

GENERAL NOTES

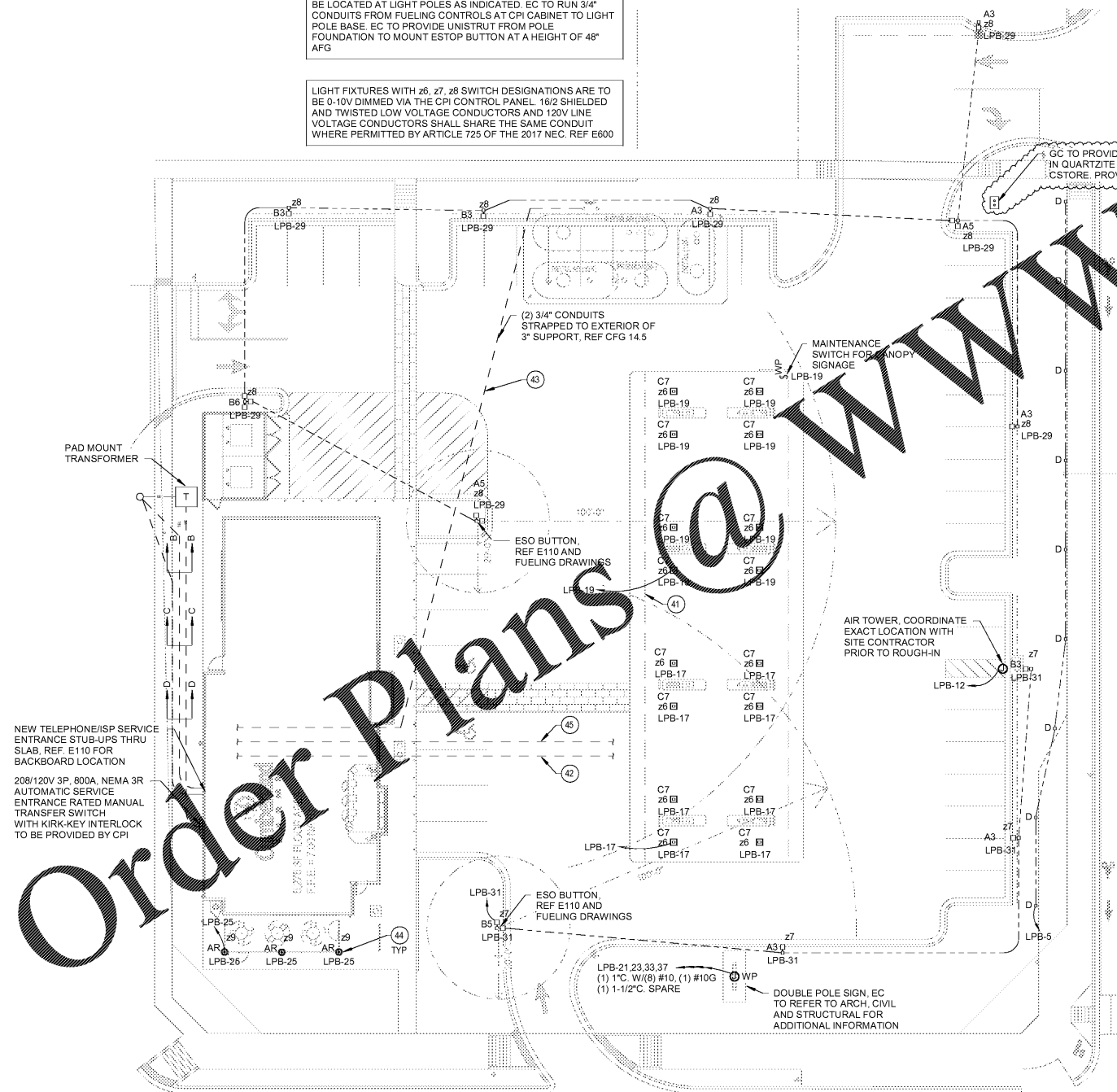
- PROVIDE NEW UNDERGROUND ELECTRICAL, TELEPHONE SERVICES WITH NEW CONDUIT POLE RISERS, FUSED CUT-OUTS BY LOCAL UTILITY Co. ROUTE NEW SERVICES BELOW GRADE AS INDICATED, COORDINATE EXACT LOCATIONS AND ROUTING WITH SITE CONTRACTOR. COORDINATE FINAL CONNECTION REQUIREMENTS AND POWER SHUT DOWNS WITH LOCAL TELEPHONE AND ELECTRICAL Co. SERVICE REPRESENTATIVE FIELD ENGINEERS.
- PVC SCHEDULE 40 CONDUITS, FROM PUMP ISLAND TO ACCESS DRIVEWAY/PARKING STALLS UNTIL CONDUITS ARE PASSING THE EXTERIOR WALLS OF THE BUILDING.
- 1" PVC SCHEDULE 40 CONDUIT, FOR THE LENGTH OF THE ENTRANCE, TYPICAL FOR ALL CONDUITS BELOW ROADWAY/DRIVE LANES. PROVIDE WITH UNDERGROUND ELECTRICAL WARNING TAPE AND COMPACTED IN 6" SAND MINIMUM ALL AROUND CONDUIT.
- E.C. SHALL PROVIDE FOR "DEMOLITION WORK REQUEST" ORDER FROM THE LOCAL UTILITY CO PRIOR TO COMMENCEMENT OF ANY DEMO WORK.
- E.C. SHALL PROVIDE FOR "TEMPORARY POWER WORK REQUEST" ORDER FROM THE LOCAL UTILITY CO PRIOR TO COMMENCEMENT OF ANY NEW WORK.
- ALL NEW POLE RISERS SHALL BE LOCATED ON OPPOSITE SIDE OF POLE FROM TRAFFIC DIRECTION TO AVOID VEHICLE DAMAGE POTENTIAL.
- BRANCH CIRCUIT OR FEEDER SHALL BE PROVIDED WITH THE PROPER CONDUIT SEALS, IN ACCORDANCE WITH NEC ARTICLES 500, 501, 514 AND 514.11. E.C. SHALL ALSO CLEARLY MARK AND INDICATE CIRCUITS PASSING THROUGH A DISPENSER.
- WIRING AND EQUIPMENT IN CLASS 1, DIV. 1 AND 2 LOCATIONS SHALL BE GROUNDED AS SPECIFIED IN THE NEC ARTICLE 250 AND IN ACCORDANCE WITH THE REQUIREMENTS OF NEC ARTICLES 501.30 (A) AND (B), 514.16

