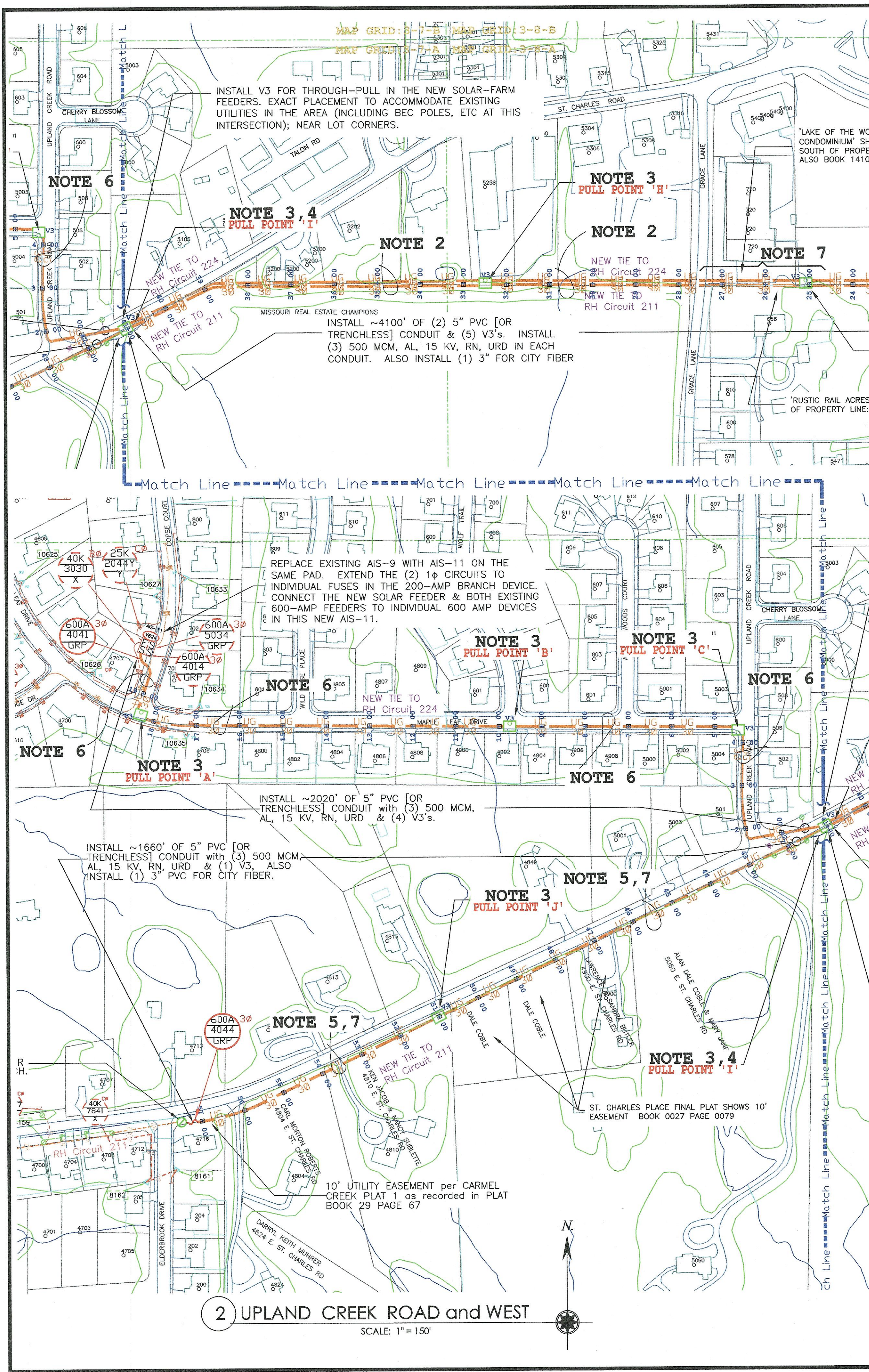
