








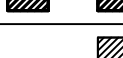























ELECTRICAL SPECIFICATIONS	
<p>PROVIDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, COORDINATION, ADDITIONAL DESIGN, AND ALL INCIDENTALS NECESSARY TO PROVIDE COMPLETE AND OPERABLE ELECTRICAL SYSTEMS AS DETAILED ON PLANS, AND DESCRIBED HEREIN, TO THE SATISFACTION OF THE ENGINEER AND THE OWNER. ALL WORK SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL CONTRACTOR LICENSED IN VIRGINIA, WHO HAS PREVIOUSLY PERFORMED WORK OF THIS SIZE AND TYPE.</p> <p>THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:</p> <ol style="list-style-type: none"><li>1. INTERNATIONAL BUILDING CODE (IBC) - LATEST ADOPTED ISSUE</li><li>2. NATIONAL ELECTRICAL CODE (NFPA 70) - LATEST ADOPTED ISSUE</li><li>3. IECC / ASHRAE 90.1 - LATEST ADOPTED ISSUE WHICH APPLIES</li><li>4. REGULATIONS SET FORTH BY THE LOCAL AUTHORITY HAVING JURISDICTION</li></ol> <p>DRAWINGS: DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ONLY INDICATE THE GENERAL ARRANGEMENT OF EQUIPMENT AND SYSTEMS. CONTRACTOR SHALL REFER TO THE DRAWINGS OF OTHER TRADES FOR COORDINATION OF WORK, SUCH AS ROUTING OF MECHANICAL SYSTEMS, AND QUANTITIES AND LOCATIONS OF MECHANICAL EQUIPMENT CONNECTIONS. WHERE PROVIDED, ARCHITECTURAL DRAWINGS ARE TO SCALE AND SHALL BE FOLLOWED CLOSELY IN ORDER TO OBTAIN ACTUAL BUILDING DIMENSIONS RATHER THAN SCALING DISTANCES FROM THE ELECTRICAL DRAWINGS.</p> <p>MATERIALS: MATERIALS SHALL BE NEW AND UNUSED, FREE FROM DEFECTS, AND LISTED ACCORDINGLY BY UL, ASTM, ANSI, ETL, NEMA, OR OTHERWISE AS BY SYSTEM TYPE AND APPLICABLE STANDARDS. QUALITY OF MATERIALS UTILIZED SHALL BE ESTABLISHED BY THE DRAWINGS AND SPECIFICATIONS, AND RECOGNIZED IN THEIR RESPECTIVE INDUSTRY AS SPECIFICATION OR COMMERCIAL GRADE.</p> <p>SHOP DRAWINGS: WHERE THE CONTRACTOR PROPOSES USE OF ALTERNATE EQUIPMENT, LIGHT FIXTURES, DEVICES OR MAJOR MATERIALS, A FULL SHOP DRAWING INCLUDING SUPPLIER DETAILS AND PRODUCT INFORMATION, WITH SPECIFIC QUANTITIES, OPTIONS AND ACCESSORIES IDENTIFIED FOR THE SAME, SHALL BE SUBMITTED FOR ENGINEER APPROVAL. IF MORE THAN THREE (3) ENGINEER REVIEWS ARE REQUIRED FOR ANY ONE SECTION OF ITEMS, ADDITIONAL REVIEWS SHALL BE AT THE EXPENSE OF THE CONTRACTOR. ENGINEER APPROVAL OF ANY PROPOSED EQUIPMENT, LIGHT FIXTURES, DEVICES AND MAJOR MATERIALS SHALL BE OBTAINED BEFORE THESE ARE ORDERED, FABRICATED OR INSTALLED.</p> <p>WARRANTY: ALL WORK SHALL BE WARRANTED TO BE FREE FROM DEFECTS IN QUALITY AND INSTALLED WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. REPLACEMENT OR REPAIR OF ANY DEFECTIVE MATERIALS, EQUIPMENT AND SYSTEMS DURING THE ONE YEAR PERIOD SHALL BE AT THE EXPENSE OF THE CONTRACTOR, TO THE SATISFACTION OF THE OWNER. COMPLETE OWNERS MANUALS AND AS-BUILTS FOR ALL SYSTEMS SHALL BE PROVIDED TO THE OWNER AFTER ACCEPTANCE OF THE WORK AND TRAINING ON THE SYSTEMS IS COMPLETE.</p> <p>PERMITS AND FEES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS, AND PAYING THE RELATED FEES, WHICH ARE NECESSARY TO COMPLETING THE WORK.</p> <p>TESTING AND TRAINING: THE CONTRACTOR SHALL ENSURE ALL EQUIPMENT AND SYSTEMS ARE PROPERLY TESTED TO CONFIRM SAFE AND EFFECTIVE OPERATION. THE OWNER SHALL RESERVE THE RIGHT TO OBSERVE THE TESTING OF ANY ELECTRICAL ITEMS OR SYSTEMS, AND SHALL RECEIVE SUFFICIENT TRAINING AS APPROPRIATE FOR EACH.</p> <p>LABELING AND IDENTIFICATION: ALL PANELBOARD DIRECTORY CARDS SHALL BE UPDATED ACCORDINGLY. STENCIL CIRCUIT NUMBERS ON ALL CONDUITS AT JUNCTION BOXES.