KEYNOTES

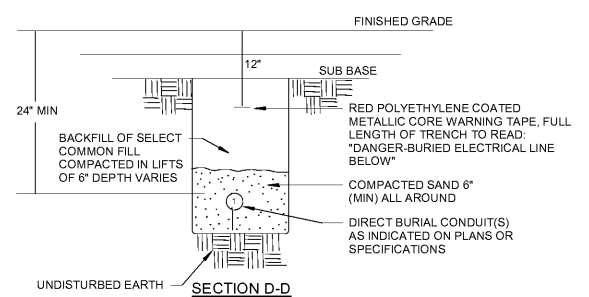
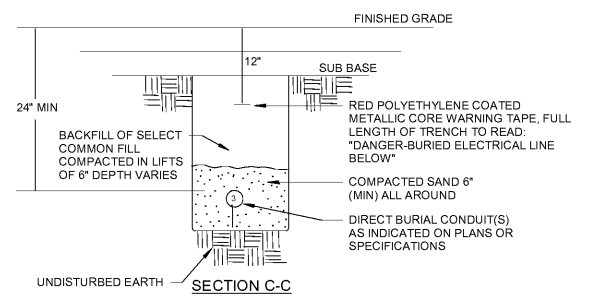
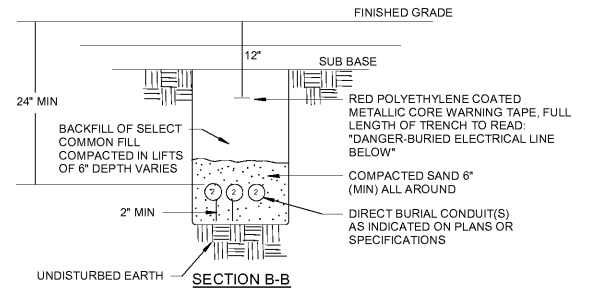
41	REFER TO CFG SERIES OF DRAWINGS FOR UNDER CANOPY AND FUEL STORAGE COORDINATION. E.C. TO UTILIZE CFG DRAWINGS FOR INSTALLATION AND QUANTITY OF CONDUITS AND SIZES OF CONDUITS REQUIRED. E.C. TO REFER TO PANELBOARD SCHEDULE LPG FOR THE REQUIRED QUANTITY OF CIRCUITS AND BREAKER SIZES FOR GAS SUMP PUMPS, DISPENSERS AND DISPENSERS' CONTROLLERS. E.C. TO COORDINATE WITH CUMBERLAND FARM REPRESENTATIVE AND CIVIL/SITE CONTRACTOR FOR ADDITIONAL COORDINATION AND INFORMATION. CANOPY LIGHTING ON THIS PLAN IS FOR CIRCUIT INFORMATION.
42	DISPENSER DATA - OMNI - G11802 - FURNISHED BY CONTRACTOR. VEEDER-ROOT - OMNI - G11802 - FURNISHED BY CONTRACTOR. DISPENSER VGA SCREEN - BELDEN 7928A - SUPPLIED BY CONTRACTOR.
43	(2) 3/4" UNDERGROUND ELECTRICAL, FROM VENT CLUSTER TO CPI CABINET PROVIDED WITH PULLSTRING CAPPED AT BOTH ENDS FOR FUTURE, COORDINATE WITH SITE/CIVIL DETAILS AND SITE CONTRACTOR FOR ADDITIONAL INFORMATION.
44	EXTERIOR POLE MOUNTED FIXTURE WITH PHOTOSENSOR (POLE SUPPLIED BY OTHERS). E.C. TO COORDINATE WITH ARCHITECT FOR FINAL LOCATION FOR EXTERIOR DRIVER IN FIELD.
45	(1) 1" C FROM CANOPY TO CPI CABINET FOR LOW VOLTAGE LIGHT CONTROL WIRING

