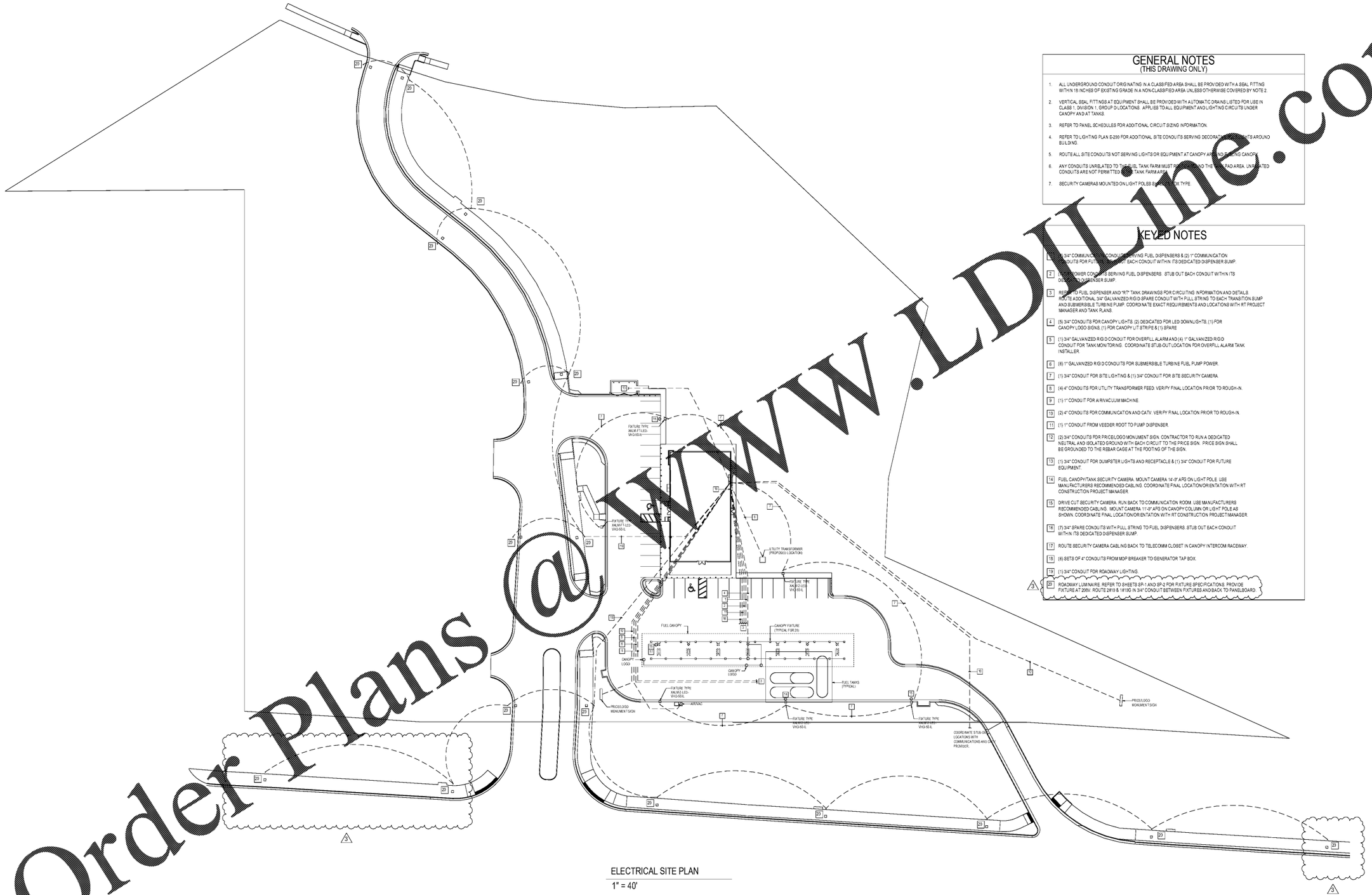


ELECTRICAL SITE PLAN

1" = 40'

## GENERAL NOTES
(THIS DRAWING ONLY)

1. ALL UNDERGROUND CONDUIT ORIGINATING IN A CLASSIFIED AREA SHALL BE PROVIDED WITH A SEAL FITTING WITHIN 18 INCHES OF EXISTING GRADE IN A NON-CLASSIFIED AREA UNLESS OTHERWISE COVERED BY NOTE 2.
2. VERTICAL SEAL FITTINGS AT EQUIPMENT SHALL BE PROVIDED WITH AUTOMATIC DRAINS LISTED FOR USE IN CLASS 1, DIVISION 1, GROUP D LOCATIONS. APPLIES TO ALL EQUIPMENT AND LIGHTING CIRCUITS UNDER CANOPY AND AT TANKS.
3. REFER TO PANEL SCHEDULES FOR ADDITIONAL CIRCUIT SIZING INFORMATION.
4. REFER TO LIGHTING PLAN E-200 FOR ADDITIONAL SITE CONDUITS SERVING DECORATIVE LIGHTS AROUND BUILDING.
5. ROUTE ALL SITE CONDUITS NOT SERVING LIGHTS OR EQUIPMENT AT CANOPY AROUND BUILDING CANOPY.
6. ANY CONDUITS UNRELATED TO THE FUEL TANK FARM MUST BE ROUTED AROUND THE TANK PAD AREA. UNRELATED CONDUITS ARE NOT PERMITTED UNDER TANK FARM AREA.
7. SECURITY CAMERAS MOUNTED ON LIGHT POLES SHALL BE FLEX TYPE.

