4-DIMELV-CS-36-EDGE	15.5	GROUND	SILVER	LED	120 V	EON BOLLARD LIGHTING FIXTURE DELIVERED LUMENS 1382, 4000K, 70 CRI	SITE AREA	

NOTE:

- 1. CONTRACTOR SHALL REFER FIXTURE SCHEDULE AND BRAND STANDARD FOR THE SELECTION OF LIGHTING FIXTURE MODEL NO AND MAKE. CONTRACTOR SHALL SUBMIT LIGHTING PACKAGE ALONG WITH LIGHTING CONTROL SCHEME AS PER CODE AND BRAND STANDARD TO CLIENT/ENGG. REVIEW BEFORE TO ORDER.
- 2. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR EXTERIOR FIXTURES.
- 3. CONTRACTOR SHALL CO-ORDINATE WITH OWNER/ARCH FOR DECORATIVE FIXTURES SELECTION.
- 4. ALL THE LIGHTING FIXTURES IN POOL AREA SHOULD CONTAINS VAPOUR PROOF LAMPS.
- 5. CONTRACTOR SHALL VERIFY THE FINAL COUNT OF LIGHT FIXTURES PRIOR BID/PURCHASE/INSTALLATION.THE FINAL COUNT IS THE RESPONSIBILITY OF THE GC AND PROCUREMENT GROUPS.



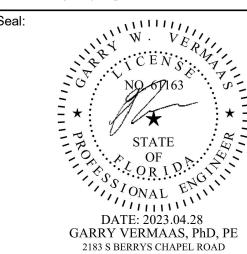
Architects | Engineers | Designers AA26003324 CA 29917

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PROJECT NO.

B4-281-2301

SHEET NAME

LIGHTING FIXTURE SCHEDULE-4

DRAWINGS NO.

LT-002D

MASTER LIGHTING CONTROL NOTES:

CONTROLS: LOCATE LIGHT CONTROLS IN SERVICE AREAS, AWAY FROM GUEST VIEW. EMPLOY DIMMING SYSTEM TO ALLOW FOR MULTIPLE LIGHT LEVELS THROUGHOUT THE DAY.

C402.4.1.2: INCREASED SKYLIGHT AREA WITH DAYLIGHTING CONTROLS THE SKYLIGHT AREA SHALL BE PERMITTED TO BE A MAXIMUM OF 5 PERCENT OF THE ROOF AREA PROVIDED AUTOMATIC DAYLIGHTING CONTROLS ARE INSTALLED IN DAYLIGHT ZONES UNDER SKYLIGHTS.

C402.4.2.1: LIGHTING CONTROLS IN DAYLIGHT ZONES UNDER SKYLIGHTS ALL LIGHTING IN THE DAYLIGHT ZONE SHALL BE CONTROLLED BY MULTILEVEL LIGHTING CONTROLS THAT COMPLY WITH HYPERLINK "HTTPS://UP.CODES/VIEWER/NEVADA/IECC-2012/CHAPTER/CE_4/CE-COMMERCIAL-ENERGY-EFFICIENCY"SECTION C405.2.2.3.3.

C405.2: LIGHTING CONTROLS (MANDATORY)

LIGHTING SYSTEMS SHALL BE PROVIDED WITH CONTROLS AS SPECIFIED IN SECTIONSC405.2.1,C405.2.2,C405.2.3AND C405.2.4.

C405.2.1.1 INTERIOR LIGHTING CONTROL SEACH AREA ENCLOSED BY WALLS OR FLOOR-TO-CEILING PARTITIONS SHALL HAVE AT LEAST ONE MANUAL CONTROL FOR THE LIGHTING SERVING THAT AREA. THE REQUIRED CONTROLS SHALL BE LOCATED WITHIN THE AREA SERVED BY THE CONTROLS OR BE A REMOTE SWITCH THAT IDENTIFIES THE LIGHTS SERVED AND INDICATES THEIR STATUS.

OF EGRESS.

AREAS DESIGNATED AS SECURITY OR EMERGENCY AREAS THAT NEED TO BE CONTINUOUSLY LIGHTED. LIGHTING IN STAIRWAYS OR CORRIDORS THAT ARE ELEMENTS OF THE MEANS OCCUPANCY SENSORS

C405.2.1.2: LIGHT REDUCTION CONTROLS

EACH AREA THAT IS REQUIRED TO HAVE A MANUAL CONTROL SHALL ALSO ALLOW THE OCCUPANT TO REDUCE THE CONNECTED LIGHTING LOAD IN A REASONABLY UNIFORM ILLUMINATION PATTERN BY AT LEAST 50 PERCENT. LIGHTING REDUCTION SHALL BE ACHIEVED BY ONE OF THE FOLLOWING OR OTHER APPROVED METHOD:

1. CONTROLLING ALL LAMPS OR LUMINAIRES;

- 2. DUAL SWITCHING OF ALTERNATE ROWS OF LUMINAIRES, ALTERNATE LUMINAIRES OR ALTERNATE LAMPS;
- 3. SWITCHING THE MIDDLE LAMP LUMINAIRES INDEPENDENTLY OF THE OUTER LAMPS OR SWITCHING EACH LUMINAIRE OR EACH LAMP.
- EXCEPTION: LIGHT REDUCTION CONTROLS NEED NOT BE PROVIDED IN THE FOLLOWING AREAS AND SPACES:
- 1. AREAS THAT HAVE ONLY ONE LUMINAIRE, WITH RATED POWER LESS THAN 100 WATTS.
- 2. AREAS THAT ARE CONTROLLED BY AN OCCUPANT-SENSING DEVICE.
- 3. CORRIDORS, EQUIPMENT ROOMS, STOREROOMS, RESTROOMS, PUBLIC LOBBIES, ELECTRICAL OR MECHANICAL ROOMS.
- 4. SLEEPING UNIT (SEE SECTION C405.2.3).
- 5. SPACES THAT USE LESS THAN 0.6 WATTS PER SQUARE FOOT (6.5
- 6. DAYLIGHT SPACES COMPLYING WITH SECTION C405.2.2.3.2.

AUTOMATIC TIME SWITCH CONTROL DEVICES

AUTOMATIC TIME SWITCH CONTROLS SHALL BE INSTALLED TO CONTROL LIGHTING IN ALL AREAS OF THE BUILDING. **EXCEPTIONS:**

- 1. EMERGENCY EGRESS LIGHTING DOES NOT NEED TO BE CONTROLLED BY AN AUTOMATIC TIME SWITCH.
- 2. LIGHTING IN SPACES CONTROLLED BY OCCUPANCY SENSORS DOES NOT NEED TO BE CONTROLLED BY AUTOMATIC TIME SWITCH CONTROLS.

THE AUTOMATIC TIME SWITCH CONTROL DEVICE SHALL INCLUDE AN OVERRIDE SWITCHING DEVICE THAT COMPLIES WITH THE FOLLOWING:

- 1. THE OVERRIDE SWITCH SHALL BE IN A READILY ACCESSIBLE
- 2. THE OVERRIDE SWITCH SHALL BE LOCATED WHERE THE LIGHTS CONTROLLED BY THE SWITCH ARE VISIBLE: OR THE SWITCH SHALL PROVIDE A MECHANISM WHICH ANNOUNCES THE AREA CONTROLLED
- 3. THE OVERRIDE SWITCH SHALL PERMIT MANUAL OPERATION;
- 4. THE OVERRIDE SWITCH, WHEN INITIATED, SHALL PERMIT THE CONTROLLED LIGHTING TO REMAIN ON FOR A MAXIMUM OF 2 HOURS

LOCATION;

OCCUPANCY SENSORS SHALL BE INSTALLED IN ALL CLASSROOMS, CONFERENCE/MEETING ROOMS, EMPLOYEE LUNCH AND BREAK ROOMS, PRIVATE OFFICES, RESTROOMS, STORAGE ROOMS AND JANITORIAL CLOSETS, AND OTHER SPACES 300 SQUARE FEET (28 M2) OR LESS ENCLOSED BY FLOOR-TO-CEILING HEIGHT PARTITIONS. THESE AUTOMATIC CONTROL DEVICES SHALL BE INSTALLED TO AUTOMATICALLY TURN OFF LIGHTS WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE AND SHALL EITHER BE MANUAL ON OR SHALL BE CONTROLLED TO AUTOMATICALLY TURN THE LIGHTING ON TO NOT MORE THAN 50 PERCENT POWER.

EXCEPTION: FULLY AUTOMATIC-ON CONTROLS SHALL BE PERMITTED TO CONTROL LIGHTING IN PUBLIC CORRIDORS, STAIRWAYS, RESTROOMS, PRIMARY BUILDING ENTRANCE AREAS AND LOBBIES, AND AREAS WHERE MANUAL-ON OPERATION WOULD ENDANGER THE SAFETY OR SECURITY OF THE ROOM OR BUILDING OCCUPANTS

EXTERIOR LIGHTING CONTROLS LIGHTING NOT DESIGNATED FOR DUSK-TO-DAWN OPERATION SHALL BE CONTROLLED BY EITHER A COMBINATION OF A PHOTOSENSOR AND A TIME SWITCH, OR AN ASTRONOMICAL TIME SWITCH. LIGHTING DESIGNATED FOR DUSK-TO-DAWN OPERATION SHALL BE CONTROLLED BY AN ASTRONOMICAL TIME SWITCH OR PHOTOSENSOR. ALL TIME SWITCHES SHALL BE CAPABLE OF RETAINING PROGRAMMING AND THE TIME SETTING DURING LOSS OF POWER FOR A PERIOD OF AT LEAST 10 HOURS.

EXTERIOR LIGHTING (MANDATORY)

WHERE THE POWER FOR EXTERIOR LIGHTING IS SUPPLIED THROUGH THE ENERGY SERVICE TO THE BUILDING, ALL EXTERIOR LIGHTING, OTHER THAN LOW-VOLTAGE LANDSCAPE LIGHTING.

EXTERIOR BUILDING GROUNDS LIGHTING

ALL EXTERIOR BUILDING GROUNDS LUMINAIRES THAT OPERATE AT GREATER THAN 100 WATTS SHALL CONTAIN LAMPS HAVING A MINIMUM EFFICACY OF 60 LUMENS PER WATT UNLESS THE LUMINAIRE IS CONTROLLED BY A MOTION SENSOR OR QUALIFIES FOR ONE OF THE EXCEPTIONS.

EXIT SIGNS (MANDATORY) INTERNALLY ILLUMINATED EXIT SIGNS SHALL NOT **EXCEED 5 WATTS PER SIDE.**

SPECIFIC APPLICATION CONTROLS:

THE ROOM.