</p> <p>THE OPERATING CHARACTERISTICS OF THE BUILDING ELECTRICAL SYSTEM IS 120/208VOLTS, 3PHASE, 4WIRE, 60HZ.</p> <p>ENSURE THE NON-CURRENT CARRYING METALLIC PORTIONS OF ELECTRICAL EQUIPMENT, CABINETS, RACEWAYS, BOXES, AND DEVICES ARE PROPERLY GROUNDED IN ACCORDANCE WITH THE NEC.</p>	<p>RACEWAYS: ALL ELECTRICAL WIRING SHALL BE IN CONDUIT, MINIMUM SIZE 3/4", WITH TYPE AS REQUIRED BY THE ENVIRONMENT AND PER THE NEC. FINAL CONNECTIONS TO LIGHT FIXTURES AND EQUIPMENT SUBJECT TO MOVEMENT SHALL BE FLEXIBLE METAL CONDUIT (LIQUIDTIGHT WHERE EXPOSED TO MOISTURE). ALL EXTERIOR CONDUITS ABOVE GRADE SHALL BE GRS. CONDUIT CONNECTORS SHALL BE DOUBLE LOCKNUT TYPE, UL LISTED AND LABELED, WITH COMPRESSION OR SET SCREW FITTINGS. CONCEALED CONDUIT IN WALL PARTITIONS SHALL BE EMT. RACEWAYS INSTALLED FOR OTHER TRADES, OR DESIGNATED FOR FUTURE USE, SHALL HAVE NYLON PULL STRINGS INSTALLED. PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION SHALL BE SEALED BY UL-APPROVED METHODS USING FIRE-RATED ASSEMBLIES AND UL-LISTED SEALING MATERIALS.</p> <p>CONDUCTORS: ALL WIRING SHALL BE COPPER, UNLESS INDICATED OTHERWISE OR SPECIFICALLY PERMITTED IN WRITING BY THE ENGINEER. CONDUCTORS SHALL BE TYPE THWN, OR THHN, INSULATED FOR 600V, AND BE MINIMUM SIZE #12 AWG. CONDUCTOR SIZES #12 AND #10 SHALL BE SOLID, AND SIZE #8 OR LARGER SHALL BE STRANDED. UNDERGROUND WIRING SHALL BE XHHW TYPE. FOR 20 AMP CIRCUITS THE FOLLOWING CONDUCTOR SIZES SHALL BE USED TO LIMIT VOLTAGE DROP FOR THE INDICATED LENGTHS OF CIRCUITS: #12 - 0 TO 100'; #10 - 101' TO 250'; #8 - 251' TO 500'; #6 - 501' AND ABOVE. THE COLOR CODING OF PHASE WIRING SHALL BE AS FOLLOWS FOR 120/208V CIRCUITS: PHASE A - BLACK PHASE B - RED PHASE C - BLUE</p> <p>BOXES: BOXES SHALL BE SIZED PER NEC AND LISTED FOR THEIR INTENDED USE. BOXES SHALL BE ONE-PIECE CONSTRUCTION, WITH KNOCKOUTS AS REQUIRED, WITH INSTALLED PLATE TO MATCH THE SURROUNDING FINISH COLOR AND TYPE. EXTERIOR BOXES SHALL BE RATED FOR THE ENVIRONMENT ENCOUNTERED.</p> <p>SINGLE-POLE SWITCHES - LEVITON NO. 1221-2-W, WHITE WITH WHITE PLASTIC COVER PLATE* THREE-WAY / FOUR-WAY SWITCHES - LEVITON NO. 1223-2-W / 1224-2-W, WHITE WITH WHITE PLASTIC COVER PLATE*</p> <p>LED DIMMING SWITCHES - LUTRON NO. NTF-103P-W, WHITE WITH WHITE PLASTIC COVER PLATE*, SINGLE-POLE OR 3-WAY APPLICATIONS, PRESET LEVEL, 8 AMP CONTROL. CONFIRM COMPATIBILITY OF DIMMER SWITCH PROVIDED WITH EXACT FIXTURE TYPE APPROVED BY THE ENGINEER PRIOR TO ORDERING.</p> <p>RECEPTACLES - DUPLEX NEMA 5-20R LEVITON NO. 8R20-W, WHITE WITH MATCHING COVER PLATE. ALL BUILDING EXTERIOR RECEPTACLES SHALL BE PROVIDED WITH LOCKABLE COVERS (PASS &amp; SEYMOUR NO. 4600 SERIES), EXCEPT ROOF WHICH SHALL HAVE WHILE-IN-USE COVERS.</p> <p>*CONFIRM DEVICE AND COVER PLATE COLORS WITH OWNER PRIOR TO ORDERING AND STARTING THE WORK. ALL CEILING DEVICES SHOULD BE WHITE WITH WHITE COVER PLATE, UNLESS OTHERWISE NOTED.</p> <p>EXTERIOR LIGHT FIXTURES SHALL BE PROVIDED AS SCHEDULED AND INDICATED ON THE DRAWINGS, WITH CONTROLS ARRANGED AND PROGRAMMED TO THE SATISFACTION OF THE OWNER. POLE BASE FOUNDATIONS SHALL BY DESIGNED BY THE PRODUCT MANUFACTURER TO MEET THE UNIQUE SITE CONDITIONS, AND SUBMITTED FOR ACCEPTANCE BY THE ENGINEER. AIMING OF FIXTURES AND ADDITIONAL SHIELDING SHALL BE PROVIDED AT NO ADDITIONAL COST IF REQUIRED TO SATISFY THE LAHJ AT THE COMPLETION OF THE WORK. IF THE CONTRACTOR PROPOSES LIGHT FIXTURES OTHER THAN AS SPECIFIED, THEN A POINT-BY-POINT FOOT-CANDLE PHOTOMETRIC PLAN SHALL BE SUBMITTED FOR ACCEPTANCE BY THE ENGINEER.</p>

