

CONDUCTOR SIZING TABLE

FOR 120V-20A BRANCH CIRCUITS ONLY, UNLESS OTHERWISE NOTED

IF DISTANCE A + B IN FEET IS: (SEE DIAGRAM AT RIGHT)	USE COPPER WIRE IN METALLIC CONDUIT, AWG SIZE AS FOLLOWS ON ENTIRE CIRCUIT AND SIZE CONDUIT ACCORDINGLY:
0' to 100'	#12 (MIN.)
100' to 175'	#10
175' to 300'	#8
300' to 450'	#6 (MAX.)

THESE TABLES ARE BASED ON AN EVENLY DISTRIBUTED LOAD ALLOWING A MAXIMUM 3% VOLTAGE DROP AT LAST OUTLET. CONTRACTOR SHALL APPLY ACCORDINGLY.

CIRCUIT HOMERUN SYMBOL SCHEDULE

A-1 ← ONE CIRCUIT HOMERUN TO PANEL "A", CIRCUIT #1.

A-1,3 ← TWO CIRCUIT HOMERUN TO PANEL "A", CIRCUITS #1 AND 3. PROVIDE MULTI-POLE CIRCUIT BREAKER.

A-1,3,5 ← THREE CIRCUIT HOMERUN TO PANEL "A", CIRCUITS #1, 3, AND 5. PROVIDE MULTI-POLE CIRCUIT BREAKER.

A-1,3 ← ONE CIRCUIT HOMERUN TO PANEL "A", 208V OR 480V, 1Φ CIRCUIT TO POLES #1 AND 3.

A-1,3,5 ← ONE CIRCUIT HOMERUN TO PANEL "A", 208V OR 480V, 3Φ CIRCUIT TO POLES #1, 3, AND 5.

EQUIPMENT DISCONNECT SCHEDULE

Sw MANUAL MOTOR STARTING SWITCH WITH OVERLOAD PROTECTION EQUAL TO SQUARE-D CLASS 2510 TYPE KG-1 SERIES.

3P/30A/208V HEAVY DUTY SAFETY SWITCH, NEMA 1 ENCLOSURE. FIRST NUMBER IN SUBSCRIPT INDICATES QUANTITY OF POLES, SECOND NUMBER INDICATES AMPERE RATING, THIRD NUMBER INDICATES VOLTAGE. IE: 3P/30A/208V INDICATES 3 POLE, 30 AMP, 208 VOLT.

3P/30A/208V FUSIBLE HEAVY DUTY SAFETY SWITCH, AS ABOVE EXCEPT WITH FUSES. ACTUAL SIZE AND TYPE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND UNIT NAMEPLATE. FUSES SHALL BE "RK-5" FUSETRONS.

3P/30A/208V/3R HEAVY DUTY SAFETY SWITCH AS ABOVE EXCEPT IN NEMA 3R ENCLOSURE. NON-FUSED AND FUSED SWITCHES RESPECTIVELY.

3P/30A/208V/3R FUSED SWITCHES RESPECTIVELY.

NOTE: PROVIDE NEUTRAL BARS, GROUNDING BARS, REJECTION CLIPS, SERVICE ENTRANCE LABELS, FUSES AND ALL OTHER ACCESSORIES REQUIRED FOR THE APPLICATION.

SYMBOL SCHEDULE

HOMERUN TO PANELBOARD. SEE "CIRCUIT HOMERUN SYMBOL SCHEDULE".

CONDUIT RUN CONCEALED OVERHEAD ABOVE CEILING AND IN WALLS OR MC CABLE WHERE PERMITTED. USE SURFACE RACEWAY SYSTEM EXPOSED ON INACCESSIBLE EXISTING CONSTRUCTION.

CONDUIT RUN CONCEALED BELOW GRADE OR BELOW FLOOR.

GROUND SIZED PER NEC 250.

PANELBOARD. SEE PANEL SCHEDULE.

FLUORESCENT LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE.

DUPLEX RECEPTACLE WALL MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED.
 GFI - DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTING MECHANISM.
 WP - WEATHERPROOF COVER.

DUPLEX RECEPTACLE AS ABOVE EXCEPT MOUNTED 4" ABOVE BACKSPASH OR 46" AFF.

DEVICE EQUIPPED WITH GROUND FAULT CIRCUIT INTERRUPTER.

CEILING MOUNTED OCCUPANCY SENSOR

WALL MOUNTED LIGHTING FIXTURE.

JUNCTION BOX CEILING OR SURFACE MOUNTED WITH BLANK COVER.

JUNCTION BOX FLUSH WALL MOUNTED WITH BLANK COVER.

TELE/DATA OUTLET 18" AFF. EXTEND 3/4" WITH PULLCORD TO AN ACCESSIBLE LOCATION ABOVE THE CEILING SPACE. PROVIDE A BLANK COVERPLATE ON TELE/DATA OUTLETS.

SWITCH RATED 120/277 VOLTS AND 20 AMPERES. SUBSCRIPTS FOR BASIC SYMBOL.
 BLANK - SINGLE POLE
 3 - THREE WAY
 M - MANUAL MOTOR STARTING SWITCH
 OS - OCCUPANCY SENSOR
 D - DIMMER

SINGLE GANG FLUSH FLOOR BOX WITH DUPLEX RECEPTACLE.

SINGLE GANG FLUSH FLOOR BOX WITH TELE/DATA OUTLET.

TWO-GANG FLUSH FLOOR BOX WITH DUPLEX RECEPTACLE AND TELE/DATA OUTLET.

PROJECT NOTES

ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND ALL STATE AND LOCAL CODES HAVING JURISDICTION.

ALL MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE ON THE DRAWINGS. ALL MATERIALS, EQUIPMENT, CONDUIT, ETC. SHALL BEAR THE NORTH CAROLINA APPROVED THIRD PARTY TESTING AGENCY LABEL FOR ITS INSTALLED APPLICATION.

THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY SUCH FEES AS MAY BE NECESSARY FOR INSPECTIONS, TESTS, AND OTHER SERVICES NECESSARY FOR THE COMPLETION OF HIS WORK.

CONTRACTOR SHALL VISIT THE SITE AND EXAMINE CONDITIONS OF THE PREMISES AND THE CHARACTER AND EXTENT OF WORK REQUIRED PRIOR TO SUBMISSION OF BIDS. ANY DIFFICULTIES IN COMPLYING WITH THE DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE BIDDING.

