

Order Plans

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1. PROVIDE LONG CONDUIT SWEEPS (PER BICS) AT ALL RIGHT ANGLES FOR ALL COMMUNICATION CONDUITS.
2. ALL UNDERGROUND SITE CABLING SHALL BE RUN IN CONDUIT, SIZE AS INDICATED, WITH MINIMUM 24" COVER.
3. COORDINATE METER LOCATIONS AND INSTALLATION REQUIREMENTS WITH POWER COMPANY.
4. EXTERIOR LIGHT POLES AND FIXTURES TO BE PROVIDED BY POWER COMPANY. CONTRACTOR SHALL PROVIDE CONDUIT FOR ALL SITE LIGHTING. THE POLE LOCATIONS AND CONDUIT RUNS SHOWN ARE DIAGRAMMATIC. COORDINATE WITH THE OWNER AND DUKES ENERGY FOR EXACT LAYOUT AND SITE LIGHTING FIXTURES AND CONDUIT REQUIREMENTS.

GENERAL NOTES

- 1) PROVIDE 2" CONDUIT FROM TELECOM ROOM TO TRAFFIC CONTROL LOCATION. COORDINATE WITH CIVIL ENGINEER FOR EXACT LOCATION OF EMERGENCY SIGNAL CONTROL BOX ON SITE.
- (1) 4" AND (2) 2" U.G. CONDUITS FOR ELECTRICAL SYSTEMS SERVICE PROVIDERS' ENTRANCE CABLE: (1) FOR VERIZON (FIB), (1) FOR BRIGHTHOUSE, AND (1) SPARE.
- 3) SWEEP-UP SITE CONDUITS AT PROPERTY LINE AND CAP. COORDINATE EXACT LOCATION REQUIRED WITH SERVICE PROVIDERS.
- 4) SWEEP-UP SITE CONDUITS THROUGH FLOOR SLAB IN GRC IN TELECOM ROOM. REFER TO FLOOR PLAN.
- 5) PROVIDE 1" U.G. CONDUIT FROM FACP STUBBED IN WALL TO GENERATOR ENCLOSURE STUB UP AT GENERATOR ENCLOSURE IN TO WEATHERPROOF BOX SIZED AS REQUIRED TO HOUSE FIRE ALARM MONITOR MODULES. PROVIDE F/A MODULES AS REQUIRED, GENERATOR RUN, PHASE AND FAULT.
- 6) SWEEP-UP SITE CONDUIT THROUGH FLOOR SLAB IN GRC IN WALL AT FACP LOCATION. REFER TO FLOOR PLAN.
- 7) SWEEP-UP SITE CONDUITS AT EMERGENCY SIGNAL CONTROL BOX. COORDINATE WITH CIVIL ENGINEER FOR EXACT LOCATION.
- 8) MONUMENTAL SIGN. PROVIDE 1" CONDUIT WITH PULLSTRING TO IDF ROOM FOR MARQUEE DATA. PROVIDE 1" CONDUIT TO ELECTRICAL ROOM FOR POWER AND LIGHT CIRCUITS (4-#10 CU, THWN & 1-#10 CU, E.G.). COORDINATE INSTALLATION REQUIREMENTS WITH SIGN MANUFACTURER. ROUTE LIGHTING CIRCUIT THROUGH TIMELOCK FOR CONTROL WITH EXTERIOR LIGHTING.
- 9) ILLUMINATED FLAG POLE. PROVIDE 2-#10 CU AND 1-#10 CU E.G. IN 3/4" CONDUIT FROM FLAG POLE TO POWER SUPPLY LOCATED ABOVE CEILING IN EXERCISE ROOM. PROVIDE NEMA 1 ENCLOSURE FOR POWER SUPPLY AND ROUTE CIRCUIT THROUGH THE LIGHTING CONTACTOR FOR TIME OF DAY CONTROL. OF EXTERIOR FIXTURES. COORDINATE EXACT LOCATION AND FINAL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.
- 10) PEDESTAL FOR TRUCK CHARGING CONNECTIONS. PROVIDE A SQUARE D POWER OUTLET PANEL PEDESTAL TYPE 14C WITH UNDERGROUND LOOP FEED. EACH PEDESTAL SHALL HAVE ONE 30A 120/208V TWIST-LOCK RECEPTACLE (L14-30R) FED BY ONE Q0230 30A TWO POLE CIRCUIT BREAKER. ADDITIONALLY THE PEDESTAL SHALL HAVE ONE 20A 120V DUPLEX (5-20R) RECEPTACLE FED BY A Q0120GFI 20A SINGLE POLE GFI CIRCUIT BREAKER AND A 30A 120V TWIST-LOCK RECEPTACLE (L5-30R) FED BY A Q0130GFI, 30A SINGLE POLE GFI CIRCUIT BREAKER. THE PEDESTAL SHALL HAVE A 100 AMP, 2-POLE MAIN TERMINAL CONNECTION POINT FOR A LOOP FEED. COORDINATE THE EXACT LOCATION PRIOR TO ROUGH-IN. PROVIDE 3/8-INCH LONG PIGTAIL FOR EACH RECEPTACLE TYPE. PIGTAIL SHALL HAVE STRAIGHT BLADE RECEPTACLE FOR BREAKAWAY CONNECTION AT TRUCK END.
- 11) BACKFLOW PREVENTER ASSEMBLY PROVIDE TIE-IN TO FIRE ALARM SYSTEM. RUN 1" U.G. CONDUIT TO FIRE ALARM PANEL. COORDINATE LOCATION WITH CIVIL PLANS.
- 12) IRRIGATION PUMP. PROVIDE NEMA 3R COMBINATION STARTER WITH CONTROL WIRE TO IRRIGATION CONTROLLER. COORDINATE EXACT REQUIREMENTS WITH LANDSCAPER.

ELECTRICAL SITE PLAN



A3
1"=30'

KEYED NOTES



A1
1/8"

FGA PROJECT NUMBER
19039

ISSUE DATE
05-25-20

REVISIONS	
▲	DATE: _____
▲	DATE: _____
▲	DATE: _____

SHEET NUMBER
E1.2

Pasco County
Fire & Rescue Station
No. 17
New Port Richey, Florida

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