

2 MANIFOLDED MAG-VFC WIRING DIAGRAM  
NTS

3 MAG-VFC WIRING DIAGRAM  
NTS

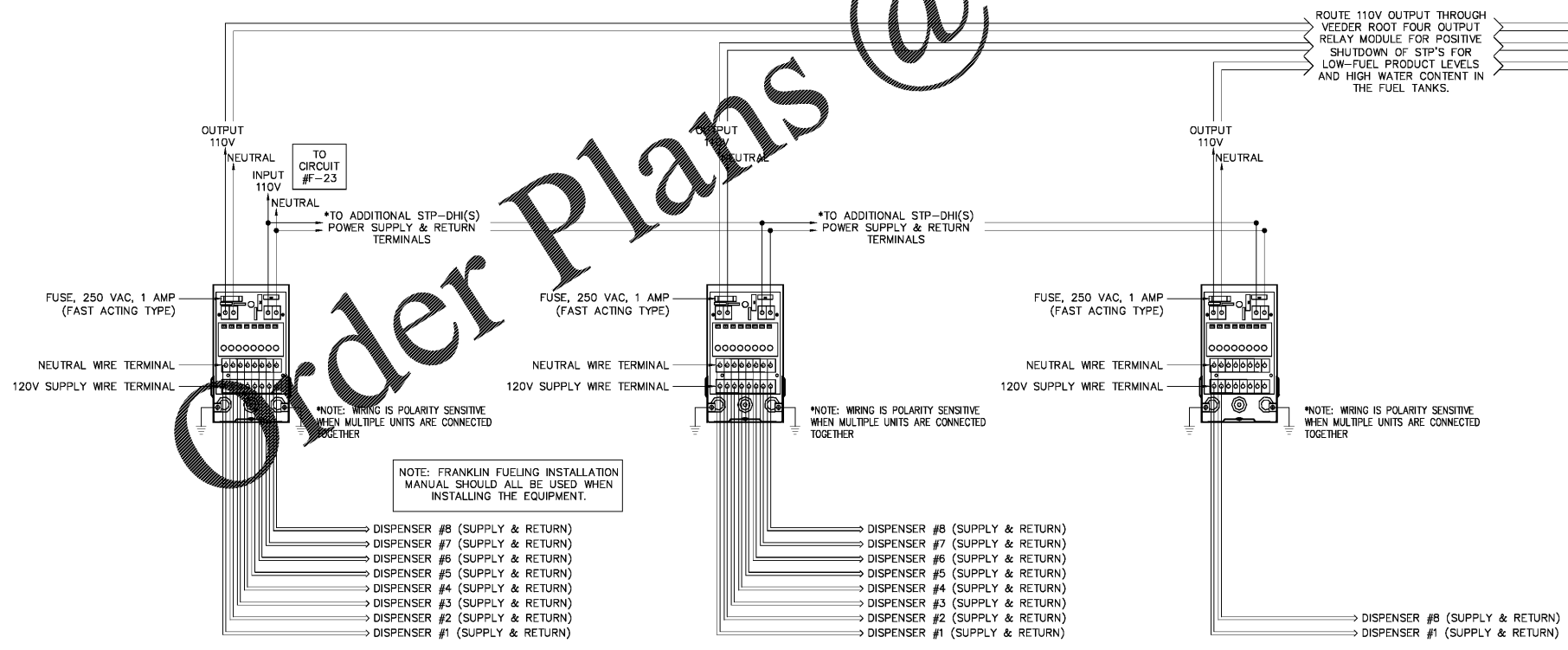
4 STP-CBS WIRING DIAGRAM  
NTS

- GENERAL NOTES**
- INSTALL POWER BREAKERS TO EACH CIRCUIT LEADING TO THE DISPENSING UNIT AND STP. THEY MUST BE CAPABLE OF SIMULTANEOUSLY DISCONNECTING HOT AND NEUTRAL CONDUCTORS.
  - INSTALL CONDUIT PER NEC FOR HAZARDOUS LOCATIONS.
  - WIRES - ALL WIRES ARE 14AWG (STANDARD) UNLESS OTHERWISE NOTED. PUMP / DISP. GROUND - WIRE IS 12 AWG (STANDARD). POWER LOADING AND DISTANCE RUN MAY REQUIRE LARGER WIRE SIZE.
  - INSTALL SINGLE EMERGENCY POWER CUTOFF CONTROL TO REMOVE AC POWER FROM SITE DISPENSING EQUIPMENT. CONSULT WITH AN ADDITIONAL SAFETY FEATURE AND DO NOT SUBSTITUTE FOR NEC/NFPA30 CIRCUIT BREAKER REQUIREMENTS). LABEL THE EMERGENCY POWER CUTOFF SWITCH AND INSTRUCT OWNER TO KEEP AREA CLEAR OF OBSTACLES.
  - CONNECT INSULATED GROUNDING CONDUCTOR FROM THE DISPENSER POWER PANEL TO THE SITE GROUNDING ELECTRODE. SIZE PER NEC.
  - REFER TO INSTALLATION ADDENDA FOR SPECIFIC PRODUCT FIELD WIRING CONNECTIONS. CAP ALL UNUSED WIRES. LOCAL AND NEC MAY APPLY.
  - STP ISOLATION RELAY BOXES ARE MANDATED BY THE NEC (ARTICLE 514.13 - PROVISIONS FOR MAINTENANCE AND SERVICE OF DISPENSING EQUIPMENT) AND ARE REQUIRED TO:
    - ALLOW SERVICE OF ONE UNIT SAFELY WITHOUT REMOVING POWER FROM ALL DISPENSING EQUIPMENT.
    - PREVENT DAMAGE TO EQUIPMENT FROM CROSS-PHASING.
 DAMAGE CAUSED BY CROSS-PHASING IS NOT COVERED BY WARRANTY.

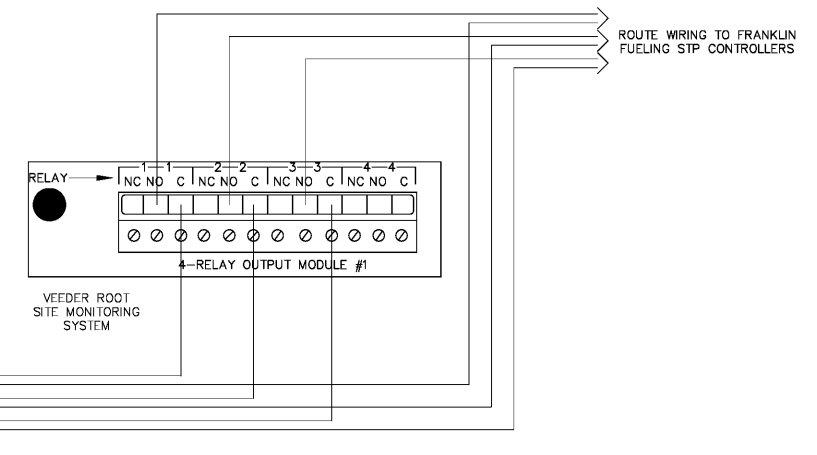
REGULAR UNLEADED DISPENSER HOOK ISOLATION

PREMIUM UNLEADED DISPENSER HOOK ISOLATION

DIESEL DISPENSER HOOK ISOLATION



1 DISPENSER HOOK ISOLATION WIRING DIAGRAM  
NTS



PROGRAMMING: MODE TO SETUP, FUNCTION TO OUTPUT RELAYS, STEP AND ENABLE RELAY, LABEL THE RELAY, LEAVE THE TYPE AS STANDARD AND N/O. SET INTANK ALARMS UNDER THE RELAY FOR LOW PRODUCT ALARMS AND HIGH-WATER ALARMS.

NOTE: VEEDER ROOT INSTALLATION MANUAL SHOULD BE USED WHEN INSTALLING THE EQUIPMENT.

Order Plans @

WWW.LDILine.com

PRINTED BY: TSWAR; DRAWING NAME: 41795 - 01.10 ISOLATION RELAY BOX DETAILING

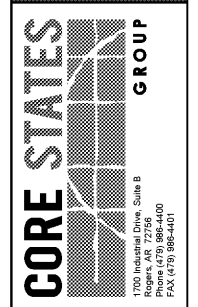
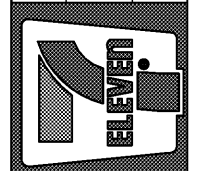
Rev. #	Date	Description

Proto 12-01-2020

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3200 HACKBERRY ROAD, IRVING TEXAS 75063

7-ELEVEN #41795  
9000 BLOCK OF SE MARICAMP ROAD  
OCALA, FL 34470

ISOLATION RELAY BOX DETAIL



Job#: SEI-31123  
Scale: AS NOTED  
Date: 01/07/2020  
Drawn By: TJS  
Checked By: CVK

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