IF, DURING THE COURSE OF THE WORK, THE CONTRACTOR EXPERIENCES A PROBLEM WITH THE PERFORMANCE OF THE INSTALLATION RELATIVE TO THE PLANS AND SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, OTHER APPLICABLE CODES AND GOVERNING DOCUMENTS, THE CONTRACTOR SHALL BRING THE PROBLEM TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER IN WRITING FOR RESOLUTION PRIOR TO EXECUTION OF THE WORK.

IT IS THE INTENT OF THESE DRAWINGS AND OTHER RELATED DOCUMENTS TO PRODUCE A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL AND OTHER SERVICES AS MAY BE NECESSARY TO ACHIEVE THIS PRODUCT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BRING TO THE ATTENTION OF THE ARCHITECT/ENGINEER ANY DISCREPANCIES IN THE PLANS AND SPECIFICATIONS THAT WILL AFFECT THE WORK, PRIOR TO SUBMISSION OF HIS BID PRICE.

ALL MAJOR COMPONENTS OF THE ELECTRICAL SYSTEM SUCH AS SAFETY DISCONNECT SWITCHES AND PANELBOARDS SHALL BE BY THE SAME MANUFACTURER.

PANELBOARDS SHALL ACCEPT BOLT-ON OR PLUG-ON TYPE BREAKERS AND BE EQUIPPED WITH PLATED BUSSES, DEAD FRONT TYPE, SQUARE D, GE, OUTLER-HAMMER, SIEMENS OR EQUAL. PROVIDE TYPEWRITTEN DIRECTORY WITH PANEL.

CIRCUIT BREAKERS SHALL BE MOLDED CASE, BOLT-ON OR PLUG-ON, FULL SIZE UNLESS NOTED OTHERWISE. MULTI-POLE BREAKERS SHALL HAVE A COMMON TRIP. CIRCUIT BREAKERS USED FOR SWITCHING OF LIGHTING OR SIGN CIRCUITS SHALL BE APPROVED FOR SWITCHING DUTY AND SHALL BE MARKED "SWD" IN ACCORDANCE WITH THE NEC.

ALL MOTORS, HVAC EQUIPMENT, HEATERS, COMPRESSORS AND OTHER EQUIPMENT SHALL BE FURNISHED WITH A DISCONNECTION MEANS. MOTORS WITH DATAPLATES REQUIRING FUSED PROTECTION SHALL BE FURNISHED WITH A FUSIBLE DISCONNECT MEANS WITH APPROPRIATE FUSES. ALL CONNECTIONS TO VIBRATING EQUIPMENT SHALL UTILIZE FLEXIBLE METAL CONDUIT. USE LIQUID-TIGHT FLEXIBLE CONDUIT IN WET AREAS.

ALL EQUIPMENT RATED 100 AMPS OR LESS SHALL BE PROVIDED WITH TERMINATIONS LISTED FOR USE AT 75° C OR PROVIDE WIRING SIZED USING THE 60°C AMPACITY RATING.

ALL CONDUCTORS SHALL BE TYPE THHN OR THWN, 600V, COPPER, MINIMUM NUMBER 12 AWG UNLESS NOTED OTHERWISE. COLOR CODE CONDUCTORS TO IDENTIFY DIFFERENT PHASES, NEUTRAL AND GROUND.

ALL CONDUCTORS SHALL BE RUN IN CONDUIT. CONDUIT NOT EXPOSED TO WEATHER SHALL BE ELECTRICAL METALLIC TUBING (EMT). CONDUIT EXPOSED TO WEATHER SHALL BE RIGID METAL WITH THREADED FITTINGS OR SCH 40-PVC WHERE NOT EXPOSED TO PHYSICAL DAMAGE. CONDUIT RUN UNDER SLAB MAY BE PVC WITH GROUND WIRE. MC OR SE CABLE CAN BE USED CONCEALED AS PERMITTED BY NEC IN LIEU OF CONDUIT SHOWN ON THE PRINTS. ALL EMPTY CONDUIT RUNS SHALL BE PROVIDED WITH A PULL WIRE/CORD. MINIMUM CONDUIT SIZE ALLOWED IS 3/4".

THE TOTAL NUMBER OF CONDUCTORS MAY NOT BE INDICATED FOR ALL CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUCTORS NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM AND PER THE NEC.

TOGGLE SWITCHES SHALL BE RATED 20 AMPS, 120/277 VOLTS. DUPLEX RECEPTACLES SHALL BE RATED 20 AMPS, 125V GROUNDING TYPE. USE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DEVICES IN WET AREAS AND WITHIN 72" OF WET AREAS AND AS NOTED ON DRAWINGS.

ALL OUTLET AND JUNCTION BOXES SHALL BE SECURELY MOUNTED AND PROVIDED WITH COVERPLATES. USE WEATHER PROTECTED PLATES IN WET AREAS.

ALL SWITCHES, DEVICES, AND COVERPLATES SHALL BE WHITE. PROVIDE CLEAR LABEL WITH BLACK WRITING ON EACH FACEPLATE INDICATING THE CIRCUIT ID.

GROUNDING SHALL BE IN ACCORDANCE WITH NEC ARTICLE 250. THE FAULT CURRENT PATH SHALL BE PERMANENT AND ELECTRICALLY CONTINUOUS. ALL MC CABLE SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR.

IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE SERVICE REQUIREMENTS FOR POWER AND TELEPHONE UTILITIES. CONSULT PLANS OF ALL OTHER TRADES FOR COORDINATION AND RELATED AND ADJOINING WORK.

ELECTRICAL PLANS ARE DIAGRAMMATIC. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