SPECIFIC APPLICATION CONTROLS SPECIFIC APPLICATION CONTROLS SHALL BE PROVIDED FOR THE FOLLOWING:

- 1. DISPLAY AND ACCENT LIGHT SHALL BE CONTROLLED BY A DEDICATED CONTROL WHICH IS INDEPENDENT OF THE CONTROLS FOR OTHER LIGHTING WITHIN THE ROOM OR SPACE.
- 2. LIGHTING IN CASES USED FOR DISPLAY CASE PURPOSES SHALL BE CONTROLLED BY A DEDICATED CONTROL WHICH IS INDEPENDENT OF THE CONTROLS FOR OTHER LIGHTING WITHIN THE ROOM OR SPACE.
- 3. FLORIDA BUILDING CODE ENERGY CONSERVATION SECTION C405.2.4 APPLICABLE HERE.
- HOTEL AND MOTEL SLEEPING UNITS AND GUEST SUITES SHALL HAVE A MASTER CONTROL DEVICE THAT IS CAPABALE OF AUTOMATICALLY SWITCHING OFF ALL INSTALLED LUMINAIRES AND SWITCHED RECEPTACLES WITHIN 20 MINUTES AFTER ALL OCCUPANTS LEAVE
- 4. SUPPLEMENTAL TASK LIGHTING, INCLUDING PERMANENTLY INSTALLED UNDER-SHELF OR UNDER-CABINET LIGHTING, SHALL HAVE A CONTROL DEVICE INTEGRAL TO THE LUMINAIRES OR BE CONTROLLED BY A WALL-MOUNTED CONTROL DEVICE PROVIDED THE CONTROL DEVICE IS READILY ACCESSIBLE.

ELECTRICAL CONTRACTOR TO COORDINATE WITH CONTROLS MANUFACTURER FOR EXACT INSTALLATION AND WIRING DETAILS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONTROLS COMPATIBILITY WITH ALL COMPONENTS PURCHASED ON SITE. ANY SUBSTITUTIONS MADE NEED TO BE VERIFIED BY THE ELECTRICAL CONTRACTOR PRIOR TO PURCHASE TO BE COMPATIBLE WITH SYSTEM.

LIGHTING CODE COMPLIANCE F	IGHTING CODE COMPLIANCE REFERENCE										
EMERGENCY LIGHTING EGRESS ILLUMINATION	FBC SECTION 1008.3.5 (EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FOOTCANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOTCANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOTCANDLE (6 LUX) AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOTCANDLE (0.6 LUX) AT THE END OF THE EMERGENCY LIGHTING TIME DURATION.),(NFPA 101,NFPA 72,(SECTION7.9.2.1.)										
EXIT SIGN	FBC 2020 SECTION 1013 (EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100 FEET (30 480 MM) OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.),NFPA 101 LIFE SAFETY PLAN.										
FLOOR LEVEL EXIT SIGN	FBC 2020 SECTION 1013.2(WHERE EXIT SIGNS ARE REQUIRED IN GROUP R-1 OCCUPANCIES BY SECTION 1013.1, ADDITIONAL LOW-LEVEL EXIT SIGNS SHALL BE PROVIDED IN ALL AREAS SERVING GUEST ROOMS IN GROUP R-1 OCCUPANCIES AND SHALL COMPLY WITH SECTION 1013.5. THE BOTTOM OF THE SIGN SHALL BE NOT LESS THAN 10 INCHES (254 MM) NOR MORE THAN 12 INCHES (305 MM) ABOVE THE FLOOR LEVEL. THE SIGN SHALL BE FLUSH MOUNTED TO THE DOOR OR WALL. WHERE MOUNTED ON THE WALL, THE EDGE OF THE SIGN SHALL BE WITHIN 4 INCHES (102 MM) OF THE DOOR FRAME ON THE LATCH SIDE.),NFPA 101 SECTION 7.10.1.6										
EXTERIOR SITE LIGHT CONTROL	2020 FLORIDA BUILDING CODE, ENERGY CONSERVATION, 7TH EDITION SECTION C405.2.6										

ES: EMERGENCY LIGHTING ILLUMINATION CO	DE REFERENCE.

7.9.2 PERFORMANCE OF THE SYSTEM

7.9.2.1 EMERGENCY ILLUMINATION SHALL BE PROVIDED FOR A MINIMUM OF 1 1/2 HOURS IN THE EVENT FAILURE OF NORMAL

7.9.2.1.1. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FT-CANDLE (10.8 LUX) AND, AT ANY POINT, NOT LESS THAN 0.1 FT-CANDLE (1.1 LUX), MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL.

LEGENDS	MOUNTING HEIGHT	LIGHT CONTROL TYPE	LOCATION	CODE/BRAND COMPLIANCE REFERENCE
1			MECH ROOM	BRAND COMPLIANCE
← →			ELECTRICAL ROOM	BRAND COMPLIANCE
			MEETING ROOM STORAGE	BRAND COMPLIANCE
	CEILING MOUNTED SENSOR WITH WALL MOUNT OVERRIDE SWITCH AT 3'-10" AFF		WORK AREA	BRAND COMPLIANCE
\$		OCCUPANCY SENSOR WITH WALL OVERRIDE SWITCH	LAUNDRY	BRAND COMPLIANCE
			EMPLOYEE BREAKROOM	BRAND COMPLIANCE
			HOUSEKEEPING	BRAND COMPLIANCE
			UNISEX	BRAND COMPLIANCE
			POOL MECH.FIRE PUMP ROOM	BRAND COMPLIANCE
			WORK AREA	BRAND COMPLIANCE
			DRYER	BRAND COMPLIANCE
	WALL MOUNT SENSOR	OCCUPANCY SENSOR	PBX AND ELECTRICAL ROOM,	BRAND COMPLIANCE
<u> </u>	AT 7'-0" AFF	SOCI / WOT SERVEDIN	UNISEX RESTROOM	BRAND COMPLIANCE
			STORAGE	BRAND COMPLIANCE
			OFFICE, ICE DISPENSER	BRAND COMPLIANCE
			AREA MEN'S AND WOMEN'S RESTROOM	BRAND COMPLIANCE
			COMPUTER ROOM	BRAND COMPLIANCE
			LINEN STORAGE	BRAND COMPLIANCE
	WALL MOUNT SWITCH	KEYED SWITCH	FITNESS	BRAND COMPLIANCE
\ 	AT 3'-10" AFF	NETES SWITCH	GUEST LAUNDRY	BRAND COMPLIANCE
Sp	MOUNTING AT 3'-10" AFF	DIMMER SWITCH	MEETING ROOM	BRAND COMPLIANCE
			FOOD PREP	BRAND COMPLIANCE
5	MOUNTING AT 3'-10" AFF	SWITCH	IT CLOSET	BRAND COMPLIANCE
			PBX	BRAND COMPLIANCE
			LOBBY AREA	BRAND COMPLIANCE
			REGISTRATION DESK	BRAND COMPLIANCE
			LOUNGE	BRAND COMPLIANCE
	MOUNTING AT 4'-0" AFF	DIMMER PANEL	THE CORNER MARKET	BRAND COMPLIANCE
			BREAKFAST	BRAND COMPLIANCE
			BREAKFAST, BUFFET & COFFEE BAR	BRAND COMPLIANCE



