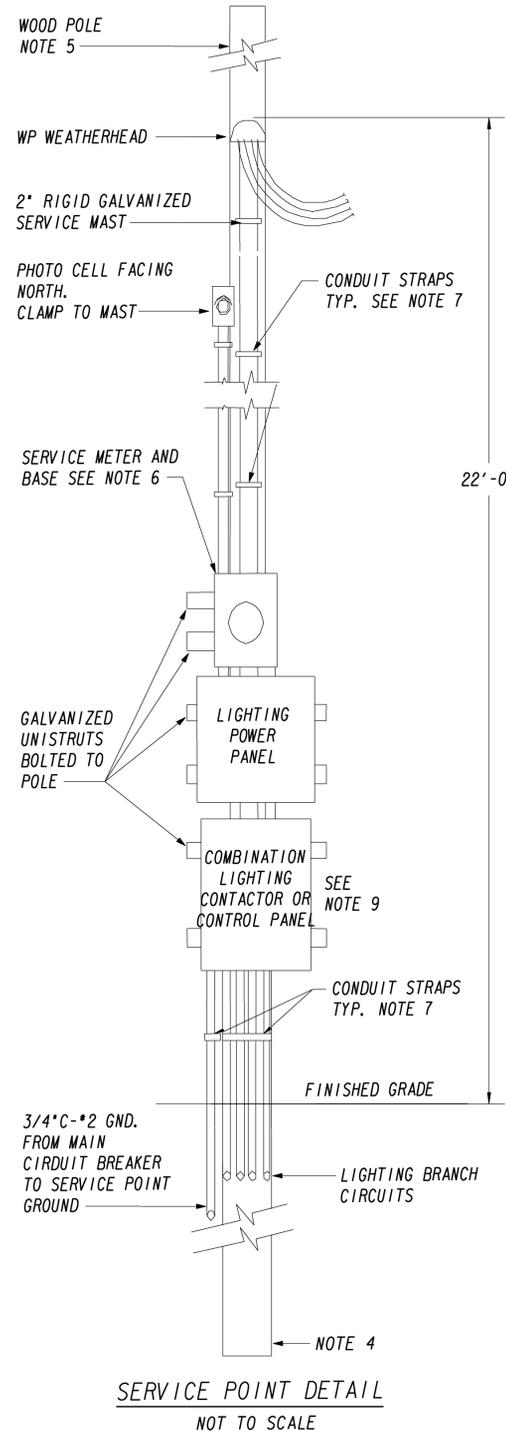


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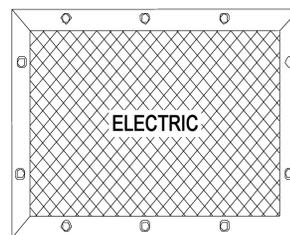


NOTES: (APPLY SERVICE POINT DETAIL ONLY)

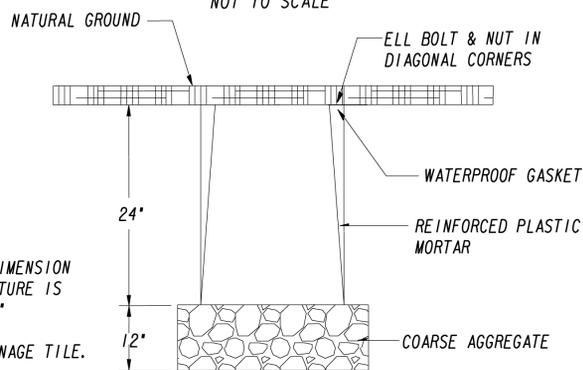
1. UNISTRUT FRAME SHALL BE SIZED AS REQUIRED AND PREAPPROVED BY ENGINEER.
2. SEE SINGLE LINE DIAGRAM ON SHEETS 25-050, 25-051, 25-052, 25-053 AND 25-066 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. THE COSTS FOR UNISTRUT FRAME, COMBINATION LIGHTING CONTACTOR, SERVICE MAST, GROUND GRID, LIGHTING POWER PANEL, PHOTOCELL, SERVICE METER BASE AND ASSOCIATED APPURTENANCES SHALL BE INCLUDED IN THE SERVICE POINT COST.
4. SERVICE POLE SHALL BE INSTALLED CAPABLE OF WITHSTANDING A MINIMUM OF 90 MPH SUSTAINED WINDS. FIELD VERIFY AND PROVIDE/INSTALL AS REQUIRED. INDICATE IN SUBMITTALS FOR EACH SERVICE POINT. PROVIDE HEAVY BITUMINOUS COATING ON BURIED PORTION OF POLE.
5. SERVICE POLE SHALL BE 35 FT. CLASS 5, WOOD POLE PROVIDED AND INSTALLED BY CONTRACTOR. GUY AS REQUIRED PER POWER COMPANY WITH BURIAL DEPTH PER POWER COMPANY.
6. COORDINATE WITH POWER COMPANY AND PROVIDE/INSTALL AS REQUIRED. INCLUDE DOCUMENTATION IN SUBMITTALS.
7. PROVIDE/INSTALL 2 HOLE CONDUIT STRAPS, A MAXIMUM OF EVERY 5 FEET.
8. ALL METALLIC PARTS SHALL BE BONDED AND GROUNDED.
9. EACH TUNNEL LIGHTING BRANCH CIRCUIT SHALL BE ROUTED THROUGH A LIGHTING CONTROL RELAY PANEL. DESIGN BASIS IS LC&D MODEL NO. GRI416LT. CONTROL PANEL SHALL BE MOUNTED ADJACENT TO SERVICE POINT *A* AND *H* PANELBOARDS. CONTRACTOR SHALL PROVIDE A NEMA 3R ENCLOSURE TO HOUSE BOTH PANELS. EQUALS BY: WATTSTOPPER OR INTELLIGENT LIGHTING CONTROLS.

