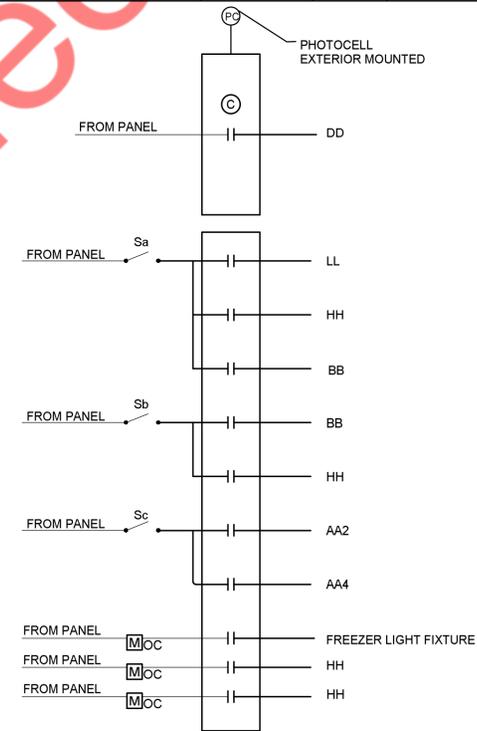


DESCRIPTION	FIXTURE TAG	CKT WATTS	CONTROL VIA	CIRCUIT #	RELAY #
WALL WASHER	DD	100	TC:1	TPA:2	1
2x4 CEILING, LAY-IN	LL	495	Sa	TPA:4	2
DINNING_RESTROOM	HH	110	Sa	TPA:4	3
2x2 CEILING, LAY-IN	BB	46	Sa	TPA:4	4
2x2 CEILING, LAY-IN	BB	231	Sb	TPA:6	5
DINNING_RESTROOM	HH	44	Sb	TPA:6	6
PENDANT	AA2	60	Sc	TPA:8	7
PENDANT	AA4	60	Sc	TPA:8	8
FIXTURES USED WALK-IN COOLER AND FREEZER AREAS		400	OCC SENSOR	TPA:8	9
DINNING_RESTROOM	HH	44	OCC SENSOR	TPA:6	10
DINNING_RESTROOM	HH	44	OCC SENSOR	TPA:12	11



ELECTRICAL LIGHTING PLAN KEYED WORK NOTES:

