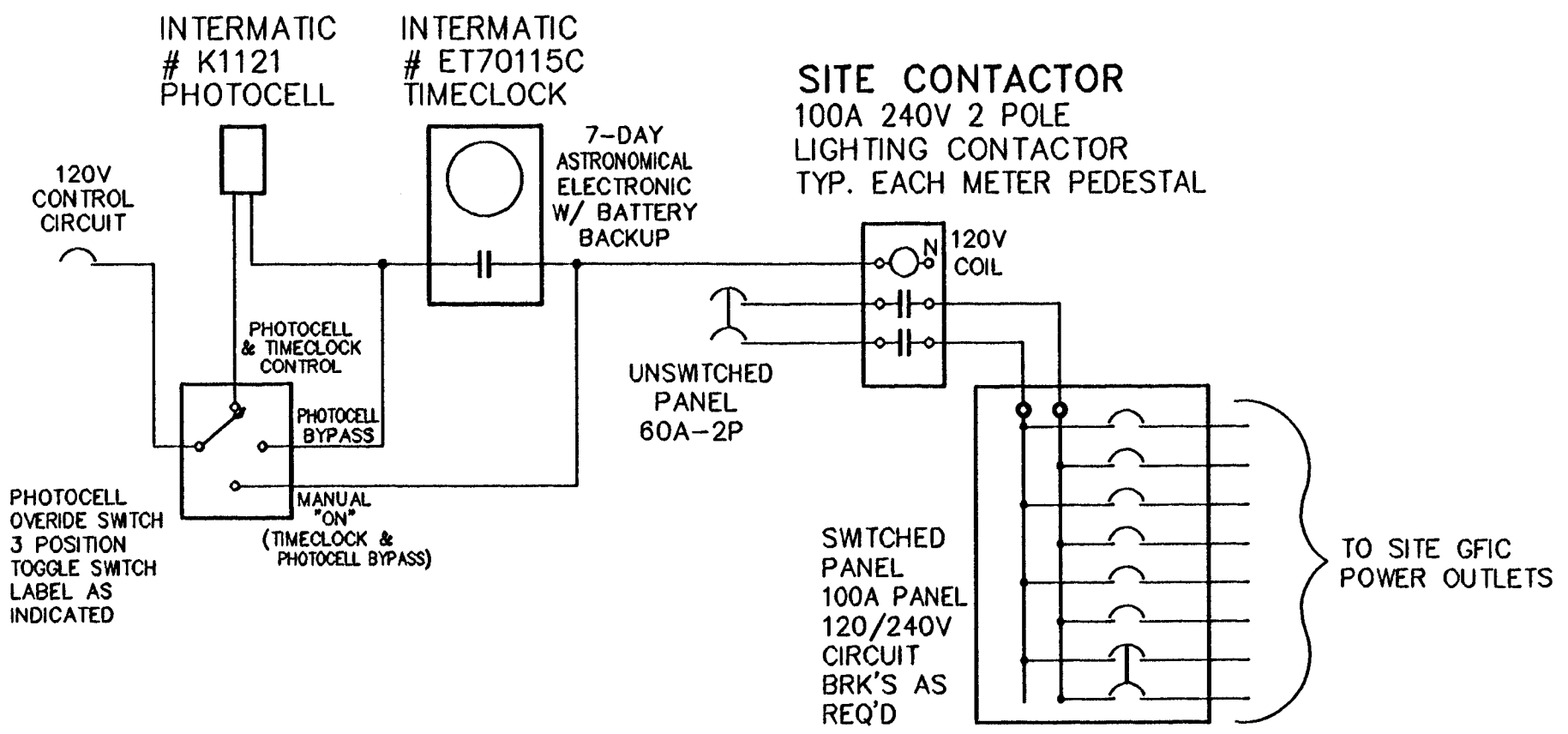


GENERAL NOTES

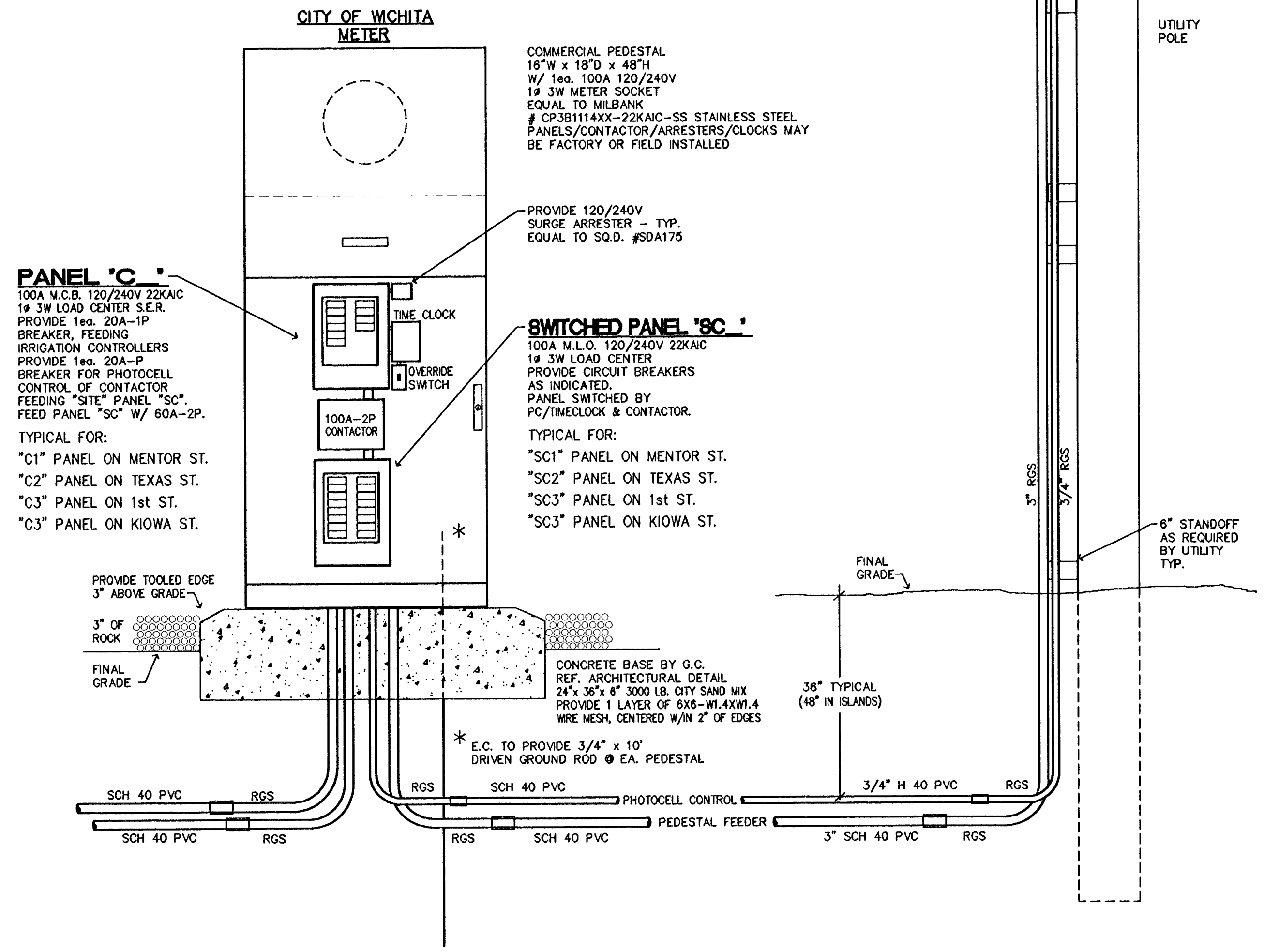
1. ALL WORK SHALL COMPLY WITH LOCAL, STATE AND NATIONAL CODES. ALL MATERIALS SHALL BE U.L. LISTED AND C.S.A. CERTIFIED.
2. THE ELECTRICAL CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND CERTIFICATES REQUIRED.
3. THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, TOOLS, TRANSPORTATION, AND EQUIPMENT REQUIRED FOR THE COMPLETE, PROPER AND SUBSTANTIAL INSTALLATION OF ALL ELECTRICAL WORK INDICATED OR REQUIRED FOR A COMPLETE WORKING INSTALLATION OF ALL ELECTRICAL SYSTEMS.
4. E.C. SHALL INCLUDE IN THE ELECTRICAL BID: ALL ASSOCIATED CHARGES FOR THE ELECTRICAL SERVICES FROM THE LOCAL UTILITIES.
5. STRAIGHT RUNS UNDERGROUND / IN SLAB CONDUIT MAY BE SCHEDULE 40 PVC, 1" MINIMUM WITH STEEL ELLS, BENDS AND RISERS. ALL RISERS PENETRATING SLAB OR EXITING FROM EARTH SHALL BE GAL. RIGID STEEL. NO EXCEPTIONS.
