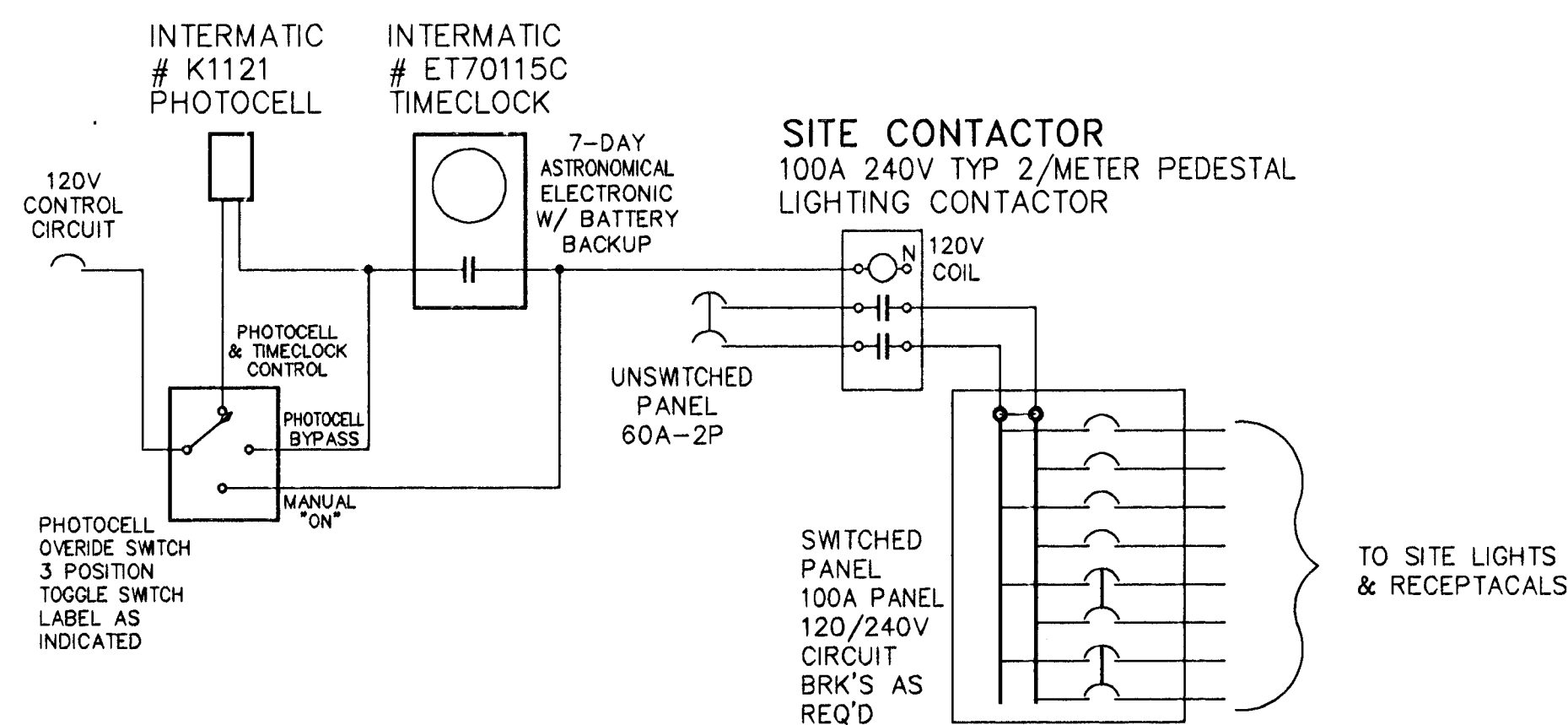
