Safety Procedures

WARNING

Dangerous environment.
Highly flammable and explosive fuels are present.
Failure to observe all safety precautions could result in serious injury or death.
Observe all safety precautions as outlined in Gilbarco's manuals.

Installation Procedures

1. Install a single EMERGENCY POWER CUTOFF control to remove AC power from site dispensing equipment.
(The control is an additional safety feature, and not a substitute for NEC/NFPA30A circuit breaker requirements.)
• Label the EMERGENCY POWER CUTOFF switch and instruct owner to keep area clear of obstacles.
2. Install a system Earth Ground.
3. Install power breakers to each circuit leading to the dispensing unit and STP. They must be capable of simutaneously disconnecting hot and neutral conductors.
4. Only field wiring connections are shown in the junction boxes. Cap all unused wires. Local and National Electrical Codes may apply.
5. Use 1" rigid metalic conduit to run wires. Install per NEC for hazardous locations.
6. Wires -all wires are 14AWG (stranded) unless otherwise noted.
System ground - wire is 12AWG (stranded).
Power loading and distance run may require larger wire size.
Outputs from intercom must be NEC Class 2.
7. Consult mfg. specs. for wire nuts to determine maximum number of wires that may be used per nut.
8. Use the same phase of electrical power for all dispensers.

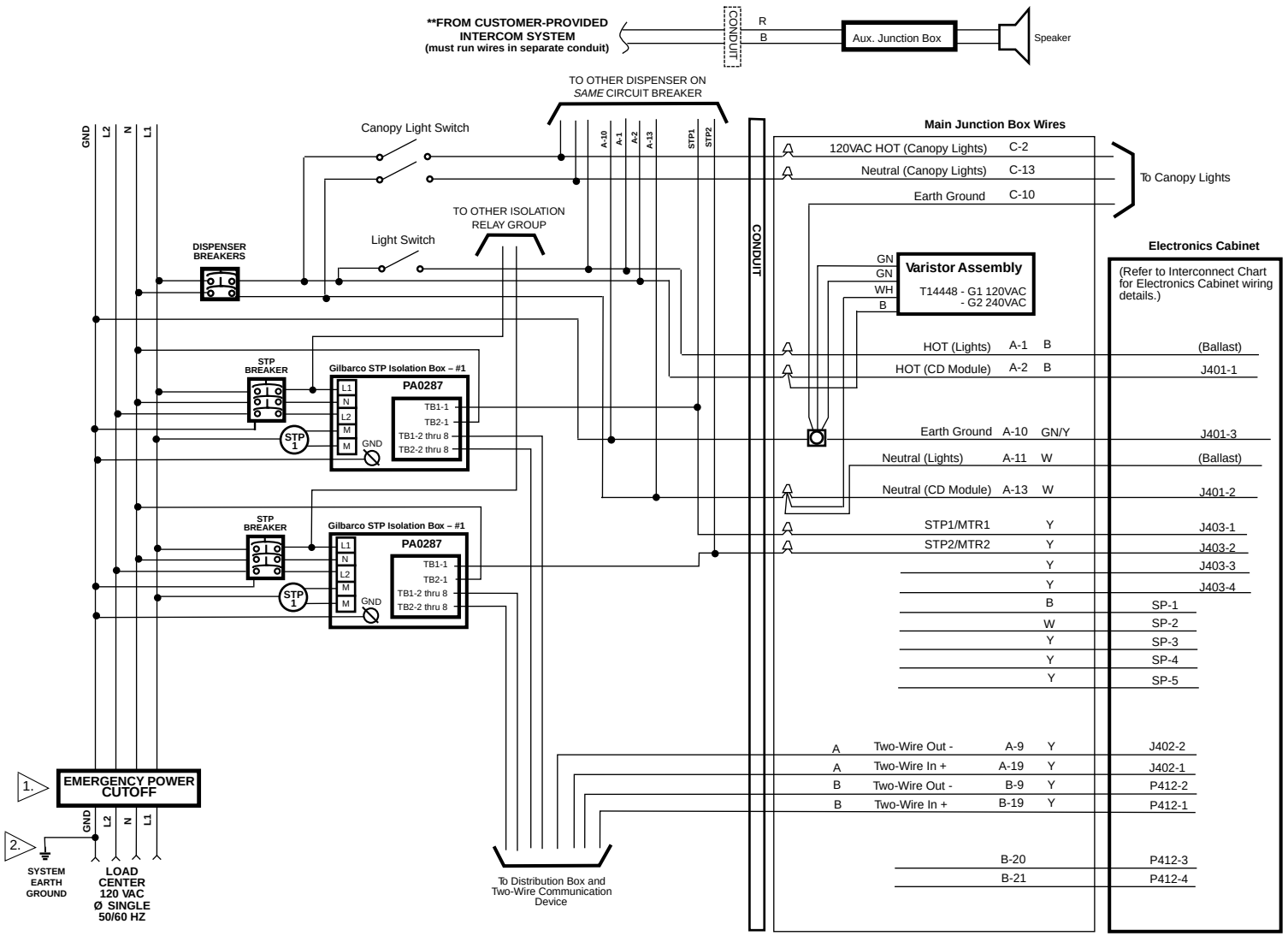
Note: *In Canada switching neutral is contrary to the Canadian electrical code, reference part 1, rule 14-014.*

Load Table

Pump Lights . . . . . AMP @ 120 VAC		1.0
Electronics Module		
Standard Units	2.50 AMP @ 120 VAC	
Blenders . . . . . AMP @ 120 VAC		3.00

STP outputs only 0.3 AMP max. Use STP control relays that require less than 0.3 AMP operating circuit.

Canopy Light Circuit	3.0 AMP @ 120 VAC (max.)	
Speaker Impedance	8Ω (OHMS)	
2-Stage Valve		1.0



Wire Color Chart

Black	B
Brown	BR
Red	R
Orange	OR
Yellow	Y
Green	GN
Blue	BU
Violet	V
Gray	GY
White	W

Gilbarco

FIELD WIRING DIAGRAM
The Advantage®
4x4 Dispensers

03/95 | **FE-330**