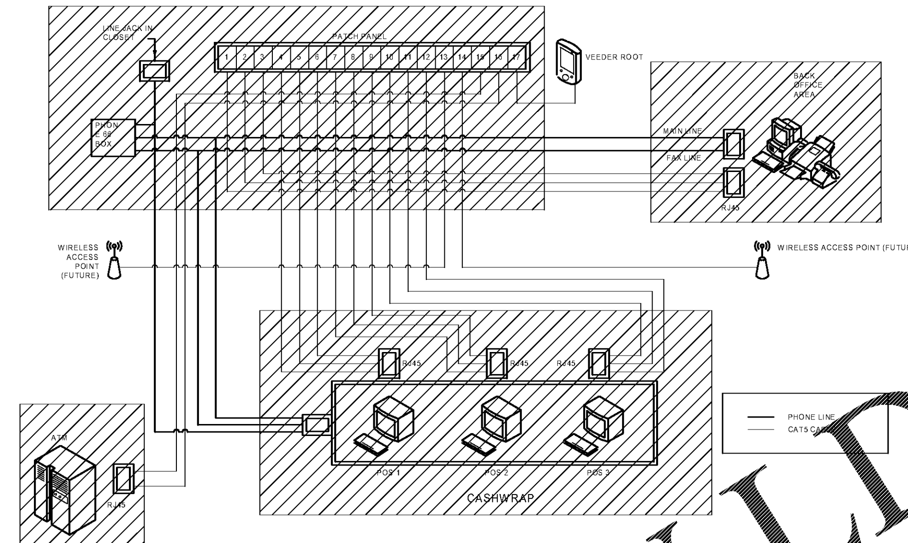
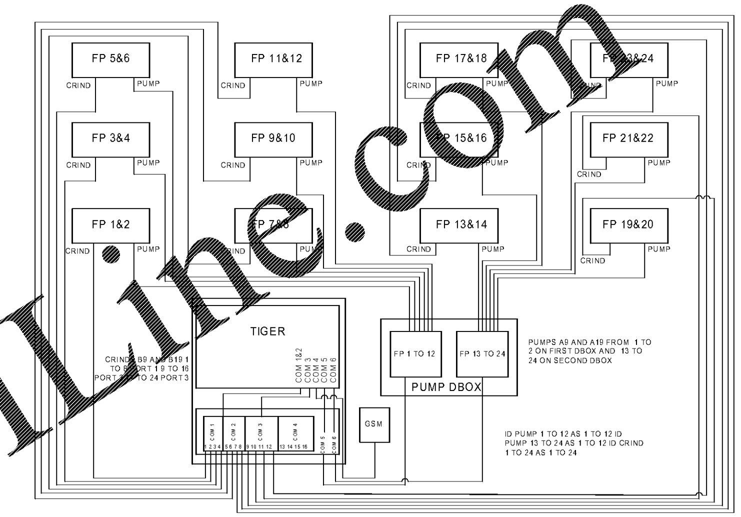
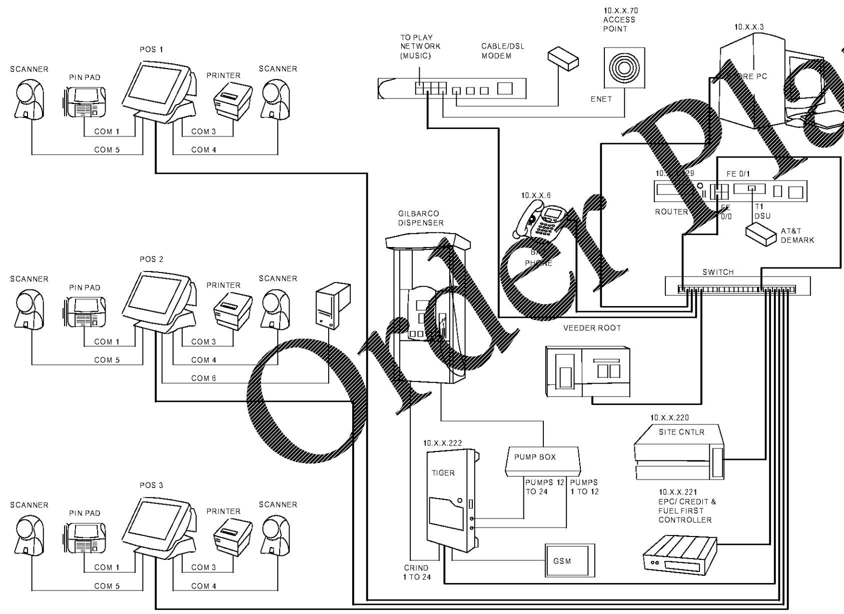