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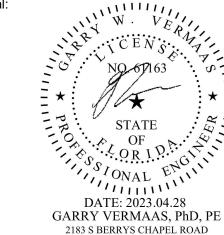
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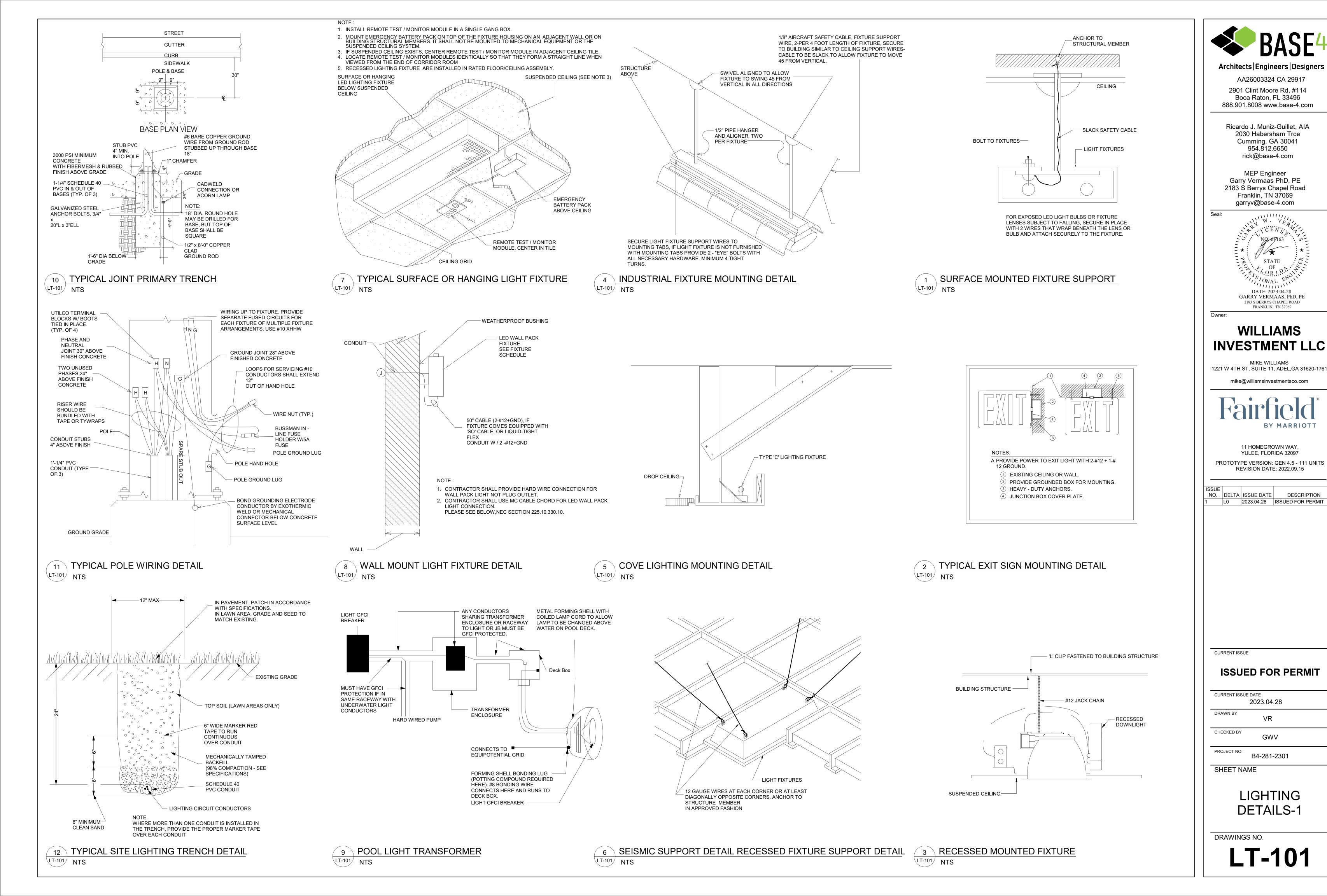
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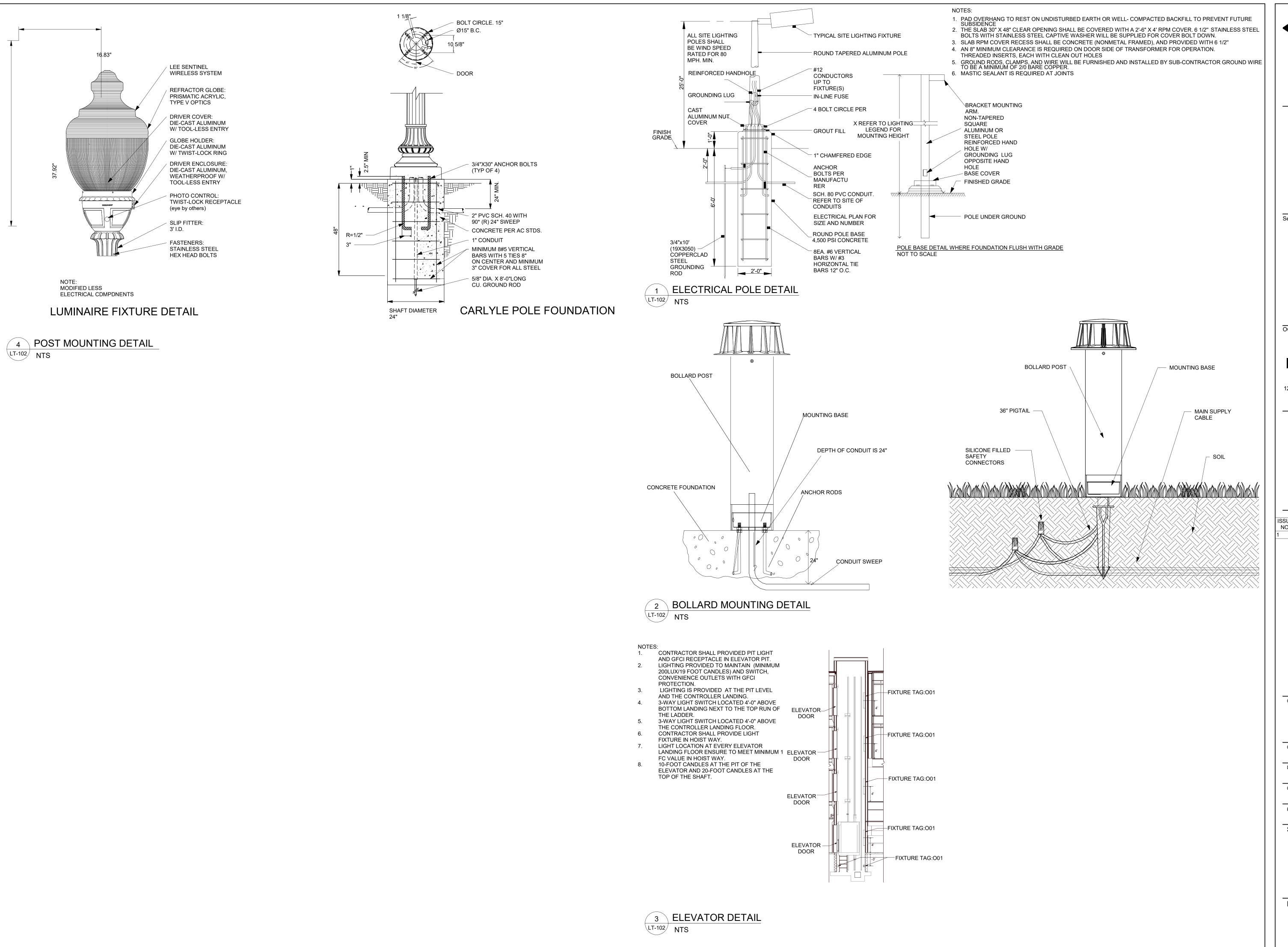
LIGHTING CONTROL

DRAWINGS NO.

SCHEDULE



DESCRIPTION



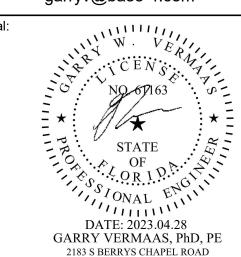
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SHEET NAME

LIGHTING **DETAILS-2**

DRAWINGS NO.

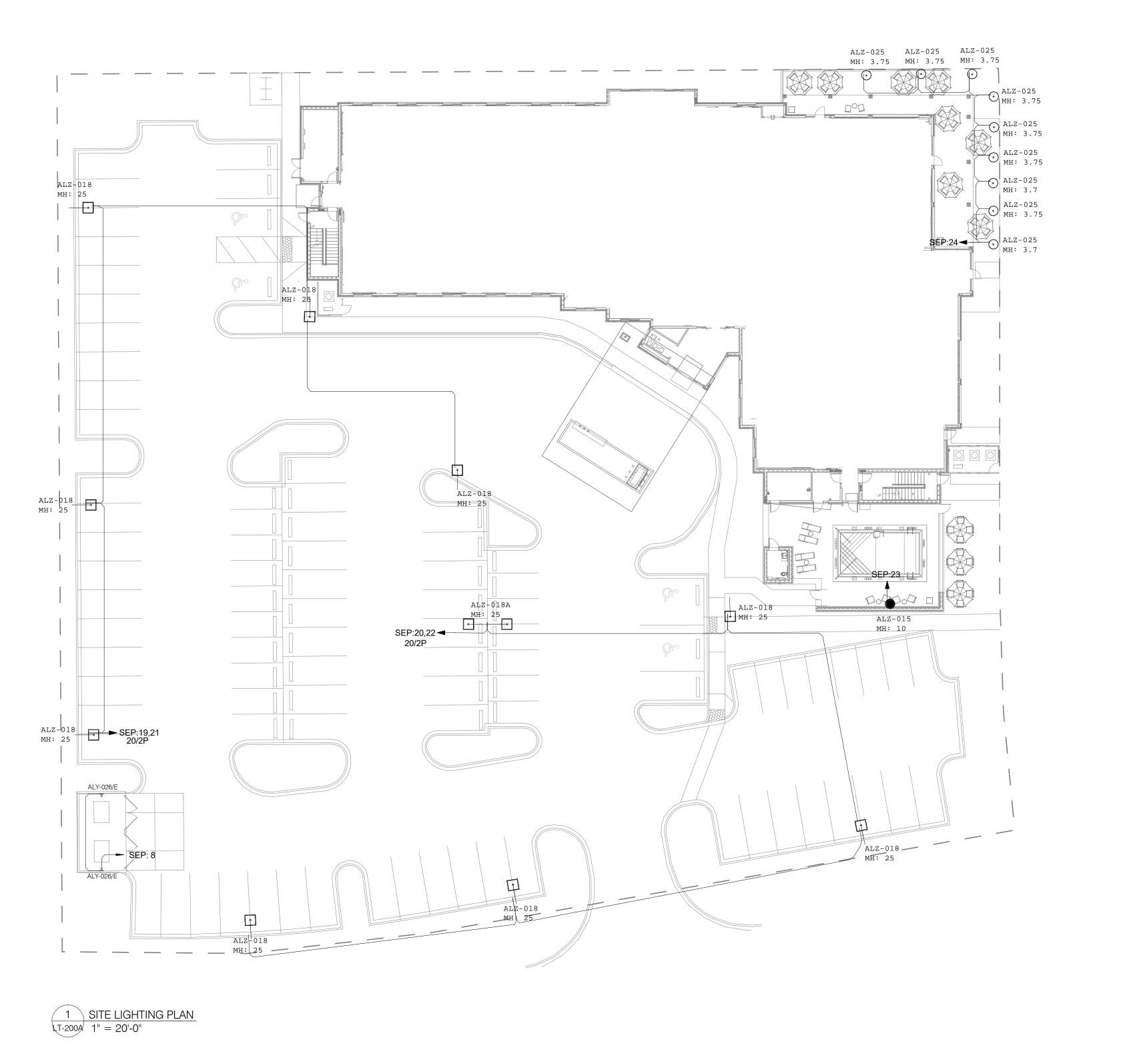
SITE LIGHTING GENERAL NOTES:

- SITE LIGHTING PROVIDED BY ELECTRICAL CONTRACTOR. CONTRACTOR SHALL CO-ORDINATE WITH OWNER/CIVIL ENGINEER FOR MORE DETAIL. BASE4 HAS PROPOSED SEP PANEL FOR SITE POWER, CONTRACTOR SHALL REFER SHEET E-200 FOR POWER REQUIREMENT.
- ALL WIRING IS TO BE #12 AWG AND #12 AWG GROUND MINIMUM THHN/THWN (90 DEG. C) IN 1" SCHEDULE 40 PVC (MINIMUM SIZE). TRENCH 30" DEEP. CLEAN BACKFILL USING SITE MATERIALS CAN BE USED. PROVIDE PREMIUM BACKFILL WHERE SITE MATERIALS ARE NOT ACCEPTABLE FOR USE.
- ALL CONDUIT ENTRIES TO THE BUILDING SHALL PITCH AWAY FROM BUILDING WALLS. SEAL PENETRATIONS WATERTIGHT WITH LINK-SEAL PIPE SEALS OR APPROVED EQUIVALENT.
- PROVIDE WARNING TAPE ABOVE ALL ELECTRICAL CIRCUITS. WARNING TAPE FOR SITE LIGHTING CIRCUITS TO BE 8" BELOW GRADE, 3" WIDE, RED WITH ELECTRICAL WARNING. CUT AND PATCH EXISTING PAVING FOR THE INSTALLATION OF NEW WIRING WHERE PAVING EXISTS.
- LIGHTING NOT DESIGNATED FOR DUST-TO-DAWN OPERATION SHALL BE CONTROLLED BT EITHER A COMBINATION OF A PHOTO SENSOR AND A TIME SWITCH, OR AN ASTRONOMICAL TIME SWITCH. LIGHTING DESIGNATED FOR DESK-TO-DAWN OPERATION SHALL BE CONTROLLED BY AN ASTRONOMICAL TIME SWITCH OR PHOTOSENSOR. ALL TIME SWITCHES SHALL RETAIN PROGRAMMING AND THE TIME SETTING DURING LOSS OF POWER FOR A PERIOD OF AT LEAST 10 HOURS.
- 6. LIGHTING DESIGNATED TO OPERATE MORE THAN 2000 HOURS PER YEAR. PARKING AREAS SHALL BE EQUIPPED WITH MOTION SENSORS THAT WILL REDUCE THE LUMINARIES POWER BY 33 PERCENT OR TURN OFF ONE THIRD THE LUMINARIES WHEN NO ACTIVITY IS DETECTED.
- LIGHTING DESIGNATED TO OPERATE MORE THAN 2000 HOURS PER YEAR. PARKING AREAS SHALL BE EQUIPPED WITH MOTION SENSORS THAT WILL REDUCE THE LUMINARIES POWER BY 33 PERCENT OR TURN OFF ONE THIRD THE LUMINARIES WHEN NO ACTIVITY IS DETECTED.
- CONTRACTOR TO MAKE SURE THAT LIGHT POLE IS 25 FEET AND IS MEETING BRAND STANDARDS AND LOCAL CODE REQUIREMENTS. CONTRACTOR TO NOTE THAT POLES CAN BE ROUND TAPERED ALUMINIUM OR PAINTED
- 9. CONTRACTOR TO REFER SHEET LT-201 FOR EXTERIOR WALL SCONCE AND OUTDOOR POOL LIGHTING.
- 10. ROUTE LIGHTING HOMERUN THROUGH PHOTO/TIME CONTROL CENTER. PROVIDE PHOTO/TIME CONTROL CENTER FOR EXTERIOR LIGHTS/SIGNAGE.
- 11. FOR SIGNAGE CONTRACTOR SHALL PROVIDE ACCESS FOR MOUNTING ELECTRICAL COMPONENTS AND MAKING FINAL ELECTRICAL CONNECTIONS. BASE4 HAS PROVIDED JBOX WITH ADEQUATE DEDICATED SEP PANEL CIRCUITRY, CONTRACTOR SHALL PULL CONNECTION AND BROUGHT TO SIGNAGE LOCATION.
- 12. SITE LIGHTING POLES LOCATED IN LANDSCAPED AREAS, ARE TO HAVE 8"-12" HIGH CONCRETE BASES. POLE BASES ARE TO BE SET IN LINE WITH PARKING STRIPING WHEN POLES ARE LOCATED CLOSE TO PARKING AREAS /SPACE/DRIVES SPECIFY/INDICATE 30" HIGH CONCRETE BASES TO PROTECT FROM CAR OVERHANG DAMAGE. PREFER PRECAST BASES. REFER DETAIL 310 ON SHEET LT-101.