THE CONTRACTOR SHALL GUARANTEE HIS WORK AND MATERIALS FOR A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE BY OWNER.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION
A	2' X 4' RECESSED LED FLAT PANEL FIXTURE. 5,000 LUMENS (ADJUSTABLE), LED, 4000°K (ADJUSTABLE), 120V, 39W.
B	2' X 4' RECESSED LED FLAT PANEL FIXTURE. 3,000 LUMENS (ADJUSTABLE), LED, 4000°K (ADJUSTABLE), 120V, 24W.
C	6" DIAMETER RECESSED DOWNLIGHTING FIXTURE. 900 LUMENS (ADJUSTABLE), LED, 4000°K (ADJUSTABLE), 120V, 13W.
D	DECORATIVE PENDANT LED FIXTURE SELECTED BY OWNER. 3,800 LUMENS, LED, 4000°K, 120V, 30W MAX.
E	DECORATIVE PENDANT LED FIXTURE SELECTED BY OWNER. 1,800 LUMENS, LED, 4000°K, 120V, 15W MAX.
F	DECORATIVE PENDANT LED FIXTURE SELECTED BY OWNER. 5,000 LUMENS, LED, 4000°K, 120V, 39W MAX.
G	DECORATIVE PENDANT LED FIXTURE SELECTED BY OWNER. 3,800 LUMENS, LED, 4000°K, 120V, 30W MAX.
H	4' LONG SURFACE MOUNTED LED STRIP FIXTURE WITH ACRYLIC PRISMATIC LENS. 4,000 LUMENS (ADJUSTABLE), LED, 4000°K (ADJUSTABLE), 120V, 30W.
J	6" DIAMETER SURFACE MOUNTED DOWNLIGHTING FIXTURE. 2,700 LUMENS (ADJUSTABLE), LED, 4000°K (ADJUSTABLE), 120V, 18W.
K	6" DIAMETER SURFACE MOUNTED DOWNLIGHTING FIXTURE. 2,700 LUMENS (ADJUSTABLE), LED, 4000°K (ADJUSTABLE), 120V, 18W.
XA	COMBINATION EMERGENCY LIGHTING UNIT AND EXIT SIGN. INCLUDES EXTRA STENCIL FACE. 90 MINUTE MINIMUM BATTERY BACK UP. 120V.
XB	SELF-CONTAINED EMERGENCY LIGHTING UNIT. 90 MINUTE MINIMUM BATTERY BACK UP. 120V.
XC	EXTERIOR EMERGENCY LIGHTING UNIT. 90 MINUTE MINIMUM BATTERY BACK UP. 120V. WET LOCATION LABEL.

NOTES:
 1. ALL DRIVERS SHALL BE ELECTRONIC (10STHD).
 2. ALL LAMPS SHALL BE ENERGY EFFICIENT WHERE AVAILABLE FOR EACH FIXTURE.
 3. ALL EGRESS LIGHTING TO BE SUPPLIED WITH A MINIMUM OF TWO LAMPS AND CONNECTED TO UNSWITCHED LEG OF LOCAL LIGHTING CIRCUIT.
 4. ALL EXTERIOR FIXTURES SHALL BE PROVIDED WITH LABELLING SUITABLE FOR EITHER WET OR DAMP LOCATION AS DETERMINED BY LOCATION.
 5. FINISH COLOR OF ALL EXTERIOR FIXTURES TO BE SELECTED BY OWNER AND/OR ARCHITECT.
 6. ALL LIGHTING FIXTURES IN ALL FOOD PREPARATION AREAS SHALL BE EQUIPPED WITH LENSES.

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

METHOD OF COMPLIANCE

ENERGY CODE PRESCRIPTIVE PERFORMANCE
 ASHRAE 90.1 PRESCRIPTIVE PERFORMANCE

LIGHTING SCHEDULE (EACH FIXTURE TYPE)
 LAMP TYPE REQUIRED IN FIXTURE
 NUMBER OF LAMPS IN FIXTURE
 BALLAST TYPE USED IN FIXTURE
 NUMBER OF BALLASTS IN FIXTURE
 TOTAL WATTAGE OF FIXTURE
 TOTAL INTERIOR WATTAGE SPECIFIED (0.89 W/SF) VS ALLOWED (1.01 W/SF)
 TOTAL EXTERIOR WATTAGE SPECIFIED (1.760W) VS ALLOWED (2.771.7W)

ADDITIONAL PRESCRIPTIVE COMPLIANCE

406.2 MORE EFFICIENT HVAC EQUIPMENT
 406.3 REDUCED LIGHTING POWER DENSITY
 406.4 ENHANCED LIGHTING CONTROLS
 406.5 ON-SITE SUPPLY OF RENEWABLE ENERGY
 406.6 PROVISION OF AN OUTDOOR AIR SYSTEM
 406.7 HIGH-EFFICIENCY SERVICE WATER HEATING

ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A	AMPERE	MFS	MAXIMUM FUSE SIZE
AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUGS ONLY
C	CONDUIT	MOCF	MAXIMUM OVERCURRENT PROTECTION
CB	CIRCUIT BREAKER	P	POLE
E	EXISTING TO REMAIN	RL	EXISTING RELOCATED
GND	GROUND	V	VOLT
KW	KILOWATT	WP	WEATHER PROOF
KVA	KILOVOLT-AMPERE	W	WATT
MCB	MAIN CIRCUIT BREAKER	X	EXISTING TO BE REMOVED
MCA	MINIMUM CIRCUIT AMPERES		

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650 WEST ROOSEVELT BLVD.
 MONROE, NC 28110

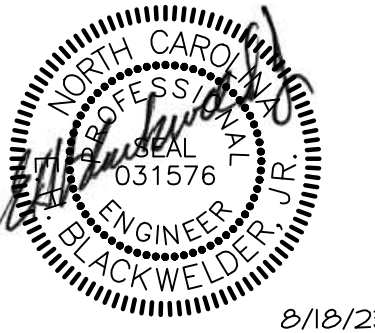
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PROJECT NO.:	-	
CAD DWG FILE:	-	
DRAWN BY:	EHB	
CHECKED BY:	EHB	