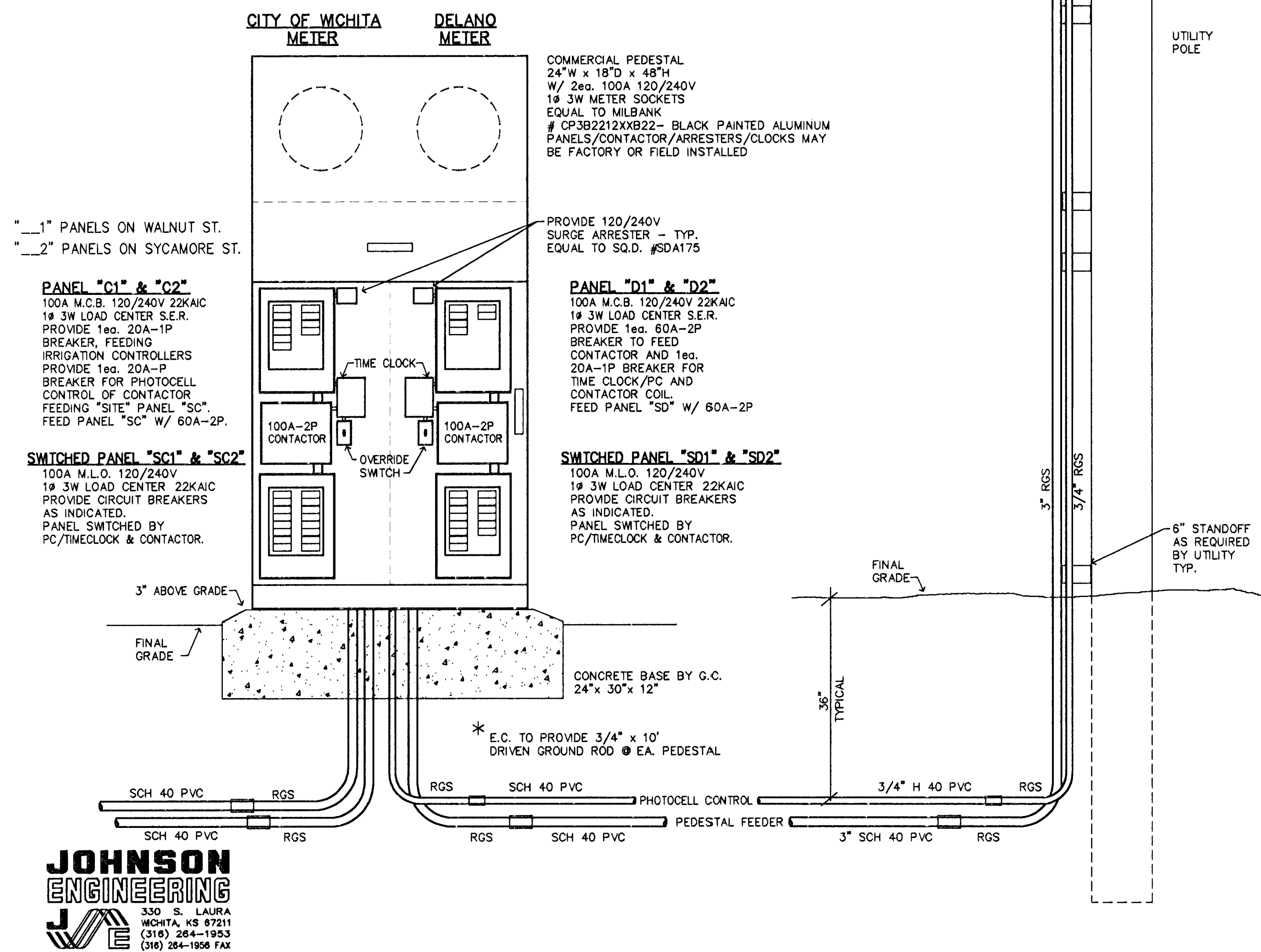