NOTE:

1. PULL BOX AND COVERS MUST BE DESIGNED PER ASTM-857-87 DESIGNATION A-16(HS20-44) AND ASTM C-497



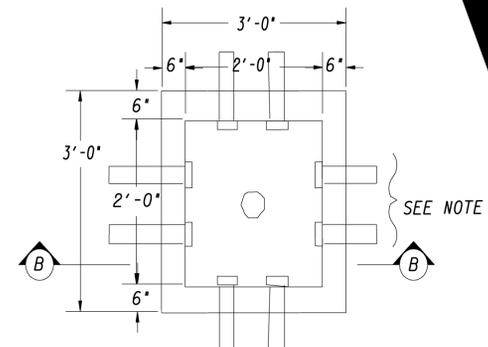
FRAME PLAN
NOT TO SCALE



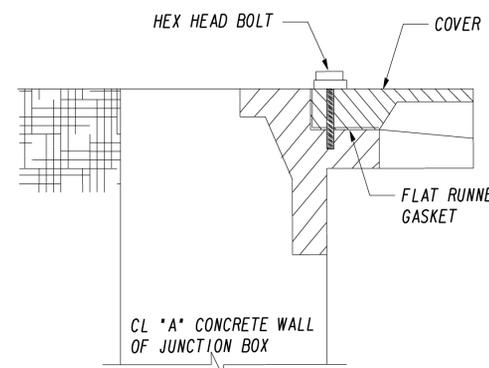
NOTES:

1. INSIDE DIMENSION OF STRUCTURE IS 13' X 24'
2. ADD DRAINAGE TILE.

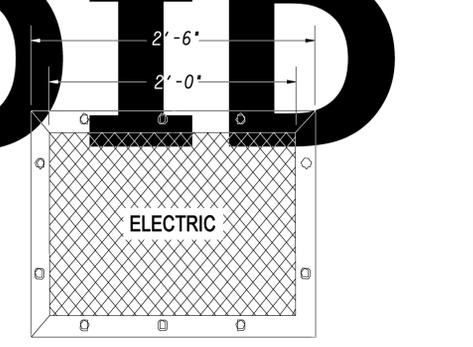
ELECTRICAL PULL BOX DETAIL
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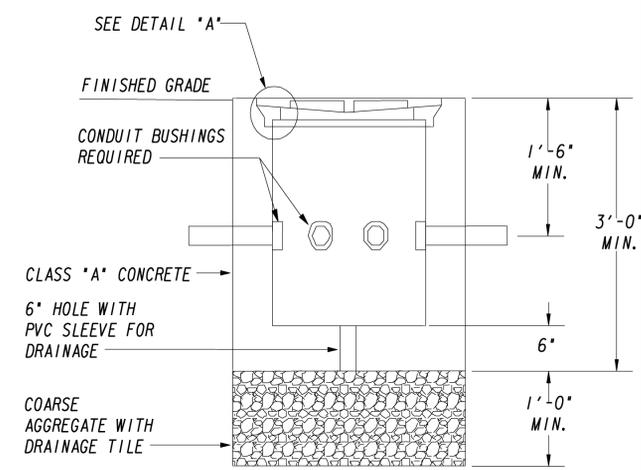
PLAN VIEW
NOT TO SCALE



DETAIL A
NOT TO SCALE



FRAME PLAN
NOT TO SCALE



SECTION B-B
NOT TO SCALE

ELECTRICAL JUNCTION BOX DETAIL

NOTES: (APPLY TO ELECTRICAL JUNCTION BOX DETAIL ONLY)

1. A MINIMUM OF 2-2" RIGID GALVANIZED STEEL CONDUITS WITH PVC SLEEVES OR EPOXY COATING SHALL BE INSTALLED ON EACH SIDE OF JUNCTION BOX. ADDITIONAL CONDUIT SHALL BE INSTALLED WHERE INDICATED ON PLANS. UNUSED CONDUITS SHALL BE STUBBED OUT 1 FOOT FROM JUCTION BOX AND CAPPED.
2. JUNCTION BOXES AND COVERS SHALL BE DESIGNED PER ASTM C-857-07 DESIGNATION A-16 (HS20-44) AND ASTM C-497.
3. GROUND STEEL COVER PER 2006 (OR LATEST) NEC REQUIREMENTS INCLUDING SECTION 250 PART VI.)

1/5/2009 GPLW
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REVISION DATES	
03/07/14	

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE: PROGRAM DELIVERY
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