CALCULATED LIGHTING LOAD CHANGES			
PANEL	# - LOAD DESCRIPTION	LOAD REMOVED (KVA)	LOAD ADDED (KVA)
PANEL-B 120/208V 3-PHASE 200A	1 - POLE LTS	0.50	0.98
	2 - EXTERIOR LTS (BLDG. PERIMETER & ENTRY)	1.70	0.73
	3 - CANOPY DRIVE LTS	0.48	0.19
TOTAL LOAD DECREASE = 0.70 KVA			

LUMINAIRE SCHEDULE											
**SEE FIXTURE CLARIFICATION NOTE #9											
(NP) = NEW POLE (CBO) CONTROLLED BY OTHERS											
SYMBOL	QTY	LABEL	FIXTURE ARRANGEMENT	TOTAL FIXTURE COUNT	NEW POLE COUNT	FIXTURE TYPE / MOUNTING / MANUFACTURER	WATTAGE PER FIXTURE	BUG RATING	MOUNTING HEIGHT	MOUNTING ACCESSORIES	NOTES
	1	BO1	SINGLE	1	-	(BO) CPY250-A-DM-F-20W-UL-WH-40K / CANOPY MOUNT / CREE	20W	B1-U0-G1	MATCH EXISTING	XA-BXCC9001	REPLACE EXISTING FIXTURE
	1	BO2	SINGLE	1	-	(BO) CPY250-A-DM-F-20W-UL-WH-40K / CANOPY MOUNT / CREE	20W	B1-U0-G1	9'-3" AFG	XA-BXCC9001	REPLACE EXISTING FIXTURE
	4	EK1	SINGLE	4	-	(EK) ZR22C-40L-40K-10V-FD (LED 2x2) / CANOPY MOUNT / CREE	31W	B2-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	2	EK2	SINGLE	2	-	(EK) ZR22C-40L-40K-10V-FD (LED 2x2) / CANOPY MOUNT / CREE	31W	B2-U0-G1	10'-6" AFG	-	ADD NEW FIXTURE, MATCH CANOPY HEIGHT
	1	GY1	SINGLE	1	-	(GY) OSQ-A-NM-SSH-T-40K-UL-BZ / POLE MOUNT / CREE	166W	B5-U0-G4	MATCH EXISTING	OSQ-DA-BZ	REPLACE EXISTING FIXTURE
	1	HF1 (NP)	DOUBLE (2@180°)	2	1	(HF) OSQ-A-NM-4ME-K-40K-UL-BZ / POLE MOUNT / CREE	130W	B3-U0-G3	25' AFG	OSQ-DA-BZ	ADD NEW POLE AND FIXTURE
	1	HG1	SINGLE	1	-	(HG) OSQ-A-NM-4ME-T-40K-UL-BZ / POLE MOUNT / CREE	166W	B3-U0-G3	MATCH EXISTING	OSQ-DA-BZ	REPLACE EXISTING FIXTURE
	1	HG2 (NP)	SINGLE	1	1	(HG) OSQ-A-NM-4ME-T-40K-UL-BZ / POLE MOUNT / CREE	166W	B3-U0-G3	25' AFG	OSQ-DA-BZ	ADD NEW POLE AND FIXTURE
	1	HM1 (NP)	SINGLE	1	1	(HM) OSQ-A-NM-4ME-U-40K-UL-BZ / POLE MOUNT / CREE	215W	B3-U0-G3	25' AFG	OSQ-DA-BZ+BLSLF	ADD NEW POLE AND FIXTURE
	1	SB1	SINGLE	1	-	(SB) SEC-EDG-2S-WM-02-E-UL-BZ-525-40K / WALL MOUNT / CREE	37W	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	2	SB2	SINGLE	2	-	(SB) SEC-EDG-2S-WM-02-E-UL-BZ-525-40K / WALL MOUNT / CREE	37W	B1-U0-G1	15'-9" AFG	-	ADD NEW FIXTURE
	2	SH1	SINGLE	2	-	(SH) SEC-EDG-4M-WM-02-E-UL-BZ-350-40K / WALL MOUNT / CREE	25W	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	2	SJ1	SINGLE	2	-	(SJ) SEC-EDG-4M-WM-02-E-UL-BZ-700-40K / WALL MOUNT / CREE	50W	B1-U0-G1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	1	SK1	SINGLE	1	-	(SK) SEC-EDG-4M-WM-04-E-UL-BZ-525-40K / WALL MOUNT / CREE	70W	B2-U0-G2	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	1	SK2	SINGLE	1	-	(SK) SEC-EDG-4M-WM-04-E-UL-WH-525-40K / WALL MOUNT / CREE	70W	B2-U0-G2	9' AFG	-	ADD NEW FIXTURE
	1	SL1	SINGLE	1	-	(SL) SEC-EDG-4M-WM-04-E-UL-BZ-700-40K / WALL MOUNT / CREE	93W	B2-U0-G2	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	1	SM1	SINGLE	1	-	(SM) SEC-EDG-4M-WM-06-E-UL-BZ-525-40K / WALL MOUNT / CREE	101W	B2-U0-G2	11' AFG	-	ADD NEW FIXTURE
	1	SN1	SINGLE	1	-	(SN) SEC-EDG-4M-WM-06-E-UL-BZ-700-40K / WALL MOUNT / CREE	132W	B2-U0-G2	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
	1	R1	SINGLE	1	-	EXISTING SPOT FIXTURE	-	-	-	-	REMOVE AND PATCH
	1	R2	SINGLE	1	-	EXISTING FLOOD FIXTURE	-	-	-	-	REMOVE AND PATCH
	1	R3	SINGLE	1	-	EXISTING WALL FIXTURE	-	-	-	-	REMOVE AND PATCH
	1	R4	SINGLE	1	-	EXISTING CANOPY FIXTURE	-	-	-	-	REMOVE AND PATCH
	1	R5	SINGLE	1	-	EXISTING CANOPY STRIP FIXTURE	-	-	-	-	REMOVE AND PATCH
	2	R6	SINGLE	2	-	EXISTING DOWNLIGHT FIXTURE	-	-	-	-	REMOVE AND PATCH
	2	R7	SINGLE	2	-	EXISTING 2X2 FIXTURE	-	-	-	-	REMOVE AND PATCH
	3	Y1	SINGLE	3	-	EXISTING COBRAHEAD FIXTURE	-	-	-	-	OUT OF SCOPE

