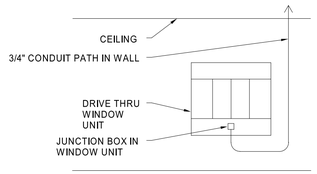
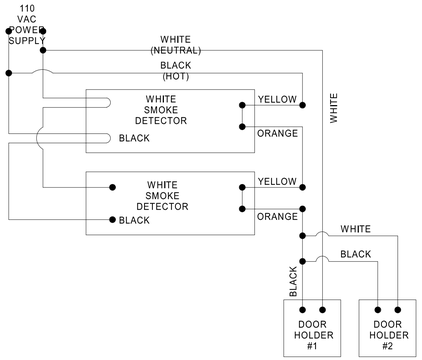
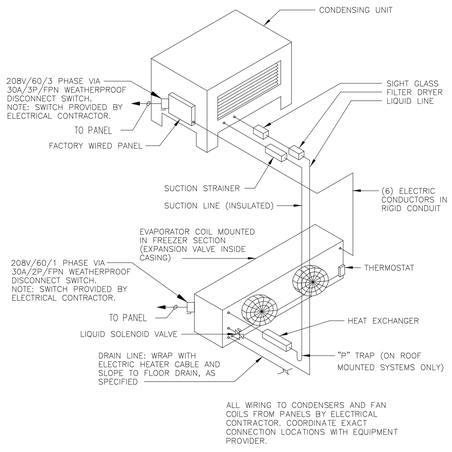


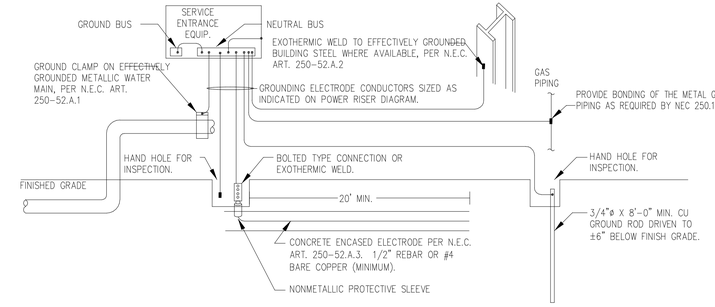
6 DRIVE-THRU CONDUIT DETAIL
SCALE: NTS



4 SMOKE DETECTOR FOR DOOR RELEASE DIAGRAM
SCALE: NTS



3 FREEZER ELEC./REFRIG. DETAIL
NTS (WALK-IN CHICKEN COOLER AND FREEZER)



1 GROUNDING DETAIL
NTS

GROUNDING ELECTRODES SHALL BE PROVIDED IN ACCORDANCE WITH NEC SECTION 250. ALL GROUNDING ELECTRODE CONDUCTORS SIZED AS INDICATED ON POWER RISER DIAGRAM. ALL METHODS OF CREATING THE GROUNDING SYSTEM MAY NOT BE REQUIRED OR AVAILABLE.

ELECTRICAL CONNECTIONS AT ITEM 21, FRONT SERVICE COUNTER

ITEM	QTY.	DESCRIPTION	VOLTS	PHASE	KW	HP	AMPS	NOTES
21B	1	UNDERCOUNTER REFRIGERATOR	120	1		1/6	2.5	NEMA 5-20R; WIRE TO OUTLET IN COUNTER
21E	1	SODA/ICE TOWER	120	1				ELECTRICIAN TO STUB OUT FROM WALL & 'BTC' TO OUTLET ELECTRICIAN TO CONNECT (DFO OUTLET)
21M	1	POS SYSTEM	120	1				ELECTRICIAN TO STUB OUT FROM WALL & 'BTC' TO OUTLET IN COUNTER & CONNECT (DFO OUTLET)

ELECTRICAL CONNECTIONS AT ITEM 47, POWER LINE COUNTER

ITEM	QTY.	DESCRIPTION	VOLTS	PHASE	KW	HP	AMPS	NOTES
46	1	CONVEYOR TOASTER	208	1	2.0		9.6	
47A	1	COLD FOOD WELL	120	1	0.48	1/5		
47B	1	HOLDING CABINET	208	1	2.1		17.2	
47C	1	HOLDING CABINET	208	1	2.6		12.7	
47D	1	LIGHT	120	1	0.36		3.0	
47E	2	TIMERS	120	1	0.6		0.5	
47F	1	HEAT LAMP WITH LIGHT	120	1	0.82		6.8	
47H	1	DUAL HEAT LAMP WITH LIGHT	120-208	1	1.12		5.8	
47J	1	DUAL HEAT LAMP WITH LIGHT	120-208	1	1.78		9.2	
47L	1	UNDERCOUNTER REFRIGERATOR	120	1		0.7	2.0	
47N	2	HOT FOOD WELL	120	1	1.6		13.8	
47o	2	DRAWER WARMER	120	1	0.48		4.0	
47P	2	FRY STATION	208	1	1.7		8.2	

