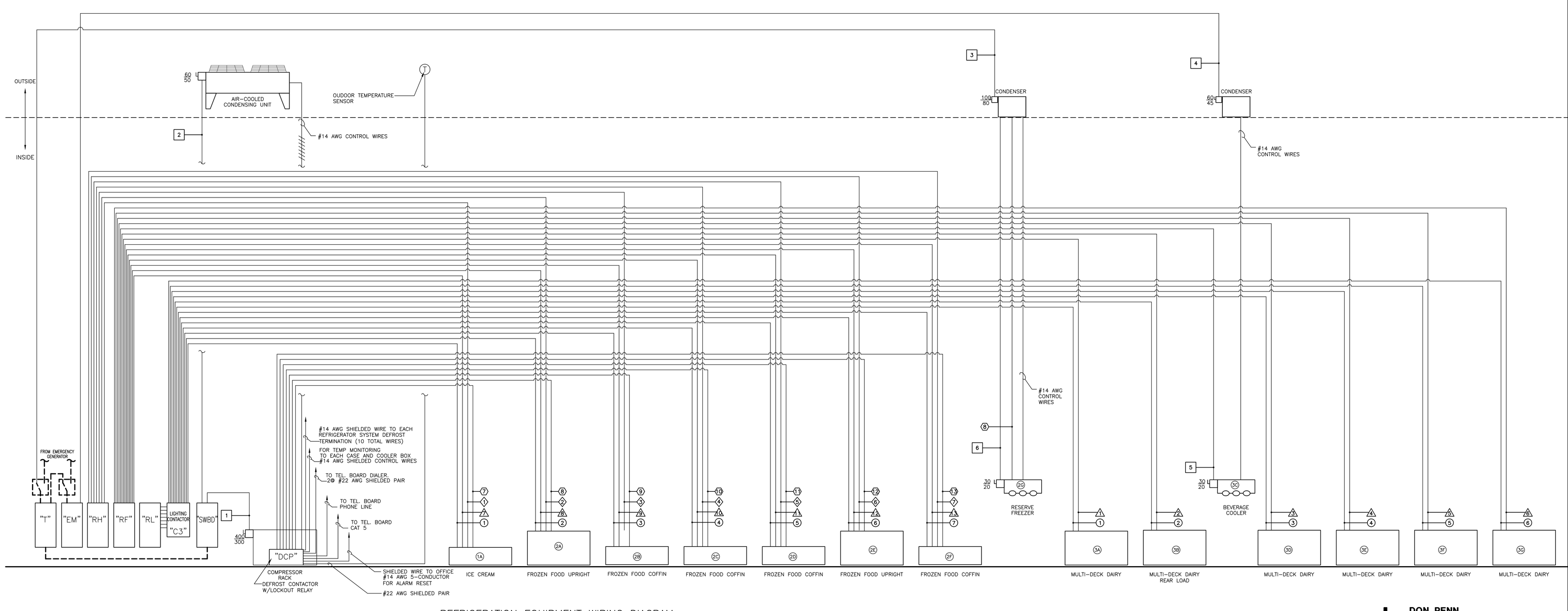
REFRIGERATION EQUIPMENT WIRING SCHEDULE

SYMBOL	MARK	AMPS	VOLTS	PHASE	FEEDER PANEL	FEEDER CKT #	FEEDER CB SIZE	FEEDER CONDUCTORS	CONTROL WIRING # WIRES	CONTROL WIRING SIZE	CONDUIT	EQUIPMENT
POWER	1	262.4	208	3	SWBD	--	200 A	3#3/0, #6G			2"	COMPRESSOR RACK
	2	41.3	208	3	SWBD	--	200 A	3#3/0, #6G			2"	AIR COOLED CONDENSER
	3	75.0	120	1	T	--	30 A	2#10, #10G			3/4"	FREEZER COMPRESSOR
	4	28.0	208	2	EM	--	20 A	2#12, #12G			3/4"	COOLER COMPRESSOR
	5	5.5	120	1	RF	6	20 A	2#10, #10G			3/4"	COOLER FANS
	6	4.2	208	2	--	--	20 A	2#12, #12G			3/4"	FREEZER FANS
LIGHTING	1	3.5	120	1	RL	2	20 A	2#12			1/2"	MULTI-DECK DAIRY
	2	4.5	120	1	RL	4	20 A	2#12			1/2"	MULTI-DECK DAIRY
	3	9.0	120	1	RL	6	20 A	2#12			1/2"	MULTI-DECK DAIRY
	4	12.3	120	1	RL	8	20 A	2#12			1/2"	MULTI-DECK DAIRY
	5	14.0	120	1	RL	10	20 A	2#12			1/2"	MULTI-DECK DAIRY
	6	14.0	120	1	RL	12	20 A	2#12			1/2"	MULTI-DECK DAIRY
	7	2.2	120	1	RL	1	20 A	2#12			1/2"	ICE CREAM
	8	1.2	120	1	RL	3	20 A	2#12			1/2"	FROZEN FOOD UPRIGHT
	9	1.4	120	1	RL	5	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	10	1.4	120	1	RL	7	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	11	1.6	120	1	RL	9	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	12	1.2	120	1	RL	11	20 A	2#12			1/2"	FROZEN FOOD UPRIGHT
	13	2.2	120	1	RL	13	20 A	2#12			1/2"	FROZEN FOOD COFFIN

