

POWER & COMMUNICATION LEGEND	
⊕	120V DUPLEX OUTLET
⊕	120V QUAD OUTLET
⊕	208 OR 240 VOLT RECEPTACLE
⊕	120V CEILING RECEPTACLE
⊕	DATA/COMMUNICATION OUTLET
⊕	TELEPHONE OUTLET
⊕	TV OUTLET
⊕	DATA/TV COMBO OUTLET
⊕	FLOOR BOX
⊕	JUNCTION BOX
⊕	E-STOP FOR GRILL OR FIRE PIT
⊕	TIMER FOR FRILL OR FIRE PIT
BC	BELOW COUNTER OUTLET
AC	ABOVE COUNTER OUTLET
D	DEDICATED RECEPTACLE
GFI	GROUND FAULT CIRCUIT INTERRUPTER
WP/GFI	WEATHER PROOF COVER WITH GFI
⊕	MOTOR EQUIPMENT CONNECTION
⊕	ELECTRICAL DISCONNECT
⊕	ELECTRICAL CONNECTION W/DISCONNECT
⊕	ELECTRICAL CONNECTION W/WEATHER PROOF DISCONNECT
⊕	ELECTRICAL PANEL
⊕	THERMOSTAT MOUNTED AT 48" A.F.F.
⊕	SMOKE/CO ALARM
⊕	SMOKE ALARM
⊕	NITROGEN DIOXIDE DETECTOR
⊕	CARBON MONOXIDE DETECTOR

LIGHTING LEGEND	
⊕	RECESSED 2X4 FIXTURE
⊕	RECESSED 2X2 FIXTURE
⊕	SURFACE MOUNT 1X4 FIXTURE
⊕	SURFACE MOUNT 2X4 FIXTURE
⊕	WALL MOUNTED FIXTURE
⊕	CEILING MOUNTED STRIP FIXTURE
⊕	RECESSED OR DISC FIXTURE
⊕	WALL MOUNTED FIXTURE
⊕	SURFACE CEILING MOUNTED FIXTURE
⊕	PENDANT MOUNTED FIXTURE
⊕	EXTERIOR POLE MOUNTED FIXTURE
⊕	BOLLARD OR GROUND MOUNTED FIXTURE
⊕	EMERGENCY LIGHTING FIXTURE
⊕	EMERGENCY EXIT SIGN
⊕	EMERGENCY EXIT SIGN WITH EMERGENCY HEADS
⊕	EXTERIOR EMERGENCY EGRESS LIGHT
⊕	SINGLE POLE SWITCH
⊕	THREE WAY SWITCH
⊕	FOUR WAY SWITCH
⊕	OCCUPANCY SENSORS
⊕	VACANCY SENSORS
⊕	CEILING OCCUPANCY SENSORS
⊕	LIGHTING CONTROL TIME CLOCK
NL	INDICATES NIGHT LIGHT FIXTURE
⊕	INDICATES LIGHT FIXTURE SWITCH LEG
P-X	INDICATES PANEL AND CIRCUIT NUMBER
1	INDICATES LIGHT FIXTURE TYPE
EX	INDICATES EXISTING FIXTURE
RL	INDICATES RELOCATED FIXTURE
TC	INDICATES TIME CLOCK CONTROLLED FIXTURE
EM	INDICATES FIXTURE EMERGENCY OR STANDBY POWER

