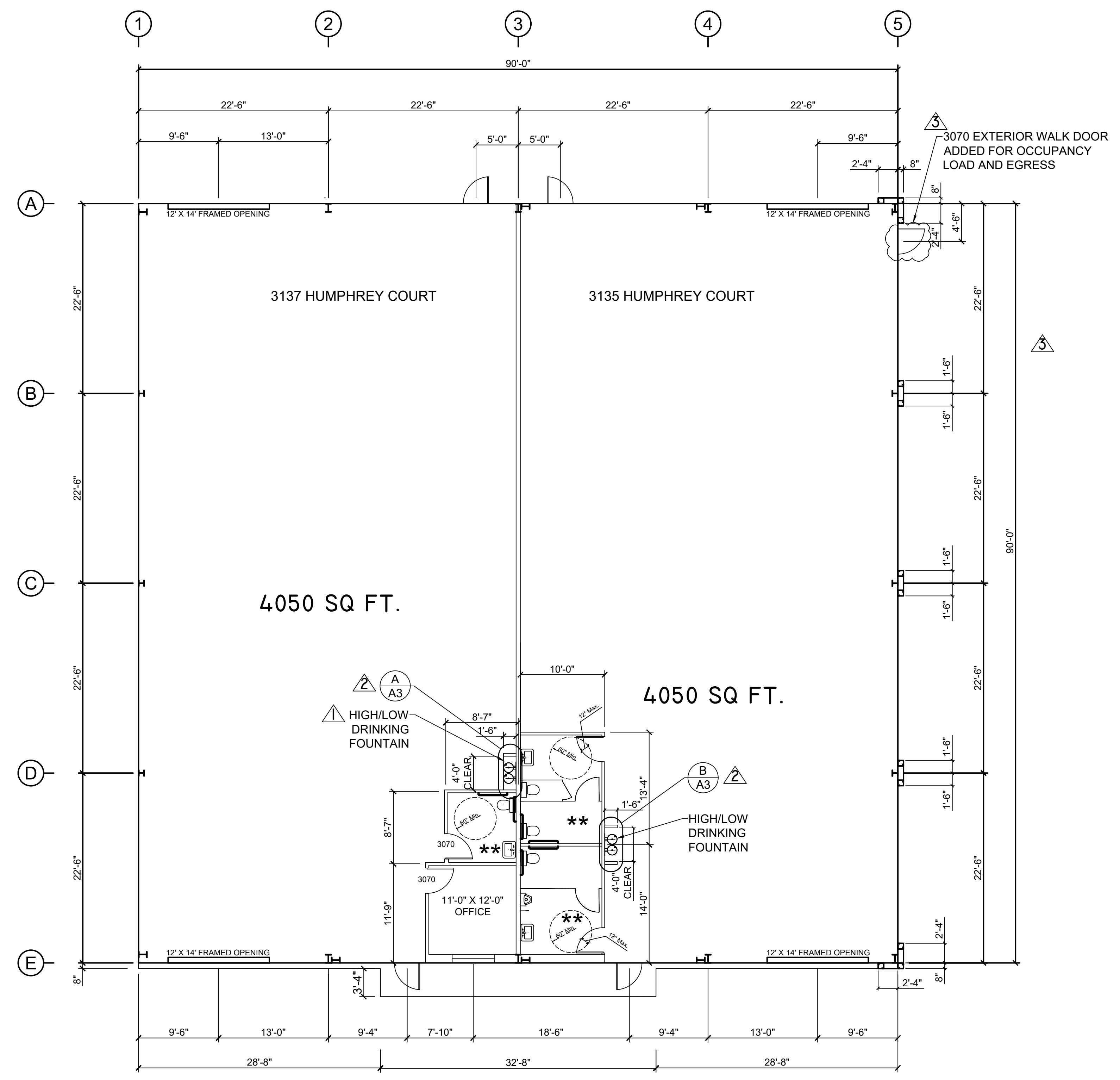


REVISIONS	BY
△	SR
△ AS-BUILTS	SR

\*\* PROVIDE: NUTONE QT80 90 CFM CEILING EXHAUST FAN OR EQUIVALENT WITH A 4" EXHAUST DUCTING TO ROOF; USE DEKTITE ROOF BOOT.



**FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

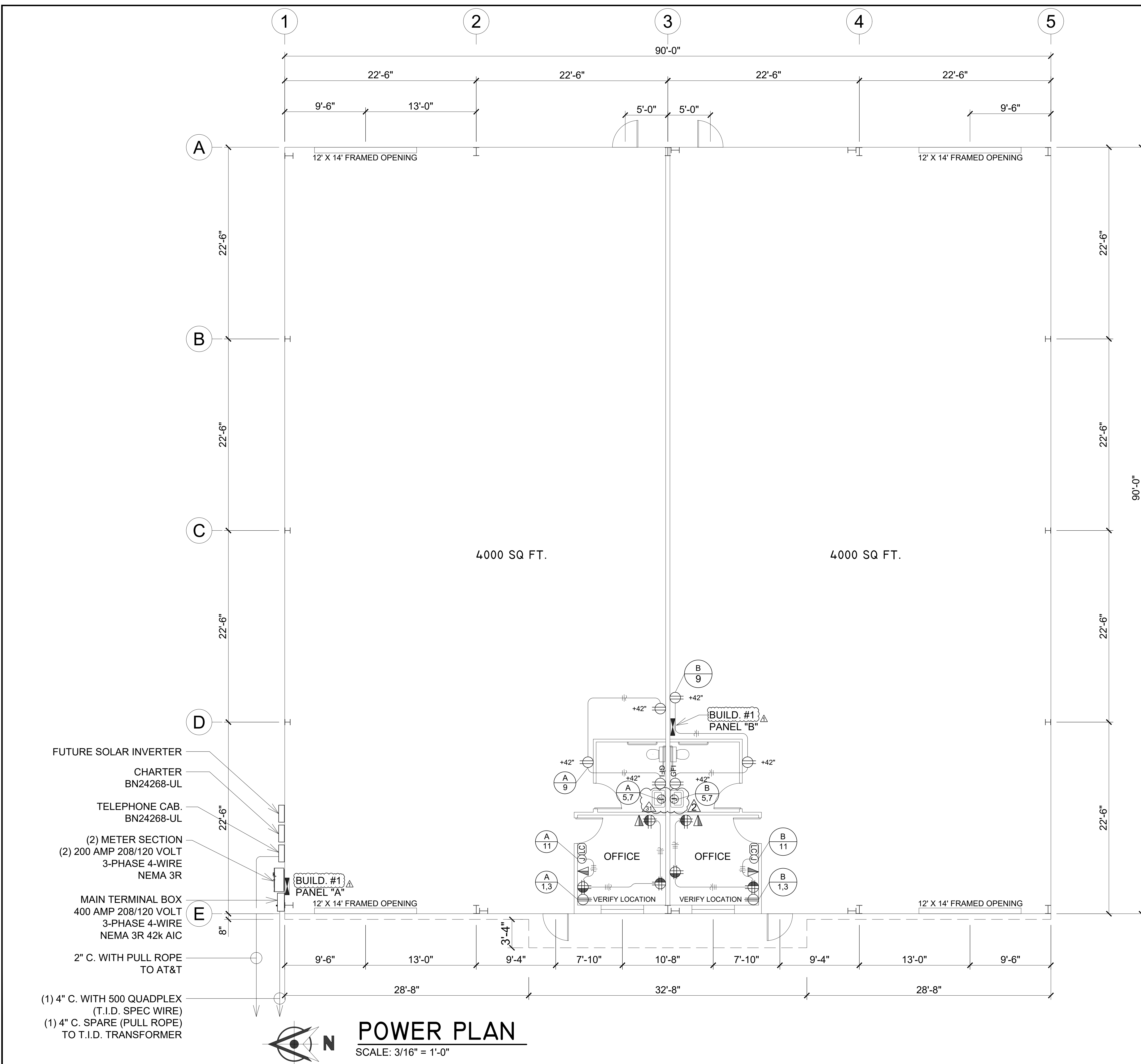
AS-BUILT DRAWING CHANGES:  
3135 HUMPHREY COURT OCCUPANCY CHANGED TO A-3  
OFFICE REMOVED  
BATHROOM ADDED  
APPROVED BATHROOM EXPANDED  
EGRESS DOOR ADDED TO SOUTH EAST CORNER

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**AZOREAN CAPITAL HOLDINGS BLDG 1**  
**3135-3137 Humphrey Court, Turlock CA**  
BUILDING 1  
CONTRACTOR: Jim Fernandes Construction, Inc.