- FIXTURE CLARIFICATION NOTES:
1. OUT OF SCOPE - EXISTING FIXTURES TO REMAIN ON SITE WITHOUT MODIFICATION. NO ACTION REQUIRED UNLESS NOTED OTHERWISE.
  2. REMOVE AND PATCH - EXISTING FIXTURES TO BE FULLY REMOVED AND ANY PAINTING, PATCHING OR ELECTRICAL WORK NEEDED IS TO BE ASSESSED AND PERFORMED BY CONTRACTOR.
  3. REPLACE EXISTING FIXTURE - EXISTING FIXTURE TO BE FULLY REMOVED AND REPLACED IN THE SAME LOCATION WITH A NEW FIXTURE. CONTRACTOR TO VERIFY IF POLE AND/OR POLE BASE IS SUFFICIENT FOR THE NEW FIXTURES. ANY PAINTING, PATCHING OR ELECTRICAL WORK NEEDED IS TO BE ASSESSED AND PERFORMED BY CONTRACTOR.
  4. ADD NEW FIXTURE - NEW FIXTURES TO BE ADDED. ANY PAINTING, PATCHING OR ELECTRICAL WORK NEEDED TO BE ASSESSED AND PERFORMED BY CONTRACTOR.
  5. ADD NEW POLE & FIXTURE - A NEW POLE AND FIXTURE TO BE ADDED. CONTRACTOR TO SPECIFY POLE TO MATCH EXISTING STREET AND COLOR AND, IF NOT PROVIDED, POLE BASE DATA FOR NEW POLE LOCATIONS. CONTRACTOR TO VERIFY IF POLE AND POLE BASE IS SUFFICIENT FOR THE HEIGHT, LOCATION AND FIXTURE SPECIFIED.
  6. CONTRACTOR IS TO WORK WITH DISTRIBUTOR AND/OR MANUFACTURER ON A CASE BY CASE BASIS TO IDENTIFY AND ORDER REQUIRED MOUNTING HARDWARE.
  7. CONTRACTOR TO VERIFY WHETHER EXISTING WIRING LOCATIONS OR THE ADDITION OF WIRING FOR NEW FIXTURE LOCATIONS IS SUFFICIENT FOR THE DESIGNATED FIXTURE LOCATION.
  8. CONTRACTOR TO VERIFY POLE COLOR AND TYPE PRIOR TO ORDERING.
  9. ALL FIXTURES ARE ASSUMED BRONZE IN COLOR UNLESS NOTED OTHERWISE IN THE LUMINAIRE SCHEDULE. CONTRACTOR TO CONFIRM PRIOR TO ORDERING.

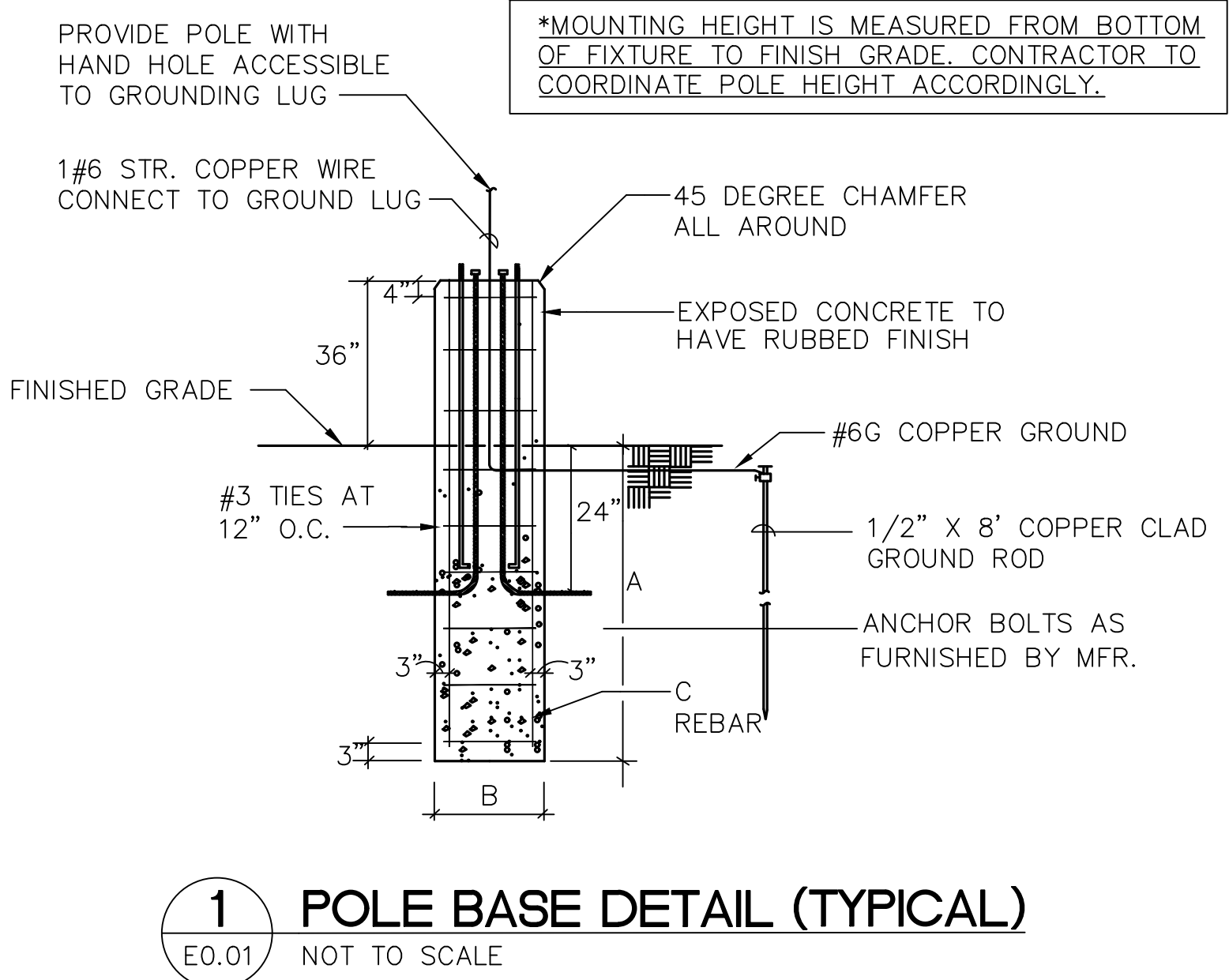
CONTROLS & ADDITIONAL NOTES:

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 PIM 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 DEPOSITORIES, ASSOCIATE ENTRY) FROM DIFFERENT ANGLES
  - MINIMUM OF 2 PHOTOS OF ALL NON-COMPLIANCE AREAS FROM DIFFERENT ANGLES



\*SEE FIXTURE CLARIFICATION NOTES. NEW BASE/POLE SHALL MATCH EXISTING POLES ON SITE.