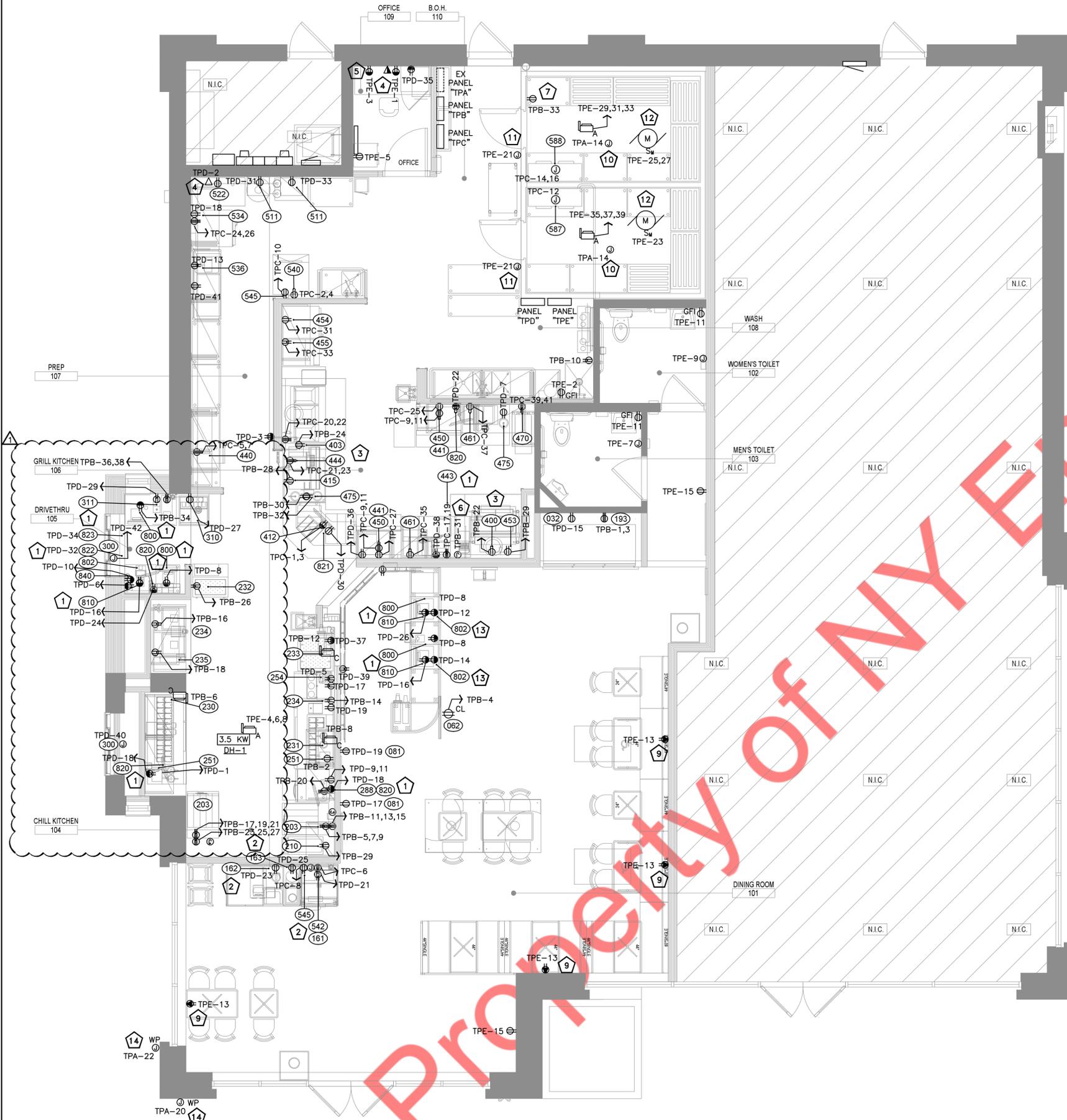
- 1 INSTALL SWITCH HEIGHT MOUNTED OCCUPANCY SENSOR, HUBBELL MODEL LHRS1, IN THE RESTROOM
- 2 COORDINATE FINAL LOCATION OF SWITCHES WITH ARCHITECT/OWNER.
- 3 WALK-IN COOLER/FREEZER LIGHTING PROVIDED BY WALK-IN MANUFACTURER, INSTALLED BY ELECTRICAL CONTRACTOR.
- 4 FIXTURES DENOTED "/EM" TO INCLUDE EMERGENCY BALLAST. BALLAST TO PROVIDE FULL OUTPUT. FIXTURES SHALL BE CONNECTED AHEAD OF ANY SWITCHES.
- 5 EXHAUST HOOD LIGHTING FIXTURE(S) PART OF HOOD PACKAGE, FINAL ELECTRICAL CONNECTION BY ELECTRICAL CONTRACTOR.

GENERAL NOTES:

- A. ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.
- B. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.
- C. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.
- D. THESE DRAWINGS, AS PREPARED, ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS AND REQUIRED CLEARANCES WITH EQUIPMENT SUPPLIER AND ALL TRADES PRIOR TO INSTALLATION.
- E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE EQUIPMENT INDICATED WITHIN THESE DRAWINGS UNLESS OTHERWISE NOTED. VERIFY LOCATION AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND / OR INSTALLATION.
- F. ALL ROOF PENETRATIONS SHALL BE AT THE CONTRACTOR'S EXPENSE. COORDINATE WITH OWNER'S ROOFING CONTRACTOR SO AS NOT TO VOID ANY EXISTING ROOF WARRANTIES.
- G. THE ENTIRE INSTALLATION SHALL BE GUARANTEED FREE OF DEFECTS AND CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO COST TO THE OWNER FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY ARCHITECT OR ENGINEER.
- H. ALL WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE ARCHITECT AND OWNER. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE OF PROPER NOTIFICATION DOES NOT RELIEVE THE CONTRACTOR. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.
- I. ALL EMERGENCY AND EXIT FIXTURES SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING. PROVIDE ADDITIONAL FIXTURES AS NEEDED TO MEET THE CODE REQUIREMENTS PER LOCAL REQUIREMENTS.
- J. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE LATEST KITCHEN PLANS AND EQUIPMENT CUTS SHEETS FOR PROPER EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS PRIOR TO STARTING WORK.

