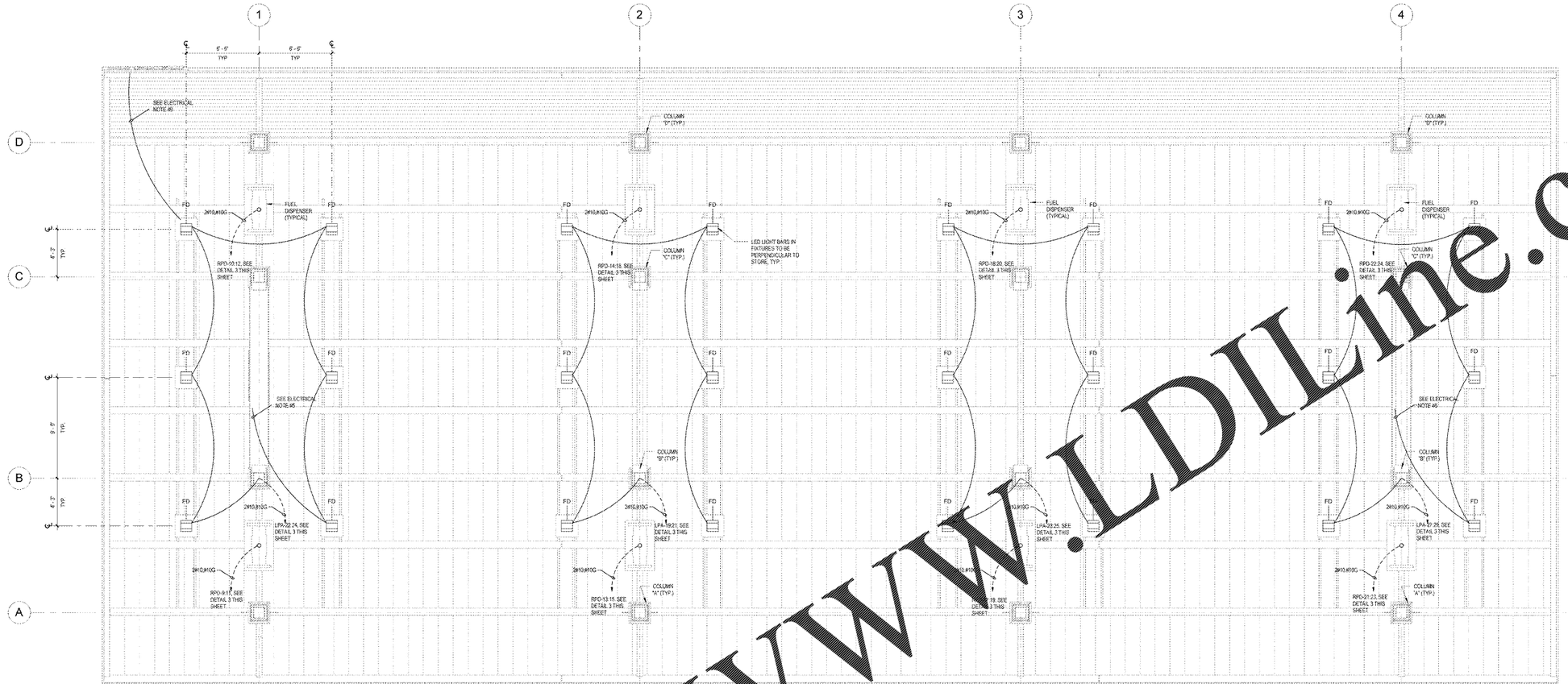
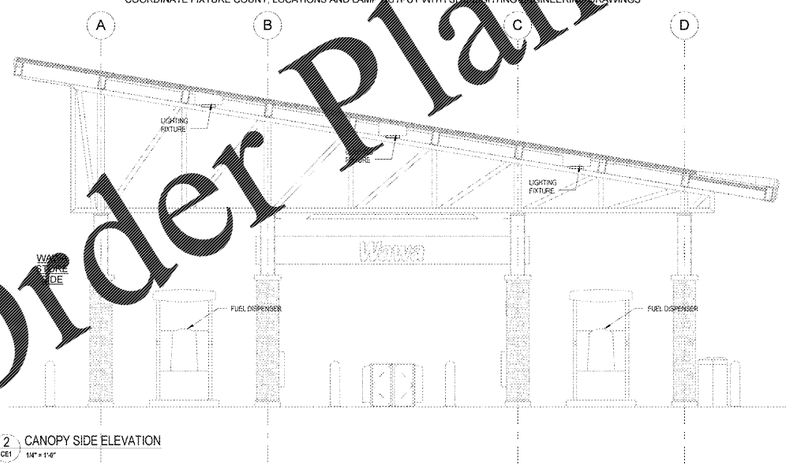



