EXISTING SWITCHBOARD 'SB-UV' MODIFICATION

ONE-LINE DIAGRAM

NTS

GENERAL NOTES:

1. EACH BIDDER OR THEIR AUTHORIZED REPRESENTATIVES SHALL, BEFORE PREPARING THEIR PROPOSAL, VISIT ALL AREAS OF THE EXISTING BUILDINGS AND STRUCTURES IN WHICH WORK UNDER THIS CONTRACT IS TO BE PERFORMED AND INSPECT CAREFULLY THE PRESENT INSTALLATION.
2. THIS DRAWING REPRESENTS THE LATEST DOCUMENTED INFORMATION AVAILABLE. HOWEVER, UNDOCUMENTED CHANGES MAY EXIST. THE CONTRACTOR SHALL PROVIDE THE NECESSARY CHANGES TO PROVIDE A COMPLETE AND OPERABLE SYSTEM ACCORDING TO THE INTENT OF THIS AND ALL DRAWINGS.
3. NEW SWITCHBOARD COMPONENTS SHALL MEET OR EXCEED SHORT CIRCUIT RATING OF EXISTING SWITCHBOARD AND SHALL BE OF THE SAME MANUFACTURER.

NOTES BY SYMBOL '⬡':

(1) PROVIDE NEW CIRCUIT BREAKERS FOR THE EXISTING 480V SWITCHBOARD AS SCHEDULED THIS SHEET. CIRCUIT BREAKERS SHALL BE COMPATIBLE FOR OPERATION AND INSTALLATION WITHIN EXISTING SWITCHBOARD. PROVIDE ALL INCIDENTALS FOR FULLY FUNCTIONAL SYSTEM.

(2) TRANSFORMER PROVIDED BY DIVISION 16. THIS SEPARATELY DERIVED SYSTEM SHALL BE BONDED TO THE NEAREST GROUNDING ELECTRODE PER NEC.

(3) OWNER PROVIDED EQUIPMENT INSTALLED BY DIVISION 16.

EXISTING SWITCHBOARD 'SB-UV' MODIFICATION

ELEVATION

NTS

INDIRA PJETROVIC LICENSED 21914 4/15/15 KANSAS PROFESSIONAL ENGINEER

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: J. VARGHESE
DRAWN BY: J. VARGHESE
SHEET CHK'D BY: M. HANDLEY
CROSS CHK'D BY: M. HANDLEY
APPROVED BY: I. PJETROVIC
DATE: APRIL 2015

CDM Smith
9200 Ward Parkway, Suite 500
Kansas City, MO 64114
Tel: (816) 444-8270
MO COA No. 001431

CITY OF WICHITA, KANSAS
WATER AND SEWER DEPARTMENT

SEWAGE TREATMENT PLANT NO.2 IMPROVMENTS
UV DISINFECTION

ELECTRICAL SINGLE LINE MODIFICATION

PROJECT NO. 2395-104609
FILE NAME: E-4.DWG

SHEET NO.
E-4

XREFs: [CDMS_2234, CSTPL100, EUVDFPL100, EUVDFPL110, DFPL100, DFPL110] Images: []
Last saved by: DNEESHK Time: 4/16/2015 12:29:42 PM
pw:\\dacpwapp1:PW_XM1\2395\104609\04 Design Services NM_5%\09 Electrical\10 CADD\E-1.dwg
© 2016 CDM SMITH ALL RIGHTS RESERVED.
REUSE OF DOCUMENTS: THESE DOCUMENTS AND DESIGNS PROVIDED BY PROFESSIONAL SERVICE, INCORPORATED HEREIN, ARE THE PROPERTY OF CDM SMITH AND ARE NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CDM SMITH.