SCHEDULE			
HT.	A	B	C
20'	4'-0"	2'-0"	4#5
25'	5'-0"	2'-0"	4#5

Bank of America  
Vienna  
ELP

235 Maple Ave W  
Vienna, VA 22180

SERIAL NUMBER:  
NRSP VERSION:  
BULLETIN:



This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2019

Issue	Date & Issue Description	By	Check
01	01/23/2019		
OWNER'S REVIEW SUBMISSION			

Seal/Signature

Project Name  
BANK OF AMERICA – Vienno ELP

PROTOTYPE LAYOUT  
223.12125.00  
CAD File Name

Description  
ELECTRICAL COVER SHEET

Scale  
NONE

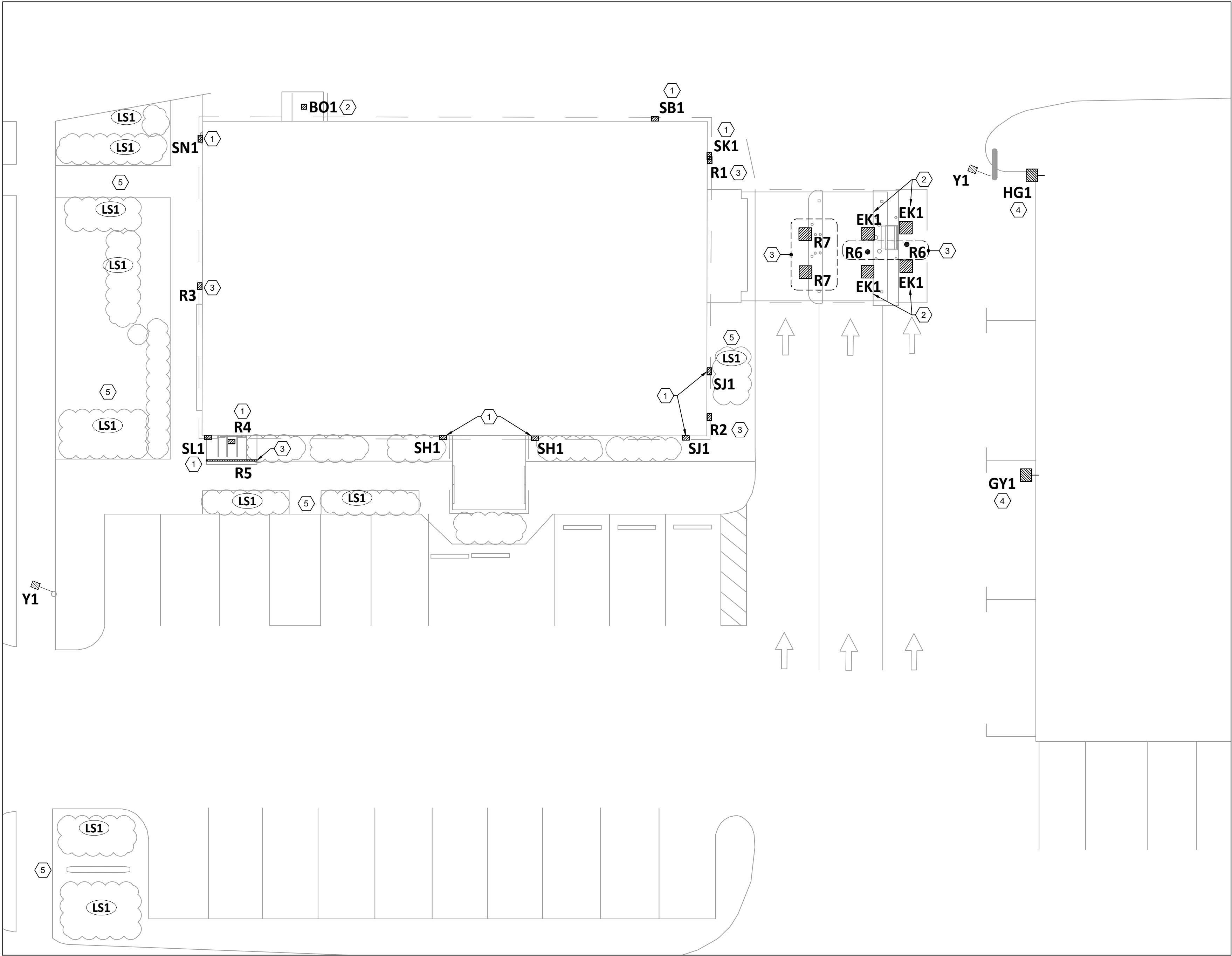
E0.01





©19 North Harbor Drive Suite 801 Arlington, VA 22203  
P: 703.926.4501 F: 703.926.4502  
www.littleonline.com