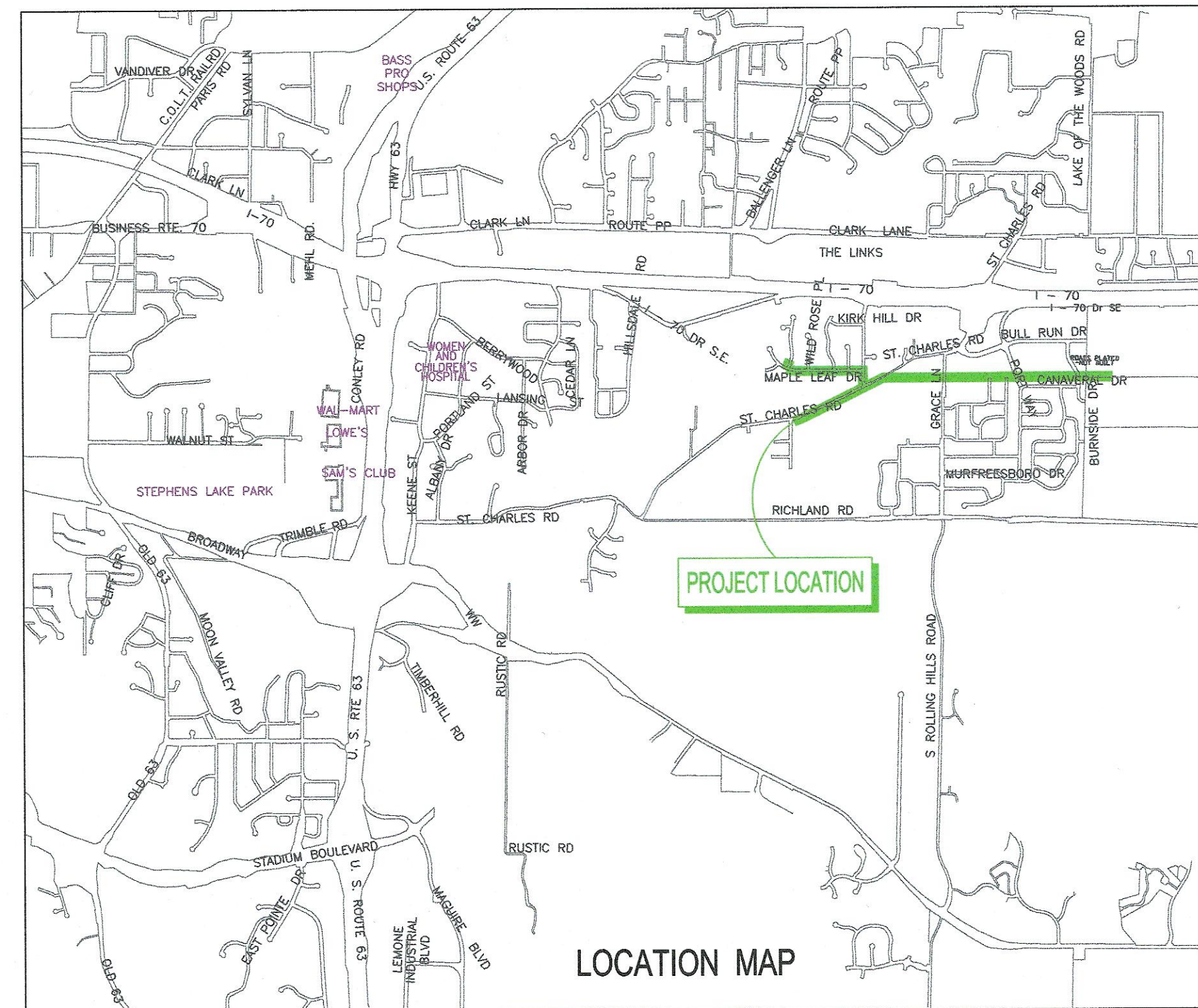