200 V	OLI DIV	ANCH CIRCUITS	OI TO 20 AIVII O
RUN	DISTAN	CE IN FEET	WIRE SIZE AWG
1'	_	50'	#12
50'	-	100'	#10
100'	-	200'	#8

WIRES BASED ON LOAD AND LENGTH OF RUN AS

INDICATED IN SCHEDULE ABOVE.





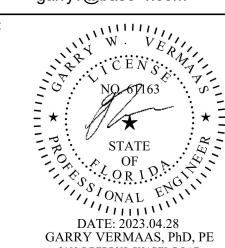
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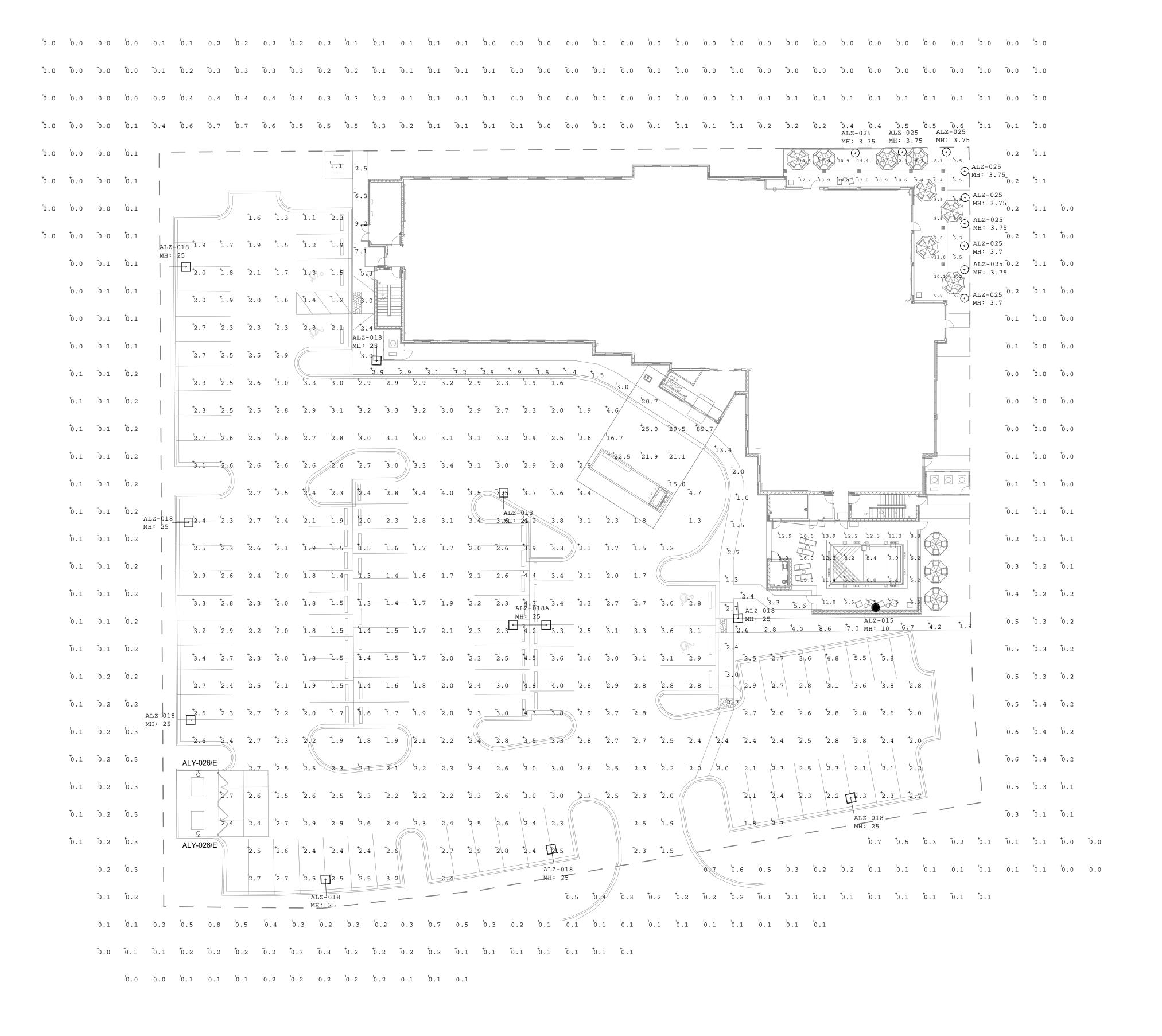
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SHEET NAME

SITE LIGHTING PLAN



1 SITE PHOTOMETRICS PLAN T-200B 1" = 20'-0"

Luminaire Sched	Luminaire Schedule													
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	Filename	Arm	Lum. Watts					
→	1	ALZ-018A	BACK-BACK	N.A.	0.900	PRV C40-D-UNV-T4-SA-DP	PRV C40-D-UNV-T4-SA-DP (POLE LGT)	2	286					
→	9	ALZ-018	SINGLE	N.A.	0.900	PRV C40-D-UNV-T4-SA-DP	PRV C40-D-UNV-T4-SA-DP (POLE LGT)	2	143					
<u>•</u>	9	ALZ-025	SINGLE	N.A.	0.900	303-B1-LED-B2-4000-UNV-T4-DIMELV-CS-36-EDGE	303-B1-LED-B2-4000-UNV-T4-DIMELV-CS-36-EDGE (BOLLARD LGT)	0	15.5					
	1	ALZ-015	SINGLE	N.A.	0.900	PMM-SA4A-835-U-5WQ	PMM-SA4A-835-U-5WQ.ies	0	125					

Calculation Summary	У						
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Outdoor Patio	Illuminance	Fc	9.46	14.9	5.0	1.89	2.98
Outdoor Pool	Illuminance	Fc	9.72	16.6	5.2	1.87	3.19
Parking	Illuminance	Fc	2.56	16.7	1.1	2.33	15.18
Porte Cochere	Illuminance	Fc	30.68	89.7	15.0	2.05	5.98
Property Line	Illuminance	Fc	0.15	0.8	0.0	N.A.	N.A.
Side Walk-1	Illuminance	Fc	3.36	9.2	1.1	3.05	8.36
Side Walk-2	Illuminance	Fc	3.90	13.4	1.0	3.90	13.40



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DATE: 2023.04.28 GARRY VERMAAS, PhD, PE 2183 S BERRYS CHAPEL ROAD FRANKLIN, TN 37069

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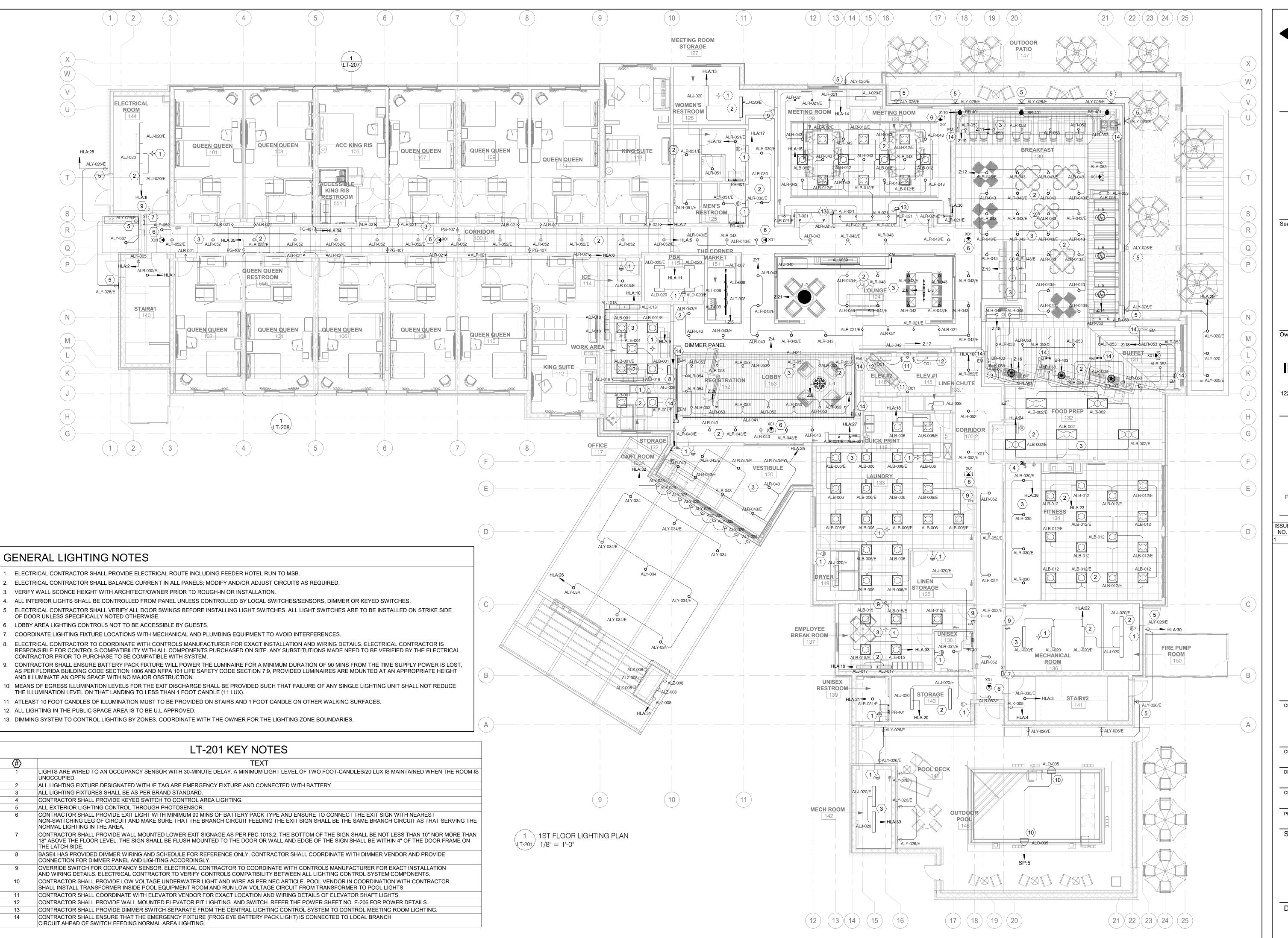
PROJECT NO. B4-281-2301