SHEET TITLE

ELECTRICAL SCHEDULES, NOTES, AND DETAILS

E1.0

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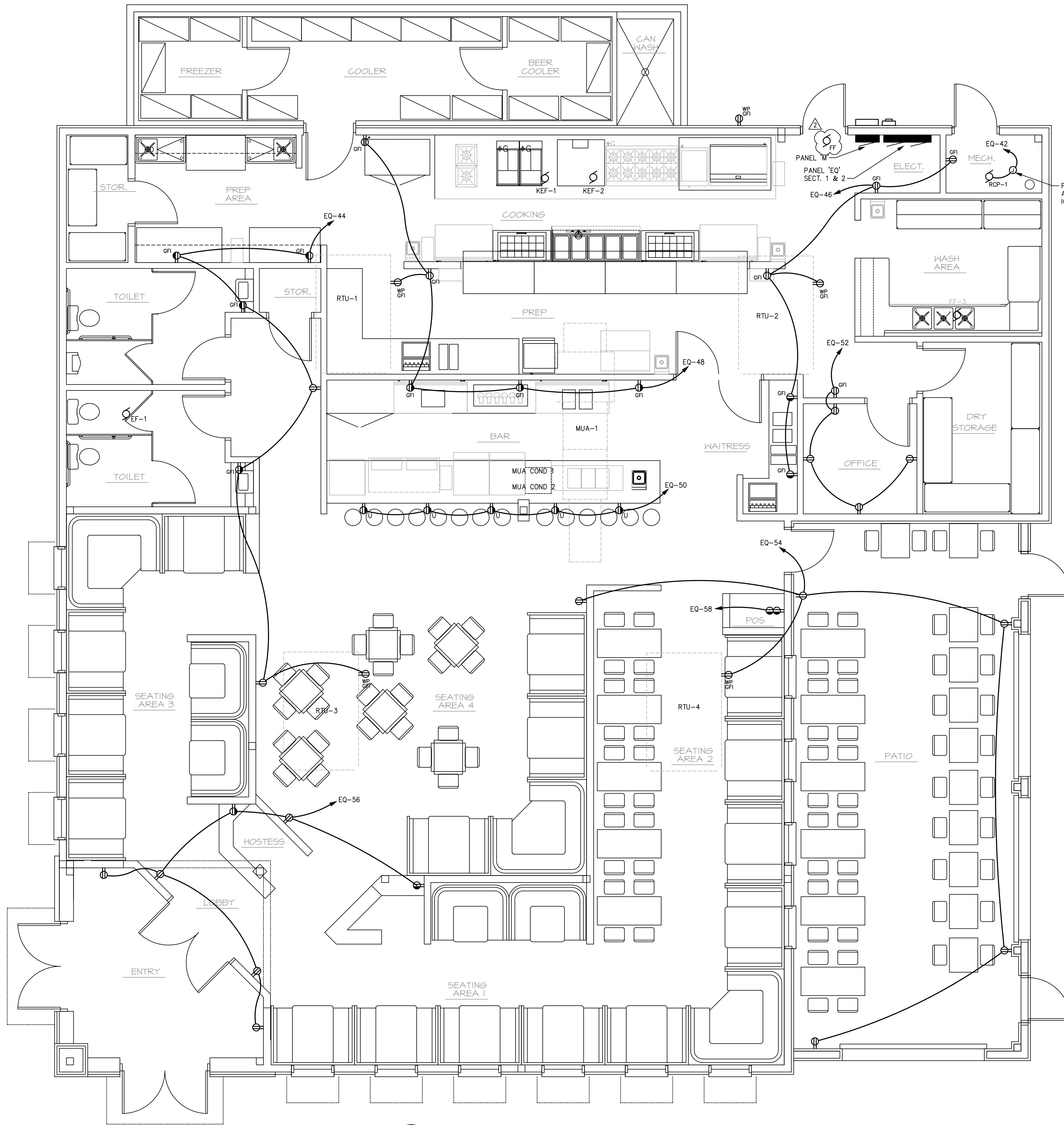
650 WEST ROOSEVELT BLVD.
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EQUIPMENT CONNECTIONS

DESCRIPTION	LOAD	MOCP	VOLTS/Ø	DISCONNECTING MEANS	WIRE/CONDUIT	CIRCUIT
EF-1	52.4W	15A	120/1	INTEGRAL PLUG	2#12, 1#12 GND., ¾"C.	(NOTE 2)
EF-3	¼ HP	15A	120/1	MOT. RATED TOGGLE	2#12, 1#12 GND., ¾"C.	EQ-41
KEF-1 <15>	2 HP	15A	208/3	3P/30A/208V/3R	3#12, 1#12 GND., ¾"C.	EQ-2,4,6
KEF-2 <15>	2 HP	15A	208/3	3P/30A/208V/3R	3#12, 1#12 GND., ¾"C.	EQ-36,38,40
MUA-1 <18>	3 HP	20A	208/3	3P/30A/208V/3R	3#12, 1#12 GND., ¾"C.	EQ-8,10,12
MUA COND 1	17.4A	30A	208/3	3P/30A/208V/3R	3#10, 1#10 GND., ¾"C.	M-14,16,18
MUA COND 2	17.4A	30A	208/3	3P/30A/208V/3R	3#10, 1#10 GND., ¾"C.	M-20,22,24
RTU-1	48.0A	60A	208/3	3P/60A/208V/3R	3#6, 1#10 GND., 1"C.	M-1,3,5
RTU-2	48.0A	60A	208/3	3P/60A/208V/3R	3#6, 1#10 GND., 1"C.	M-2,4,6
RTU-3	48.0A	60A	208/3	3P/60A/208V/3R	3#6, 1#10 GND., 1"C.	M-7,9,11
RTU-4	48.0A	60A	208/3	3P/60A/208V/3R	3#6, 1#10 GND., 1"C.	M-8,10,12
FF-1	2.3A	15A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-72

NOTES:

- CONTRACTOR SHALL VERIFY FINAL ELECTRICAL CHARACTERISTICS OF ALL EQUIPMENT PRIOR TO ANY INSTALLATION. PROVIDE CIRCUIT, WIRING, OVERCURRENT PROTECTION, ETC. PER UNIT NAMEPLATE.
- CONNECT TO LOCAL LIGHTING CIRCUIT AS REQUIRED.



1 FLOOR PLAN - POWER
SCALE: 1/4" = 1'-0"

MARK	DATE	DESCRIPTION
2	8/18/23	ADDED FLY FAN
1	7/21/23	OWNER CHANGES

ISSUE: 8/25/22
PROJECT NO: -
CAD DWG FILE: -
DRAWN BY: EHB
CHECKED BY: EHB

SHEET TITLE
**FLOOR PLAN
POWER**

E2.0

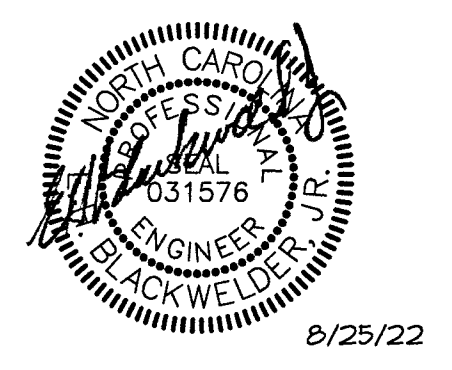
Reviewed for Code Compliance
 City of Monroe Building Standards
 This project owner is responsible for compliance
 with all applicable Local, State and Federal laws.
 This information does not constitute a contract of any
 kind.
 Plans Exempt Date: 04/02/2022

