STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSSTP-0006-00(041)	336	495

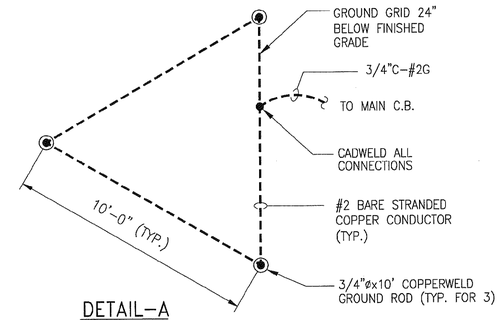
LEGEND

- PB — REINFORCED PLASTIC MORTAR PULLBOX COVER MARKED ELECTRIC. SEE DETAIL, NEXT DRAWING.
- UNDERGROUND RIGID CONDUIT
- SERVICE POINT. LOCATE SERVIE POINT 20' FROM GA POWER POLE. COORDINATE LOCATION WITH GA POWER.

GENERAL NOTES

1. THE CONTRACTOR SHALL BEWARE OF UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CONTACT MR. DALE BROOM WITH GEORGIA POWER COMPANY FOR POWER SERVICE. TEL. 770-704-5319.

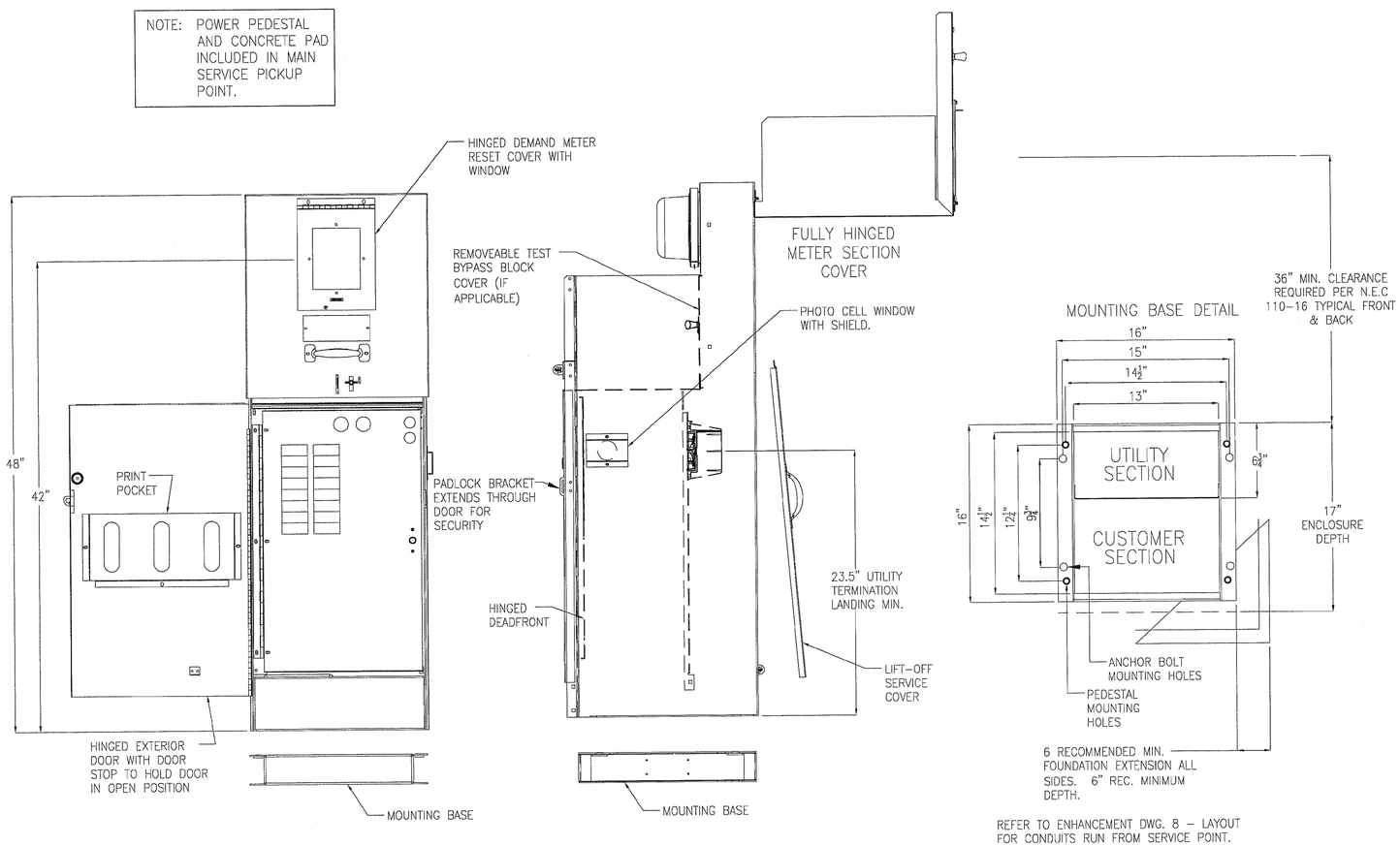
   THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO AVOID EXISTING BURIED ELECTRIC CABLE OWNED BY GEORGIA POWER COMPANY.
3. CONTRACTOR TO INCLUDE SERVICE POINT PEDESTAL IN BID PRICE.
4. ALL CONDUIT SHALL BE INSTALLED WITH PULLWIRE. ALL CABLES SHALL BE CLEARLY LABELED AT TERMINATION POINTS AND JUNCTION BOXES.
5. CONDUIT ACCESSORIES, SUCH AS CONDULETS, ELBOWS, FLEXIBLE CONDUIT, ETC., SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.



