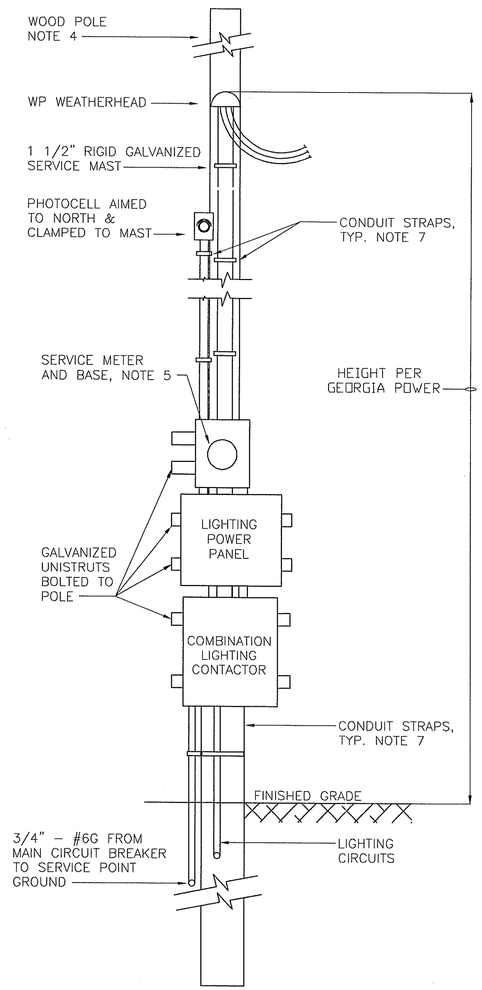


SERVICE POINT DETAIL

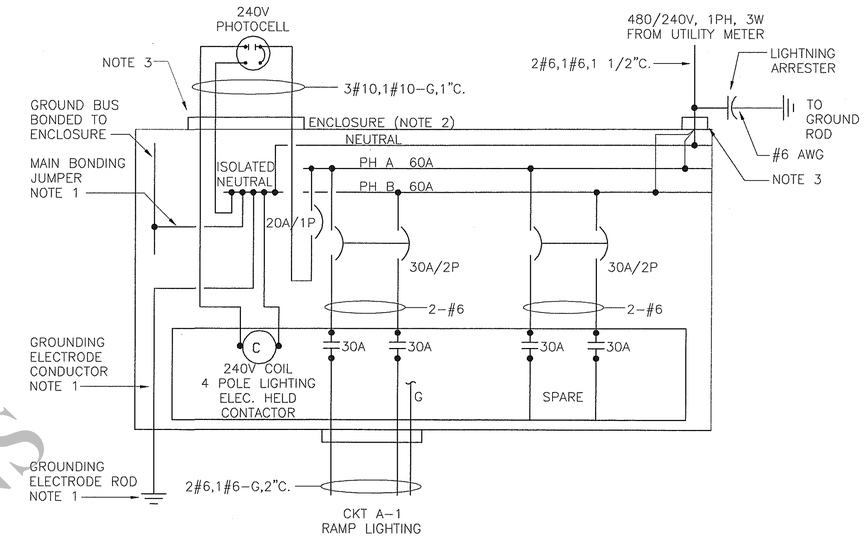
NOT TO SCALE

NOTES:

1. INCOMING SERVICE SHALL BE PER GEORGIA POWER REQUIREMENTS. FURNISH & INSTALL MAIN BONDING JUMPER, GROUNDING ELECTRODE CONDUCTOR & GROUNDING ELECTRODE PER GEORGIA POWER REQUIREMENTS.
2. WEATHERPROOF ENCLOSURE. ALL COMPONENTS TO HAVE SHORT CIRCUIT AMPERE RATING SUITABLE FOR AVAILABLE GEORGIA POWER FAULT CURRENT, BUT NOT LESS THAN 22KA.
3. WEATHERPROOF CONDUIT HUB/GROUNDING BUSHING FOR METALLIC CONDUIT.
4. ASSEMBLY (OR INDIVIDUAL COMPONENTS) SHALL BE UL APPROVED.