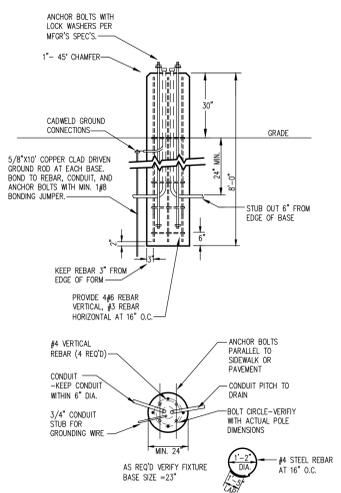
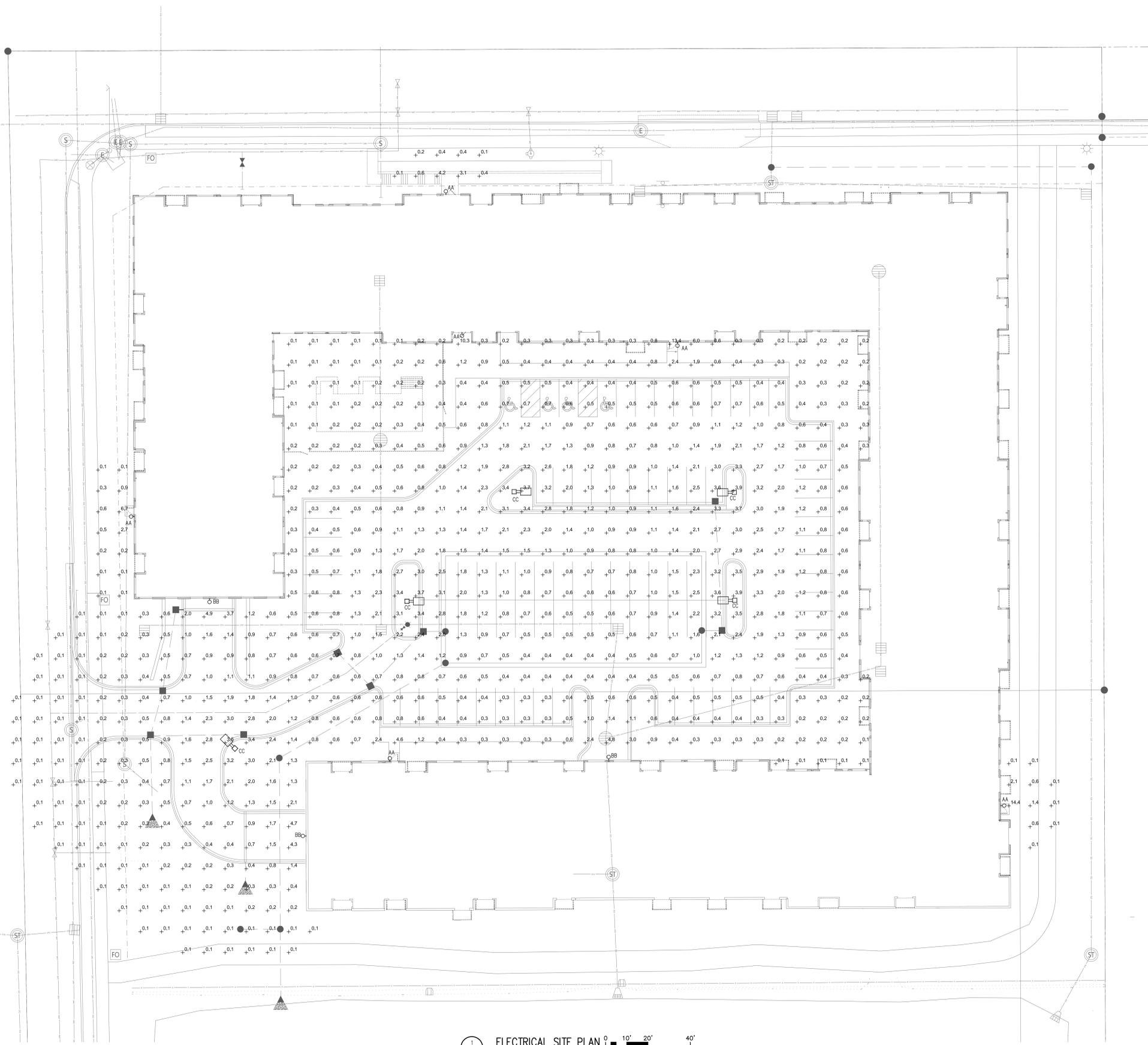
- ### SITE NOTES
- THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM.
 - MATERIALS AND INSTALLATION SHALL COMPLY WITH CODES, UTILITY REQUIREMENTS, LAWS AND ORDINANCES OF FEDERAL, STATE, OSHA AND LOCAL GOVERNING BODIES HAVING JURISDICTION.
 - THE CONTRACTOR SHALL COMPLY WITH ALL CODES AND STANDARDS APPLICABLE TO THIS PROJECT THAT ARE LISTED BUT NOT LIMITED TO: NEC, NFPA, NEMA, ANSL, IES, IEEE, NFPA LIFE SAFETY 101, ASHRAE 90.1, IEC ENERGY CODE AND IBC BUILDING CODE.
 - PRIOR TO ANY DIGGING, TRENCHING, ETC. CONTACT ALL LOCAL UTILITY COMPANIES AND MUNICIPALITIES AND CONFIRM EXACT LOCATIONS OF ALL EXISTING UTILITIES.
 - MATERIALS AND EQUIPMENT SHALL BE LISTED AND/OR LABELED BY UL OR ANOTHER NATIONALLY RECOGNIZED TESTING LABORATORY.
 - ALL MATERIAL, EQUIPMENT, WIRING DEVICES, ETC SHALL BE NEW, UNLESS SPECIFICALLY NOTED AS EXISTING TO BE REUSED.
 - ALL MATERIALS AND EQUIPMENT SHALL BE STORED, HANDLED, ERRECTED, INSTALLED, CONNECTED, CLEANED, ADJUSTED, TESTED, CONDITIONED AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURERS DIRECTIONS AND RECOMMENDATIONS.
 - COORDINATE THE UTILITY COMPANY SERVICE FEEDS AND INSTALLATION.
 - ALL POLE FIXTURES TO BE LOCATED 4' AWAY FROM EDGE OF CURB.
 - ALL EXTERIOR LIGHT FIXTURES TO BE CONNECTED TO A COMMON EQUIPMENT GROUND. USE #8, TYPE THWN.
 - ALL CIRCUIT TO BE PLACED IN 1" CONDUITS UNLESS OTHERWISE NOTED. CIRCUIT TO USE COPPER WIRE, TYPE THWN.
 - THE CONTROLLING LIGHTING CONTACTORS SHALL BE MOUNTED INSIDE THE BUILDING WITH TIME-CLOCK CONTROL & REMOTE PHOTOCELLS LOCATED ON THE EXTERIOR SIDE OF THE BUILDING WALL. INSTALL PHOTOCELLS AT LOCATIONS WHERE BUILDING OR OTHER OBSTRUCTIONS WILL NOT INTERFERE WITH THEIR PROPER OPERATION. FINAL BRANCH CIRCUIT SUPPLY CONNECTIONS WILL BE PROVIDED BY THE BUILDING ELECTRICAL CONTRACTORS.
 - MIN. BURIAL DEPTH FOR THE LIGHTING CIRCUIT SHALL BE 24". A SLIGHT DECREASE IN DEPTH IS ALLOWED WITHIN 10' OF THE POLES.
 - VERIFY CONSTRUCTION AREAS ON OTHER SITE PLANS FOR POTENTIAL OBSTACLES AND CONSTRUCTION LIMITS.