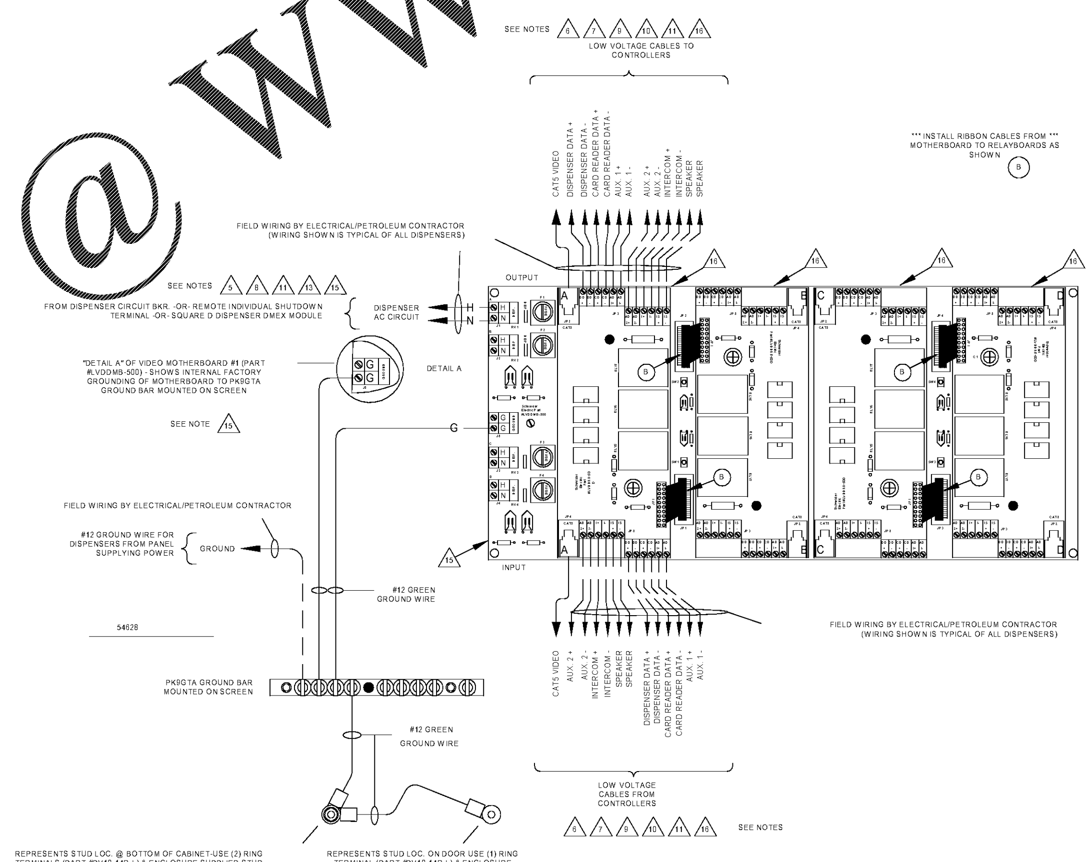
3 LOW VOLTAGE WIRING DETAIL
N.T.S.