SITE LIGHTING/POWER CONTROLS



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. (POWER, TELEPHONE, CABLE TELEVISION, ETC.)
5. STRAIGHT RUNS UNDERGROUND / IN SLAB CONDUIT MAY BE SCHEDULE 40 PVC, 3/4" MINIMUM, WITH STUDS, ELBS, 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 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 THE FOLLOWING INFORMATION ALONG WITH ANY OTHER INFORMATION REQUIRED BY OTHER SECTIONS OF THE CONTRACT DOCUMENTS: CIRCUIT SCHEDULE, CIRCUIT BREAKERS, FUSES, FUSED DISCONNECTS, POLES, BACKFALL MATERIAL, LAMPS, WRE NUTS, PANELS, CONTACTORS, ENCLOSURES, SWITCHES, RECEPTACLES, GIC'S, SPECIAL OUTLETS, TIME CLOCKS, AND PHOTOCELLS.

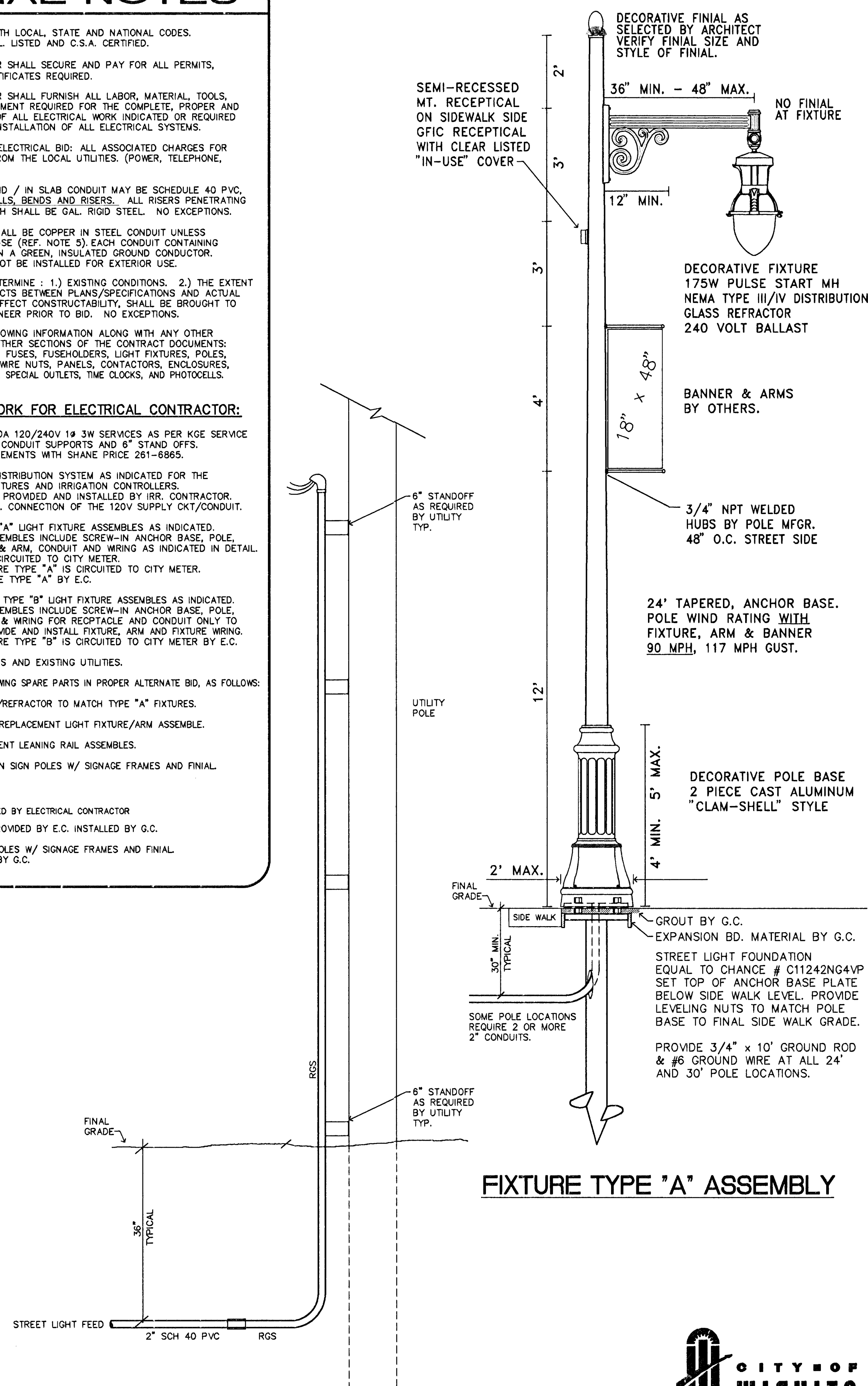
GENERAL SCOPE OF WORK FOR ELECTRICAL CONTRACTOR:

1. PROVIDE 2 NEW METERED 100A 120/240V 1Ø 3W SERVICES AS PER KGE SERVICE STANDARDS INCLUDING POLE CONDUIT SUPPORTS AND 6" STAND OFFS. COORDINATE ALL KGE REQUIREMENTS WITH SHANE PRICE 261-8865.
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 TYPE "A" LIGHT FIXTURE ASSEMBLIES AS INDICATED. TYPE "A" LIGHT FIXTURE ASSEMBLIES INCLUDE SCREW-IN ANCHOR BASE, POLE, POLE BASE COVER, FIXTURE & ARM, CONDUIT AND WIRING AS INDICATED IN DETAIL. LIGHT FIXTURE TYPE "A" IS CIRCUITED TO CITY METER. RECEPTACLE ON LIGHT FIXTURE TYPE "A" IS CIRCUITED TO CITY METER. ALL WORK FOR LIGHT FIXTURE TYPE "A" BY E.C.
4. E.C. TO PROVIDE AND INSTALL TYPE "B" LIGHT FIXTURE ASSEMBLIES AS INDICATED. TYPE "B" LIGHT FIXTURE ASSEMBLIES INCLUDE SCREW-IN ANCHOR BASE, POLE, POLE BASE COVER, CONDUIT & WIRING FOR RECEPTACLE AND CONDUIT ONLY TO KGE FOR LIGHT. KGE TO PROVIDE AND INSTALL FIXTURE, ARM AND FIXTURE WIRING. RECEPTACLE ON LIGHT FIXTURE TYPE "B" IS CIRCUITED TO CITY METER BY E.C.
5. COORDINATE WITH ALL TRADES AND EXISTING UTILITIES.
6. E.C. SHALL PROVIDE THE FOLLOWING SPARE PARTS IN PROPER ALTERNATE BID, AS FOLLOWS:
 1. 6 ea. REPLACEMENT GLOBE/REFRACTOR TO MATCH TYPE "A" FIXTURES.
 2. 2 ea. COMPLETE TYPE "A" REPLACEMENT LIGHT FIXTURE/ARM ASSEMBLY.
 3. 2 ea. COMPLETE REPLACEMENT LEANING RAIL ASSEMBLIES.
 4. 2 ea. STREET IDENTIFICATION SIGN POLES W/ SIGNAGE FRAMES AND FINIAL.

BID ALTERNATES

ALL ALTERNATES SHOULD BE REVIEWED BY ELECTRICAL CONTRACTOR

1. LEANING RAIL ASSEMBLES. PROVIDED BY E.C. INSTALLED BY G.C.
2. STREET IDENTIFICATION SIGN POLES W/ SIGNAGE FRAMES AND FINIAL PROVIDED BY E.C. INSTALLED BY G.C.



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MCCLUGGAGE VAN SICKLE & PERRY

WEST DOUGLAS STREETSCAPE
ARKANSAS RIVER TO SENECA
WICHITA, KANSAS

PROJECT NO. 472 83608
 AMVP PROJECT NO. 101008
 UE PROJECT NO. 02006
 DATE: AUGUST 7, 2002
 REVISED:

SHEET

E1.1

REVISED CONST. SET:

FEBRUARY 7, 2003

ELECTRICAL GENERAL NOTES and DETAILS



**JOHNSON
ENGINEERING**

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METERED COMMERCIAL PEDESTAL

TYP. OF 2 LOCATIONS

NEW METERED SERVICE POINT

REFER TO KGE ELECTRICAL SERVICE STANDARDS

NEW UNMETERED SERVICE POINT

REFER TO KGE ELECTRICAL SERVICE STANDARDS

TYP. OF 6 LOCATIONS