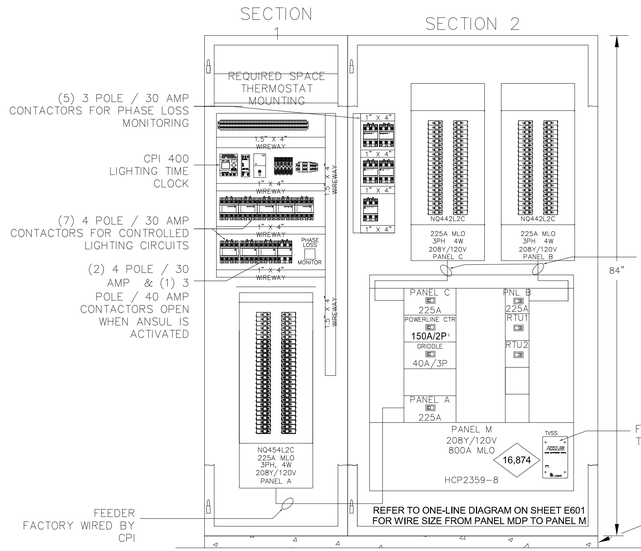
NOTE
FIELD ELECTRICIAN TO MAKE FINAL CONNECTION OR CONNECT CORD & PLUG SET AT EACH UNIT FROM CONDUIT BROUGHT DOWN IN CHASE/WALL. IN ADDITION, HE IS TO MAKE FIELD CONNECTIONS AS REQUIRED FOR UNIT;
SEE MANUFACTURER'S DRAWINGS FOR DETAILS

KITCHEN EQUIPMENT NOTES:

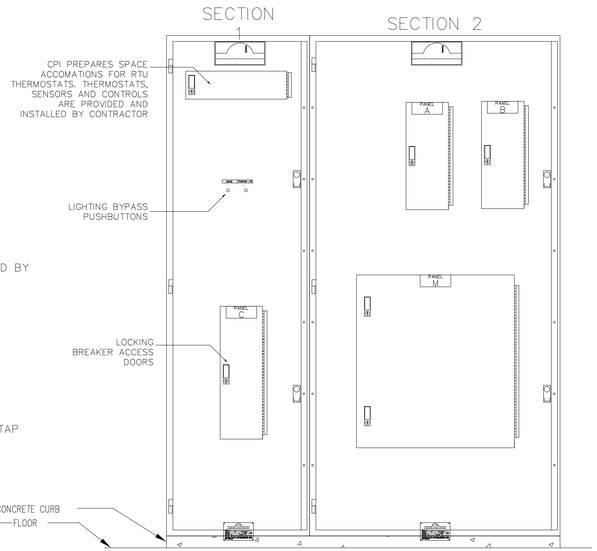
1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL DISCONNECT SWITCHES, RECEPTACLES, ETC.. TO MECHANICAL/ PLUMBING AND KITCHEN EQUIPMENT AS REQUIRED. THE ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE ALL CORDS, PLUGS, ETC. ON EQUIPMENT REQUIRING SUCH ITEMS.
2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE FINAL CONNECTIONS TO ALL MECHANICAL/ PLUMBING AND KITCHEN EQUIPMENT AS REQUIRED.
3. ALL DISCONNECT SWITCHES, FUSE SIZES, PLUG CONFIGURATIONS, BREAKER SIZES, ETC., SHALL BE COORDINATED WITH SHOP DRAWINGS PRIOR TO INSTALLING. ANY EQUIPMENT INSTALLED INCORRECTLY BECAUSE OF LACK OF COORDINATION WILL BE REMOVED AND INSTALLED CORRECTLY AT THE ELECTRICAL CONTRACTORS EXPENSE.
4. ELEC. CONTRACTOR SHALL PULL A GROUND AND A NEUTRAL WITH ALL CIRCUITS, WHETHER SO DESIGNATED OR NOT.
   ALL 15 AND 20 AMP RECEPTACLES IN KITCHEN SHALL BE GFI.
5. *– DENOTES: FIELD ELECTRICIAN TO MAKE FINAL CONNECTION OR CONNECT CORD AND PLUG SET AT EACH UNIT FROM CONDUIT BROUGHT DOWN IN CHASE/WALL. IN ADDITION, HE IS TO MAKE FIELD CONNECTIONS AS REQUIRED FOR UNIT; SEE
6. MANUFACTURER'S DRAWINGS FOR DETAILS.

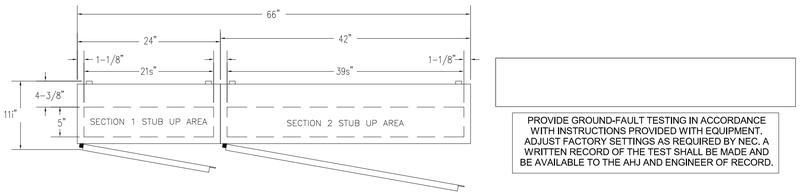
2 SYSTEM DETAILS
NTS

INTERIOR VIEW



EXTERIOR VIEW





ALL EXPOSED CONDUIT BELOW CEILING SHALL BE ENCLOSED WITH FRP.

PROVIDE GROUND-FAULT TESTING IN ACCORDANCE WITH INSTRUCTIONS PROVIDED WITH EQUIPMENT. ADJUST FACTORY SETTINGS AS REQUIRED BY NEC. A WRITTEN RECORD OF THE TEST SHALL BE MADE AND BE AVAILABLE TO THE AHJ AND ENGINEER OF RECORD.

2 SYSTEM DETAILS
NTS

HFA
HARRISON FRENCH & ASSOCIATES, LTD
t 479.273.7780
1705 S. Walton Blvd., Suite 3
Bentonville, Arkansas 72712
www.hfa-ae.com

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ELECTRICAL DETAILS

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