2 UPLAND CREEK ROAD and WEST

SCALE: 1" = 150'



LOCATION MAP

1 UPLAND CREEK ROAD and EAST

SCALE: 1" = 150'

18100 NOTES

CITY COUNCIL HAS EXECUTED A POWER PURCHASE AGREEMENT WITH A 10-MW SOLAR FACILITY PROJECT OFF OF 170 DR SE, EAST OF CHESAPEAKE DRIVE. DEPCOM POWER IS RESPONSIBLE TO BUILD THE SOLAR GENERATOR FACILITY. CW&L IS RESPONSIBLE TO BUILD TWO (2) FIVE MEGAWATT CIRCUITS TO TIE THE OUTPUT OF THE SOLAR GENERATOR FACILITY INTO REBEL HILL CIRCUITS 211 & 224, TOGETHER WITH A FIBER LINE FOR METERING. CW&L TO COORDINATE WITH DEPCOM POWER FOR THEIR REQUIRED CONNECTIONS (ENERGY AND METERING) TO THE PMU'S.

- GENERAL**
- A EASEMENT RESTRICTIONS DO NOT ALLOW PEDESTAL OR OTHER ABOVE-GRADE ENCLOSURES.
 - B CW&L WORK INCLUDES ALL PRIMARY AND FIBER WORK OFF SITE. CW&L WORK ON SITE BY THIS PRINT IS LIMITED TO THE METERING (2 S&C PMU'S), CONDUIT AND PRIMARY CABLE BEYOND THE METERING EQUIPMENT IS BY THE SOLAR PROJECT CONTRACTOR.
 - C DIRECTIONAL BORING IS TO BE USED AT ALL ROAD (SOTHR PAVEMENT) CROSSINGS, AND OTHER AREAS AS INDICATED.
 - D CONDUIT PLACEMENT IS DEPENDENT ON HAVING EASEMENTS. EASEMENT & PLATED EASEMENTS WILL BE PRINTED AS THEY NOW EXIST (OR AS THEY ARE NO CHANGES TO ANY EXISTING PRIMARY, SECONDARY, OR STREET LIGHT CIRCUIT ARE ANTICIPATED BY THIS WORK BEYOND INTERCONNECTIONS DETAILED AT V624 AND POLE 1 (CW&L TAG # 20567).
 - E COORDINATE FIBER CABLE INSTALLATION, CONNECTIONS AND TERMINATIONS WITH SCOTT LUTZ.

- NOTE 1 INSTALL PRIMARY METERING AS TWO S&C PMU'S, EACH ON V7 FOUNDATION. INSTALL FIBER HANDHOLE ADJACENT TO THESE V7'S WITH 3" FIBER CONDUIT STUB-OUT CONNECTING THE FIBER HANDHOLE TO EACH V7. CW&L TO COORDINATE WITH DEPCOM POWER FOR REQUIRED CONNECTIONS (CONDUIT & CABLE, ETC) BEYOND THE METERING EQUIPMENT.
- NOTE 2 INSTALL TWO SETS OF 13.8 KV, 3, UNDERGROUND FEEDER; EACH AS 3 # 500 MCM, AL, 15 KV, R/N, 500 MCM, AL, 15 KV, R/N, URD IN 5" C (PVC OR TRENCHLESS CONDUIT). ALSO INSTALL ONE FIBER RUN AS 3" C (PVC OR TRENCHLESS CONDUIT) WITH 72-STAND FIBER OPTIC CABLE.
- NOTE 3 INSTALL V3 AS PRIMARY PULL POINT, IN EASEMENT AS STAKED.
- NOTE 4 INSTALL FIBER HANDHOLE ADJACENT TO THE V3.
- NOTE 5 INSTALL ONE SET OF 13.8 KV, 3, UNDERGROUND FEEDER, AS 3 # 500 MCM, AL, 15 KV, R/N, URD IN 5" C (PVC OR TRENCHLESS CONDUIT). ALSO INSTALL ONE FIBER RUN AS 3" C (PVC OR TRENCHLESS CONDUIT) WITH 72-STAND FIBER OPTIC CABLE.
- NOTE 6 INSTALL ONE SET OF 13.8 KV, 3, UNDERGROUND FEEDER, AS 3 # 500 MCM, AL, 15 KV, R/N, URD IN 5" C (DIRECTIONAL BORE IN TRENCHLESS CONDUIT, FULL LENGTH UNDER MAPLE LEAF DR. & UPLAND CREEK RD.)
- NOTE 7 THIS AREA TO USE DIRECTIONAL BORING ONLY!
- NOTE 8 SEE DETAIL 3 ON SHEET 3 OF 3 THIS SET FOR ADDITIONAL INFORMATION.
- POLE 1 CW&L TAG # 20567: REPLACE EXISTING CROSS-ARM WITH B7AH-3. ADD U7/S18 "RISER EXTENDING EAST. ADD G1 DRIVEN GROUND. VERIFY PROPER TENSION IN EXISTING GUYING (E1B-18 & E3-14). INSTALL LABELS AS INDICATED.