DATE	03/01/2022
DRAWN	SR
SCALE	1/8"=1'-0"
JOB #	
TITLE	FLOOR PLAN

SHEET  
**A-1**



**ELECTRICAL SPECIFICATIONS**

- ALL ELECTRICAL WILL MEET C.E.C. 2019 AND TITLE 24 STANDARDS
- ALL MAIN WIRE FEEDERS TO BE THHN / THWN COPPER U.O.N.
- MINIMUM BRANCH CIRCUIT WIRING TO BE #12 AWG THHN / THWN.
- MINIMUM EMT, ENT CONDUIT / STEEL FLEX WILL BE 1/2" OR LARGER. MC CABLE MAY BE USED WHERE PERMITTED BY LOCAL CODES.
- WIRE #12 AWG THHN / THWN TO BE COPPER ONLY.
- FEEDER SIZE #4 - 250 MCM TO BE COPPER U.O.N.
- ALL BRANCH FEEDERS TO BE EMT OR PVC SCHEDULE 40.
- ALL TELEPHONE MAIN FEEDERS, BRANCH FEEDERS TO BE PVC SCHEDULE 40 TO PACIFIC TELEPHONE SPECIFICATIONS.
- FUSED DISCONNECTS TO HAVE TIME DELAY FUSES "FRN" "FRS" TYPE, AND HAVE EXTERNAL OPERATED HANDLE, COMMERCIAL GRADE ONLY.
- ALL GROUNDING TO SWITCHBOARDS, PANELS, ETC. TO MEET C.E.C. AND TITLE 24 STANDARDS PER C.E.C. ART. 250.
- MAXIMUM NUMBER OF CONDUCTORS IN EMT, PVC, FLEX WILL NOT EXCEED ALLOWABLE PER C.E.C. ART. 300-17.
- EMT, ENT STEEL OR ALUMINUM FLEX, SEALTITE WILL BE FOR ALL WIRING METHODS.
- MINIMUM WORK CLEARANCE WILL BE PER C.E.C. 110-26 AT ALL SWITCHGEAR, LOAD CENTERS, UTILITY TRANSFORMERS, ETC.
- MAXIMUM NUMBER OF OUTLETS (6) WITH MINIMUM #12 AWG AND 20 AMP SINGLE POLE CIRCUIT BREAKERS PER C.E.C. ART. 220-3.
- ALL OUTLETS EXPOSED TO EXTERIOR OR WET LOCATIONS WILL BE WEATHERPROOF TYPE MANUFACTURED BY BELL OR EQUAL.
- ALL SWITCHGEAR, LOAD CENTERS, DISCONNECTS, ETC. TO BE MANUFACTURED BY SQUARE D OR EQUAL.
- NO 1/2 SPACE CIRCUIT BREAKERS WILL BE USED.
- ALL LIGHT FIXTURES WILL BE COMMERCIAL TYPE WITH "UL LISTING" LABELS ON ALL.
- ALL CIRCUITS TO BE THHN COPPER WIRE, SIZED PER CEC 310.16 AND 430-52 FOR MOTOR LOADS.
 