## KEYED NOTES

1. (2) 3/4" COMMUNICATION CONDUITS SERVING FUEL DISPENSERS & (2) 1" COMMUNICATION CONDUITS FOR FUTURE. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
2. (4) POWER CONDUITS SERVING FUEL DISPENSERS. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
3. REFER TO FUEL DISPENSER AND "RT" TANK DRAWINGS FOR CIRCUITING INFORMATION AND DETAILS. ROUTE ADDITIONAL 3/4" GALVANIZED RIGID SPARE CONDUIT WITH PULL STRING TO EACH TRANSITION SUMP AND SUBMERSIBLE TURBINE PUMP. COORDINATE EXACT REQUIREMENTS AND LOCATIONS WITH RT PROJECT MANAGER AND TANK PLANS.
4. (5) 3/4" CONDUITS FOR CANOPY LIGHTS. (2) DEDICATED FOR LED DOWNLIGHTS, (1) FOR CANOPY LOGO SIGNS, (1) FOR CANOPY LIT STRIPE & (1) SPARE
5. (1) 3/4" GALVANIZED RIGID CONDUIT FOR OVERFILL ALARM AND (4) 1" GALVANIZED RIGID CONDUIT FOR TANK MONITORING. COORDINATE STUB-OUT LOCATION FOR OVERFILL ALARM TANK INSTALLER.
6. (6) 1" GALVANIZED RIGID CONDUITS FOR SUBMERSIBLE TURBINE FUEL PUMP POWER.
7. (1) 3/4" CONDUIT FOR SITE LIGHTING & (1) 3/4" CONDUIT FOR SITE SECURITY CAMERA.
8. (4) 4" CONDUITS FOR UTILITY TRANSFORMER FEED. VERIFY FINAL LOCATION PRIOR TO ROUGH-IN.
9. (1) 1" CONDUIT FOR AIR/VACUUM MACHINE.
10. (2) 4" CONDUITS FOR COMMUNICATION AND CATV. VERIFY FINAL LOCATION PRIOR TO ROUGH-IN.
11. (1) 1" CONDUIT FROM VEEDER ROOT TO PUMP DISPENSER.
12. (2) 3/4" CONDUITS FOR PRICE/LOGO MONUMENT SIGN. CONTRACTOR TO RUN A DEDICATED NEUTRAL AND ISOLATED GROUND WITH EACH CIRCUIT TO THE PRICE SIGN. PRICE SIGN SHALL BE GROUNDED TO THE REBAR CAGE AT THE FOOTING OF THE SIGN.
13. (1) 3/4" CONDUIT FOR DUMPSTER LIGHTS AND RECEPTACLE & (1) 3/4" CONDUIT FOR FUTURE EQUIPMENT.
14. FUEL CANOPY/TANK SECURITY CAMERA. MOUNT CAMERA 14'-0" AFG ON LIGHT POLE. USE MANUFACTURERS RECOMMENDED CABLING. COORDINATE FINAL LOCATION/ORIENTATION WITH RT CONSTRUCTION PROJECT MANAGER.
15. DRIVE CUT SECURITY CAMERA. RUN BACK TO COMMUNICATION ROOM. USE MANUFACTURERS RECOMMENDED CABLING. MOUNT CAMERA 11'-0" AFG ON CANOPY COLUMN OR LIGHT POLE AS SHOWN. COORDINATE FINAL LOCATION/ORIENTATION WITH RT CONSTRUCTION PROJECT MANAGER.
16. (7) 3/4" SPARE CONDUITS WITH PULL STRING TO FUEL DISPENSERS. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
17. ROUTE SECURITY CAMERA CABLING BACK TO TELECOMM CLOSET IN CANOPY INTERCOM RACEWAY.
18. (6) SETS OF 4" CONDUITS FROM MDP BREAKER TO GENERATOR TAP BOX.
19. (1) 3/4" CONDUIT FOR ROADWAY LIGHTING.
20. ROADWAY LUMINAIRE. REFER TO SHEETS SP-1 AND SP-2 FOR FIXTURE SPECIFICATIONS. PROVIDE FIXTURE AT 208V. ROUTE 2#10 & 1#10G IN 3/4" CONDUIT BETWEEN FIXTURES AND BACK TO PANELBOARD.

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| DATE | DESCRIPTION |
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| 09/04/18 | ISSUED FOR PERMIT |
| 10/18/18 | PERMIT COMMENTS |

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# PEACHTREE PKWY & ENG.

**PEACHTREE CORNERS**
**5780 PEACHTREE PKWY**
**PEACHTREE CORNERS, GA**

**RACETRAC STORE NUMBER**

**1201**

**PROTOTYPE SERIES 5.5K 2.0**
**2018 RH MO**

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GEORGIA REGISTERED No. 16276 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.

10/18/18

**PROJECT NUMBER**
18.703.00

**SHEET TITLE**

# ELECTRICAL SITE PLAN

**SHEET NUMBER**

# E010

**ISSUED FOR PERMIT**