SHEET NAME

SITE PHOTOMETRICS PLAN

DRAWINGS NO.

LT-200B



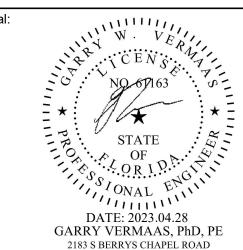


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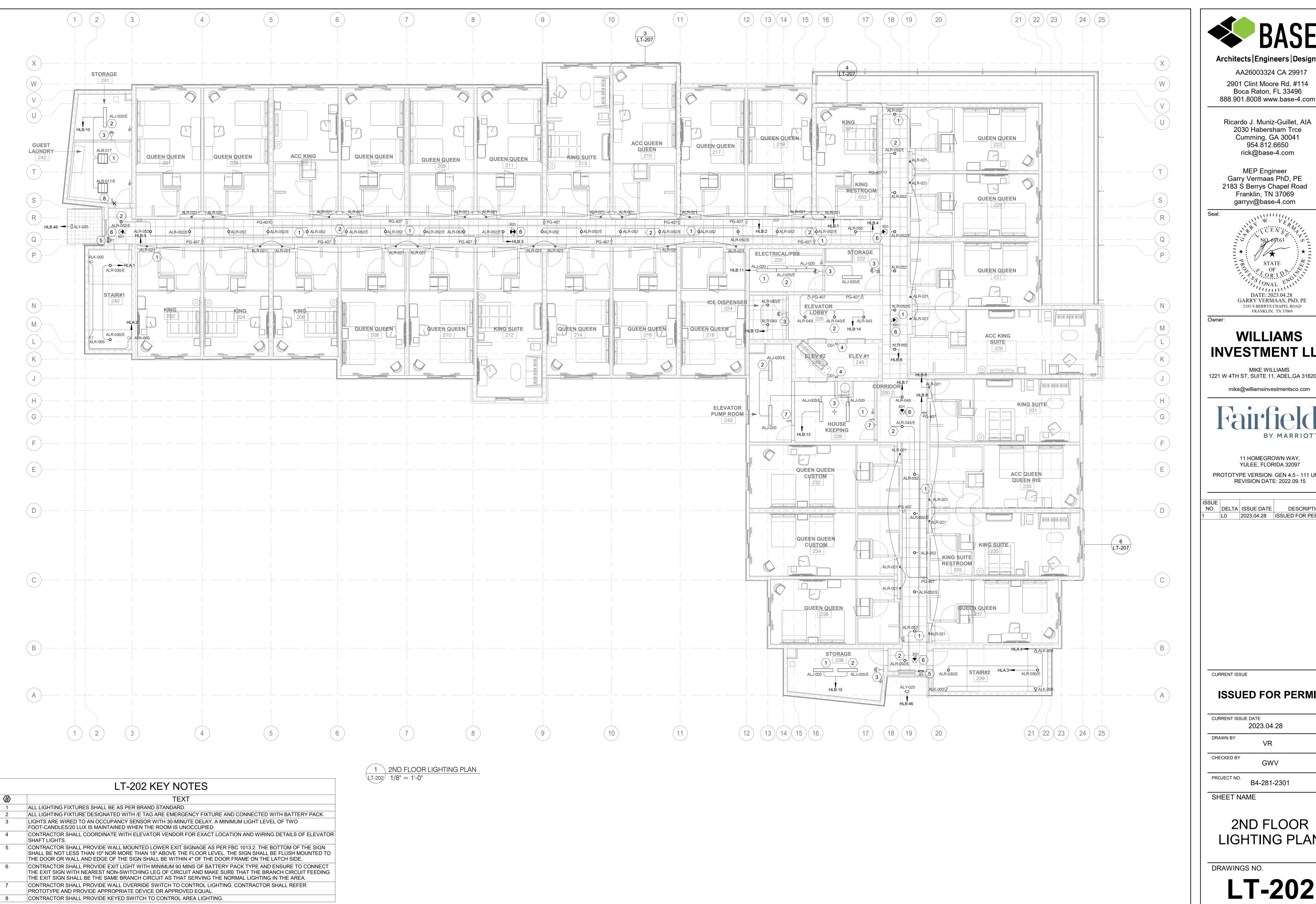
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SHEET NAME

1ST FLOOR LIGHTING PLAN

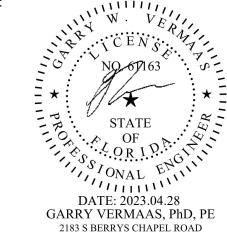


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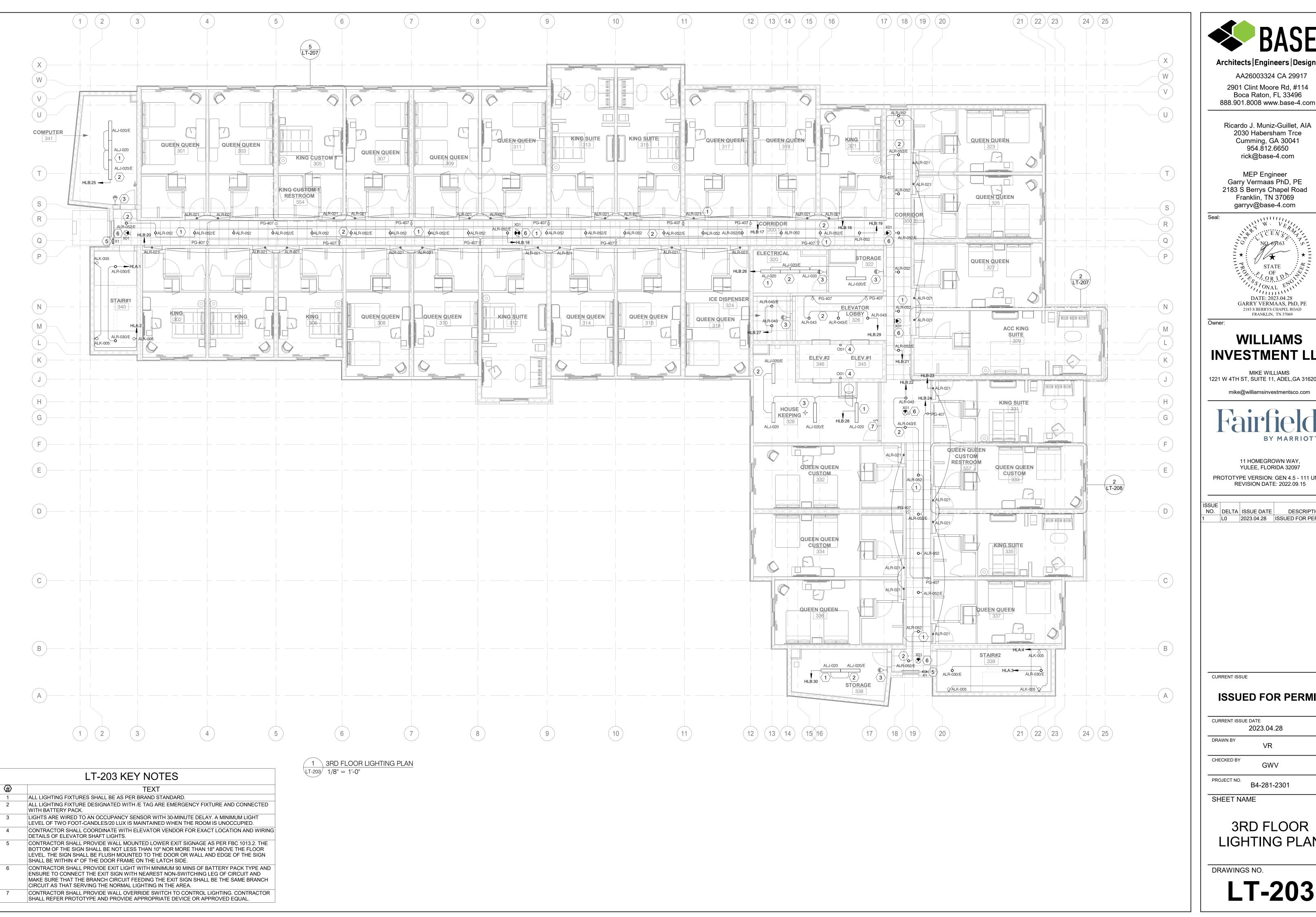
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SHEET NAME

2ND FLOOR LIGHTING PLAN

DRAWINGS NO.



