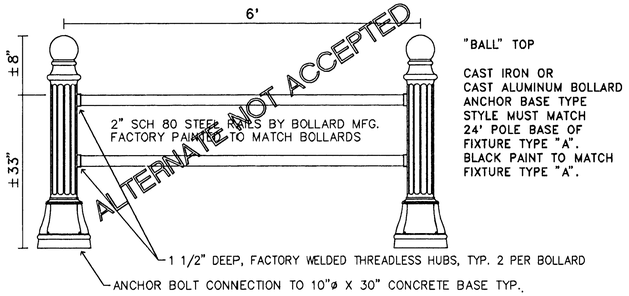
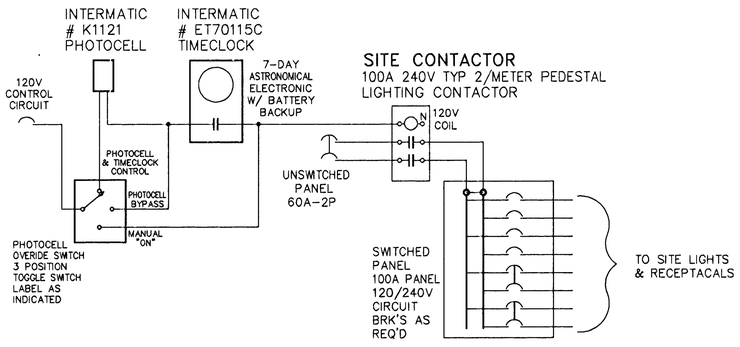
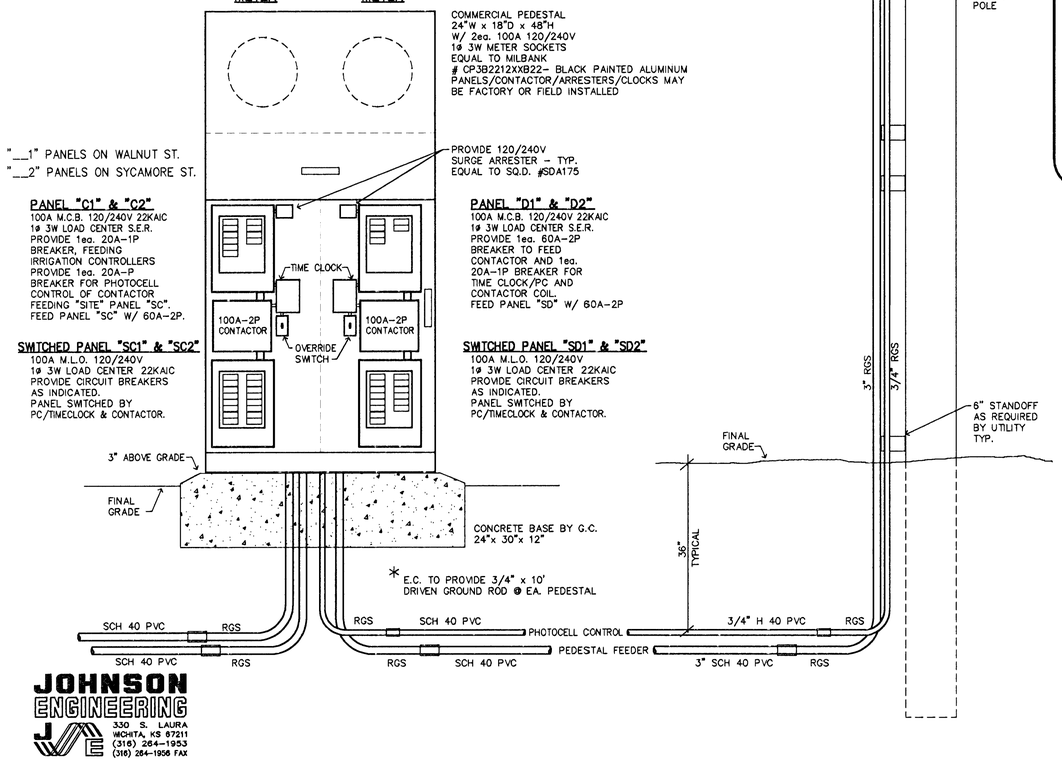


LEANING RAIL ASSEMBLY

PROVIDED BY E.C. AND INSTALLED BY G.C.

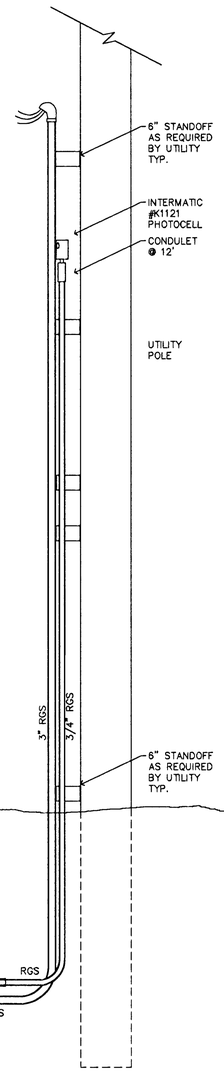


SITE LIGHTING/POWER CONTROLS



METERED COMMERCIAL PEDESTAL

TYP. OF 2 LOCATIONS



NEW METERED SERVICE POINT

REFER TO KGE ELECTRICAL SERVICE STANDARDS

TYP. OF 2 LOCATIONS

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 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 THE FOLLOWING INFORMATION ALONG WITH ANY OTHER INFORMATION REQUIRED BY OTHER SECTIONS OF THE CONTRACT DOCUMENTS: CONDUIT, CONNECTORS, WIRE, FUSES, FUSEHOLDERS, LIGHT FIXTURES, POLES, BACKFILL MATERIAL, LAMPS, WIRE NUTS, PANELS, CONTACTORS, ENCLOSURES, SWITCHES, RECEPTACLES, GFIC'S, SPECIAL OUTLETS, TIME CLOCKS, AND PHOTOCELLS.

