

PROJECT ITEM:

BILL OF WIRE

BENCHMARK: 99SZ

1899807

MCGR AU FORD

OP NUMBER: 11082740

| CIRCUIT CIRCUIT TYPE | FROM REFERENCE | TO REFERENCE | FUNCTION VOLTAGE | #CABLES #CONDS | SIZE LENGTH | INSULATION REMARKS/REVISION |
|-------------------------|-------------------------|-------------------------|---------------------|-------------------|----------------|--------------------------------|
| 1-13/BCDC | PANEL 1 (D-7-001) | PANEL 13 (D-424-002) | INSTALL | 1 2 | #10 55 | 600V PIPJ |
| 1-13/PDC | PANEL 1 (D-7-001) | PANEL 13 (D-424-002) | INSTALL | 1 2 | #10 55 | 600V PIPJ |
| 1-14/PDC | PANEL 1 (D-7-001) | PANEL 14 (D-425-002) | INSTALL | 1 2 | #10 65 | 600V PIPJ |
| 13-19/SDC | PANEL 13 (D-424-002) | PANEL 19 (D-104-001) | INSTALL | 1 2 | #10 35 | 600V PIPJ |
| 13-46/DFR1 | PANEL 13 (D-424-002) | PANEL 46 (H-71-001) | INSTALL | 1 4 | #16 60 | SHIELED |
| 13-46/DFR2 | PANEL 13 (D-424-002) | PANEL 46 (H-71-001) | INSTALL | 1 4 | #16 60 | SHIELED |
| 13-46/ER1 | PANEL 13 (D-424-002) | PANEL 46 (H-71-001) | INSTALL | 1 4 | #16 60 | SHIELED |
| 13-46/ER2 | PANEL 13 (D-424-002) | PANEL 46 (H-71-001) | INSTALL | 1 4 | #16 60 | SHIELED |
| 13-46/ER3 | PANEL 13 (D-424-002) | PANEL 46 (H-71-001) | INSTALL | 1 4 | #16 60 | SHIELED |
| 13-46/ER4 | PANEL 13 (D-424-002) | PANEL 46 (H-71-001) | INSTALL | 1 2 | #16 60 | SHIELED |
| 13-51/OHB1 | PANEL 13 (D-424-002) | PANEL 51 (H-27-001) | INSTALL | 1 4 | #10 40 | 600V PIPJ |
| 13-51/OHB2 | PANEL 13 (D-424-002) | PANEL 51 (H-27-001) | INSTALL | 1 4 | #10 40 | 600V PIPJ |
| 13-51/SCDC | PANEL 13 (D-424-002) | PANEL 51 (H-27-001) | INSTALL | 1 2 | #10 40 | 600V PIPJ |
| 13-59/C1 | PANEL 13 (D-424-002) | PANEL 59 (D-114-001) | INSTALL | 1 2 | #10 40 | 600V PIPJ |
| 13-59/C2 | PANEL 13 (D-424-002) | PANEL 59 (D-114-001) | INSTALL | 1 2 | #10 40 | 600V PIPJ |

DATE: 1/8/2025

LISTED: GARCIA,ERIK

FACILITY ID: 01-173-BW REV 00

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|-------------------------|-------------------------|-------------------------------|---------------------|-------------------|----------------|--------------------------------|
| 13-59/C3 | PANEL 13 (D-424-002) | PANEL 59 (D-114-001) | INSTALL | 1 2 | #10 40 | 600V PIPJ |
| 13-59/C4 | PANEL 13 (D-424-002) | PANEL 59 (D-114-001) | INSTALL | 1 2 | #10 40 | 600V PIPJ |
| 13-59/C5 | PANEL 13 (D-424-002) | PANEL 59 (D-114-001) | INSTALL | 1 2 | #10 40 | 600V PIPJ |
| 13-60/C1 | PANEL 13 (D-424-002) | PANEL 60 (D-265-001) | INSTALL | 1 2 | #10 50 | 600V PIPJ |
| 13-888/COM1 | PANEL 13 (D-424-002) | 230KV PCB #888 (D-426-002) | INSTALL | 1 4 | 200M 1400 | FIBER OPTIC |
| 13-G/888C1 | PANEL 13 (D-424-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 30 | 600V PIPJ |
| 13-G/888C2 | PANEL 13 (D-424-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 30 | 600V PIPJ |
| 13-G/888C3 | PANEL 13 (D-424-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 30 | 600V PIPJ |
| 13-G/888C4 | PANEL 13 (D-424-002) | PANEL G (H-68-001) | INSTALL | 1 2 | #10 30 | 600V PIPJ |
| 13-G/888C5 | PANEL 13 (D-424-002) | PANEL G (H-68-001) | INSTALL | 1 2 | #10 30 | 600V PIPJ |
| 13-G/888PR1 | PANEL 13 (D-424-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 30 | 600V PIPJ |
| 13-G/888R1 | PANEL 13 (D-424-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 30 | 600V PIPJ |
| 13-G/888R2 | PANEL 13 (D-424-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 30 | 600V PIPJ |
| 14/AC | PANEL 14 (D-425-002) | PANEL G (H-68-001) | INSTALL | 1 2 | #10 75 | 600V PIPJ |
| 14-46/ER1 | PANEL 14 (D-425-002) | PANEL 46 (H-71-001) | INSTALL | 1 2 | #16 65 | SHIELDED |

