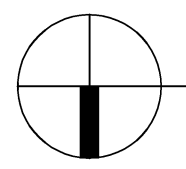
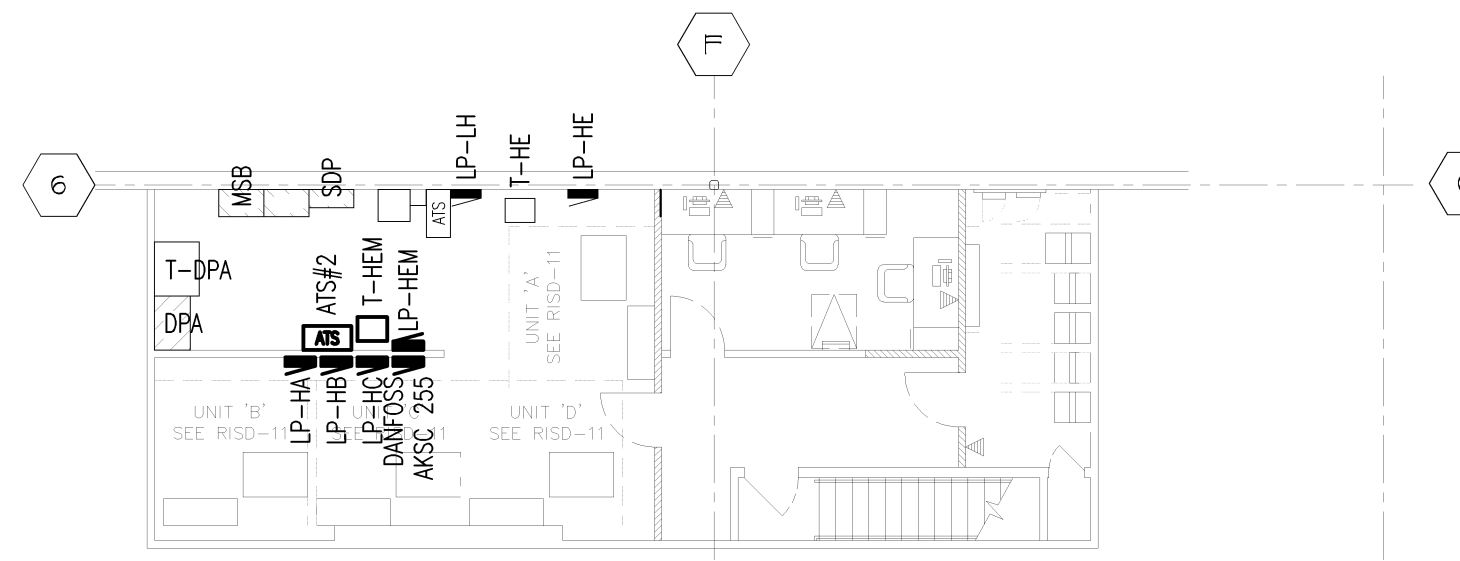


NOTES

ALL HVAC SENSORS (I.E. ANALOG TEMPERATURE SENSORS, RELATIVE HUMIDITY SENSORS, CO2 SENSORS) TO BE MOUNTED AT 7'-6" ABOVE FINISHED FLOOR.

LIGHTING OVERRIDE SWITCHES TO BE MOUNTED AT 6'-4" ABOVE FINISHED FLOOR.