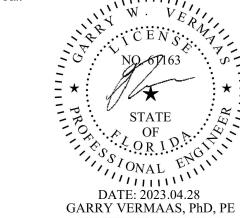


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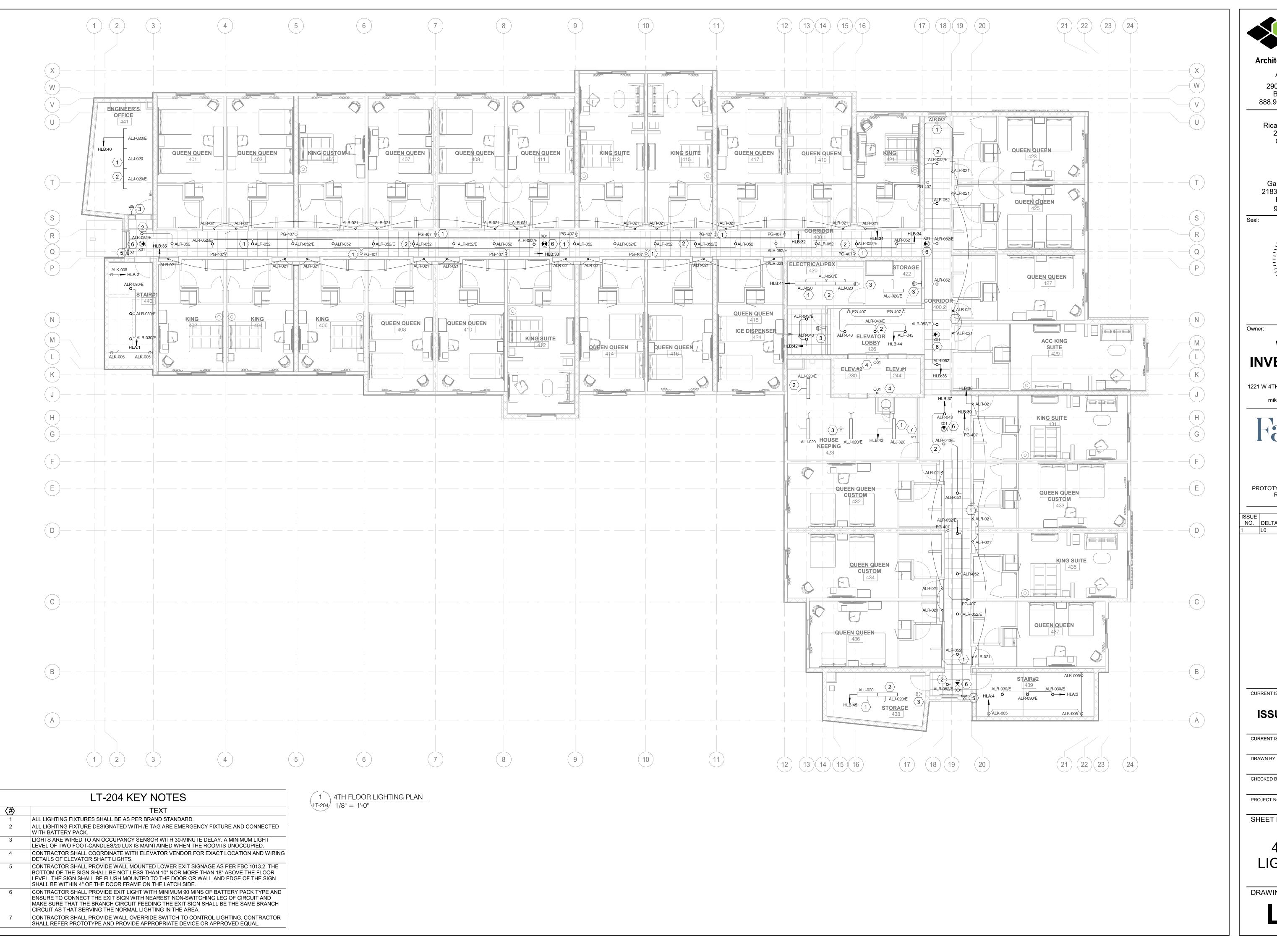
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SHEET NAME

3RD FLOOR LIGHTING PLAN

DRAWINGS NO.



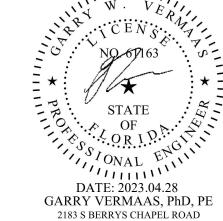


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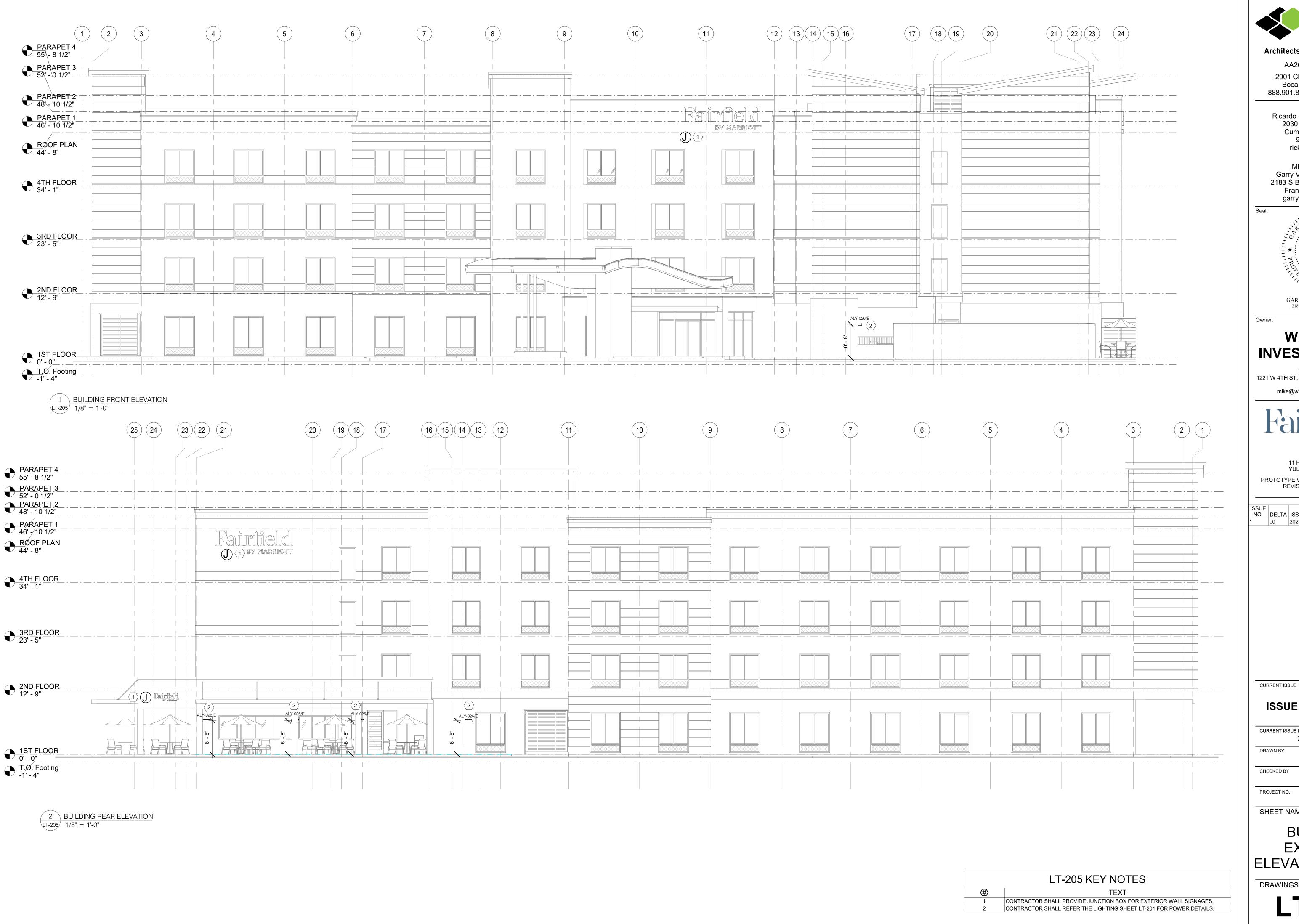
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PROJECT NO. B4-281-2301

SHEET NAME

4TH FLOOR LIGHTING PLAN

DRAWINGS NO.



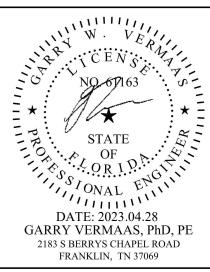


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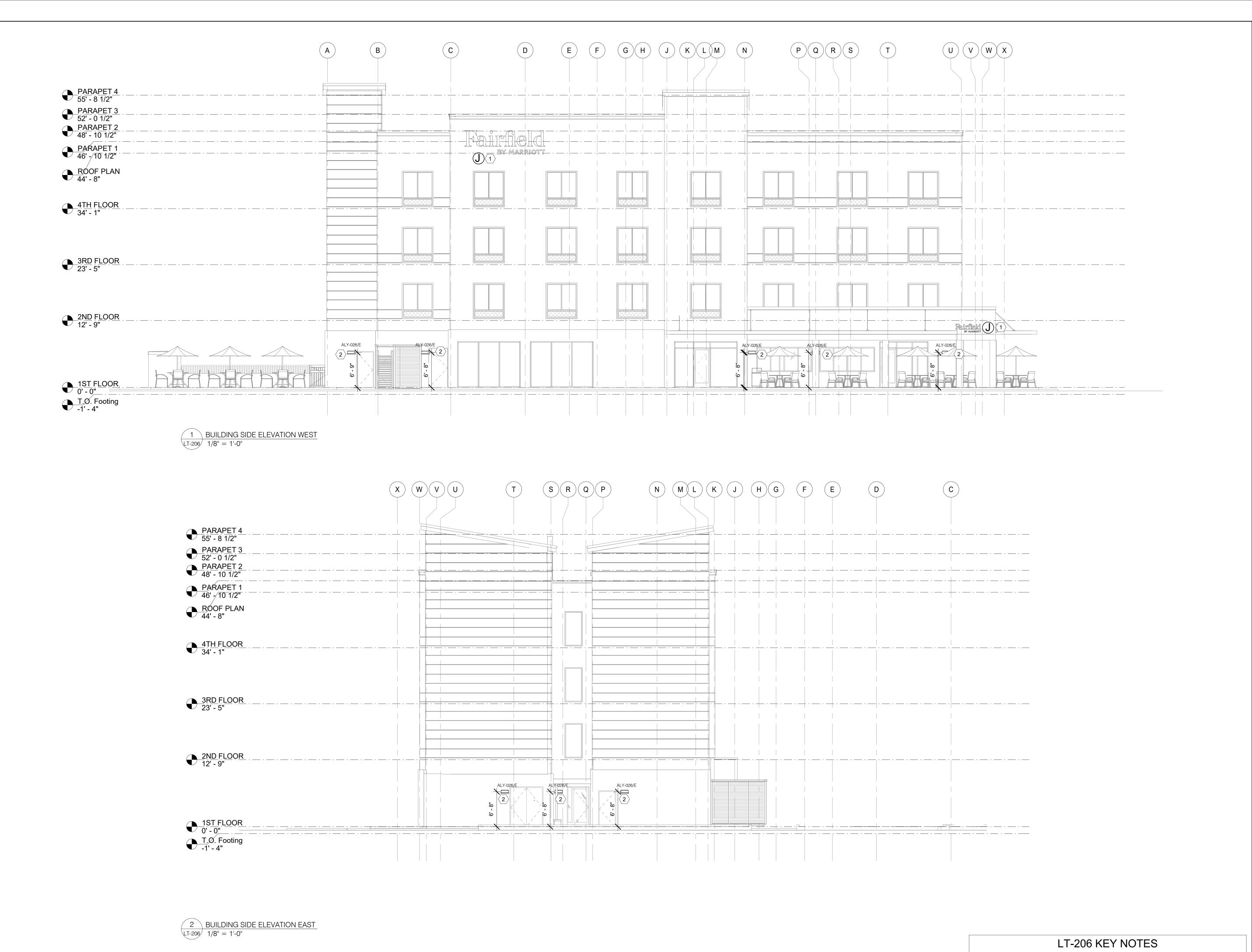
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B4-281-2301

SHEET NAME

BUILDING **EXTERIOR ELEVATION PLAN-1**

DRAWINGS NO.

