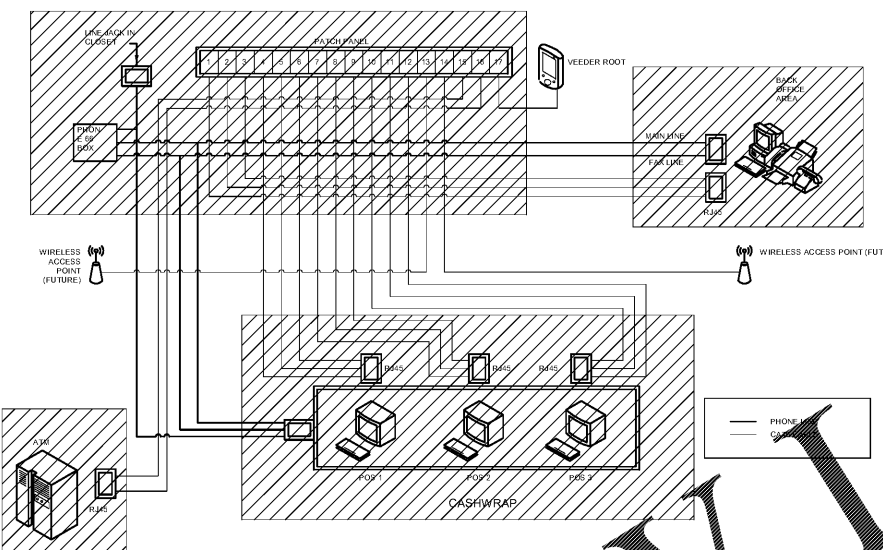


ISSUE/REVISION RECORD

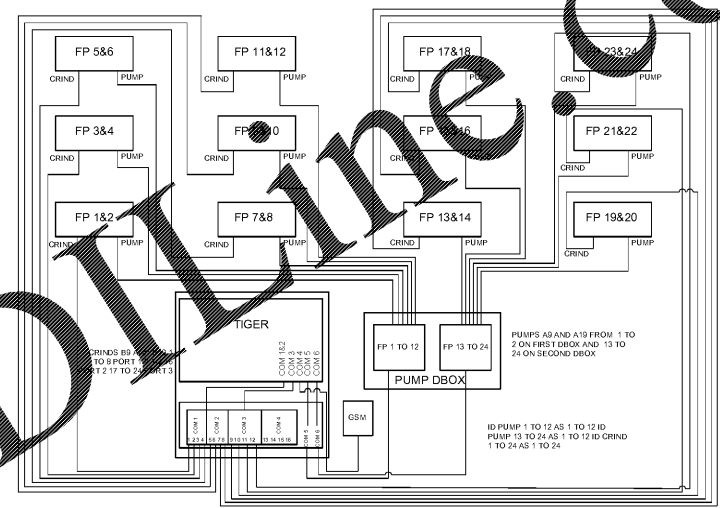
DATE	DESCRIPTION
08/21/18	ISSUED FOR PERMIT

SPB NO. DATE

STANDARD PLAN BULLETINS (SPB) MODIFY THE LISTED SPB REPRESENTS THE LATEST MODIFICATION INCORPORATED TO THIS PROTOTYPE SERIES SET AT ORIGINAL RELEASE. THE ISSUE/REVISION RECORD COLUMN ABOVE LISTS ANY REVISIONS OR SPB INCORPORATED IN THIS SET AFTER THE ORIGINAL RELEASE. CONTACT RACETRAC ENGINEERING AND CONSTRUCTION FOR ANY SUBSEQUENT BULLETIN NOT INCORPORATED HEREIN.