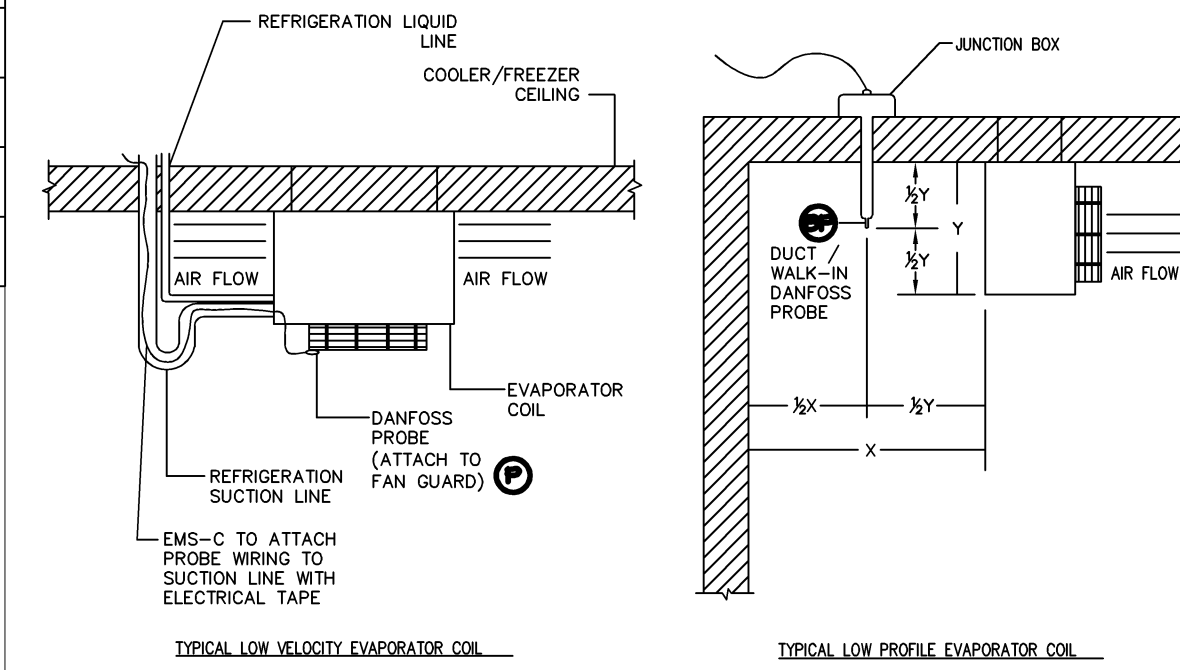
MEZZANINE PLAN
SCALE: 3/32" = 1'-0"

SYMBOL	
	REFRIGERATION CIRCUIT DESIGNATION
	DEFROST TERMINATION THERMOSTAT
	ANALOG TEMPERATURE SENSOR
	DOOR SWITCH WIRE WITH 18/4
	PHASE MONITOR
	SMOKE DETECTOR
	SUCTION STOP SOLENOID MATCH RACK OR DISTRIBUTED UNIT CONTROL VOLTAGE