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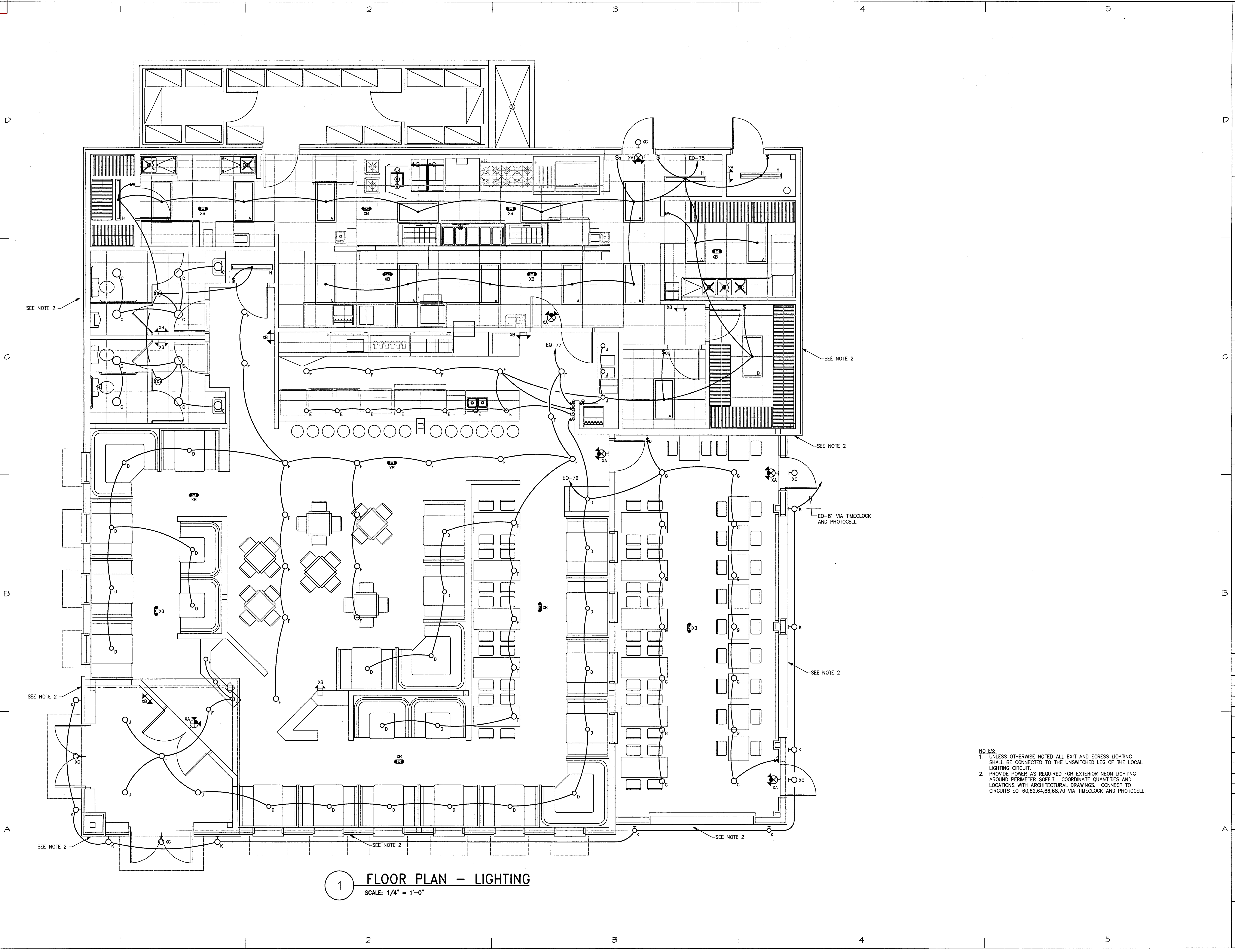
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- NOTES:**
- UNLESS OTHERWISE NOTED ALL EXIT AND EGRESS LIGHTING SHALL BE CONNECTED TO THE UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
 - PROVIDE POWER AS REQUIRED FOR EXTERIOR NEON LIGHTING AROUND PERIMETER SOFFIT. COORDINATE QUANTITIES AND LOCATIONS WITH ARCHITECTURAL DRAWINGS. CONNECT TO CIRCUITS EQ-60,62,64,66,68,70 VIA TIMECLOCK AND PHOTOCELL.

1 FLOOR PLAN - LIGHTING
 SCALE: 1/4" = 1'-0"

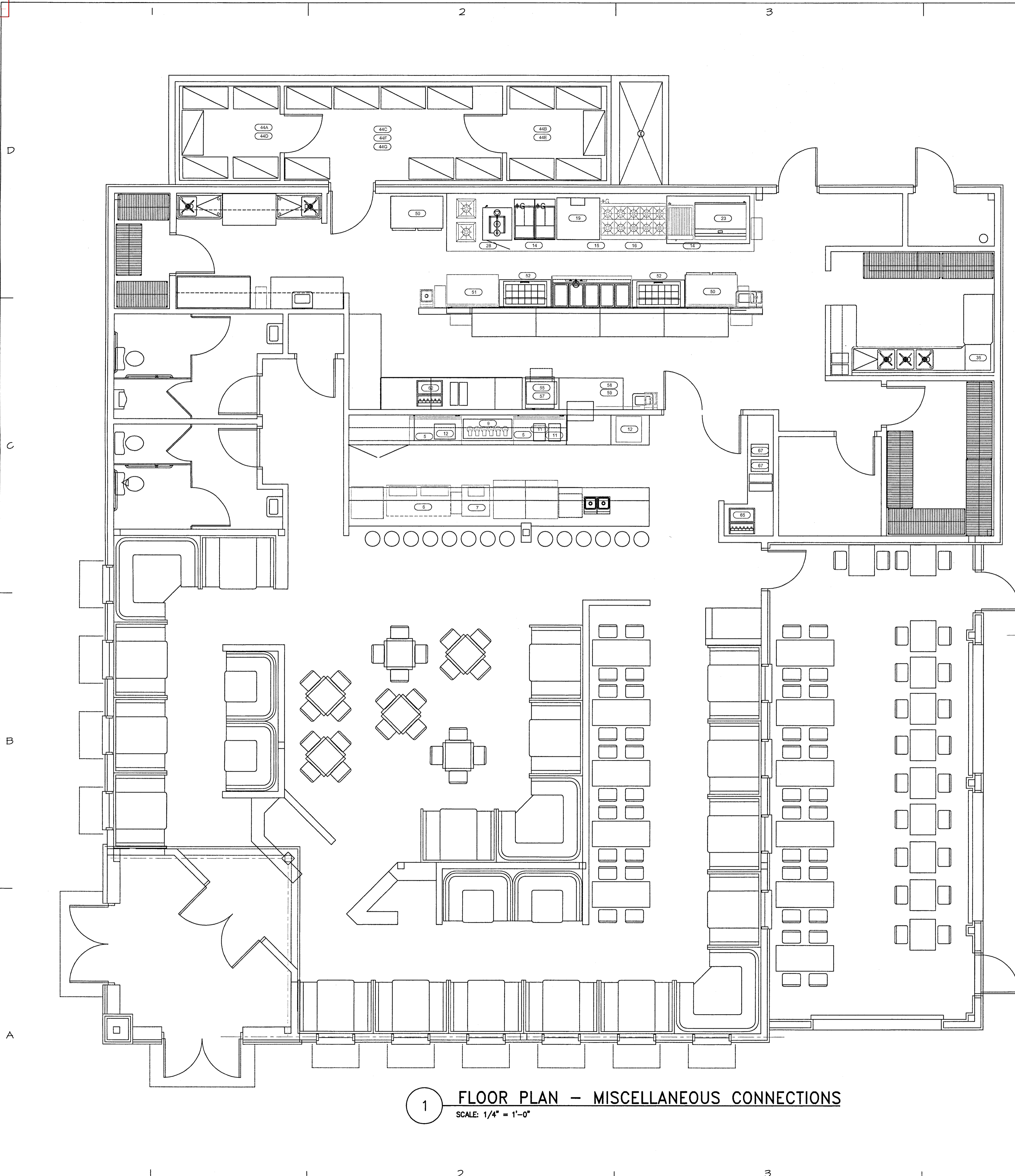
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SHEET TITLE