*This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.*  
© Little 2019



1 ELECTRICAL SITE PLAN - DEMOLITION  
E1.01 3/32" = 1'-0"

- GENERAL DEMOLITION NOTES:
- A. SEE SHEET E0.01 FOR PROJECT DETAILS, SCHEDULES AND SPECIFICATIONS. ALL NOTES ON SHEET E0.01 SHALL APPLY TO THIS DRAWING.
  - B. SEE GMR DRAWINGS FOR FINAL LIGHTING FIXTURE LAYOUT, DETAILS, AND NOTES.
  - C. UNLESS SPECIFICALLY INDICATED OTHERWISE, ELECTRICAL EQUIPMENT, LIGHTING FIXTURES, DEVICES, FEEDERS, AND BRANCH CIRCUIT WIRING INDICATED FOR REMOVAL SHALL BE REMOVED IN THEIR ENTIRETY BACK TO THE SOURCE OR TO THE NEXT ACTIVE FIXTURE TO REMAIN.
  - D. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SHOW INTENT OF DEMOLITION WORK TO BE DONE. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE WORKING INSTALLATION.
  - E. ITEMS OUTSIDE THE SCOPE OF WORK ARE EXISTING TO REMAIN AND SHALL REMAIN ACTIVE THROUGHOUT THE CONSTRUCTION PROCESS. CONTRACTOR SHALL ENSURE THE CONTINUITY OF POWER TO ALL EXISTING ITEMS TO REMAIN AND RESTORE DISRUPTED CIRCUITS AS REQUIRED.
  - F. POWER SHUTDOWNS SHALL BE COORDINATED AND COMPLETED AT TIMES OUTSIDE OF NORMAL WORKING HOURS AS APPROVED BY THE OWNER. PROVIDE A MINIMUM OF SEVEN DAYS ADVANCED NOTICE PRIOR TO ANY SHUTDOWN.
  - G. ALL EXTERIOR LIGHTING FIXTURES ARE TO BE AUTOMATICALLY CONTROLLED BY EXISTING LIGHTING CONTROLS EQUIPMENT LOCATED WITHIN THE MAIN EQUIPMENT ROOM. CONTRACTOR SHALL RETAIN EXISTING LIGHTING CONTROLS AND PROVIDE ADDITIONAL COMPONENTS, WIRING, AND CONTROL DEVICES AS REQUIRED FOR A COMPLETE SYSTEM. SEE NOTES ON SHEET E0.01 AND GMR DWGS FOR ADDITIONAL INFORMATION.
  - H. EXISTING LIGHT FIXTURES Y1 ARE TO REMAIN.

- NOTES:
- 1. TYPICAL - EXISTING BUILDING MOUNTED LIGHT FIXTURE(S) TO BE REMOVED AND REPLACED. REMOVE FIXTURE / SUPPORTS, AND RETAIN EXISTING BRANCH CIRCUIT / CONTROLS FOR RECONNECTION UNDER NEW WORK. CONTRACTOR SHALL PROVIDE PATCHING, PAINTING, AND WEATHERPROOFING / FIREPROOFING AS REQUIRED.
  - 2. TYPICAL - EXISTING CANOPY MOUNTED LIGHT FIXTURE(S) TO BE REMOVED AND REPLACED. REMOVE FIXTURE / SUPPORTS, AND RETAIN EXISTING BRANCH CIRCUIT / CONTROLS FOR RECONNECTION UNDER NEW WORK. CONTRACTOR SHALL PROVIDE PATCHING, PAINTING, AND WEATHERPROOFING / FIREPROOFING AS REQUIRED.
  - 3. TYPICAL - EXISTING LIGHT FIXTURE(S) TO BE REMOVED. REMOVE FIXTURE, SUPPORTS, WIRING, AND CONDUIT BACK TO SOURCE OR TO NEXT ACTIVE FIXTURE TO REMAIN. ANY CIRCUITS MADE SPARE BY DEMOLITION WORK SHALL BE TURNED TO 'OFF' POSITION AND UPDATED ON PANEL SCHEDULE. GC SHALL PROVIDE PATCHING, PAINTING, AND WEATHERPROOFING / FIREPROOFING AS REQUIRED.
  - 4. EXISTING UTILITY POLE MOUNTED FLOODLIGHT(S) TO BE REMOVED AND REPLACED. REMOVE FIXTURE, SUPPORTS, AND RETAIN EXISTING BRANCH CIRCUIT FOR RECONNECTION UNDER NEW WORK. CONTRACTOR SHALL PROVIDE PATCHING, PAINTING, AND WEATHERPROOFING / FIREPROOFING AS REQUIRED.
  - 5. CONTRACTOR SHALL COORDINATE AND VERIFY TRIMMING OF TREES / BUSHES WITH GMR DRAWINGS AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK.

LANDSCAPE SCHEDULE		
CM = CRAPE MYRTLE UNK = UNKNOWN		
SYMBOL	QTY	NOTES
LS1	-	TRIM LANDSCAPING DOWN TO 36"

Seal/Signature

Project Name  
BANK OF AMERICA - Vienna ELP

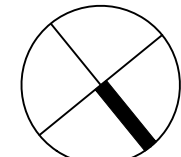
PROTOTYPE LAYOUT  
223.12125.00  
CAD File Name