6. ALL LINE VOLTAGE WIRING SHALL BE COPPER IN STEEL CONDUIT UNLESS SPECIFICALLY NOTED OTHERWISE (REF. NOTE 5). EACH CONDUIT CONTAINING LINE VOLTAGE SHALL CONTAIN A GREEN, INSULATED GROUND CONDUCTOR. THIN WALL CONDUIT SHALL NOT BE INSTALLED FOR EXTERIOR USE.
7. E.C. SHALL VISIT SITE TO DETERMINE: 1.) EXISTING CONDITIONS. 2.) THE EXTENT OF DEMOLITION. ANY CONFLICTS BETWEEN PLANS/SPECIFICATIONS AND ACTUAL EXISTING CONDITIONS THAT AFFECT CONSTRUCTABILITY, SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BID. NO EXCEPTIONS.
8. E.C. SHALL SUBMIT SHOP DRAWINGS CONTAINING THE FOLLOWING INFORMATION ALONG WITH ANY OTHER INFORMATION REQUIRED BY OTHER SECTIONS OF THE CONTRACT DOCUMENTS: CONDUIT, CONNECTORS, WIRE, FUSES, FUSEHOLDERS, METER PEDASTALS, BOXES, BACKFILL MATERIAL, LAMPS, WIRE NUTS, PANELS, CONTACTORS, ENCLOSURES, SWITCHES, RECEPTACLES, GFC'S, SPECIAL OUTLETS, TIME CLOCKS, AND PHOTOCELLS.