**FLOOR PLAN
 LIGHTING**

E3.0

Reviewed for Code Compliance
 City of Monroe Building Standards
 This project owner is responsible for compliance
 with all applicable Local, State and Federal Laws.
 This authorization does not constitute a warranty of any
 kind.
 Plans Examined: Date: 04/02/2023



EQUIPMENT CONNECTIONS
BAR EQUIPMENT

UNIT	QUANTITY	DESCRIPTION	LOAD	VOLTS/Ø	DISCONNECTING MEANS	WIRE/CONDUIT	CIRCUIT
5	2	BACK BAR COOLER	4.5A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-1; EQ-3
6	1	BEER BOTTLE COOLER	7.0A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-5
7	1	GLASS FROSTER	2.4A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-7
9	1	CUSTOM BEER TAP	25.0A	208/1	MOT. RATED TOGGLE	2#10, 1#10 GND., ¾"C.	EQ-9,11
11	2	WATER DISPENSER	3.0A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-13; EQ-15
12	1	ORANGE JUICER	1.0KW	120/1	MOT. RATED TOGGLE	2#12, 1#12 GND., ¾"C.	EQ-17

KITCHEN EQUIPMENT

14	2	HOOD LIGHTS	3.0A	120/1	INTEGRAL SWITCH	2#12, 1#12 GND., ¾"C.	EQ-19; EQ-23
15	2	HOOD EXHAUST FAN (KEF-1, KEF-2)	2 HP	208/3	3P/30A/208V/3Ø	3#12, 1#12 GND., ¾"C.	EQ-2,4,6; EQ-36,38,40
16	1	HOOD MAKEUP AIR FAN (MUA-1)	3 HP	208/3	3P/30A/208V/3Ø	2#12, 1#12 GND., 1"C.	EQ-8,10,12
19	1	DOUBLE STACK CONVECTION OVEN	9.0A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-27
23	1	REFRIGERATED CHEF'S BASE	6.0A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-31
28	1	WORKTOP FREEZER	2.3A	120/1	5-50R RECEPTACLE	2#8, 1#10 GND., 1"C.	EQ-35
35	1	DISHWASHER	20.0A	120/1	5-30R RECEPTACLE	2#10, 1#10 GND., ¾"C.	EQ-39

EXTERIOR EQUIPMENT

44A	1	FREEZER CONDENSING UNIT	10.0A	208/1	2P/30A/208V/3Ø	2#12, 1#12 GND., ¾"C.	EQ-16,18
44B	1	BEER COOLER CONDENSING UNIT	10.0A	208/1	2P/30A/208V/3Ø	2#12, 1#12 GND., ¾"C.	EQ-20,22
44C	1	COOLER CONDENSING UNIT	20.0A	208/1	2P/30A/208V/3Ø	2#10, 1#10 GND., ¾"C.	EQ-24,26
44D	1	FREEZER EVAPORATOR UNIT	9.0A	120/1	MOTOR RATED SWITCH	2#12, 1#12 GND., ¾"C.	EQ-28
44E	1	BEER COOLER EVAPORATOR UNIT	6.0A	120/1	MOTOR RATED SWITCH	2#12, 1#12 GND., ¾"C.	EQ-30
44F	1	COOLER EVAPORATOR UNIT	2.3A	120/1	MOTOR RATED SWITCH	2#12, 1#12 GND., ¾"C.	EQ-32
44G	1	COOLER/FREEZER LIGHTING	7.0A	120/1	INTEGRAL SWITCH	2#12, 1#12 GND., ¾"C.	EQ-34

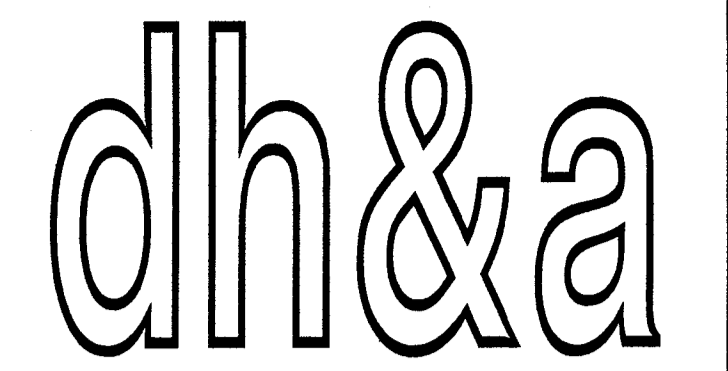
PRODUCTION EQUIPMENT

50	2	WORKTOP COOLER	2.2A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-43; EQ-71
51	1	WORKTOP FREEZER	7.0A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-45
52	2	SANDWICH TABLE	2.2A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-47; EQ-49
55	1	CHIP WARMER	12.5A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-51
57	1	WORKTOP COOLER	2.0A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-53
58	1	ICE MACHINE	9.5A	208/1	6-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-55,57
59	1	ICE MACHINE	9.5A	208/1	6-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-59,61
62	1	FOUNTAIN DRINK DISPENSER	15A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-63