Description  
ELECTRICAL SITE PLAN - DEMOLITION

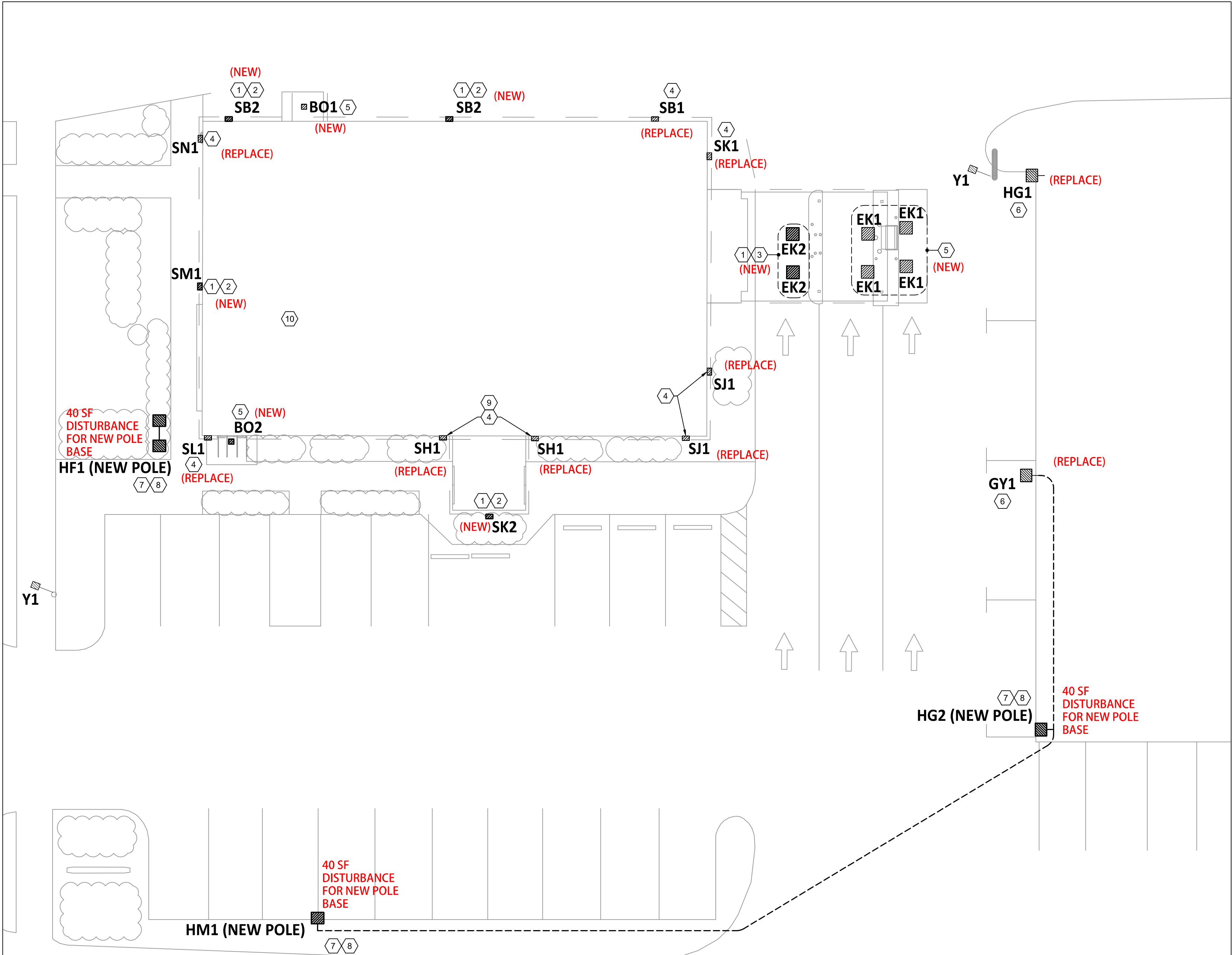
Scale  
3/32" = 1'-0"

0 2' 4' 8' 16'

E1.01







1 ELECTRICAL SITE PLAN - NEW WORK  
E2.01 3/32" = 1'-0"

- GENERAL NOTES:
- A. SEE SHEET E0.01 FOR PROJECT DETAILS, SCHEDULES AND SPECIFICATIONS. ALL NOTES ON SHEET E0.01 SHALL APPLY TO THIS DRAWING.
  - B. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE MOUNTING HEIGHTS.
  - C. ELECTRICAL PLANS ARE DIAGRAMMATIC. DO NOT SCALE DRAWINGS EXCEPT WHERE DIMENSIONS ARE SHOWN.
  - D. ALL WORK SHALL BE DONE AT SUCH TIMES AND IN SUCH A MANNER AS WILL LEAST INTERFERE WITH THE MAINTENANCE AND OPERATION OF ALL RELATED OR AFFECTED SYSTEMS.
  - E. ALL POWER OUTAGES SHALL BE COORDINATED WITH OWNER.
  - F. THE ACTUAL NUMBER OF WIRES ARE NOT INDICATED FOR ALL CIRCUITS. ONLY THOSE WHERE CLARIFICATION IS NECESSARY. E.C. SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM.
  - G. ALL EMPTY CONDUIT RUNS SHALL BE PROVIDED WITH PULL STRINGS.
  - F. ALL EXTERIOR LIGHTING FIXTURES ARE TO BE AUTOMATICALLY CONTROLLED BY EXISTING LIGHTING CONTROLS EQUIPMENT LOCATED WITHIN THE MAIN EQUIPMENT ROOM. CONTRACTOR SHALL RETAIN EXISTING LIGHTING CONTROLS AND PROVIDE ADDITIONAL COMPONENTS, WIRING, AND CONTROL DEVICES AS REQUIRED FOR A COMPLETE SYSTEM. SEE NOTES ON SHEET E0.01 AND GMR DRAWINGS FOR ADDITIONAL INFORMATION.
  - G. ALL EXTERIOR LIGHTING CIRCUITS / FIXTURES SHALL OPERATE SIMULTANEOUSLY AND SHALL BE AUTOMATICALLY POWERED 'ON' FROM DUSK UNTIL DAWN, UNLESS OTHERWISE NOTED.