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





ELECTRICAL POWER PLAN KEYED WORK NOTES:

- 1 CASH REGISTER/VIDEO MONITOR SYSTEM: WIRING FOR CASH REGISTER/VIDEO MONITOR SYSTEM SHALL BE IN SEPARATE CONDUIT FROM OTHER SYSTEMS AND SHALL HAVE INSULATED/ISOLATED GROUND CONDUCTORS. RECEPTACLES SHALL BE NEMA 5-20R-G. E.C. SHALL VERIFY WITH OWNER/TENANT ALL WIRING RELATED TO CASH REGISTERS AND VIDEO MONITORS FOR ANY CHANGES OR ADDITIONS BASED ON ACTUAL UNITS USED.
- 2 E.C. TO MAKE FINAL CONNECTION TO COUNTER RECEPTACLES AFTER COUNTER INSTALLATION.
- 3 EQUIPMENT BENEATH HOODS SHALL HAVE SHUNT TRIP BREAKERS INTERLOCKED WITH FIRE EXTINGUISHING SYSTEM. E.C. TO PROVIDE 120V POWER FOR CONTROLS.
- 4 E.C. TO PROVIDE AN EMPTY BOX AND 1/2" CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE FOR PHONE SERVICE. COORDINATE WITH OWNER/TENANT ALL WIRING RELATED TO CASH REGISTERS AND VIDEO MONITORS FOR ANY CHANGES OR ADDITIONS BASED ON ACTUAL UNITS USED.
- 5 AT THIS LOCATION, E.C. TO PROVIDE PROPERLY SIZED SERVICES FOR THE FOLLOWING ITEMS: 120V/1PH - COMPUTER; 120V/1PH - MONITOR; 120V/1PH - PRINTER/FAX; 120V/1PH ADDING MACHINE; 120V/1PH - CONVENIENCE OUTLET; 120V/1PH WITH ISOLATED AND INSULATED GROUND FOR POS SYSTEM; JUNCTION BOX(ES) - TELEPHONE/DATA LINES; OPEN JUNCTION BOXES FOR STORE SECURITY SYSTEM; OPEN JUNCTION BOXES FOR STORE MUSIC/PAGING SYSTEM. COORDINATE WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
- 6 ANSUL SYSTEM: E.C. TO PROVIDE JUNCTION BOX AND (1) 20A CIRCUIT FOR ANSUL SYSTEM CONNECTION. VERIFY ALL REQUIREMENTS WITH OTHER TRADES BEFORE ROUGH-IN.
- 7 E.C. TO PROVIDE JUNCTION BOX, TOGGLE SWITCH, RECEPTACLE, AND HEAT TAPE FOR DRAIN LINE. COORDINATE LOCATION WITH PLUMBING CONTRACTOR.
- 8 MENU BOARD OUTLETS. COORDINATE EXACT LOCATION AND MOUNTING WITH ARCHITECT/OWNER.
- 9 USB RECEPTACLES, LEGRAND PASS & SEYMOUR FED SPEC TAMPER-RESISTANT SINGLE RECEPTACLE WITH USB CHARGING (TR5261USBI), 15 AMP/125V, NEMA 5-15R, WHITE UNIT WITH WHITE PLATE
- 10 WALK-IN LIGHTING PROVIDED BY WALK-IN MFG. INSTALLED BY ELECTRICAL CONTRACTOR, COORDINATE POWER REQUIREMENTS.
- 11 WALK-IN DOOR PANEL CONTROLS PROVIDED BY WALK-IN MFG. INSTALLED BY ELECTRICAL CONTRACTOR, COORDINATE POWER REQUIREMENTS.
- 12 ELECTRICAL CONTRACTOR SHALL REFER TO MANUFACTURER FOR WIRING DIAGRAM AND MORE INFORMATION ON WIRING CONTROLS PROVIDED BY MANUFACTURER. VERIFY EXACT POWER REQUIREMENTS.
- 13 ELECTRICAL OUTLET FOR CREDIT CARD READER (#802). E.C. SHALL CONFIRM EXACT POWER REQUIREMENTS WITH MANUFACTURER.
- 14 E.C. TO CONFIRM EXACT LOCATION OF THE EXTERIOR BUILDING SIGN AND EXACT POWER REQUIREMENTS.