OUTDOOR EMERGENCY STOPS FOR FUELING SYSTEM ARE TO BE LOCATED AT LIGHT POLES AS INDICATED. EC TO RUN 3/4" CONDUITS FROM FUELING CONTROLS AT CPI CABINET TO LIGHT POLE BASE. EC TO PROVIDE UNISTRUT FROM POLE FOUNDATION TO MOUNT ESTOP BUTTON AT A HEIGHT OF 48" AFG

LIGHT FIXTURES WITH 26, 27, 28 SWITCH DESIGNATIONS ARE TO BE 0-10V DIMMED VIA THE CPI CONTROL PANEL. 16/2 SHIELDED AND TWISTED LOW VOLTAGE CONDUCTORS AND 120V LINE VOLTAGE CONDUCTORS SHALL SHARE THE SAME CONDUIT WHERE PERMITTED BY ARTICLE 725 OF THE 2017 NEC. REF E600



TRANSFORMER DUCT BANK AND TRANSFORMER / PAD REQUIREMENTS SHOWN. VERIFY ADDITIONAL REQUIREMENTS WITH LOCAL UTILITY PRIOR TO COMMENCEMENT OF WORK.



- NOTES:
- 4" PVC CONDUIT FOR PRIMARY ELECTRIC SERVICE.
 - 3" PVC CONDUIT FOR SECONDARY ELECTRIC SERVICE.
 - 2" PVC CONDUIT FOR TELEPHONE SERVICE.

1 ELECTRICAL SITE PLAN
1" = 20'-0"

2 TRENCH SECTION DETAILS
3/8" = 1'-0"

HFA
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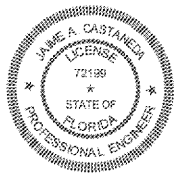
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Cumberland
SUNRISE AND 4TH STREET
FORT LAUDERDALE, FL
JOB NUMBER: 41-1720410

ISSUE BLOCK

90% CD's	05/10/19
100% SET	06/14/19
90% AIM 4.0	08/14/19
100% AIM 4.0	09/11/19
BULLETIN 1	09/19/19
BULLETIN 2	10/11/19
BULLETIN 3	11/08/19

CHECKED BY: JLB
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DOCUMENT DATE: 08/14/19
PROTO:



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Harrison French & Associates, LTD.
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ELECTRICAL SITE PLAN

SHEET: E150

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