- NOTES:
- EXTEND EXISTING 120V-20A EXTERIOR BRANCH CIRCUIT SERVING NEAREST LIGHT FIXTURES TO NEW BUILDING MOUNTED LIGHTING FIXTURES AS NECESSARY (2#10, 1#10G IN 3/4"CI). CONTRACTOR SHALL BALANCE THE LOADS WHERE MORE THAN ONE EXISTING CIRCUIT IS AVAILABLE THE CONTRACTOR SHALL CONCEAL ALL BRANCH CIRCUIT WIRING WHERE POSSIBLE. EXPOSED CONDUIT AT BUILDING EXTERIOR SHALL ONLY BE USED WHERE ABSOLUTELY NECESSARY. IF EXPOSED CONDUIT IS DEEMED NECESSARY, CONTRACTOR SHALL COORDINATE LOCATION / USE WITH OWNER. ENSURE EXTERIOR BRANCH LIGHTING CIRCUIT IS AUTOMATICALLY CONTROLLED AND POWERED 'ON' FROM DUSK-UNTIL-DAWN, UNLESS OTHERWISE NOTED.
  - PROVIDE AND INSTALL NEW WALL MOUNTED FIXTURE(S) AT BUILDING EXTERIOR AT MOUNTING HEIGHT AS SCHEDULED ON SHEET E0.01. COORDINATE FINAL LOCATION WITH EXISTING CONDITIONS AND PROVIDE MOUNTING HARDWARE AS WELL AS ANY CUTTING, PATCHING, PAINTING, AND FIREPROOFING / WATERPROOFING AS REQUIRED.
  - PROVIDE AND INSTALL NEW RECESSED CANOPY MOUNTED FIXTURE(S) AT MOUNTING HEIGHT AS SCHEDULED ON SHEET E0.01. COORDINATE FINAL LOCATION WITH EXISTING CONDITIONS AND PROVIDE MOUNTING HARDWARE AS WELL AS ANY CUTTING, PATCHING, PAINTING, AND FIREPROOFING / WATERPROOFING AS REQUIRED.
  - PROVIDE AND INSTALL NEW FIXTURE(S) AT EXISTING WALL MOUNTED LOCATION. COORDINATE INSTALLATION W/ EXISTING STRUCTURE / CONDITIONS AND PROVIDE MOUNTING KIT & HARDWARE AS WELL AS ADDITIONAL CUTTING, PATCHING, PAINTING, AND FIREPROOFING / WATERPROOFING AS REQUIRED. CONNECT LIGHT FIXTURES TO EXISTING CIRCUITING, WITH EXISTING CONTROL TO REMAIN, UNLESS OTHERWISE NOTED.
  - PROVIDE AND INSTALL NEW FIXTURES AT EXISTING CANOPY AND CONNECT TO EXISTING LIGHTING CIRCUIT. COORDINATE INSTALLATION W/ EXISTING STRUCTURE / CONDITIONS AND PROVIDE MOUNTING KIT & HARDWARE AS WELL AS ADDITIONAL CUTTING, PATCHING, PAINTING, AND FIREPROOFING / WATERPROOFING AS REQUIRED. CONNECT LIGHT FIXTURES TO EXISTING CIRCUITING, WITH EXISTING CONTROL TO REMAIN, UNLESS OTHERWISE NOTED.
  - PROVIDE AND INSTALL NEW POLE MOUNTED FIXTURE(S) AT EXISTING POLE. COORDINATE INSTALLATION W/ EXISTING STRUCTURE / CONDITIONS AND PROVIDE MOUNTING KIT & HARDWARE AS WELL AS ADDITIONAL CUTTING, PATCHING, PAINTING, AND FIREPROOFING / WATERPROOFING AS REQUIRED. CONNECT LIGHT FIXTURES TO EXISTING CIRCUITING, WITH EXISTING CONTROL TO REMAIN, UNLESS OTHERWISE NOTED.
  - PROVIDE NEW POLE. CONCRETE POLE BASE (W/ GROUNDING), AND POLE MOUNTED FIXTURE(S) AS SCHEDULED. SEE LIGHTING FIXTURE SCHEDULE AND POLE BASE DETAIL ON E0.01 FOR ADDITIONAL INFORMATION.
  - EXTEND 120V-20A BRANCH LIGHTING CIRCUIT TO NEW POLE MOUNTED FIXTURES AS NECESSARY FROM NEAREST LIGHT FIXTURE CIRCUIT (2#8, 1#10G IN 1-1/2"CI). COORDINATE FINAL ROUTING WITH EXISTING CONDITIONS AND TRENCH THE PATH WITH THE LEAST AMOUNT OF DISTURBANCE TO EXISTING DRIVEWAYS AND SIDEWALKS. COORDINATE ALL WORK WITH OWNER AS REQUIRED. PROVIDE AND INSTALL POLYMER CONCRETE PULLBOX (HANDHOLE), AS REQUIRED, TO FACILITATE PULLING OF UNDERGROUND LIGHTING CIRCUIT CONDUCTORS.
  - PROVIDE EMERGENCY EGRESS 90 MINUTE BATTERY BACK-UP LED DRIVER INTEGRAL TO FIXTURE, OR REMOTE MOUNTED AS REQUIRED, AND WITH COLD-WEATHER RATING AS CONDITIONS DICTATE (IOTA #ILB-CP12 OR EQUAL, OR STANDARD 'EM' OPTION WITH SPECIFIED FIXTURE).
  - LOCATION OF EXISTING 120 VOLT ELECTRICAL SOURCE PANEL-B, IN ELECTRICAL ROOM IN BASEMENT LEVEL. FOR EXTERIOR LIGHTING CIRCUITS TO BE EXTENDED AS INDICATED. EXISTING TIMECLOCK AND CONTACTORS CONTROLLING ALL EXTERIOR LIGHTING CIRCUITS SHALL REMAIN IN PLACE AND BE RE-UTILIZED.

SITE LIGHTING DESIGN STATEMENT

THE INDICATED BUILDING-MOUNTED AND POLE-MOUNTED LIGHTING DESIGN, INCLUDING FIXTURE SELECTIONS, INSTALLATION LOCATIONS AND SUPPORTING PHOTOMETRIC CALCULATIONS, HAS BEEN PERFORMED BY THE OWNER'S CONSULTANT (GMR). THE BUILDING-MOUNTED AND POLE-MOUNTED FIXTURES, INCLUDING FIXTURE SUPPORTS, POLE BASES AND ALL INDICATED CIRCUITING, ARE INCLUDED IN THE CONTRACT AND SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR, ACCORDING TO THE POLE AND FIXTURE MANUFACTURER'S INSTRUCTIONS.

Bank of America  
Vienna  
ELP

235 Maple Ave W  
Vienna, VA 22180

SERIAL NUMBER:  
NRSP VERSION:  
BULLETIN:

LITTLE  
DIVERSIFIED ARCHITECTURAL CONSULTING

©19 North Harbor Drive Suite 801 Arlington, VA 22203  
P: 703.926.4501 F: 703.926.4502

www.littleonline.com

This drawing and the design thereon are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2019

Issue	Date & Issue Description	By	Check
01	01/23/2019		
OWNER'S SUBMISSION			

Seal/Signature

Project Name  
BANK OF AMERICA - Vienna ELP

PROTOTYPE LAYOUT  
223.12125.00  
CAD File Name

Description  
ELECTRICAL SITE PLAN - NEW WORK

Scale

3/32" = 1'-0"

0 2' 4' 8' 16'

E2.01