ELECTRICAL GENERAL NOTES:

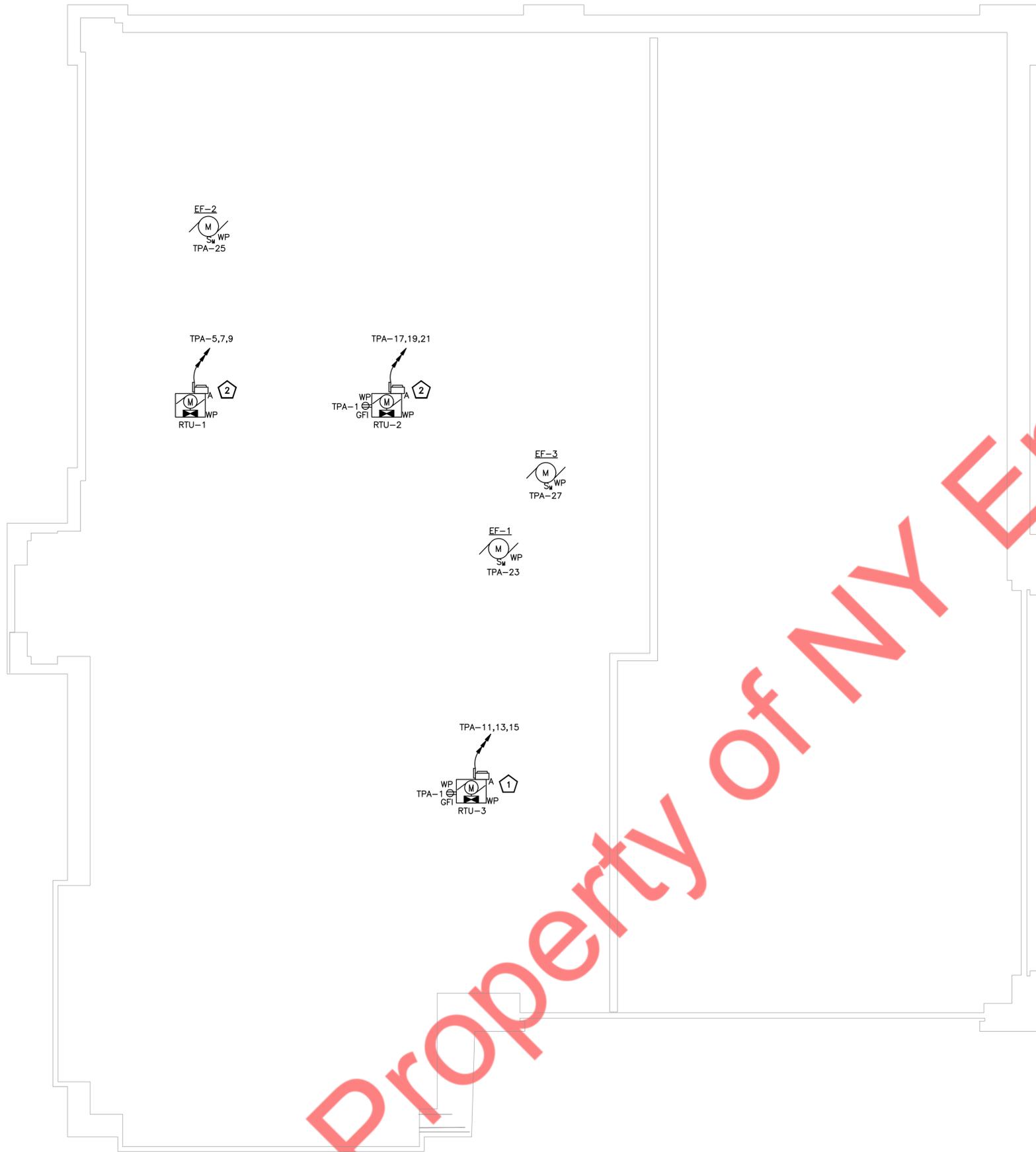
1. ALL EQUIPMENT SHALL BE WIRED TO PANEL AND CIRCUIT NUMBER SHOWN. PROVIDE ELECTRICAL CONDUIT TO PANEL IS PREFERRED, MC CABLE ONLY IF LOCAL CODES ALLOW.
2. ELECTRICAL CONTRACTOR SHALL PROVIDE ANY ADDITIONAL CONVENIENCE OUTLETS PER TENANT/OWNER, AT TENANT/OWNER'S EXPENSE.
3. ALL RECEPTACLES IN KITCHEN AND FOOD PREPARATION AREAS SHALL BE OF GFCI TYPE ACCORDING TO NEC 210.8(B)(3).
4. VERIFY LOCATIONS AND ELECTRICAL REQUIREMENTS OF ALL ROOF TOP EQUIPMENT BEFORE ROUGH-IN AND COORDINATE WORK WITH OTHER TRADES.