20 AMP	#12 THHN
30 AMP	#10 THHN
40-50 AMP	#8 THHN
60-70 AMP	#6 THHN
90-100 AMP	#2 THHN
- EQUIPMENT MUST BE RATED AND LABELED FOR 75-DEG. TO ALLOW OF THE 75-DEG. TABLE, OTHERWISE ALL WIRE SIZES UP TO #1 MUST BE SIZED BASED THE 60-DEG., AND LARGER THAN #1 IS BASED ON THE 75-DEG. TABLE.
- MOTOR DISCONNECTING MEANS C.E.C. 430-H.
- ALL UNDERGROUND CONDUITS SHALL BE SEALED PER ART. 230-8.
- ALL EXTERIOR UNDERGROUND RACEWAYS SHALL BE INSTALLED PER TABLE 300-5
- ALL EQUIPMENT SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND PROPERLY LABELED.
- EXIT SIGNS TO HAVE BATTERY BACK-UP TO INSURE CONTINUED ILLUMINATION FOR AT LEAST 1.5 HOURS IN CASE OF PRIMARY POWER LOSS.
- ALL LIGHT FIXTURES INSTALLED IN WET LOCATIONS SHALL BE MARKED "SUITABLE FOR WET LOCATIONS" OR "SUITABLE FOR DAMP LOCATIONS"
- ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. (I.E. 48" MEASURED TO THE TOP OF THE BOX AND THE MINIMUM HEIGHT FOR RECEPTACLES IS 15" MEASURED TO THE BOTTOM OF THE BOX.) 11B-308.1.2 ELECTRICAL RECEPTACLE OUTLETS
- SWITCHBOARDS, PANEL BOARDS, INDUSTRIAL CONTROL PANELS, AND MOTOR CONTROL CENTERS THAT ARE IN OTHER THAN DWELLING OCCUPANCIES AND ARE LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRICAL ARC FLASH HAZARDS. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT. CEC ART. 110.16.
- RACEWAYS, CABLE ASSEMBLIES, BOXES, CABINETS, AND FITTINGS SHALL BE SECURELY FASTENED IN PLACE. SUPPORT WIRES THAT DO NOT PROVIDE SECURE SUPPORT SHALL NOT BE PERMITTED AS THE SOLE SUPPORT. SUPPORT WIRES AND ASSOCIATED FITTINGS THAT PROVIDE SECURE SUPPORT AND THAT ARE INSTALLED IN ADDITION TO THE CEILING GRID SUPPORT WIRES SHALL BE PERMITTED AS THE SOLE SUPPORT. WHERE INDEPENDENT SUPPORT WIRES ARE USED, THEY SHALL BE SECURED AT BOTH ENDS. CABLES AND RACEWAYS SHALL NOT BE SUPPORTED BY CEILING GRIDS. CEC ART. 300.11
- PANEL AND SWITCHBOARDS, ALL CIRCUITS SHALL BE IDENTIFIED BY MEANS OF PAINTING OR OTHER APPROVED METHODS.
- POINT OF USE WATER HEATERS UNDER LAVYS SHALL NOT ENCR OACH INTO THE REQUIRED CLEAR SPACES FOR KNEES, LEGS OR FEET. THIS INCLUDES WIRING, PIPING, OR THE UNITS THEMSELVES.

\*U.O.N. - UNLESS OTHERWISE NOTED.

LEGEND	
	DUPLEX RECEPT. (SEE NOTE #27 FOR HEIGHT REQ. U.O.N.)
	HALF SWITCHED DOUBLE DUPLEX RECEPT. (SEE NOTE #27 FOR HEIGHT REQ. U.O.N.)
	WEATHERPROOF RECEPT. / GFI (SEE NOTE #27 FOR HEIGHT REQ. U.O.N.)
	TELEPHONE / DATA OUTLET
	SINGLE POLE SWITCH (SEE NOTE #27 FOR HEIGHT REQ. U.O.N.)
	JUNCTION BOX
	PANEL NO. AND CIRCUIT I.D.
	CONDUIT RUN w/NO. CONDUCTORS AND GROUND WIRE
	CONDUIT RUN w/NO. CONDUCTORS, GROUND WIRE AND LOW VOLTAGE CABLE
	WIRELESS ROOM CONTROLLER
	WIRELESS FIXTURE CONTROLLER
	WIRELESS POWER LOAD CONTROLLER
	WIRELESS OCCUPANCY SENSOR
	WIRELESS PHOTOCELL
	WIRELESS SWITCH
	VACANCY SENSOR
	UTILITY COMPANY METERING AS REQUIRED
	GROUNDING COPPER CONDUCTOR
	MOLDED CASE CIRCUIT BREAKER AMPS / POLES
	UNDERGROUND
	PHOTOCELL
	SEE NOTE

**POWER PLAN**  
SCALE: 3/16" = 1'-0"

REVISIONS	BY
7-13-22 Plan Check #1	
7-13-22 ELECTRICAL CHANGE #1	

**ACME ELECTRIC CO.**  
COMMERCIAL  
1025 S. Kilroy Rd.  
Turlock, CA. 95380  
Lic. No. 449104 (209) 67-2851

Designed and Installed By:  
**Acme Electric Co.**  
1025 S. Kilroy Rd.  
Turlock, CA. 95380  
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CONTRACTOR: Jim Fernandes Construction, Inc.  
Humphrey Court, Turlock CA  
BUILDING 1

DATE	05/05/2021
DRAWN	SR
SCALE	3/16"=1'-0"
JOB #	
TITLE	POWER PLAN
SHEET	E-1