- ### ELECTRICAL GENERAL NOTES
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL ELECTRICAL CODES.
 - COORDINATE WORK WITH ALL OTHER TRADES.
 - EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - ALL WIRING SHALL BE INSTALLED IN APPROVED RACEWAYS.
 - ALL EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED AT ALL LOCATIONS.
 - ALL MEASUREMENTS TO TOP OF BOX. RECEPTACLES SHALL BE 20" A.F.F. SWITCHES SHALL BE 48" A.F.F.
 - GFI PROTECT ALL RECEPTACLES WITHIN 6' OF EVERY SINK.
 - DRAWINGS ONLY REPRESENT AN APPROXIMATE LOCATION OF ALL RECEPTACLES, SWITCHES, LIGHTS, TV/DATA JACKS, ELECTRICAL EQUIPMENT, ETC. FINAL LOCATIONS WILL BE DETERMINED IN THE FIELD AND MAY VARY FROM DRAWINGS DUE TO UNFORESEEN CIRCUMSTANCES.
 - PROVIDE GFCI PROTECTION FOR ALL AREAS LISTED UNDER NEC 210.8.
 - PROVIDE TAMPER RESISTANT RECEPTACLES IN ALL AREAS LISTED UNDER NEC 406.12.

LIGHTING FIXTURE SCHEDULE - EXTERIOR

TYPE	LAMPS	WATTAGE	DESCRIPTION	NOTES
AA	LED	20	SMALL EXTERIOR WALL PACK	HUBBELL
BB	LED	30	MEDIUM EXTERIOR WALL PACK	HUBBELL
CC	LED	100	POLE MOUNT FIXTURE, TYPE V OPTICS, 20' POLE	A17

NOTES:



NOTE:
 1.) USE MFG'S DIMENSIONS FOR EXACT ANCHOR BOLT AND COVER PLACEMENT.
 2.) INSTALL INLINE FUSES IN EACH UNGROUNDED CONDUCTOR WITHIN POLE BASE HAND HOLE.
 3.) TROWEL FINISH EXPOSED PORTION OF BASE TO REMOVE/COVER FORM MARKS.

1 ELECTRICAL SITE PLAN
SCALE: 1" = 20'-0"

BERD! ELECTRIC LLC
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 Phone: 847.966.9847 Fax: 847.966.9847

DATE	REASON	DESCRIPTION	BY

DATE: 9/23/22
 DRAWN BY: AS SHOWN
 CHECKED BY: BI
 JOB NO.:

ENCLAVE - MAPLEWOOD
 MAPLEWOOD, MN
 ELECTRICAL SITE PLAN

DRAWING NO.
 E1.1