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



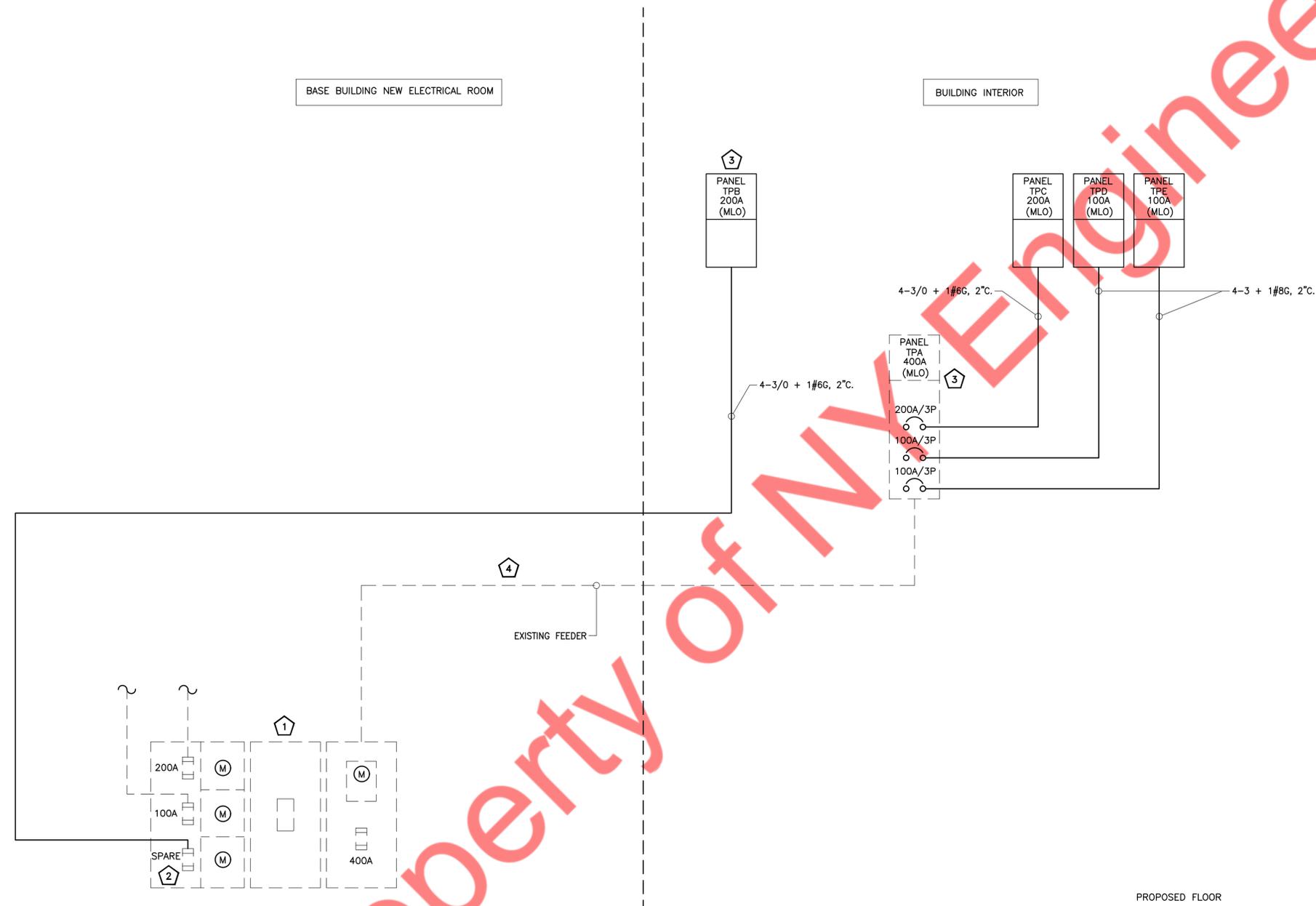
ELECTRICAL POWER PLAN KEYED WORK NOTES:

- ① NEW ROOFTOP UNIT RTU-3 (42 MCA-208V-3 PH): PROVIDE A 60A-3P UNFUSED DISCONNECT SWITCH MOUNTED ON/AT UNIT AS REQUIRED. COORDINATE FINAL LOCATION IN FIELD. WIRING SHALL BE 3#8, 1#10 (G), 3/4" C. TO THE 50A-3P CIRCUIT BREAKER INDICATED ON DRAWING.
- ② EXISTING ROOFTOP UNITS RTU-2 & RTU-3 (30 MCA-208V-3 PH): SHALL REMAIN CONNECTED TO THE EXISTING PANEL "TPA" TO THE CIRCUIT NUMBER AS INDICATED ON DRAWINGS. E.C. SHALL VERIFY EXACT SIZE AND OPERABLE CONDITION OF THE EXISTING BRANCH CIRCUIT AND DISCONNECT SWITCH.



1 PROPOSED ROOF ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"





- ELECTRICAL POWER PLAN KEYED WORK NOTES:**
- 1. EXISTING 800 AMPS, 120/208V, MAIN BREAKER, NEMA 1 RATED. E.C. TO CONFIRM EXACT LOCATION WITH OWNER/BASE BUILDING
 - 2. EXISTING 200 AMPS, 120/208V, 3-PHASE, 4-WIRE MAIN SPARE METER AND BREAKER SHALL BE USED FOR DAIRY QUEEN.
 - 3. EXISTING 400 AMPS, 120/208V, 3-PHASE, 4-WIRE ELECTRICAL PANEL FED FROM EXISTING 400 AMPS METER AND BREAKER AS SHOWN FOR DAIRY QUEEN SHALL REMAIN. E.C. SHALL VERIFY THE EXISTING FEEDER SIZE AND ITS OPERABLE CONDITION.
 - 4. EXISTING 400 AMPS, 120/208V, 3-PHASE, 4-WIRE ELECTRICAL SERVICE FOR DAIRY QUEEN SHALL REMAIN. E.C. SHALL VERIFY THE EXISTING FEEDER SIZE AND ITS OPERABLE CONDITION.
- ELECTRICAL RISER GENERAL NOTES:**
- 1. E.C. SHALL VERIFY FAULT CURRENT AVAILABLE WITH UTILITY COMPANY AND CALCULATE EXACT A.I.C. RATING REQUIRED.

ELECTRICAL RISER SYMBOLS

— []	NEW
- - []	EXISTING ITEM/FEEDER TO REMAIN
- - [X]	EXISTING ITEM/FEEDER TO BE DISCONNECTED & REMOVED

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