

ISSUE/REVISION RECORD

DATE	DESCRIPTION
05/04/18	ISSUED FOR PERMIT

RaceTrac

RACETRAC PETROLEUM, INC.
 200 GALLERIA PARKWAY SOUTHEAST
 SUITE 900
 ATLANTA, GEORGIA 30339
 (770) 431-7600

PROJECT NAME

**PEACHTREE
 PKWY & ENG.**

**PEACHTREE
 CORNERS**

5780 PEACHTREE PKWY
 PEACHTREE CORNERS, GA
 RACETRAC STORE NUMBER

1201

PROTOTYPE SERIES 5.5K 2.0
 2018 RH MO

PLAN MODIFICATION NOTICE

SPB NO. DATE
 STANDARD PLAN BULLETINS (SPB) MODIFY THE
 PROTOTYPE SERIES SET NOTED ABOVE. 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.

PROFESSIONAL SEAL



09/04/18

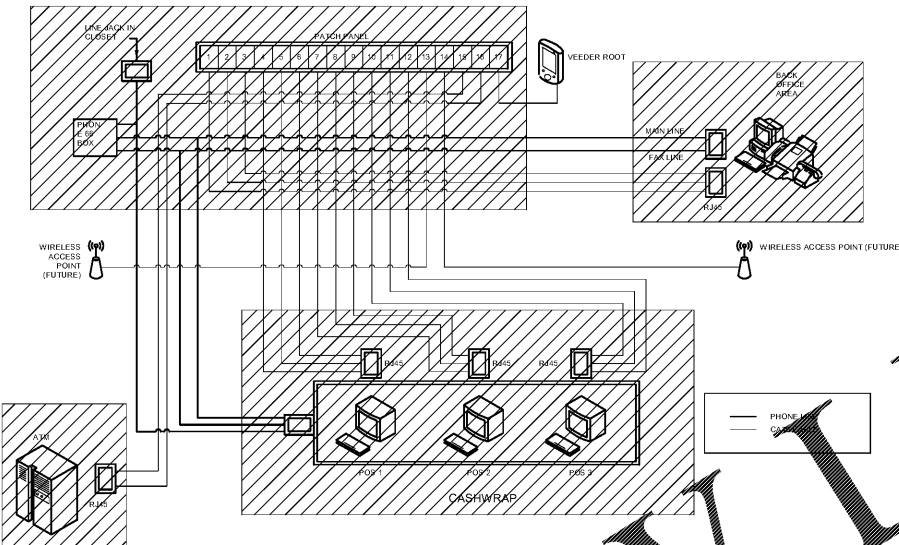
PROJECT NUMBER
 18.703.00

SHEET TITLE
**ELECTRICAL
 DETAILS**

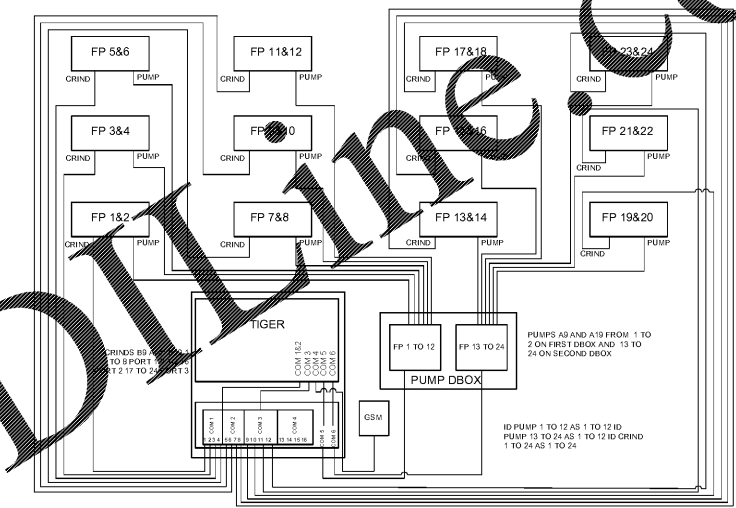
SHEET NUMBER

E601

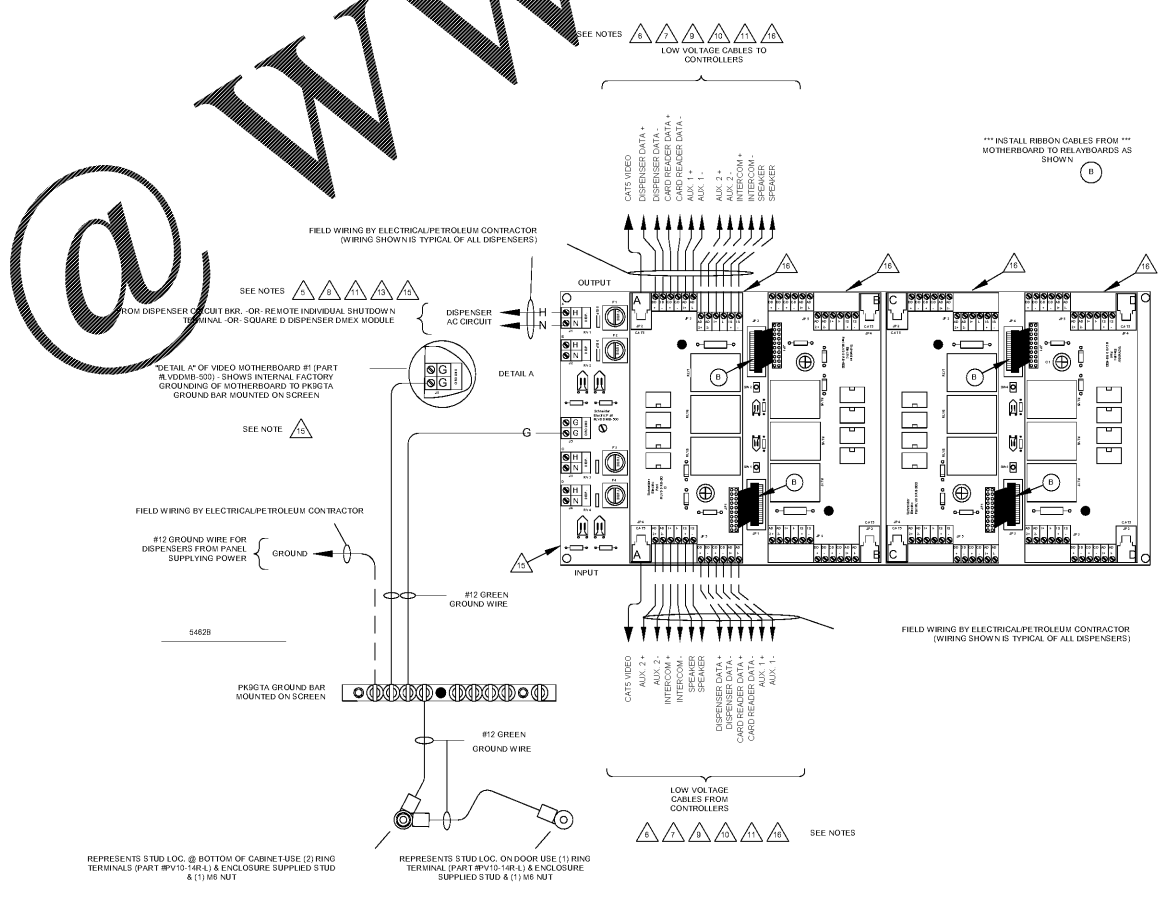
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3 LOW VOLTAGE WIRING DETAIL
 N.T.S.



4 TIGER CONFIGURATION DETAIL
 N.T.S.



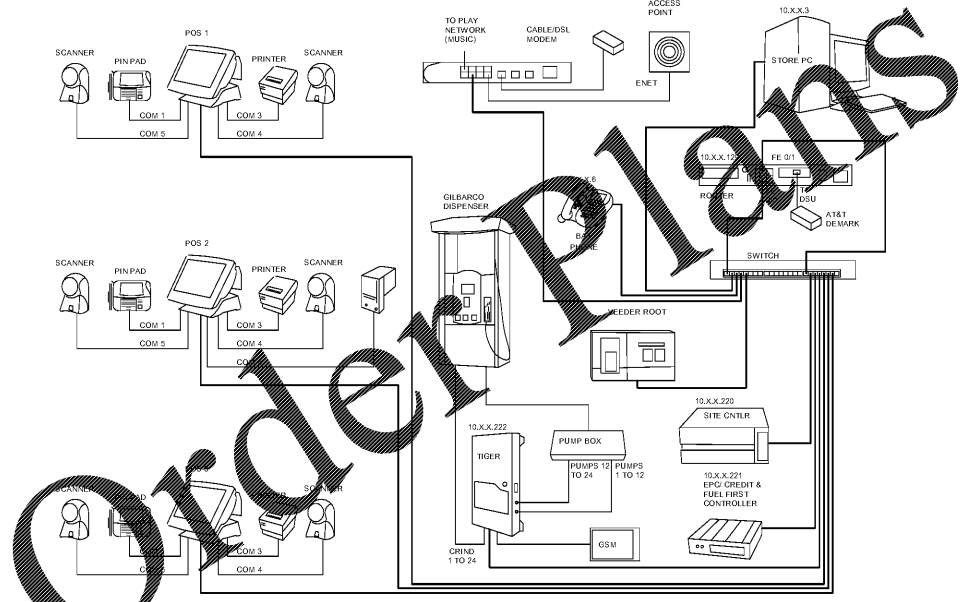
2 LVDD WIRING (VIDEO MODELS WITH (2) MOTHERBOARDS DETAIL)
 N.T.S.

GENERAL NOTES FOR THE LOW VOLTAGE DISPENSER DISCONNECT:

- ▲ BEFORE STARTING THE INSTALLATION PROCESS PLEASE READ ALL NOTES AND LOW VOLTAGE DISPENSER DISCONNECT INSTRUCTION BULLETIN.
- ▲ TLS-450 SENSOR CABLES SHALL BE BELDEN #87890 (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 #88723 (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 PACE MAKER FOR EACH 1VDD* MOTHERBOARD (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 #VDDIB-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 #VDDRE-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	RELAYBOARD	DISCONNECT	DISCONNECT	DISCONNECT
1VDD1	1VDD1	1VDD1	1VDD1	1VDD1
1VDD2	1VDD2	1VDD2	1VDD2	1VDD2
1VDD3	1VDD3	1VDD3	1VDD3	1VDD3
1VDD4	1VDD4	1VDD4	1VDD4	1VDD4
1VDD5	1VDD5	1VDD5	1VDD5	1VDD5

ORDER #: 54829



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

Order Plans

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