

SYMBOL	DESCRIPTION
(Symbol)	REFRIGERANT LIQUID LINE
(Symbol)	COOLANT PIPING
(Symbol)	CONDENSER
(Symbol)	EVAPORATOR
(Symbol)	REFRIGERANT GAS LINE
(Symbol)	CONDENSER COIL
(Symbol)	EVAPORATOR COIL
(Symbol)	REFRIGERANT LIQUID LINE
(Symbol)	CONDENSER COIL

1. SEE SECTION 12.00 FOR THE GENERAL NOTES TO THE INSTRUMENTATION PLAN.  
 2. SEE SECTION 12.00 FOR THE GENERAL NOTES TO THE INSTRUMENTATION PLAN.  
 3. SEE SECTION 12.00 FOR THE GENERAL NOTES TO THE INSTRUMENTATION PLAN.

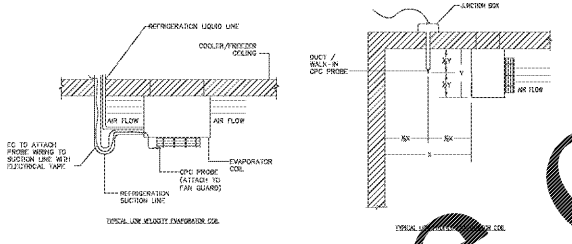
**ANALOG TEMPERATURE SENSOR GUIDELINES**

**APPLICATION:**

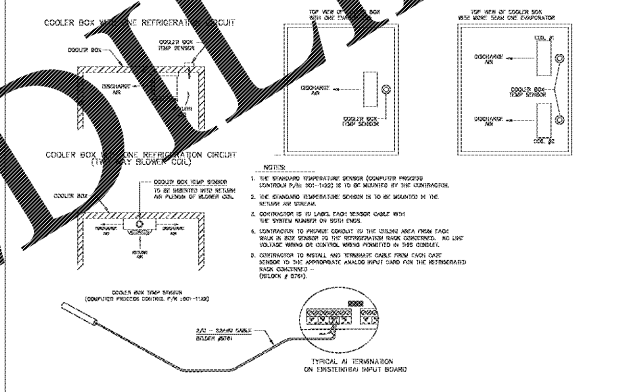
- COOLERS, FREEZERS, MEAT CASES
- ONE SENSOR PER COOLER CASE, LOCATE IN THE COOL REFRIG AIRFLOW
- ISLAND
- ONE SENSOR PER EVERY TWO CASES, MEAT ISLAND END CASES TO BE CONSIDERED DOUBLE SENSORS TO BE LOCATED IN THE CASES MOST LIKELY TO EXPERIENCE THE GREATEST LOAD FLUCTUATION AT END OF ISLAND (TOP OR LOWER CASES TO VERTICAL DISPOSITION OF FREEZERS)
- MEAT ISLANDS EQUIPPED WITH STEERING FREEZERS, REFRIGERATORS (E.G.): ONE SENSOR PER FREEZERS
- ICE MAKERS AND SLUSH DISPENSERS DO NOT REQUIRE TEMPERATURE SENSORS

**EXCEPTIONS TO ABOVE RULES:**

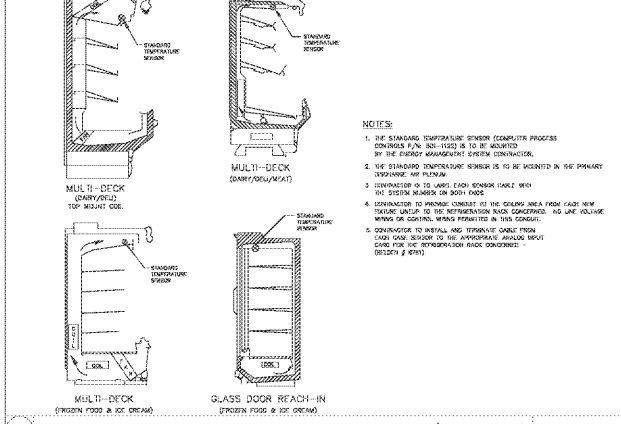
- IF SHEET CONTAINS 10 OR FEWER CASE MODELS, PROVIDE A MINIMUM OF ONE SENSOR PER MODEL FIRST CASE ISLAND END CASE TO BE PROVIDED WITH A SENSOR, AND OTHER CASES OVER BASED ON CHANGE TO BE CONSIDERED MOST FREQUENTLY
- IF ALL CASES ON A CIRCUIT ARE NOT ADDING, PROVIDE A MINIMUM OF ONE SENSOR PER CONTINUOUS SECTION