DETAIL-A
GROUNDING DETAIL
AT SERVICE POINTS

(N.T.S.)

NOTE: POWER PEDESTAL AND CONCRETE PAD INCLUDED IN MAIN SERVICE PICKUP POINT.



(4) 5/8-11 X 18" ANCHOR BOLTS RECOMMENDED

REFER TO ENHANCEMENT DWG. 8 - LAYOUT FOR CONDUITS RUN FROM SERVICE POINT.

16" COMMERCIAL PEDESTAL

Service Power Pedestal Specifications

The service power pedestals shall be provided at each service point and shall consist of all the components indicated on the single line diagrams.

The ratings shall be as follows:

Voltage rating: (120/240V, 1phase, 3wire)
Available short circuit current: 14,000A R.M.S. symmetrical
Current rating: See single line diagrams

The pedestal shall be of NEMA Type 3R rainproof construction and shall be UL listed as "Enclosed Industrial Control Equipment" (UL 508A). External construction shall comply with UL50 requirements and shall be of aluminum with light green #14672 Federal Specification 595 polyurethane industrial grade powder paint of 1.7 mil minimum thickness. Internal construction shall be G 90 galvanized steel with 1.7 mil minimum thickness polyurethane industrial grade powder coat paint. No fasteners except sealing screws shall be removable by external access. Hinges shall be stainless steel and of the continuous piano hinge type.

The pedestal mounting bolts shall not be externally accessible. The pedestal shall be offered with an optional base designed to be embedded in concrete in place of anchor bolts.

The service pedestal must have two separate isolated sections for utility termination and customer equipment.

The utility termination section must be pad-lockable and sealable and shall have a stainless steel handle provided on a lift-off cover. Sufficient clearance shall be provided for the indicated conduit for utility cables entrance. Utility landing lugs shall be UL listed and shall accommodate #6 - 350 kcmil conductors.

The customer compartment door shall be hinged on the left hand side. A stainless pad-lockable hasp provided to secure customer compartment. A door keeper provided to keep the door in an open position. A print pocket on the inside of the door shall hold all wiring schematics, circuit directories and instructions in a clear, weatherproof sleeve. Required UL labeling shall be located on the inside of the customer door. Distribution and control equipment shall be behind an internal dead-front door with a quarter-turn securing latch and be hinged to open more than 90 degrees. The dead-front door shall be hinged on the same side as the customer section door. All distribution and control equipment shall be factory wired using 600 volt wire sized to NEC and UL requirements.

Circuit breakers shall be permanently labeled with engraved name plates. The contactors for the switched section shall be controlled from 'Hand-Off-Auto' selector switches provided on the door. A photocell provided with each service pedestal shall control the contactor in the 'Auto' position of the selector switch.
A surge suppressor Liebert catalog No. All240S111RK shall be provided in each service power pedestal.

The service power pedestal shall be Milbank CP3B SL series or approved equal, custom built for each service point in accordance with the single line diagrams.

See Detail-A, this sheet for grounding information.

ATLANTA CONSULTING ENGINEERS
500 SUN VALLEY DRIVE
UNIT G2
ROSWELL, GEORGIA 30076
bal@atlconsengrs.com
Tel: 678-205-2240
Fax: 678-205-2239

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GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION - OFFICE OF BRIDGES & STRUCTURES

ARCHTECTURAL & LIGHTING DETAILS
ELECTRICAL LEGEND AND DETAILS
C.R. 779 (SIXES RD) OVER I-575
CHEROKEE COUNTY CSSTP-0006-00(041)

SCALE: NONE OCTOBER 2010

DESIGNED HSK	CHECKED SNK	REVIEWED
DRAWN PYB	DESIGN GROUP .	APPROVED

REVISIONS | DATE | BY

ENHANCEMENT SHEET 8 OF 10