1. WHEN CASES ARE FED FROM LOOP PIPING, SUCTION STOP SOLENOIDS WILL BE ON REFRIGERATION CIRCUITS ON SALES FLOOR.

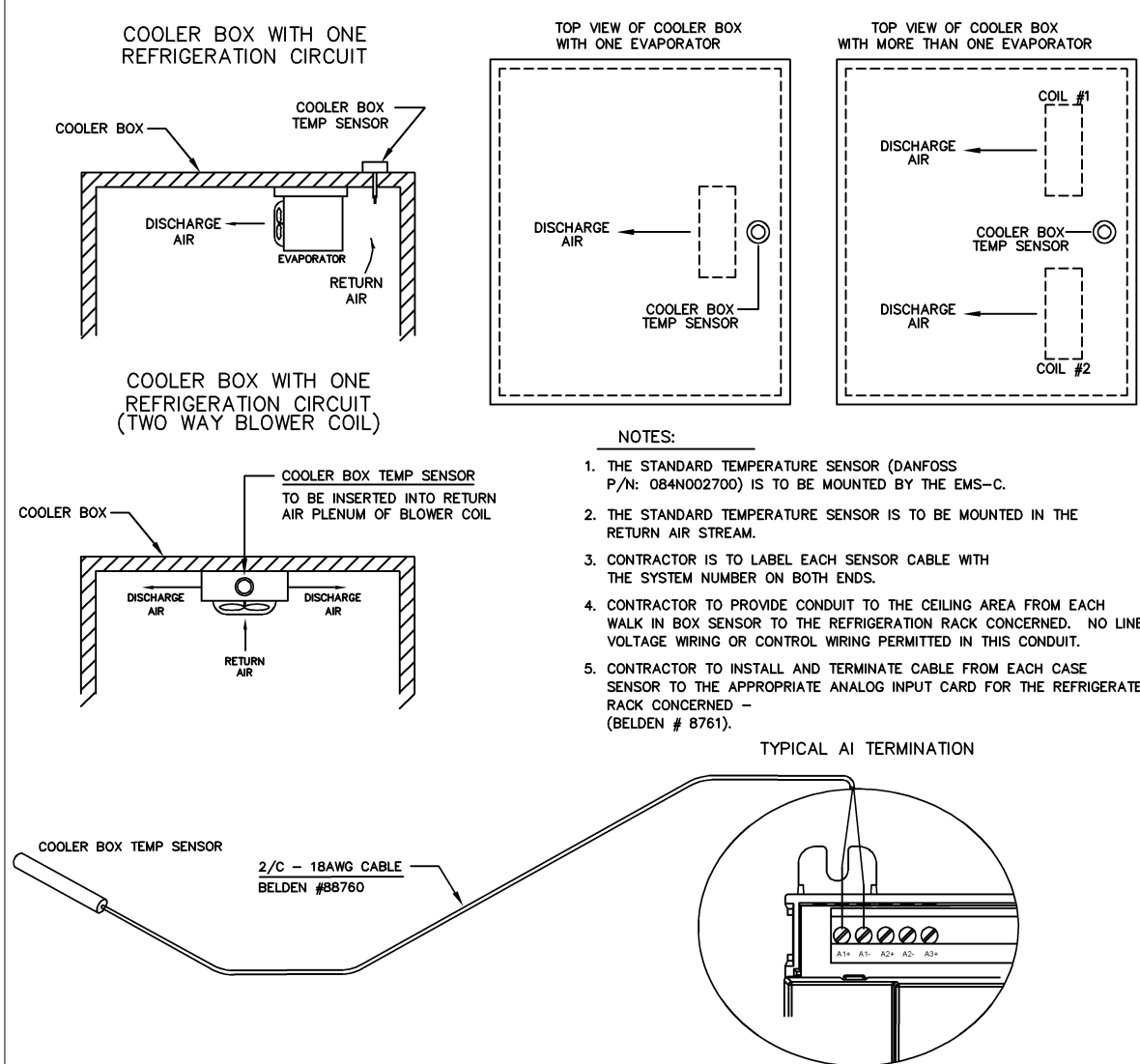
2. REFER TO PIPING DRAWINGS (R3, R4, R5) FOR EXACT LOCATIONS.

REFER TO R-SERIES REFRIGERATION SHEETS.