INSPECTIONS:

THE CONTRACTOR SHALL NOTIFY THE CW&L INSPECTORS A MINIMUM OF TWO WORKING DAYS BEFORE COMMENCING WORK. MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. SHALL CONSTITUTE A TYPICAL WORK WEEK. ANY WORK OUTSIDE THESE HOURS REQUIRES THE APPROVAL OF THE CITY'S ENGINEER OR INSPECTOR. A MINIMUM OF TWO DAYS NOTICE WILL BE REQUIRED WHEN REQUESTING INSPECTION SERVICES OUTSIDE OF NORMAL WORKING HOURS.

IF YOU HAVE ANY QUESTIONS PLEASE CONTACT GREG BAEHR, ENGINEER, 573-817-5026.

18100: CONTACTS

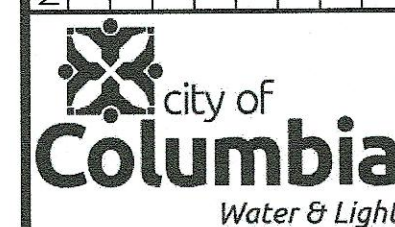
CW&L ELECTRICAL DISTRIBUTION SUPERINTENDENTS
OVERHEAD & TRANSFORMERS KEVIN THORNTON (573)874-6208
UNDERGROUND & SERVICES LARRY FREEMAN (573)874-6200
CW&L INSPECTORS:
INSPECTOR STEVE CASTELL (573)289-8370
INSPECTOR KENNY EADS (573)864-4720
CW&L ENGINEERING GREG BAEHR (573)817-5026
SELLENRIK CONSTRUCTION BRYAN JONAS (573)239-1795

ANNUAL REPORT

INSTALL 11,800 LF U/G 3" 600-AMP

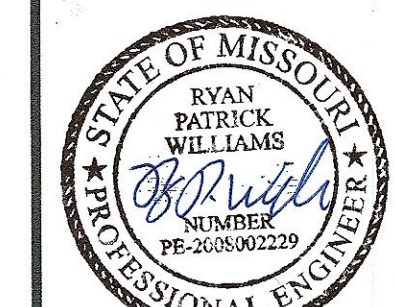
MISCELLANEOUS:

REVISIONS TO T.L.O.D. NONE
MODOT: NOT A MODOT PROJECT



City of Columbia, Missouri
Utilities Department
Water and Light Division
701 East Broadway - Columbia, Boone, Missouri
Phone: 573-875-2555

INSTALL 13.8 KV FEEDERS INTERCONNECTING
EXISTING REBEL HILL FEEDERS to the
CYPRESS-TRUMAN 10 MW SOLAR PROJECT
OVERVIEWMASTER PLAN
LAYOUT SHEET



5-30-2019

Ryan Patrick Williams
Professional Engineer
MO# PE-2008002229

File No: 18100
WO No: 76221313
Des: GRB/DHC
Dwn: GRB
Chk/Date: 5/28/2019

Sheet No.
1 of 1