3 LOW VOLTAGE WIRING DETAIL
 N.T.S.

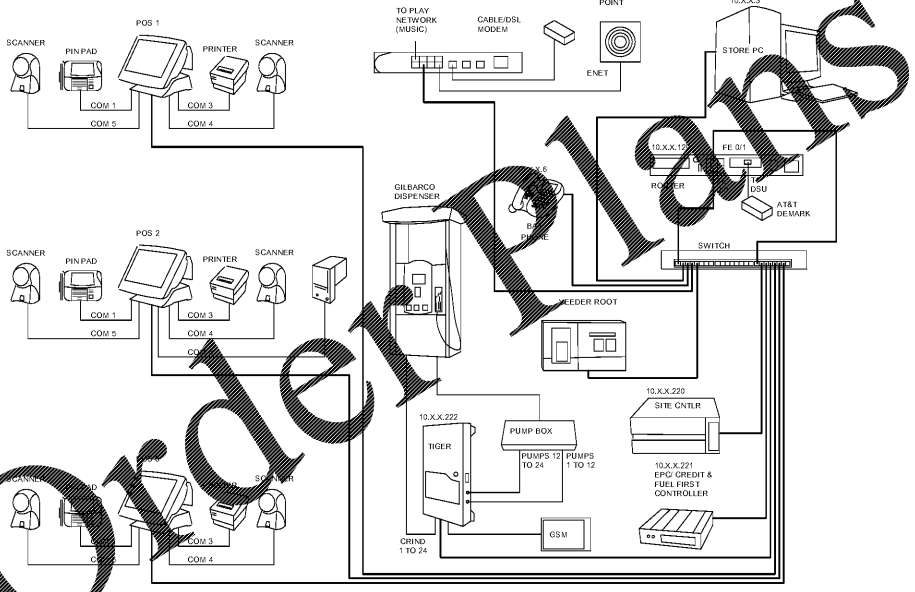


4 TIGER CONFIGURATION DETAIL
 N.T.S.

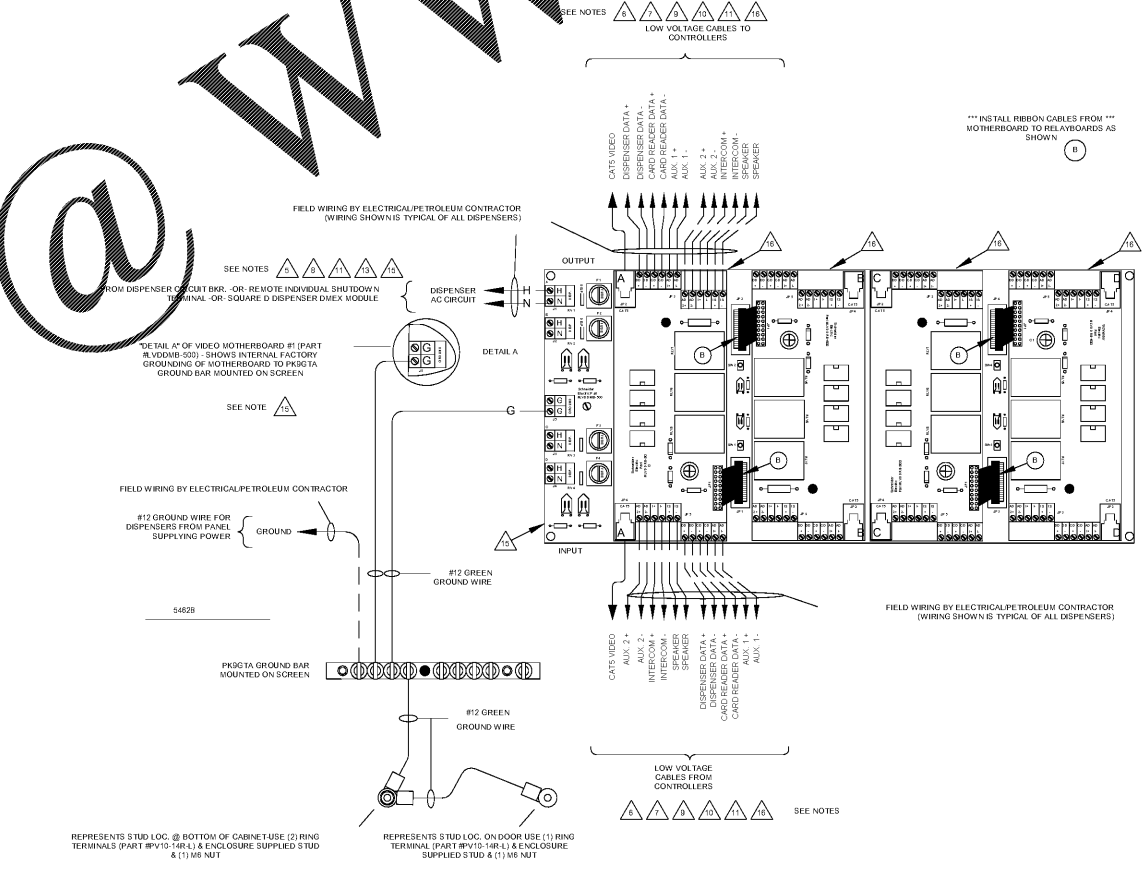
GENERAL NOTES FOR THE LOW VOLTAGE DISPENSER DISCONNECT:

- ⚠ BEFORE STARTING THE INSTALLATION PROCESS PLEASE READ ALL NOTES AND LOW VOLTAGE DISPENSER DISCONNECT INSTRUCTION BULLETIN.
- ⚠ TIS-450 SENSOR CABLING SHALL BE BELDEN #86780 (1) #18 SHIELDED TWISTED PAIR.
- ⚠ AS SOME SYSTEMS HAVE BOOTING SEQUENCES WHEN STARTING, THE 1VDD SHOULD BE ENERGIZED AND THEN BRING UP DEVICES ASSOCIATED WITH THE 1VDD AS PER THEIR MANUFACTURER'S INSTRUCTIONS. ALSO CAREFULLY READ LVDD INSTRUCTION BULLETIN SECTION 5 - PRE-ENERGIZING CHECKOUT PROCEDURE AND SECTION 6 - ENERGIZING THE LVDD.
- ⚠ ALL EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, NFPA 70. PLEASE NOTE: DATA, VIDEO, AND INTERCOM ARE CONSIDERED CLASS 1 CIRCUITS.
- ⚠ POWER WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURER'S RECOMMENDATIONS.
- ⚠ DATA WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURER'S RECOMMENDATIONS.
- ⚠ INTERCOM WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURER'S RECOMMENDATIONS. DISPENSER INTERCOM CABLES SHALL BE BELDEN #86723 (2) #22 SHIELDED TWISTED PAIR.
- ⚠ THE DISPENSER "AC" POWER IS FROM EITHER THE ASSOCIATED DISPENSER CIRCUIT BREAKER OR THE RESPECTIVE INDIVIDUAL SHUTDOWN TERMINAL ON THE SQUARE D PADS ONE FOR EACH 1VDD MOTHER BOARD (AS SHOWN AT LEFT). ALSO CAREFULLY READ LVDD INSTRUCTION BULLETIN SECTIONS "ELECTRICAL INSTALLATION", "CABLE PULLING" AND "CABLE TERMINATIONS".
- ⚠ DISPENSER "AC" (POWER) AND "DC" (DATA) TYPICALLY RUN IN SEPARATE CONDUITS, OR PER DISPENSER MANUFACTURER'S REQUIREMENTS.
- ⚠ THE WIRE SIZE AND NUMBER OF CONDUCTORS REQUIRED FOR COMMUNICATION DATA (DC) WIRING MUST BE DETERMINED BY THE SPECIFICATIONS OF THE DISPENSER MANUFACTURER. TYPICALLY (2) CONDUCTORS (NORMALLY SHIELDED CABLE) ARE REQUIRED WHEN CARD READERS ARE USED IN THE DISPENSERS.
- ⚠ THE DISPENSER CONTROL WIRING SHOWN ON THIS DRAWING IS FOR ONE DISPENSER. ALTHOUGH THE NUMBER OF DISPENSERS USED FOR EACH JOB MAY VARY THE WIRING SHOWN IS TYPICAL OF ALL DISPENSERS.
- ⚠ ALL SOLID LINES (—) REPRESENT FACTORY WIRING.
- ⚠ ALL DASHED LINES (---) REPRESENT FIELD WIRING.
- ⚠ ALL MAIN DISCONNECT & BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY OTHERS.
- ⚠ VIDEO MOTHERBOARD (PART #LVDDIB-503), THE NUMBER OF MOTHERBOARDS VARIES DEPENDING ON WHICH MODEL OF LOW VOLTAGE DISPENSER DISCONNECT IS ORDERED, INCLUDING POWER/CONTROL WIRING SHOWN ON THIS DRAWING IS TYPICAL OF ALL.
- ⚠ VIDEO RELAYBOARD (PART #LVDRB-503), THE NUMBER OF RELAYBOARDS VARIES DEPENDING ON WHICH MODEL OF LOW VOLTAGE DISPENSER DISCONNECT IS ORDERED. CONTROL WIRING SHOWN ON THIS DRAWING IS TYPICAL OF ALL.

VIDEO	VIDEO RELAYBOARD (PART #LVDRB-503)	VIDEO MOTHERBOARD (PART #LVDDIB-503)	VIDEO MOTHERBOARD (PART #LVDDIB-503)	VIDEO MOTHERBOARD (PART #LVDDIB-503)	VIDEO MOTHERBOARD (PART #LVDDIB-503)
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4



1 POINT OF SALE WIRING DETAIL
 N.T.S.



2 LVDD WIRING (VIDEO MODELS WITH (2) MOTHERBOARDS DETAIL)
 N.T.S.

Order Plans

WWW.LDLINE.COM



REPRESENTS STUD LOC. @ BOTTOM OF CABINET USE (2) RING TERMINALS (PART #PV10-14R-L) & ENCLOSURE SUPPLIED STUD & (1) #18 NUT

REPRESENTS STUD LOC. ON DOOR USE (1) RING TERMINAL (PART #PV10-14R-L) & ENCLOSURE SUPPLIED STUD & (1) #18 NUT