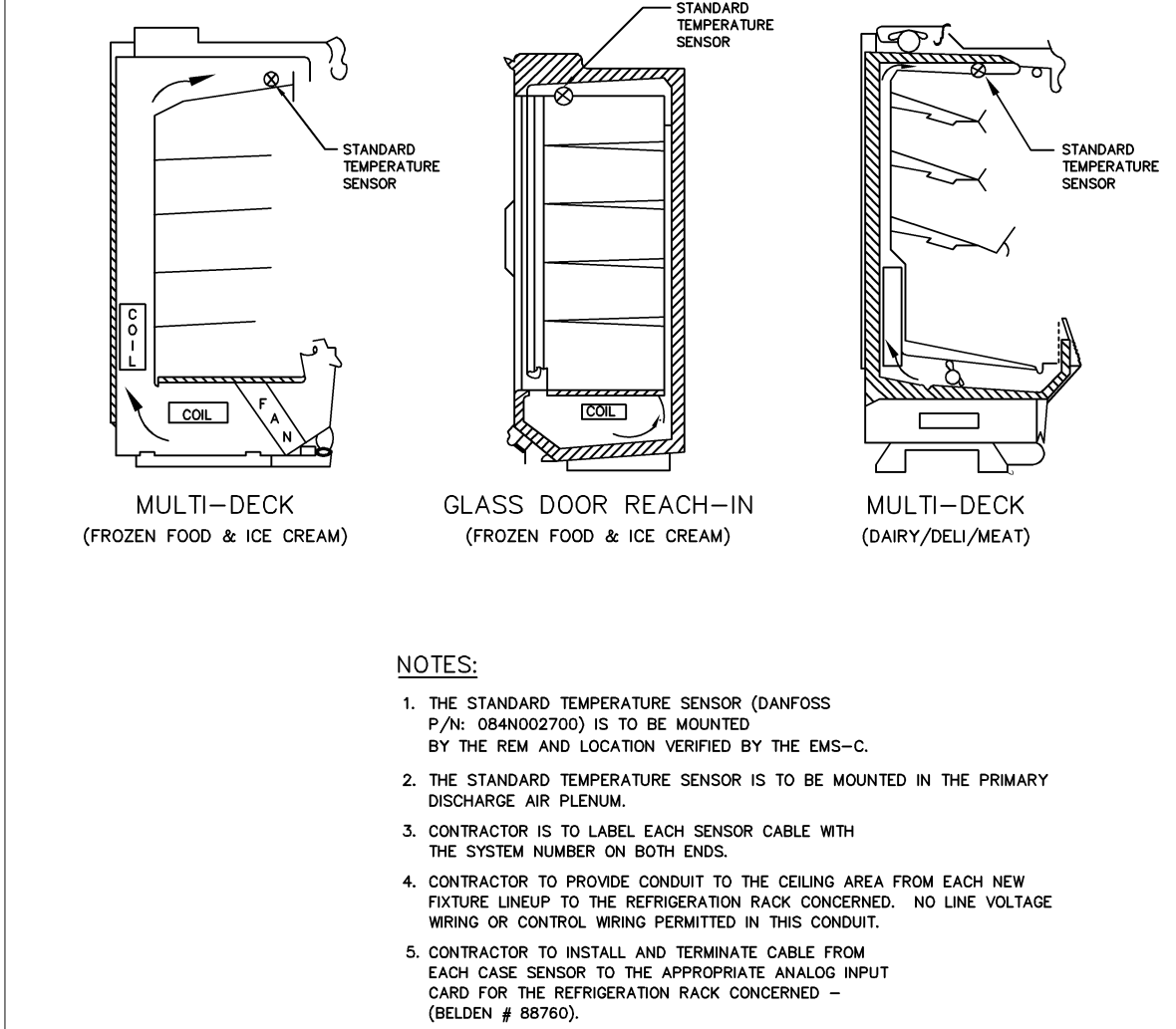
1 BOX PROBE MOUNTING DETAIL

SCALE: NONE



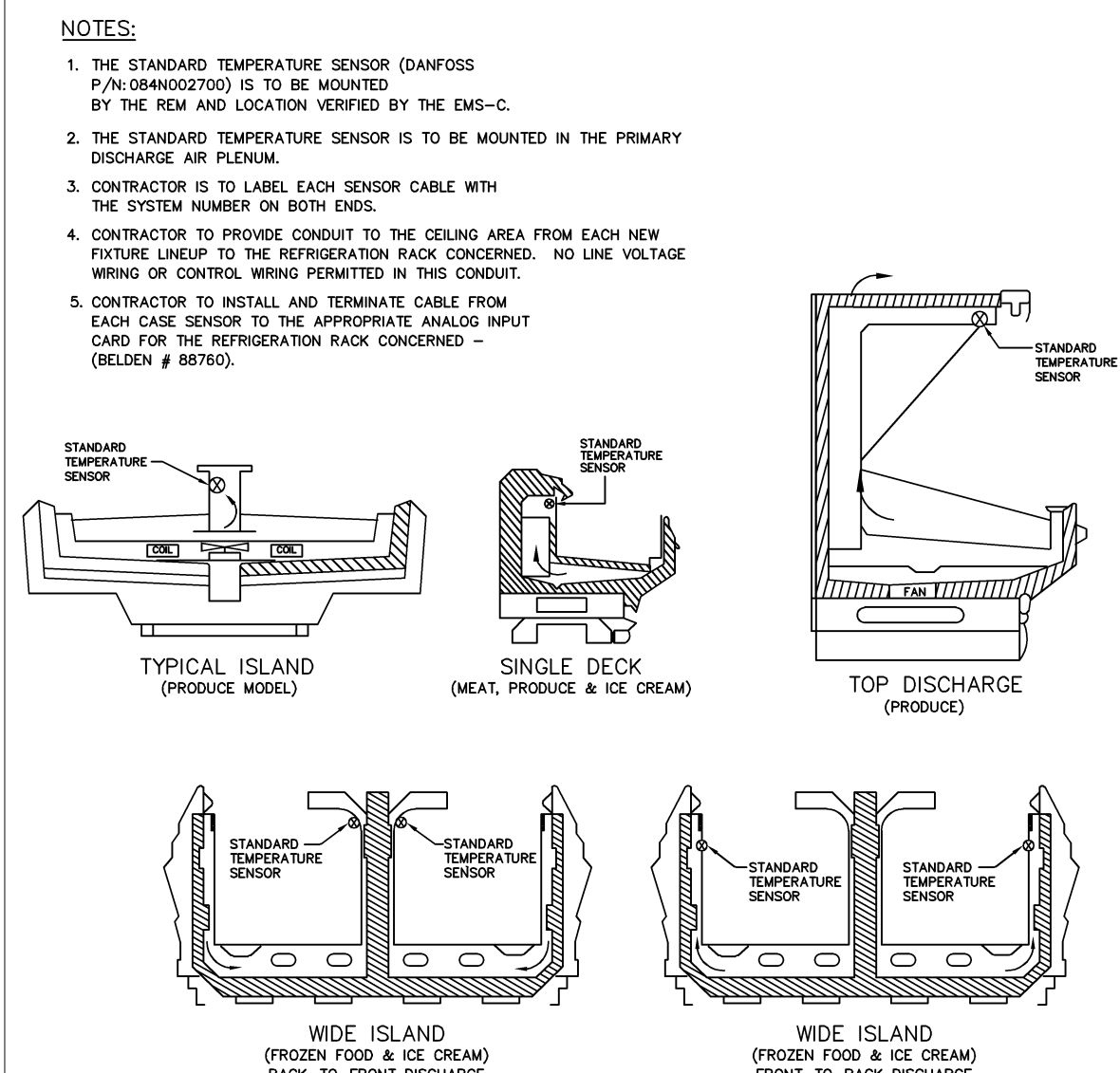
2 SENSOR INSTALLATION - COOLER BOX

SCALE: NONE



3 CASE SENSOR LOCATIONS (MULTI-DECK)

SCALE: NONE



4 CASE SENSOR LOCATIONS (SINGLE-DECK)

SCALE: NONE

GENERAL NOTES

1. WIRE ALL CASE CONTROLLERS SERVED BY PROTOCOL A IN A SINGLE RS-485 DAISSY CHAIN. WIRE USING #18/2 SHIELDED CABLE, NOT TO EXCEED 4000'. DO NOT T-TAP.
2. WIRE ALL CASE CONTROLLERS SERVED BY PROTOCOL B IN A SINGLE RS-485 DAISSY CHAIN. WIRE USING #18/2 SHIELDED CABLE, NOT TO EXCEED 4000'. DO NOT T-TAP.
3. WIRE ALL CASE CONTROLLERS SERVED BY PROTOCOL C IN A SINGLE RS-485 DAISSY CHAIN. WIRE USING #18/2 SHIELDED CABLE, NOT TO EXCEED 4000'. DO NOT T-TAP.
4. WIRE ALL CASE CONTROLLERS SERVED BY PROTOCOL D IN A SINGLE RS-485 DAISSY CHAIN. WIRE USING #18/2 SHIELDED CABLE, NOT TO EXCEED 4000'. DO NOT T-TAP.
5. AFTER EVERY 32ND CASE CONTROLLER, PROVIDE A MODBUS REPEATER.
6. WIRE ALL WALK-IN CASE CONTROLLERS WITH TEMPERATURE SENSOR (DEFROST TERMINATION), RETURN AIR SENSOR, SUPPLY AIR SENSOR, PRESSURE TRANSDUCER, AND WIRE FOR RAY VALVE. MOUNT OUTSIDE WALK-IN.
7. WIRE WALK-IN DOOR SWITCHES TO LOCAL CASE CONTROLLER DIGITAL INPUT.

ENERGY MANAGEMENT REFRIGERATION LAYOUT PLAN

SCALE: 3/32" = 1'-0"