1 CE1 CANOPY ELECTRICAL REFLECTED CEILING PLAN
1/8" = 1'-0"

| Lighting Fixture Schedule | | | | | | |
|---|---|---|---|---|---|---|
| TYPE | MANUF | CATALOG NO. | VOLT | WATTS | LAMPS / FIXTURE | MGT. |
| FD | | LED - DECK MOUNT - SLOPED ADAPTER | 24 | 114 W | 1 | SURFACE |

**ALL LIGHT FIXTURES AND LAMPS SUPPLIED BY WAWA, G.C. TO COORDINATE INSTALLATION WITH E.C. AND CANOPY VENDOR.**
COORDINATE FIXTURE COUNT, LOCATIONS AND LAMP OUTPUT WITH SITE LIGHTING ENGINEERING DRAWINGS




2 CE1 CANOPY SIDE ELEVATION
1/4" = 1'-0"

WAWA STORE SIDE

**ELECTRICAL NOTES**

1. ALL FIXTURES AND COMPONENTS SHALL BE GROUNDED BY A SEPARATE # 10 GROUND WIRE.
2. PETROLEUM CONTRACTOR TO PULL WIRING FOR INTERCOM AT CANOPY (SUPPLIED BY OTHERS).
3. THE CONDUIT FOR THE "FD" FIXTURES TO RUN ALONG THE GUTTER PAN AND RUN TO THE FIXTURES IN THE FLUTES OF THE DECKING. NO CONDUIT SHOULD BE VISIBLE FROM BELOW THE CANOPY.
4. FOR DISPENSER DATA, VEEDER ROOT SENSOR, AND INTERCOM/MUSIC PROVIDE CONDUCTORS AND CONNECTIONS AS REQUIRED. COORDINATE WITH WAWA CONSTRUCTION MANAGER.
5. USE THIS CIRCUIT TO PROVIDE POWER TO 208 VOLT ILLUMINATED SIGN AT THIS LOCATION BETWEEN CANOPY COLUMNS AT APPROXIMATELY 12' AFG.
6. ELECTRICAL CONTRACTOR TO COORDINATE WITH PETROLEUM CONTRACTOR AND GENERAL CONTRACTOR TO MAKE SURE THAT SEAL OFF FITTINGS AS REQUIRED ARE PROVIDED FOR CONDUITS ENTERING THE FUEL DISPENSERS AND THAT THE ELECTRICAL INSTALLATION AT THE GAS CANOPY AND FUEL TANKS IS IN ACCORDANCE WITH NEC ARTICLE 514.
7. FOR BRANCH CIRCUITS CUT TO CANOPY AREA, IF CIRCUIT LENGTH EXCEEDS 100 FEET WIRE/CONDUIT MUST BE SIZED PER FBC-13-413.1 ASC 1.2 (FLORIDA ONLY)
8. LIGHT FIXTURES PROVIDED BY WAWA, G.C. TO COORDINATE INSTALLATION OF CONDUIT, WIRING AND FINAL CONNECTION WITH E.C. AND CANOPY VENDOR
9. WAWA GOOSE NECK, E.C. TO VERIFY EXACT LOCATION WITH G.C. AND ARCHITECTURAL DRAWINGS. E.C. TO RUN WIRING, CONDUIT AND CONNECT TO LOCAL CIRCUITRY.

**GASOLINE CONDUIT REQUIREMENTS:**

(1) 1" GRC SPARE TO COLUMN A OR C AS DICTATED BY FUEL COURT LAYOUT. (SEE SHEET CE1)

(1) 1" GRC TO CANOPY COLUMN FOR LIGHTING. (COLUMN FURTHEST FROM STORE) - COLUMN B. (SEE SHEET CE1 FOR COUNT)

(4) 3/4" GRC TO EACH DISPENSER. (1 POWER, 1 DATA, 1 MUSIC/INTERCOM, 1 FUEL-TANK MONITOR SENSOR)

(2) 1" GRC TO EACH TANK STP CONTAINMENT SUMP F.E. PETRO POWER (1 POWER, 1 SPARE)

(1) 3/4" GRC TO EACH TANK STP COMPARTMENT SUMP (FUEL-TANK MONITOR MAGNOSTRICTIVE PROBE AND FUEL-TANK MONITOR SENSOR)

(1) 3/4" GRC TO EACH TANK MULTIPORT CONTAINMENT SUMP. (FUEL-TANK MONITOR MULTI-PORT FILL SUMP)

(1) 3/4" GRC TO EACH TANK. (FUEL-TANK MONITOR BRINE INTERSTITIAL RESERVOIR)

(1) 1" GRC TO OVERFILL ALARM. (ON VENT STACK)

(1) 1" GRC TO VENT STACK (SPARE)

(1) 1" GRC TO E-STOP AT STREET SIDE OF GAS CANOPY (SEE NOTE 15 ON SHEET E4)

6 CE1 Gas Canopy Conduits Notes
1/4" = 1'-0"

**TANKS AND CANOPY CONDUITS AND CONDUCTORS NOTE**

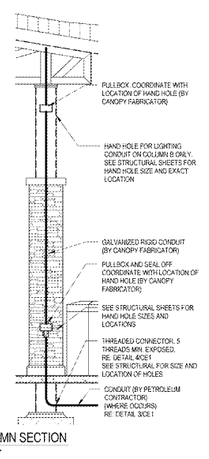
THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL GRC CONDUIT, ASSOCIATED FITTINGS AND WIRE NECESSARY TO PROVIDE A COMPLETE ELECTRICAL SYSTEM FOR THE GAS CANOPY, FUEL TANKS, MUSIC AND INTERCOM SYSTEM.