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|-------------------------|-------------------------|-------------------------|---------------------|-------------------|----------------|--------------------------------|
| 14-G/22PM1 | PANEL 14 (D-425-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 40 | 600V PIPJ |
| 14-G/22SM1 | PANEL 14 (D-425-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 40 | 600V PIPJ |
| 14-G/PM2 | PANEL 14 (D-425-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 40 | 600V PIPJ |
| 14-G/RM1 | PANEL 14 (D-425-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 30 | 600V PIPJ |
| 14-G/RM2 | PANEL 14 (D-425-002) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 30 | 600V PIPJ |
| 19-G/888DC | PANEL 19 (D-104-001) | PANEL G (H-68-001) | INSTALL | 1 2 | #10 55 | 600V PIPJ |
| 19-G/CCVTDC | PANEL 19 (D-104-001) | PANEL G (H-68-001) | INSTALL | 1 2 | #10 55 | 600V PIPJ |
| 2-13/SAL | PANEL 2 (D-20-001) | PANEL 13 (D-424-002) | INSTALL | 1 4 | #16 50 | SHIELDED |
| 3-14/COM1 | PANEL 3 (D-184-001) | PANEL 14 (D-425-002) | INSTALL | 1 8 | #24 35 | SHIELDED |
| 4-13/COM1 | PANEL 4 (D-187-001) | PANEL 13 (D-424-002) | INSTALL | 1 8 | #24 50 | SHIELDED |
| 4-13/COM2 | PANEL 4 (D-187-001) | PANEL 13 (D-424-002) | INSTALL | 1 8 | #24 50 | SHIELDED |
| 4-13/COM3 | PANEL 4 (D-187-001) | PANEL 13 (D-424-002) | INSTALL | 1 8 | #24 50 | SHIELDED |
| 4-14/COM1 | PANEL 4 (D-187-001) | PANEL 14 (D-425-002) | INSTALL | 1 8 | #24 55 | SHIELDED |
| 4-14/COM2 | PANEL 4 (D-187-001) | PANEL 14 (D-425-002) | INSTALL | 1 8 | #24 55 | SHIELDED |
| 59-G/888R4 | PANEL 59 (D-114-001) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 60 | 600V PIPJ |

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OP NUMBER: 11082740

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|-------------------------|-----------------------------------|-------------------------------|---------------------|-------------------|----------------|--------------------------------|
| 60-G/888R3 | PANEL 60 (D-265-001) | PANEL G (H-68-001) | INSTALL | 1 4 | #10 65 | 600V PIPJ |
| 888/AC | 230KV AC THROWOVER (D-215-001) | 230KV PCB #888 (D-426-003) | INSTALL | 1 3 | #4 500 | 600V SH/FR |
| G/22PM1 | PANEL G (H-68-001) | 230KV CCVT (D-427-001) | INSTALL | 1 4 | #10 1350 | 600V SH |
| G/22SM1 | PANEL G (H-68-001) | METERING PT (D-428-001) | INSTALL | 1 4 | #10 1350 | 600V SH |
| G/888PR1 | PANEL G (H-68-001) | 230KV CCVT (D-427-001) | INSTALL | 1 4 | #10 1350 | 600V SH |
| G/888SR1 | PANEL G (H-68-001) | 230KV CCVT (D-427-001) | INSTALL | 1 4 | #10 1350 | 600V SH |
| G/PM2 | PANEL G (H-68-001) | METERING PT (D-428-001) | INSTALL | 1 4 | #10 1350 | 600V SH |
| G/RM1 | PANEL G (H-68-001) | METERING CT (D-428-001) | INSTALL | 1 4 | #10 1350 | 600V SH |
| G/RM2 | PANEL G (H-68-001) | METERING CT (D-428-001) | INSTALL | 1 4 | #10 1350 | 600V SH |
| G-888/C1 | PANEL G (H-68-001) | 230KV PCB #888 (D-426-003) | INSTALL | 1 4 | #4 1300 | 600V SH/FR |
| G-888/C2 | PANEL G (H-68-001) | 230KV PCB #888 (D-426-003) | INSTALL | 1 4 | #10 1300 | 600V SH |
| G-888/C3 | PANEL G (H-68-001) | 230KV PCB #888 (D-426-003) | INSTALL | 1 4 | #4 1300 | 600V SH/FR |
| G-888/C4 | PANEL G (H-68-001) | 230KV PCB #888 (D-426-003) | INSTALL | 1 4 | #10 1300 | 600V SH |
| G-888/DC | PANEL G (H-68-001) | 230KV PCB #888 (D-426-003) | INSTALL | 1 2 | #10 1300 | 600V SH |
| G-888/R1 | PANEL G (H-68-001) | 230KV PCB #888 (D-426-004) | INSTALL | 1 4 | #8 1300 | 600V SH |

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| <i>CIRCUIT CIRCUIT TYPE</i> | <i>FROM REFERENCE</i> | <i>TO REFERENCE</i> | <i>FUNCTION VOLTAGE</i> | <i>#CABLES #CONDS</i> | <i>SIZE LENGTH</i> | <i>INSULATION REMARKS/REVISION</i> |
|---------------------------------|---------------------------|-------------------------------|-----------------------------|---------------------------|------------------------|--|
| G-888/R2 | PANEL G (H-68-001) | 230KV PCB #888 (D-426-004) | INSTALL [REDACTED] | 1 4 | #8 1300 | 600V SH |
| G-888/R3 | PANEL G (H-68-001) | 230KV PCB #888 (D-426-004) | INSTALL [REDACTED] | 1 4 | #8 1300 | 600V SH |
| G-888/R4 | PANEL G (H-68-001) | 230KV PCB #888 (D-426-004) | INSTALL [REDACTED] | 1 4 | #8 1300 | 600V SH |
| G-CCVT/DC | PANEL G (H-68-001) | 230KV CCVT (D-427-001) | INSTALL [REDACTED] | 1 2 | #10 1350 | 600V SH |