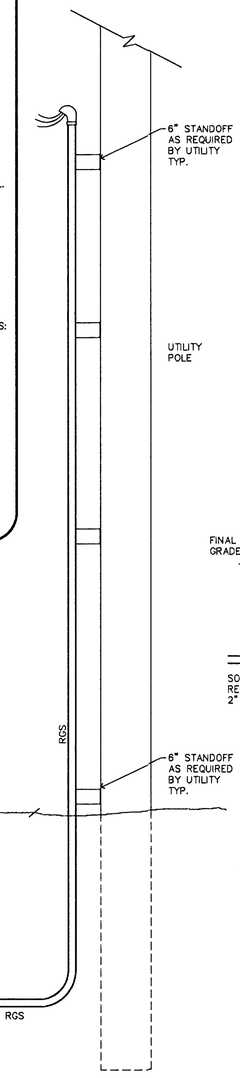
GENERAL SCOPE OF WORK FOR ELECTRICAL CONTRACTOR:

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 261-6865.
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 TYPE "A" LIGHT FIXTURE ASSEMBLES AS INDICATED. TYPE "A" LIGHT FIXTURE ASSEMBLES 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 ASSEMBLES AS INDICATED. TYPE "B" LIGHT FIXTURE ASSEMBLES 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 ASSEMBLE.
   3. 2 ea. COMPLETE REPLACEMENT LEANING RAIL ASSEMBLES.
   4. 2 ea. STREET IDENTIFICATION SIGN POLES W/ SIGNAGE FRAMES AND FINIAL.

BID ALTERNATES

ALL ALTERNATES SHOULD BE REVIEWED BY ELECTRICAL CONTRACTOR

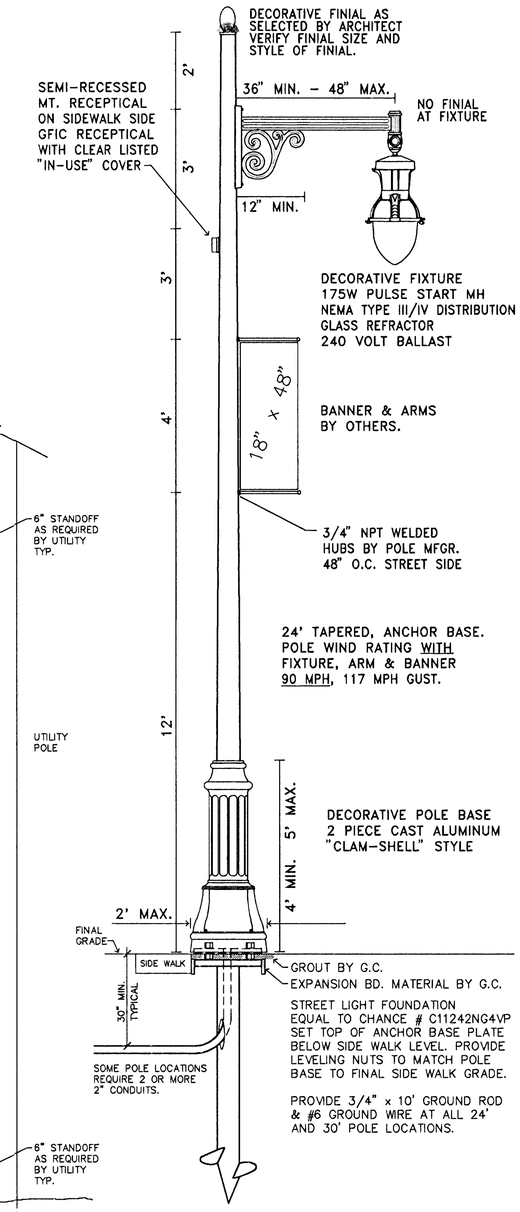
1. LEANING RAIL ASSEMBLES. PROVIDED BY E.C. INSTALLED BY G.C.
2. STREET IDENTIFICATION SIGN POLES W/ SIGNAGE FRAMES AND FINIAL PROVIDED BY E.C. INSTALLED BY G.C.



NEW UNMETERED SERVICE POINT

REFER TO KGE ELECTRICAL SERVICE STANDARDS

TYP. OF 6 LOCATIONS



FIXTURE TYPE "A" ASSEMBLY

JOHNSON ENGINEERING
JE
330 S. LAURA
WICHITA, KS 67211
(316) 264-1953
(316) 264-1956 FAX

McCLUGGAGE VAN SICKLE & PERRY
ARCHITECTS · PLANNERS · LANDSCAPE ARCHITECTS
125 S. WASHINGTON WICHITA, KANSAS 67202
P.O. BOX 3648 WICHITA, KANSAS 67201
PH. 316/262-1465 · FAX 316/262-1465

WEST DOUGLAS STREETSCAPE
ARKANSAS RIVER TO SENECA
WICHITA, KANSAS

PROJECT NO. 412 83606
MVP PROJECT NO. 101006
JE PROJECT NO. 012006
DATE: AUGUST 1, 2002
REVISED:
REVISED CONST. SET:
FEBRUARY 1, 2003

SHEET
E1.1

ELECTRICAL GENERAL NOTES and DETAILS

CITY OF WICHITA