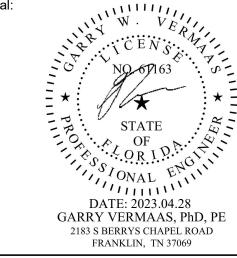


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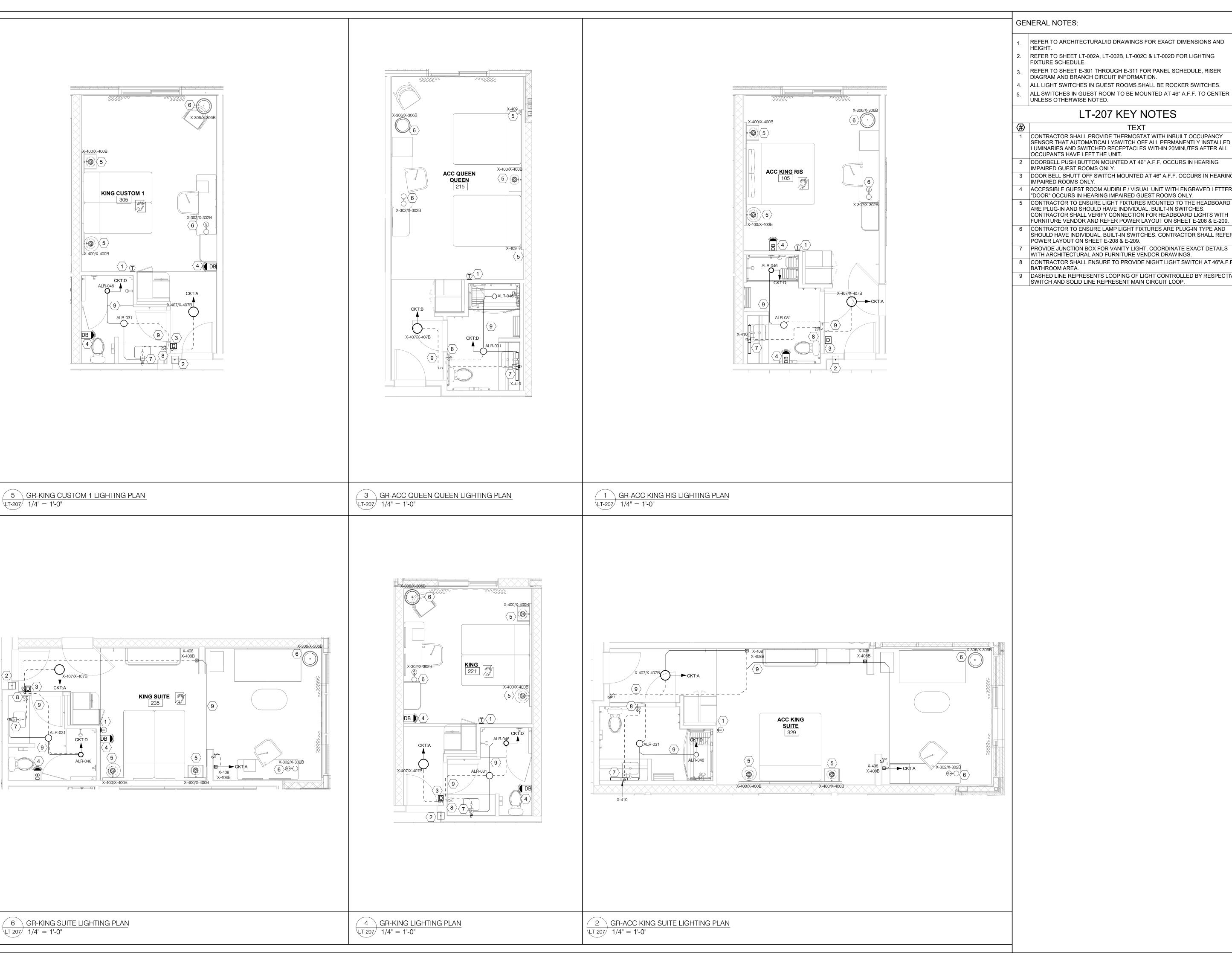
PROJECT NO. B4-281-2301

SHEET NAME

BUILDING **EXTERIOR ELEVATION PLAN-2**

DRAWINGS NO.

CONTRACTOR SHALL PROVIDE JUNCTION BOX FOR EXTERIOR WALL SIGNAGES. CONTRACTOR SHALL REFER THE LIGHTING SHEET LT-201 FOR POWER DETAILS.



- REFER TO ARCHITECTURAL/ID DRAWINGS FOR EXACT DIMENSIONS AND
- REFER TO SHEET LT-002A, LT-002B, LT-002C & LT-002D FOR LIGHTING
- REFER TO SHEET E-301 THROUGH E-311 FOR PANEL SCHEDULE, RISER
- DIAGRAM AND BRANCH CIRCUIT INFORMATION.
- ALL LIGHT SWITCHES IN GUEST ROOMS SHALL BE ROCKER SWITCHES. ALL SWITCHES IN GUEST ROOM TO BE MOUNTED AT 46" A.F.F. TO CENTER

LT-207 KEY NOTES

TEXT

CONTRACTOR SHALL PROVIDE THERMOSTAT WITH INBUILT OCCUPANCY SENSOR THAT AUTOMATICALLYSWITCH OFF ALL PERMANENTLY INSTALLED LUMINARIES AND SWITCHED RECEPTACLES WITHIN 20MINUTES AFTER ALL

- DOORBELL PUSH BUTTON MOUNTED AT 46" A.F.F. OCCURS IN HEARING IMPAIRED GUEST ROOMS ONLY.
- DOOR BELL SHUTT OFF SWITCH MOUNTED AT 46" A.F.F. OCCURS IN HEARING
- 4 ACCESSIBLE GUEST ROOM AUDIBLE / VISUAL UNIT WITH ENGRAVED LETTER
- "DOOR" OCCURS IN HEARING IMPAIRED GUEST ROOMS ONLY. CONTRACTOR TO ENSURE LIGHT FIXTURES MOUNTED TO THE HEADBOARD ARE PLUG-IN AND SHOULD HAVE INDIVIDUAL, BUILT-IN SWITCHES.
- 6 CONTRACTOR TO ENSURE LAMP LIGHT FIXTURES ARE PLUG-IN TYPE AND SHOULD HAVE INDIVIDUAL, BUILT-IN SWITCHES. CONTRACTOR SHALL REFER POWER LAYOUT ON SHEET E-208 & E-209.
- PROVIDE JUNCTION BOX FOR VANITY LIGHT. COORDINATE EXACT DETAILS WITH ARCHITECTURAL AND FURNITURE VENDOR DRAWINGS.
- 8 CONTRACTOR SHALL ENSURE TO PROVIDE NIGHT LIGHT SWITCH AT 46"A.F.F. IN
- 9 DASHED LINE REPRESENTS LOOPING OF LIGHT CONTROLLED BY RESPECTIVE SWITCH AND SOLID LINE REPRESENT MAIN CIRCUIT LOOP.



Architects | Engineers | Designers

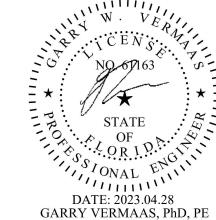
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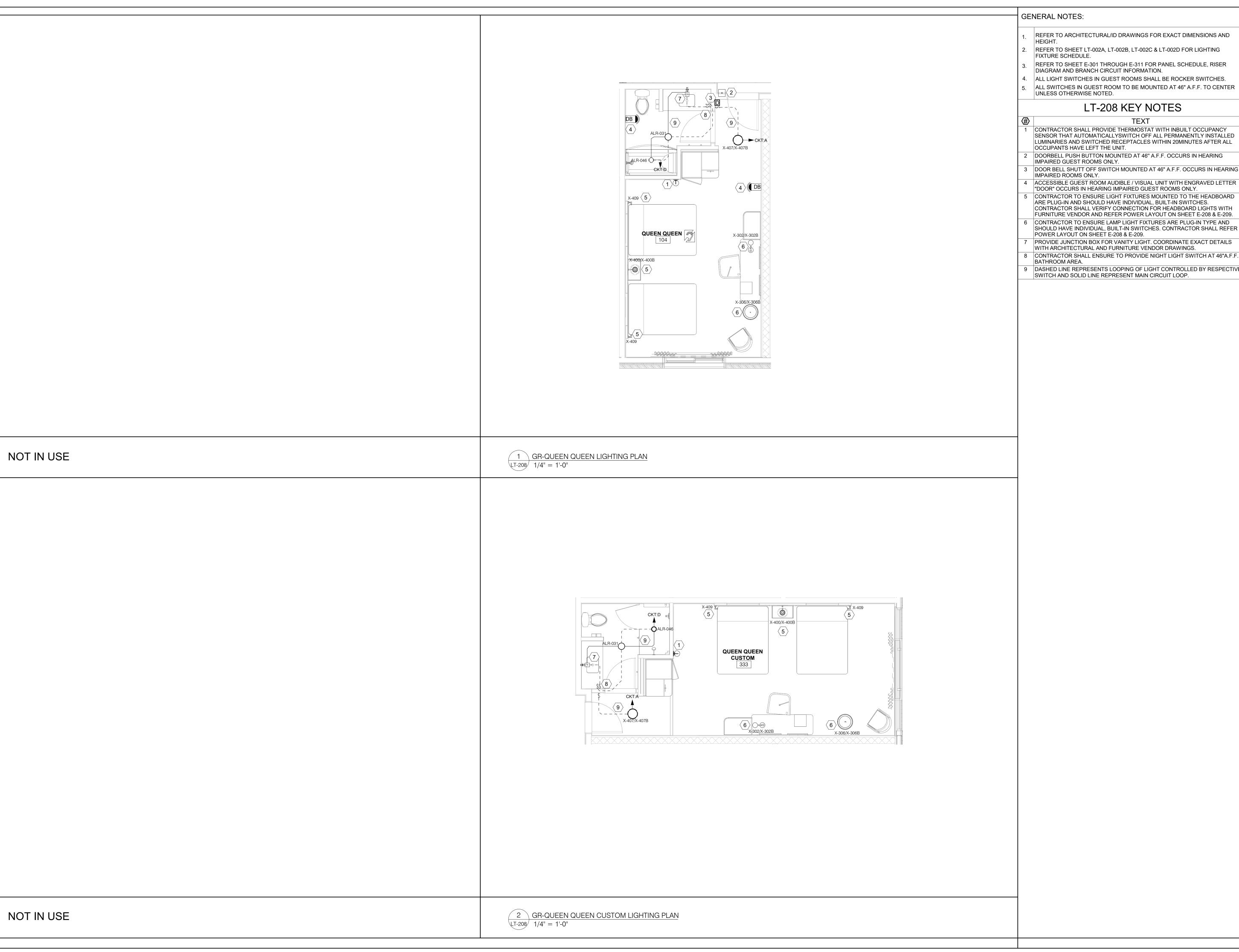
GWV PROJECT NO.