GENERAL SCOPE OF WORK FOR ELECTRICAL CONTRACTOR:

1. PROVIDE 4 NEW METERED 100A 120/240V 1Ø 3W SERVICES AS PER KGE SERVICE STANDARDS INCLUDING POLE CONDUIT SUPPORTS AND 8" STAND OFFS. COORDINATE ALL KGE REQUIREMENTS WITH SHANE PRICE 261-6865.
2. PROVIDE ENCLOSURES AND DISTRIBUTION SYSTEM AS INDICATED FOR THE OPERATION OF THE LIGHT FIXTURES AND IRRIGATION CONTROLLERS. IRRIGATION CONTROL PANELS PROVIDED AND INSTALLED BY IRR. CONTRACTOR. E.C. TO PROVIDE AND COORD. CONNECTION OF THE 120V SUPPLY CKT/CONDUIT.
3. PROVIDE AND INSTALL FLUSH BOX W/ GFC POWER AS INDICATED IN DETAIL.
4. COORDINATE WITH ALL TRADES AND EXISTING UTILITIES.
5. E.C. SHALL PROVIDE THE FOLLOWING SPARE PARTS IN BASE BID, AS FOLLOWS:
  1. 6 ea. HUBBELL # GFM20 CIRCUIT GUARD GFC MODULE.
  2. 6 ea. LEVITON # 15W47 WETGUARD CONNECTOR/RECEPTACLE W/ CLOSURE CAP.
  3. 6 ea. LEVITON # 60W03 WETGUARD BOX COVER W/ GASKET.
  4. 45ea. LEVITON # 15W47 WETGUARD PLUG. REQUIRED FOR IP 67 RATING WHEN USED WITH # 15W47 WET GUARD CONNECTOR/RECEPTACLE.