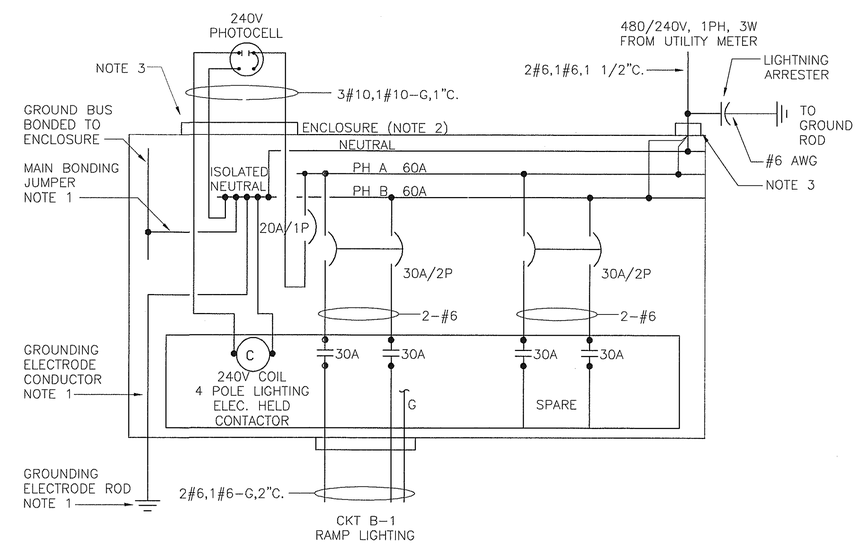
NOTES:

1. UNISTRUT FRAME SHALL BE SIZED AS REQUIRED AND PREAPPROVED BY ENGINEER.
2. THE COSTS FOR UNISTRUT FRAME, COMBINATION LIGHTING CONTACTOR, SERVICE MAST, GROUND GRID, LIGHTING POWER PANEL, PHOTOCELL, SERVICE METER BASE, AND ASSOCIATED APPURTENANCES SHALL BE INCLUDED IN THE SERVICE POINT COST.
3. SERVICE POLE SHALL BE INSTALLED TO BE CAPABLE OF WITHSTANDING A MINIMUM OF 90 MPH SUSTAINED WINDS. INDICATE IN SUBMITTALS. FIELD VERIFY AND PROVIDE/INSTALL AS REQUIRED. INDICATE IN SUBMITTALS FOR EACH SERVICE POINT. PROVIDE HEAVY BITUMINOUS COATING ON BURIED PORTION OF POLE.
4. SERVICE POLE SHALL BE 35 FT, CLASS 5, WOOD POLE PROVIDED AND INSTALLED BY CONTRACTOR, GUY AS REQUIRED PER POWER COMPANY. BURIAL DEPTH PER POWER COMPANY.
5. COORDINATE WITH POWER COMPANY AND PROVIDE/INSTALL AS REQUIRED. INCLUDE DOCUMENTATION IN SUBMITTALS.
6. PROVIDE/INSTALL 2 HOLE CONDUIT STRAPS, A MAXIMUM OF EVERY 5 FEET.
7. ALL METALLIC PARTS SHALL BE BONDED AND GROUNDED.



SERVICE POINT A LIGHTING CIRCUITS DIAGRAM

NOT TO SCALE



SERVICE POINT B LIGHTING CIRCUITS DIAGRAM

NOT TO SCALE

COSTING PLANS

PROPERTY LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
R/W AND LIMIT OF ACCESS
EXISTING R/W LINE
OBLITERATE & REMOVE PAVEMENT & GRADE TO DRAIN

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COSTING PLANS FOR DESIGN-BUILD

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE: URBAN DESIGN

LIGHTING PLANS

PROJECT: SR400/I-85 CONNECTOR RAMPS

COUNTY: FULTON & DEKALB

DRAWING No. 25-17

3/1/2007 GPLN