4 TIGER CONFIGURATION DETAIL
N.T.S.



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



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

GENERAL NOTES FOR THE LOW VOLTAGE DISPENSER DISCONNECT:

1. BEFORE STARTING THE INSTALLATION PROCESS PLEASE READ ALL NOTES AND LOW VOLTAGE DISPENSER DISCONNECT INSTRUCTION BULLETIN.
2. TLS-450 SENSOR CABLING SHALL BE BELDEN #88760 / (1) #18 SHIELDED TWISTED PAIR.
3. AS SOME SYSTEMS HAVE BOOTING SEQUENCES WHEN STARTING. THE "LVDD" SHOULD BE ENERGIZED AND THEN BRING UP DEVICES ASSOCIATED WITH THE "LVDD" AS PER THEIR MANUFACTURERS INSTRUCTIONS. ALSO CAREFULLY READ LVDD INSTRUCTION BULLETIN SECTION 5 - PRE-ENERGIZING CHECKOUT PROCEDURE AND SECTION 6 - ENERGIZING THE LVDD.
4. 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.
5. POWER WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURERS RECOMMENDATIONS.
6. DATA WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURERS RECOMMENDATIONS.
7. INTERCOM WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURERS RECOMMENDATIONS. DISPENSER INTERCOM CABLES SHALL BE BELDEN #88723 / (2) #22 SHIELDED TWISTED PAIR.
8. THE DISPENSER "AC" POWER IS FROM EITHER THE ASSOCIATED DISPENSER CIRCUIT BREAKER -OR- THE REMOTE INDIVIDUAL SHUTDOWN TERMINAL ON THE SQUARE D IPaCS DMEX FOR EACH "LVDD" MOTHER BOARD (AS SHOWN AT LEFT). ALSO CAREFULLY READ LVDD INSTRUCTION BULLETIN SECTIONS "ELECTRICAL INSTALLATION", "CABLE PULLING" AND "CABLE TERMINATIONS".
9. DISPENSER "AC" (POWER) AND "DC" (DATA) TYPICALLY RUN IN SEPARATE CONDUITS, OR PER DISPENSER MANUFACTURERS REQUIREMENTS.
10. 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.
11. 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.
12. ALL SOLID LINES (——) REPRESENT FACTORY WIRING.
13. ALL DASHED LINES (——) REPRESENT FIELD WIRING.
14. ALL MAIN DISCONNECT & BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY OTHERS.
15. VIDEO MOTHERBOARD (PART #LVDDMB-500). THE NUMBER OF MOTHERBOARDS VARIES DEPENDING ON WHICH MODEL OF LOW VOLTAGE DISPENSER DISCONNECT IS ORDERED. INCOMING POWER/CONTROL WIRING SHOWN ON THIS DRAWING IS TYPICAL OF ALL.
16. VIDEO RELAYBOARD (PART #LVDDRB-500). 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.

	MODEL NUMBERS USING THIS DWG	OVERVIEW DRAWING NUMBER	WIRING DRAWING NUMBER	MOTHERBOARD PART#	QTY	RELAYBOARD PART#	QTY
VIDEO	LVDD-V-4X*	LVDD-V-O2M	LVDD-V-W2M	LVDDMB-500	1*	LVDDRB-500	4
	LVDD-V-5			LVDDMB-500	2	LVDDRB-500	5
	LVDD-V-6			LVDDMB-500	2	LVDDRB-500	6
	LVDD-V-7			LVDDMB-500	2	LVDDRB-500	7
	LVDD-V-8			LVDDMB-500	2	LVDDRB-500	8

*SPECIAL NOTE: MODEL NUMBER LVDD-V-4X WILL HAVE QTY OF (1) MOTHERBOARD INSTALLED WITH ROOM TO ADD (1) MOTHERBOARD

ORDER #: 54628

RaceTrac®

DESIGN PROFESSIONALS

GPD GROUP
Professional Corporation
520 S. MAIN STREET, STE 2531
AKRON, OH 44311

ISSUE/REVISION RECORD

DATE	DESCRIPTION
01/25/19	PERMIT SET
03/16/20	REFRESH TO 2020.0113

RaceTrac®

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

PROJECT NAME
HWY 316 @ 81

BETHLEHEM
GA 30620
839 LOGANVILLE HWY

RACETRAC STORE NUMBER
#1304

PROTOTYPE SERIES 5.5K 2.0
2018 LH MO 0405

PLAN MODIFICATION NOTICE
SPB NO. 0405 **DATE** 12/18/18

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 BULLETINS NOT INCORPORATED HEREIN.

PROFESSIONAL SEAL

FOR REFERENCE ONLY

PROJECT NUMBER
2018157.19

SHEET TITLE
ELECTRICAL DETAILS

SHEET NUMBER
E601