HOWEVER, THE FOLLOWING CONDUIT SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR INDICATED BELOW.

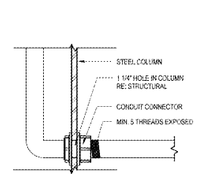
FUEL TANKS
PETROLEUM CONTRACTOR SHALL FURNISH AND INSTALL THE CONDUIT FROM THE EDGE OF THE FUEL TANK CONCRETE PAD AND TERMINATE AT THE TANK EQUIPMENT.

GAS CANOPY
PETROLEUM CONTRACTOR - SHALL FURNISH AND INSTALL THE CONDUIT FROM THE EDGE OF THE CONCRETE CANOPY PAD TO THE BASE OF THE CANOPY COLUMNS WHERE THEY WILL MAKE A THREADED CONNECTION. (REFER TO DETAIL 4/CE1) CANOPY FABRICATOR SHALL FURNISH AND INSTALL THE THREADED CONNECTOR (MIN 5 EXPOSED THREADS) AT THE BASE OF THE CANOPY COLUMN AND CONTINUE UP THROUGH THE COLUMN TO A SEAL OFF AND J-BOX AT 2'-4" THEN CONTINUE WITH RIGID CONDUIT TO THE BOTTOM OF THE CANOPY WHERE IT WILL TRANSITION INTO SEALTIGHT CONDUIT AND TERMINATE AT THE FIRST ROW OF LIGHTS. G.C. SHALL CONNECT INTO THE FIRST ROW OF LIGHTS AND COMPLETE THE ELECTRICAL CANOPY LIGHTING.

PETROLEUM CONTRACTOR SHALL ALSO INSTALL THE CONDUIT FROM THE EDGE OF THE CONCRETE CANOPY PAD TO THE TERMINATION POINT FOR THE MUSIC AND INTERCOM SYSTEMS.




5 CE1 COLUMN SECTION
3/8" = 1'-0"




4 CE1 THREADED CONNECTION
3" = 1'-0"

**GASOLINE CANOPY CONDUIT REQUIREMENTS:**

(1) 3/4" GRC TO EACH DISPENSER FOR INTERCOM/MUSIC

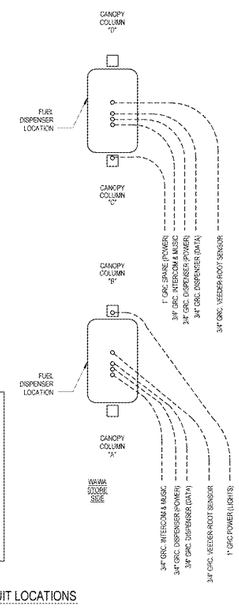
(1) 1" GRC TO EACH CANOPY COLUMN C FOR SPARE

(1) 1" GRC TO EACH CANOPY COLUMN B FOR CANOPY LIGHTING. (EACH COLUMN FURTHEST FROM STORE AT FIRST ROW OF DISPENSERS)

(2) 3/4" GRC TO EACH DISPENSER. (1 POWER, 1 DATA)

(1) 3/4" GRC TO EACH DISPENSER. (VEEDER-ROOT SENSOR)

3 CE1 CANOPY CONDUIT LOCATIONS
1 1/2" = 1'-0"




Order Plans @ WWW.LDILine.com

Cantrell & Peterson
Architects Engineers Planners
Corporate Certificate # AA C 000525
Northwest Avenue, Tallahassee, FL 32314
Ph. 850.878.6161 Fax 850.878.6101
www.cpfl.com

CLIENT NAME
WAWA
260 WEST BALTIMORE PIKE
WAWA, PENNSYLVANIA 19063

PROJECT NAME
WAWA STACKED 8 GAS CANOPY 2018.01 STORE #6292-TLR
U.S 17-92 TAYLOR RD.
DELAND, FLORIDA

SHEET TITLE
ELECTRICAL CANOPY PLANS, DETAILS, SCHEDULES

| Revision Schedule | | |
|---|---|---|
| No. | Description | Date |
| | PERMIT SET | 09/05/2019 |
| | PHASE REVIEW SET | 09/20/2019 |
| | BID SET | 10/21/2019 |

| | |
|---|---|
| PROJECT NO. | 2170195 |
| DATE | 09-05-2019 |
| DRAWN | MJS |
| CHECKED | JFM |

CE1