NOTE: PRIOR TO INSTALLATION OF ROUGH ELECTRICAL WIRING, ELECTRICAL CONTRACTOR SHALL CHECK THE NAMEPLATE DATA ON ALL OF THE REFRIGERATION EQUIPMENT, IN ORDER TO OBTAIN THE CORRECT WIRE SIZES, QUANTITIES, VOLTAGES AND OVERCURRENT PROTECTION. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE EXACT WIRING REQUIREMENTS OF ALL THE REFRIGERATION EQUIPMENT WITH REFRIGERATION MANUFACTURER, PRIOR TO INSTALLATION. NO CHANGE ORDERS WILL BE ACCEPTED.

SYMBOL	MARK	AMPS	VOLTS	PHASE	FEEDER PANEL	FEEDER CKT #	FEEDER CB SIZE	FEEDER CONDUCTORS	CONTROL WIRING # WIRES	CONTROL WIRING SIZE	CONDUIT	EQUIPMENT
FANS	1	0.2	120	1	RF	2	20 A	2#12			1/2"	MULTI-DECK DAIRY
	2	2.1	120	1	RF	4	20 A	2#12			1/2"	MULTI-DECK DAIRY
	3	0.8	120	1	RF	8	20 A	2#12			1/2"	MULTI-DECK DAIRY
	4	0.8	120	1	RF	10	20 A	2#12			1/2"	MULTI-DECK DAIRY
	5	1.0	120	1	RF	12	20 A	2#12			1/2"	MULTI-DECK DAIRY
	6	1.0	120	1	RF	14	20 A	2#12			1/2"	MULTI-DECK DAIRY
	7	2.8	120	1	RF	1	20 A	2#12			1/2"	ICE CREAM
	8	2.5	120	1	RF	3	20 A	2#12			1/2"	FROZEN FOOD UPRIGHT
	9	1.9	120	1	RF	5	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	10	1.9	120	1	RF	7	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	11	1.9	120	1	RF	9	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	12	2.5	120	1	RF	11	20 A	2#12			1/2"	FROZEN FOOD UPRIGHT
	13	2.8	120	1	RF	13	20 A	2#12			1/2"	FROZEN FOOD COFFIN
ANTI-SWEAT	1	5.9	120	1	RH	1	20 A	2#12			1/2"	ICE CREAM
	2	3.8	120	1	RH	3	20 A	2#12			1/2"	FROZEN FOOD UPRIGHT
	3	3.6	120	1	RH	5	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	4	3.6	120	1	RH	7	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	5	4.5	120	1	RH	9	20 A	2#12			1/2"	FROZEN FOOD COFFIN
	6	3.8	120	1	RH	11	20 A	2#12			1/2"	FROZEN FOOD UPRIGHT
	7	5.9	120	1	RH	13	20 A	2#12			1/2"	FROZEN FOOD COFFIN
DEFROST	1	24.4	208	3	DCP	--	30 A	3#10	2	#14	1/2"	ICE CREAM
	2	10.2	208	3	DCP	--	20 A	3#12	2	#14	1/2"	FROZEN FOOD UPRIGHT
	3	23.4	208	1	DCP	--	30 A	2#10	2	#14	1/2"	FROZEN FOOD COFFIN
	4	23.4	208	1	DCP	--	30 A	2#10	2	#14	1/2"	FROZEN FOOD COFFIN
	5	26.1	208	1	DCP	--	35 A	2#10	2	#14	1/2"	FROZEN FOOD COFFIN
	6	10.2	208	3	DCP	--	20 A	3#12	2	#14	1/2"	FROZEN FOOD UPRIGHT
	7	24.4	208	3	DCP	--	30 A	3#10	2	#14	1/2"	FROZEN FOOD COFFIN
	8	31.4	208	1	DCP	--	40 A	2#8	2	#14	3/4"	WALK-IN FREEZER

REFER TO KYSOR/WARREN REFRIGERATION DRAWINGS FOR DETAILED WIRING REQUIREMENTS OF THE REFRIGERATION EQUIPMENT



REFRIGERATION EQUIPMENT WIRING DIAGRAM
NO SCALE

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SEAL

COMMENTS

REVISIONS

NO.	DATE

DATE: 04/28/10
JOB No: FT-1012
DRAWN BY: FTA
TENANT STORE No: XXX
SPACE No: XXXX
SALES: 11,224 sq. ft.
STOCK: 5,424 sq. ft.
MISC: 1464 sq. ft.
TOTAL: 23,350 sq. ft.

PROJECT
TRADER JOE'S
87 MARGINAL WAY
PORTLAND, ME. 04101

SHEET NAME
REFRIGERATION EQUIPMENT WIRING DIAGRAM

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