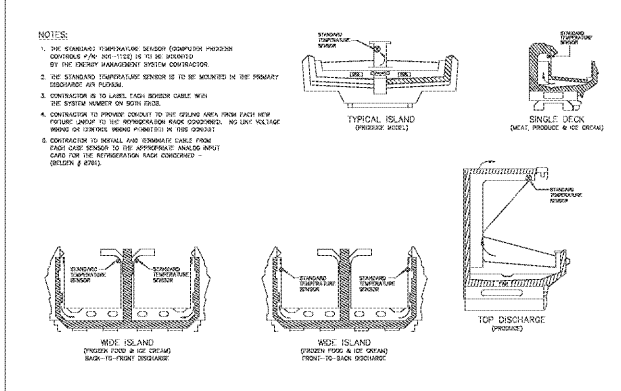
2. EINSTEIN CONTROL SYSTEM -- BOX PROVISION DETAIL SCALE: NONE



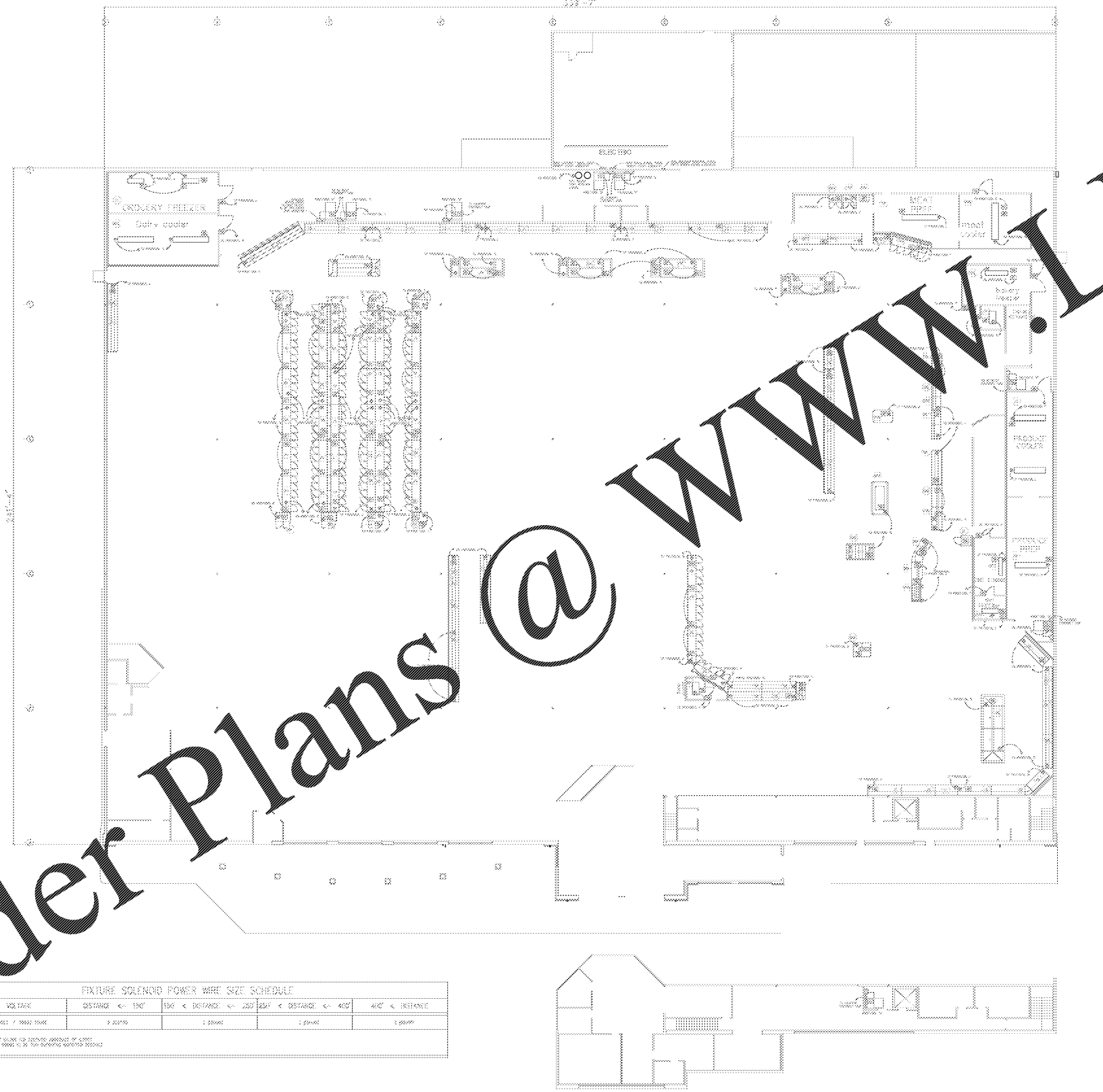
3. EINSTEIN CONTROL SYSTEM -- SENSOR INSTALLATION -- COOLER BOX SCALE: NONE



4. EINSTEIN CONTROL SYSTEM -- CASE SENSOR LOCATIONS (MULTI-DECK) SCALE: NONE



5. EINSTEIN CONTROL SYSTEM -- CASE SENSOR LOCATIONS (SINGLE-DECK) SCALE: NONE



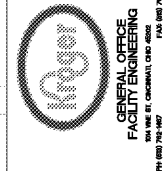
**FIXTURE SOLENOID POWER WIRE SIZE SCHEDULE**

VOLTAJE	DISTANCE <- 150'	150' <- DISTANCE <- 250'	250' <- DISTANCE <- 400'	400' <- DISTANCE
120V / 208V THREE PHASE	1.00AWG	1.00AWG	1.00AWG	1.00AWG

NOTE: SEE WIRE LOG FOR THE GENERAL NOTES TO THE INSTRUMENTATION PLAN.  
 CONTROL WIRE TO BE RUN SEPARATELY TO THE EQUIPMENT.

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FOR REFERENCE ONLY



KROGER L-407  
 CONTROLS  
 INSTALLATION TEMPLATE

DATE: 01/25/2018  
 DRAWING NO: 1000000000  
 PROJECT NO: 1000000000  
 SHEET NO: 1000000000  
 SHEET TITLE: EM-2.PRO

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