

PROJECT ITEM:

BILL OF WIRE

BENCHMARK: 99SZ

1899807

MCGRAU 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	SHIELDED
13-46/DFR2	PANEL 13 (D-424-002)	PANEL 46 (H-71-001)	INSTALL	1 4	#16 60	SHIELDED
13-46/ER1	PANEL 13 (D-424-002)	PANEL 46 (H-71-001)	INSTALL	1 4	#16 60	SHIELDED
13-46/ER2	PANEL 13 (D-424-002)	PANEL 46 (H-71-001)	INSTALL	1 4	#16 60	SHIELDED
13-46/ER3	PANEL 13 (D-424-002)	PANEL 46 (H-71-001)	INSTALL	1 4	#16 60	SHIELDED
13-46/ER4	PANEL 13 (D-424-002)	PANEL 46 (H-71-001)	INSTALL	1 2	#16 60	SHIELDED
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

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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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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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G-888/R2	PANEL G (H-68-001)	230KV PCB #888 (D-426-004)	INSTALL	1 4	#8 1300	600V SH
G-888/R3	PANEL G (H-68-001)	230KV PCB #888 (D-426-004)	INSTALL	1 4	#8 1300	600V SH
G-888/R4	PANEL G (H-68-001)	230KV PCB #888 (D-426-004)	INSTALL	1 4	#8 1300	600V SH
G-CCVT/DC	PANEL G (H-68-001)	230KV CCVT (D-427-001)	INSTALL	1 2	#10 1350	600V SH