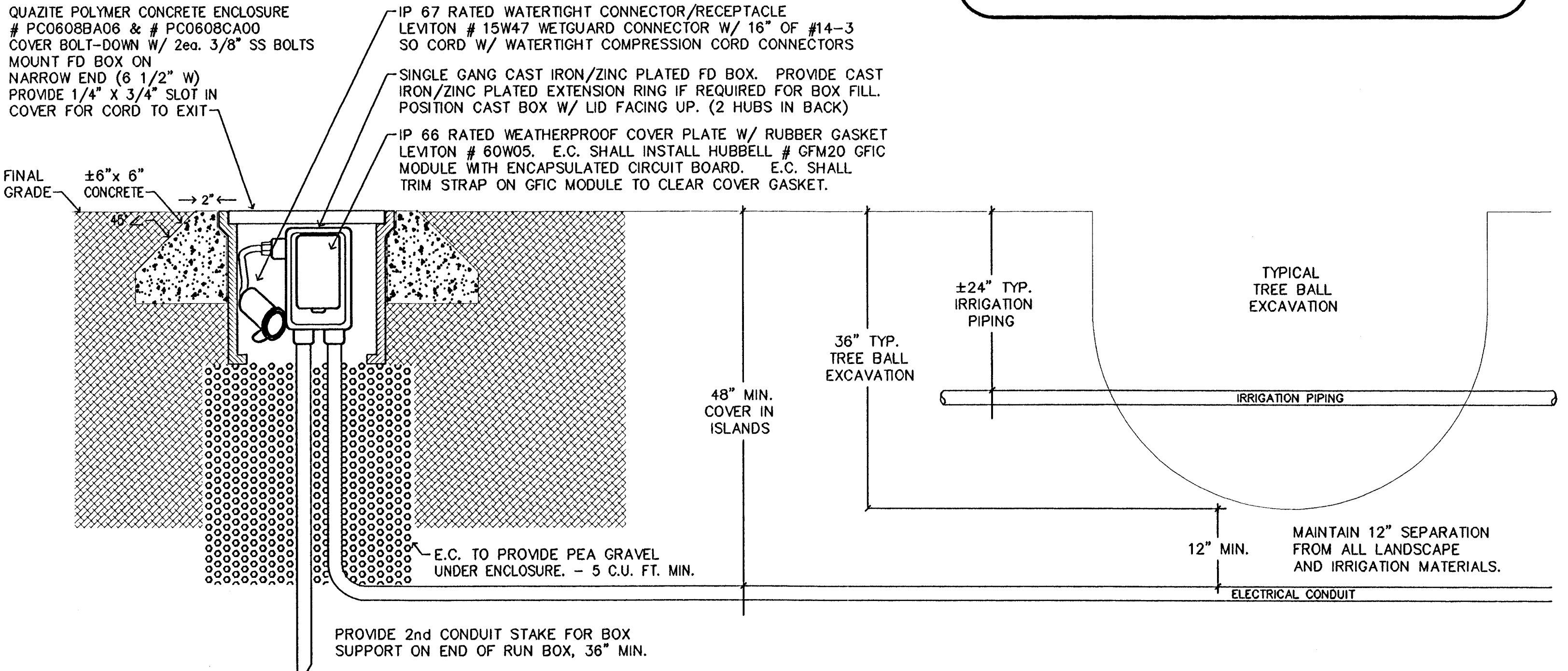


SITE POWER CONTROL DIAGRAM

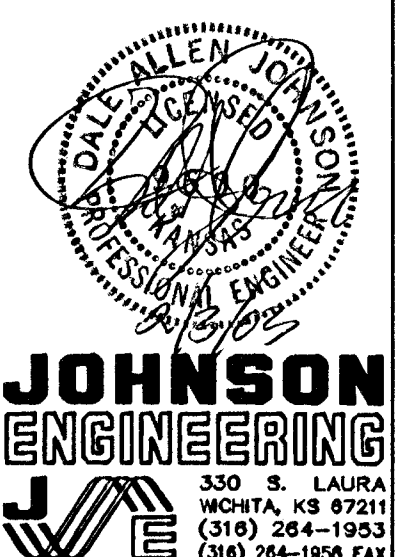


METERED COMMERCIAL PEDESTAL  
TYP. OF 2 LOCATIONS

NEW METERED SERVICE POINT  
REFER TO KGE ELECTRICAL SERVICE STANDARDS  
TYP. OF 2 LOCATIONS



FLUSH BOX W/ GFC POWER DETAIL  
TYPICAL SYMBOL



**MKEC**  
ENGINEERING CONSULTANTS  
411 N. WEBB ROAD  
WICHITA, KS. 67206  
316-684-9600

SENeca STREET  
PROJECT NAME

ELECTRICAL SCHEDULES and DETAILS  
SHEET TITLE

|                  |                    |                      |
|------------------|--------------------|----------------------|
| DAJ<br>DESIGN BY | DAJ<br>DRAWN BY    | DAJ<br>CHECKED BY    |
| 2/3/03<br>DATE   | EI<br>DRAWING NAME | E1 / 5<br>SHEET / OF |