WAIT STATION EQUIPMENT

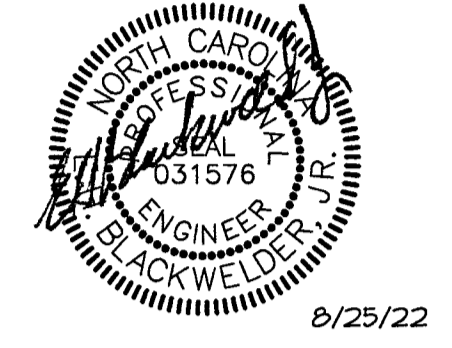
65	1	FOUNTAIN DRINK DISPENSER	15.0A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-65
67	2	FLAVORED WATER DISPENSER	3.0A	120/1	5-20R RECEPTACLE	2#12, 1#12 GND., ¾"C.	EQ-67; EQ-69

NOTES:
 1. UNLESS OTHERWISE NOTED, ALL EXISTING DEVICES, CONDUIT, WIRING, ETC. TO REMAIN. EXISTING PANEL TO REMAIN. SEE PANEL SCHEDULE FOR UPDATES.



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RESTAURANT AY CARAMBA !

650 WEST ROOSEVELT BLVD.
 MONROE, NC 28110

MARK	DATE	DESCRIPTION
ISSUE:	8/25/22	
PROJECT NO.:	-	
CAD DWG FILE:	-	
DRAWN BY:	EHB	
CHECKED BY:	EHB	

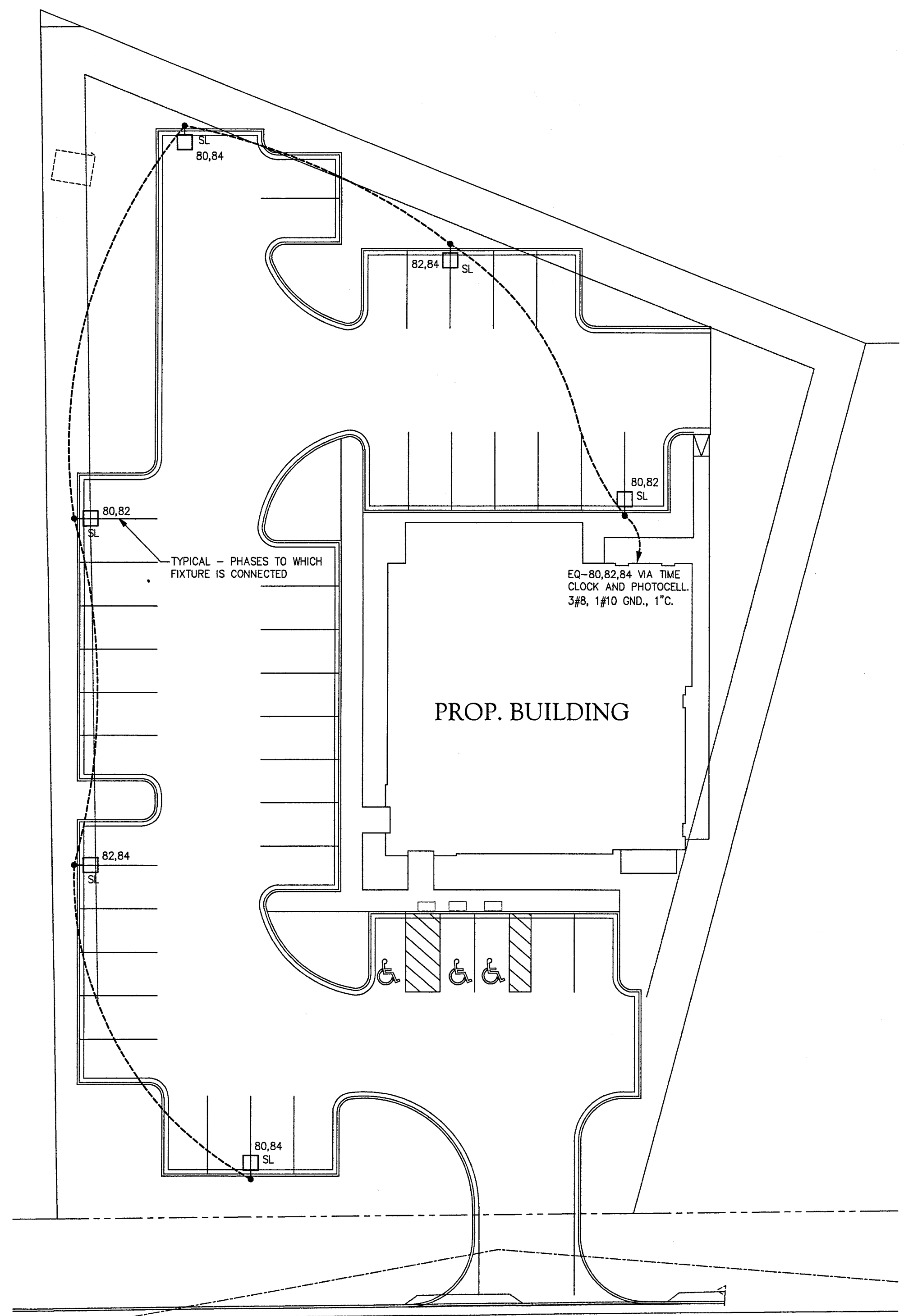
SHEET TITLE

**FLOOR PLAN
 MISC. CONNECTIONS**

E4.0

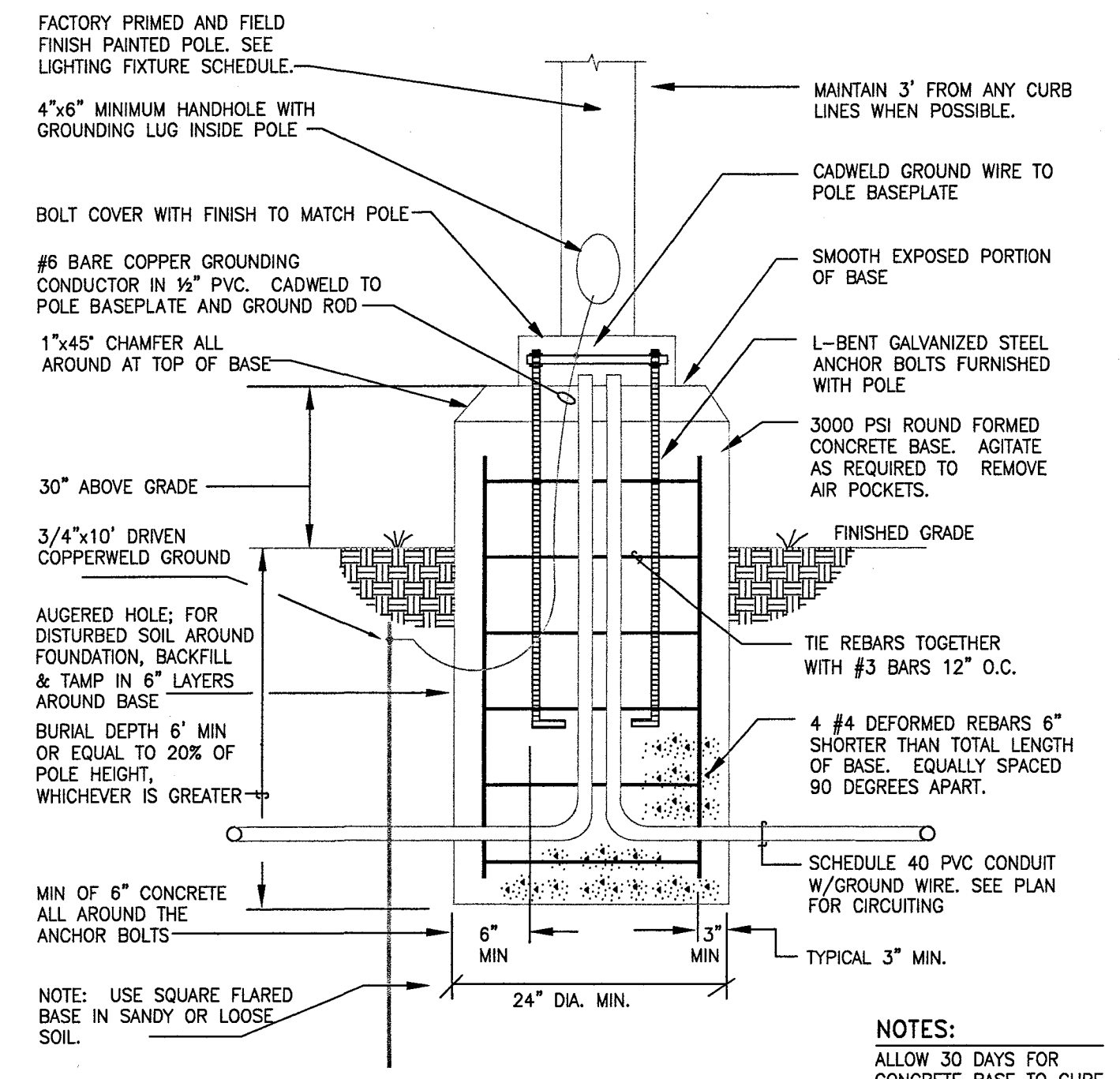
1 FLOOR PLAN - MISCELLANEOUS CONNECTIONS
 SCALE: 1/4" = 1'-0"

SITE LIGHTING FIXTURE SCHEDULE						
SYMBOL & TYPE	MANUFACTURER & CATALOG NUMBER	DESCRIPTION	LAMP TYPE & QUANTITY	VOLTS/BALLAST	MOUNTING	INPUT WATTS
