NOTES: 1. CONTRACTOR SHALL VERIFY EXISTING TERMINAL STRIP AND CONNECTION POINTS. 2. CONTRACTOR SHALL ENSURE SUFFICIENT TERMINALS ARE INSTALLED FOR FUTURE MCC-F71 MS-F03 LOCAL CONNECTIONS. DISCONNECT C-F03-001 C-F03-002 DS-F03 400A 400A <sup>'</sup>3x1C, 500MCM AL., RW90, 600V /3C, 500MCM AL., ACWU90, 600V 250 HP P-F03 MOTOR P-F03 215 FLA **POWER** MOTOR ROOM HSS-F030-1 MOTOR ROOM CA-F030-1 E-STOP 2C, 14 AWG, TECK90, 600V  $-\frac{1}{4}$   $-\frac{5030-1-1}{4}$  -(1)  $-\frac{1}{2}$   $-\frac{1}{2}$ --(1)  $-\frac{F030-1-1}{}$  ---MOTOR P-F03 EMERGENCY  $\begin{array}{c} -(2) - \frac{\text{F030} - 1\text{A} - 1}{\text{F030} - 1\text{A} - 2} - - \\ (1) - \frac{\text{F030} - 1\text{A} - 2}{\text{F030} - 1\text{A} - 2} - - \end{array}$ STOP MOTOR ROOM  $-(1) - \frac{\text{F030} - 2 - 3}{1 - 2} - \frac{1}{2}$ HSS-F030-2 PUMP ROOM CA-F030-2 --(1)-<u>F030-2-4</u>---E-STOP 2C, 14 AWG, TECK90, 600V F030-1A-2 (1) - 10-10-1 --(2)-<u>F030-3-1</u>--F030-2-1 (2)----**LEGEND:** FLOOD PUMP ROOM DRY WELL --(2)-<u>F030-3-3</u>-FIELD WIRING P-F01 MOTOR STARTER CA-F030-3 MCC-F71 MS-F01 MANUFACTURER WIRING SEE REF DWG. 2x1C, 14 AWG, RW90, 600V  $-\frac{F030-2-2}{}$  -(1)-1-0125F-E0016-001  $-\frac{\text{F030}-3-1}{(2)}$ MOTOR P-F01 **FAILSAFE** SEE REF DWG. 1-0125F-E0018-001 ELECTRICAL ROOM SEE REF DWG. P-F02 MOTOR STARTER 1-0125F-E0022-001 CA-F030-5 MCC-F71 MS-F02 2x1C, 14 AWG, RW90, 600V  $-\frac{F030-2-3}{}$  -(1) F030-3-2 (2)-MOTOR P-F02 **FAILSAFE** 201 MOTOR P-F03 READY STATUS 202 ELECTRICAL ROOM 203 MOTOR P-F03 RUNNING STATUS P-F04 MOTOR STARTER CA-F030-6 MCC-F71 MS-F04 --(5)-<u>F030-205</u>--2x1C, 14 AWG, RW90, 600V  $-\frac{F030-2-4}{2}$  -(1) MOTOR P-F03 F030-3-3-(2) -(6)  $-\frac{F030-206}{}$   $-\frac{}{}$ MOTOR P-F04 FAILSAFE FAIL STATUS 206 --(7)-<u>F030-207</u>--MOTOR P-F03 L\_\_ - - - \_ - - \_ - - - \_ - - \_ - \_ - \_ AUTO MODE ELECTRICAL ROOM STATUS --(9)-<u>F030-209</u>--209 MOTOR P-F03 MANUAL MODE --(10)-<u>F030-210</u>--RTU CABINET STATUS 210 CP-F80 TS-XCA-F030-4 (NOTE 2)  $-(11)-\frac{F030-211}{}$ (NOTE 1) 16C, 14 AWG, TECK90, 600V  $-\frac{\text{F030}-203}{}$  -(3) MOTOR P-F03 -(12)-F030-212 RUN COMMAND F030-204 -(4) -(13)-<u>F030-213</u> --213 MOTOR P-F03 F030-206 -(6) REMOTE RUN  $-(14)-\frac{F030-214}{}$ COMMAND F030-213 (13)  $-(15)-\frac{F030-215}{}$ MOTOR P-F03 F030-214 (14) SEAL WATER  $-(16)-\frac{F030-216}{}$ CONTROL F030-216\_(16) \_\_\_\_\_\_ 301+ IT-F030 MOTOR P-F02 ELECTRICAL ROOM CURRENT 301-301s ELECTRICAL ROOM **KGS** ENGINEER'S SEAL THE CITY OF WINNIPEG ELEV. – GROUP Winnipeg WATER AND WASTE DEPARTMENT CONSULTING ENGINEERS DESIGNED BY: CLIFTON FLOOD PUMPING STATION UPGRADES L. UPPAL J. BOUCHARD ELECTRICAL DRAWN BY: APPROVED BY: ENGINEERS
GEOSCIENTISTS CONNECTION DIAGRAM J. deLEON J. BOUCHARD SCALE: AS NOTED ISSUED FOR CONSTRUCTION MS-F03 FLOOD PUMP SHT. 2 Certificate of Authorization DATE: 2019/07/12 00 ISSUED FOR TENDER AND CONSTRUCTION 2019/07/12 LU JAB CONSULTANT NO.: 19-0107-002\_E15.2 KGS Group No. 245 DATE DESIGN CHECK PLOT DATE: Jul 12, 2019 - 12:44pm FILE NAME: 19-0107-002\_E15.2.dwg