B4-281-2301

SHEET NAME

TYPICAL UNIT **LIGHTING PLAN-1**

DRAWINGS NO.



- REFER TO ARCHITECTURAL/ID DRAWINGS FOR EXACT DIMENSIONS AND

- ALL SWITCHES IN GUEST ROOM TO BE MOUNTED AT 46" A.F.F. TO CENTER
- 2 DOORBELL PUSH BUTTON MOUNTED AT 46" A.F.F. OCCURS IN HEARING
- 3 DOOR BELL SHUTT OFF SWITCH MOUNTED AT 46" A.F.F. OCCURS IN HEARING
- 5 CONTRACTOR TO ENSURE LIGHT FIXTURES MOUNTED TO THE HEADBOARD ARE PLUG-IN AND SHOULD HAVE INDIVIDUAL, BUILT-IN SWITCHES. CONTRACTOR SHALL VERIFY CONNECTION FOR HEADBOARD LIGHTS WITH
- CONTRACTOR TO ENSURE LAMP LIGHT FIXTURES ARE PLUG-IN TYPE AND SHOULD HAVE INDIVIDUAL, BUILT-IN SWITCHES. CONTRACTOR SHALL REFER
- 7 PROVIDE JUNCTION BOX FOR VANITY LIGHT. COORDINATE EXACT DETAILS
- 8 CONTRACTOR SHALL ENSURE TO PROVIDE NIGHT LIGHT SWITCH AT 46"A.F.F. IN
- 9 DASHED LINE REPRESENTS LOOPING OF LIGHT CONTROLLED BY RESPECTIVE



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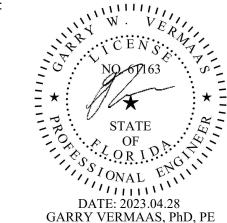
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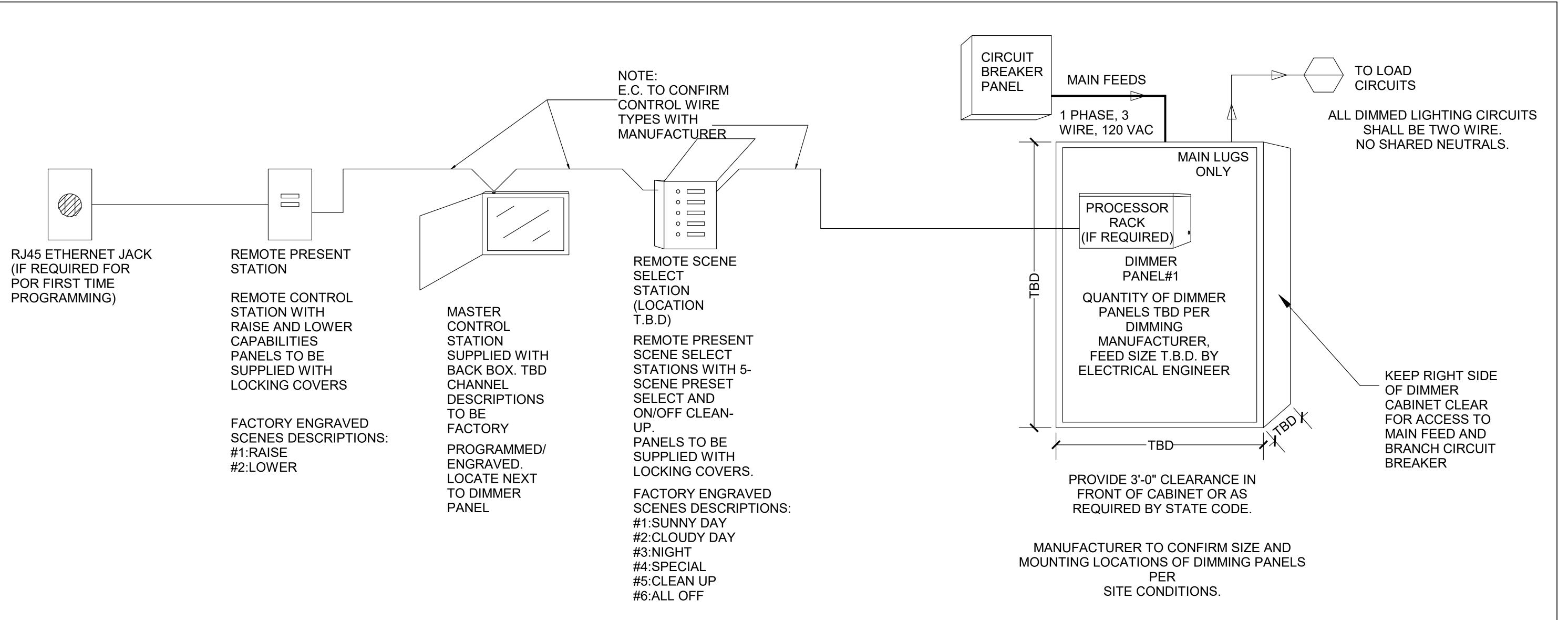
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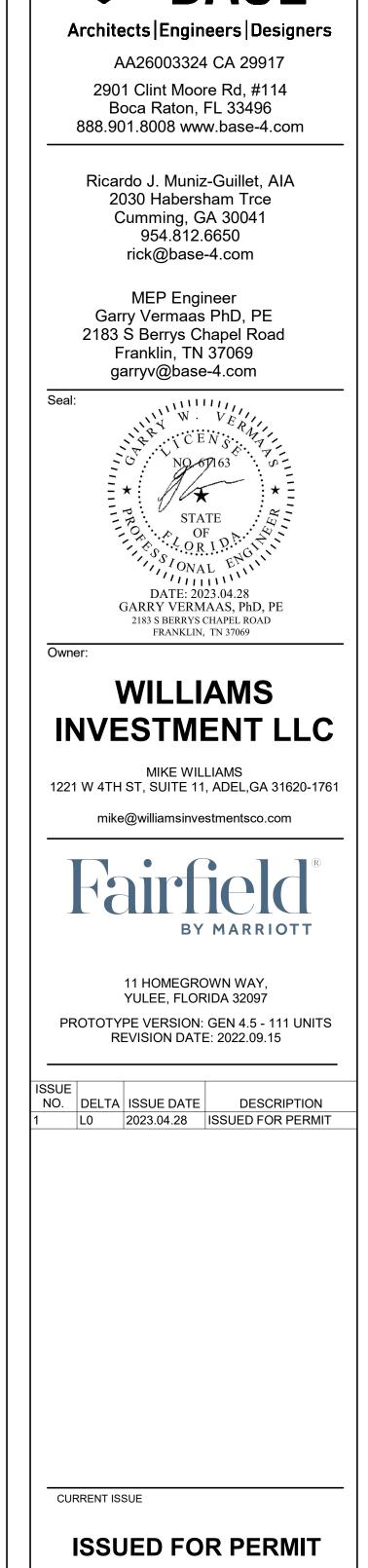
TYPICAL UNIT LIGHTING PLAN-2

DRAWINGS NO.



1 DIMMER RISER DIAGRAM 3/4" = 1'-0"

SERVICE: 1 PHASE,3 WIRE	DIMMING PANEL-"Z"				MAIN BUS (A) NEUTRAL (%)	40 100%	
VOLTAGE: 120/208 V							
MOUNTING:WALL MOUNTED					MAINS (A)	MLO	
TYPE:LOAD CENTRE					AIC (KA)	10	
AREA-ZONE DESCRIPTION	CKT NO.	TRIP POLE	WIRE	CONDUIT	LOAD	EMERGENCY CIRCUITS	FIXTURE TYPE
LOBBY AREA LTG	1	15/1P	12	3/4"	100	N/A	LED
LOBBY & REGISTRATION AREA LTG	2	15/1P	12	3/4"	115	N/A	LED
REGISTRATION AREA LTG	3	15/1P	12	3/4"	50	N/A	LED
REGISTRATION AREA LTG	4	15/1P	12	3/4"	480	N/A	LED
THE CORNER MARKET AREA LTG	5	15/1P	12	3/4"	200	N/A	LED
LOUNGE AREA LTG	6	15/1P	12	3/4"	40	N/A	LED
LOBBY AREA LTG	7	15/1P	12	3/4"	327	N/A	LED
LOUNGE AREA LTG	8	15/1P	12	3/4"	40	N/A	LED
LOBBY AREA LTG	9	15/1P	12	3/4"	50	N/A	LED
BREAKFAST AREA LTG	10	15/1P	12	3/4"	180	N/A	LED
BREAKFAST AREA LTG	11	15/1P	12	3/4"	64	N/A	LED
BREAKFAST AREA LTG	12	15/1P	12	3/4"	341	N/A	LED
BREAKFAST AREA LTG	13	15/1P	12	3/4"	33	N/A	LED
BREAKFAST AREA LTG	14	15/1P	12	3/4"	100	N/A	LED
BREAKFAST AREA LTG	15	15/1P	12	3/4"	100	N/A	LED
BREAKFAST AREA LTG	16	15/1P	12	3/4"	30	N/A	LED
ELEVATOR AREA COVE LIGHT	17	15/1P	12	3/4"	160	N/A	LED
BREAKFAST AREA LTG	18	15/1P	12	3/4"	120	N/A	LED
BREAKFAST AREA LTG	19	15/1P	12	3/4"	60	N/A	LED
LOBBY & REGISTRATION AREA LTG	20	15/1P	12	3/4"	100	N/A	LED
LOUNGE AREA LTG	21	15/1P	12	3/4"	20	N/A	LED
SPACE	22						
SPACE	23						
SPACE	24						
TOTAL LOAD					2710		
TOTAL LOAD IN AMPERE				NOTE: THIS DIMMER SCHEDULE AND RISER DAIGRAM IS FOR GENERAL REFERENCE. CONTRACTOR SHALL			
TAKING 10% SPARE CAPACITY IN AMP				COORDINATE WITH DIMMER VENDOR FOR FINAL DIMMER SYSTEM DRAWING AND SPECIFICATION.			



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SHEET NAME

DIMMER RISER DIAGRAM

DRAWINGS NO.