SL	RAB LIGHTING #WPLED4T260N/208	AREA LIGHT FIXTURE, FLAT LENS, CUT-OFF, TYPE III DISTRIBUTION, DARK BRONZE FINISH 20"-0" SQUARE STRAIGHT STEEL POLE, DARK BRONZE FINISH RATED FOR 100MPH WITH 1.3 GUST FACTOR. SUITABLE FOR WET LOCATION.	LED 4000K, 30,900 LUMENS	208V	POLE ARM-MOUNT	260



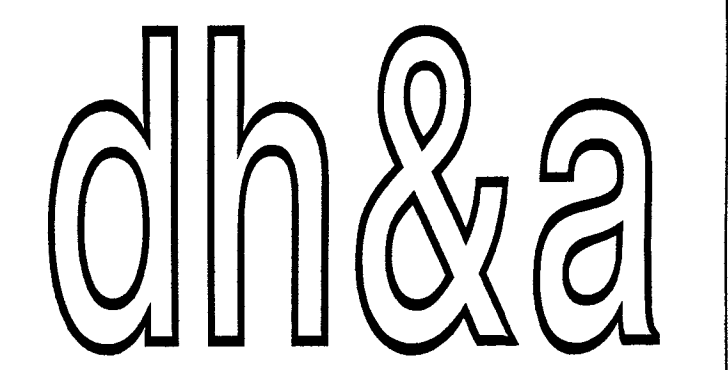
1 SITE PLAN - ELECTRICAL
 SCALE: 1" = 20'

- NOTES:
1. CONNECTION FOR SIGNAGE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ANY INSTALLATION.
 2. 2-4" TELEPHONE CONDUIT. COORDINATE THE ROUTING AND TERMINATION OF THESE CONDUITS WITH THE UTILITY COMPANIES AND WITH THE SITE CONTRACTOR. CAP AND SEAL CONDUIT AT BOTH ENDS.
 3. CONNECTION FOR BACKFLOW PREVENTOR HEAT. COORDINATE EXACT LOCATIONS AND REQUIREMENTS PRIOR TO ANY INSTALLATION.



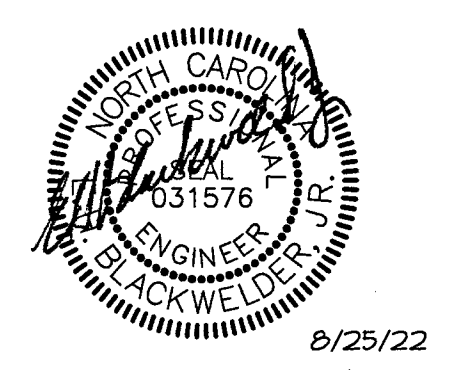
2 POLE BASE DETAIL
 NOT TO SCALE

- NOTES:
- ALLOW 30 DAYS FOR CONCRETE BASE TO CURE BEFORE INSTALLING POLE
 - ENTIRE LIGHTING FIXTURE/POLE ASSEMBLY AND CONCRETE FOUNDATION SHALL WITHSTAND A WIND LOAD OF 100 MPH AND A GUST FACTOR OF 1.3



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SITE PLAN ELECTRICAL

E6.0