

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 10G

1898303

## BERKELEY LAKE

OP NUMBER: 10548761

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
8-192/COM1 COMMUNICATIONS	SIA PANEL #8 D140-004	25KV PCB #192 D140-004	RELOCATE DC	1 4	#24	SHIELDED WAS 192/COM1
8-442/COM1 COMMUNICATIONS	SIA PANEL #8 D140-004	25KV PCB #442 D140-004	RELOCATE DC	1 4	#24	SHIELDED WAS 442/COM1
8-552/COM1 COMMUNICATIONS	SIA PANEL #8 D140-004	25KV PCB #552 D140-004	RELOCATE DC	1 4	#24	SHIELDED WAS 552/COM1
8-662/COM1 COMMUNICATIONS	SIA PANEL #8 D140-004	25KV PCB #662 D140-004	RELOCATE DC	1 4	#24	SHIELDED WAS 662/COM1
5-TS/COM1 COMMUNICATIONS	SWITCHBOARD PANEL #5 D129 (RETIRED)	RADIO PANEL D129 (RETIRED)	REMOVE DC			
DAQ-TS/COM1 COMMUNICATIONS	SUPV. REMOTE CAB. H10	TERMINAL SERVER D127	REMOVE DC			
RTU-RADIO/COM1 COMMUNICATIONS	SUPV. REMOTE CAB. D129 (RETIRED)	RADIO PANEL D129 (RETIRED)	REMOVE DC			
RTU-RADIO/COM2 COMMUNICATIONS	SUPV. REMOTE CAB. D129 (RETIRED)	RADIO PANEL D129 (RETIRED)	REMOVE DC			
RTU-RADIO/COM3 COMMUNICATIONS	SUPV. REMOTE CAB. D129 (RETIRED)	RADIO PANEL D129 (RETIRED)	REMOVE DC			
LTC-RAD/COM1 COMMUNICATIONS	BANK B POTENTIAL J.B. D63	RADIO PANEL D140-004	RENAME DC	1 4	#24	SHIELDED WAS RTU-RADIO/COM3

DATE: 11/15/2022

LISTED: MCCULLOUGH, JM

FACILITY ID: 15-364-BW REV 00

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 20A

2003301

LIVE OAK

OP NUMBER: 11052055

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1-4/EDC DC SUPPLY	PANEL #1 D-32	DME PANEL #4 D-116-002	INSTALL 125 DC	1 2	#10 20	600V PIPJ
2-16/COM2 COMMUNICATIONS	SIA PANEL #2 D-36	PANEL #16 D-36	INSTALL DC	1 8	#24 35	SHIELDED CAT5 CABLE
2-4/SAL1 SUPERVISORY ALARM	SIA PANEL #2 D-35	DME PANEL #4 D-116-002	INSTALL 125 DC	1 2	#16 20	SHIELDED
2-4/SCDC DC SUPPLY	SIA PANEL #2 D-35	DME PANEL #4 D-116-002	INSTALL 125 DC	1 2	#10 20	600V PIPJ
4/AC AC SUPPLY	CNTL HOUSE AC PANEL	DME PANEL #4 D-116-002	INSTALL 120 AC	1 2	#10 20	600V PIPJ
4-14/ER1 DME DIGITAL	DME PANEL #4 D-116-002	PANEL #14 D-107	INSTALL 125 DC	1 8	#18 35	600 SHLD
4-15/ER1 DME DIGITAL	DME PANEL #4 D-116-002	PANEL #15 D-62	INSTALL 125 DC	1 8	#18 30	600 SHLD
4-16/DFR1 DME ANALOG	DME PANEL #4 D-116-002	PANEL #16 D-68	INSTALL AC	1 12	#18 30	600 SHLD
4-16/ER1 DME DIGITAL	DME PANEL #4 D-116-002	PANEL #16 D-68	INSTALL 125 DC	1 8	#18 30	600 SHLD
4-17/ER1 DME DIGITAL	DME PANEL #4 D-116-002	PANEL #17 D-72	INSTALL 125 DC	1 8	#18 25	600 SHLD
4-6/DFR1 DME ANALOG	DME PANEL #4 D-116-002	PANEL #6 D-43	INSTALL AC	1 12	#18 25	600 SHLD
4-6/ER1 DME DIGITAL	DME PANEL #4 D-116-002	PANEL #6 D-43	INSTALL 125 DC	1 8	#18 25	600 SHLD
4-7/ER1 DME DIGITAL	DME PANEL #4 D-116-002	PANEL #7 D-50	INSTALL 125 DC	1 8	#18 20	600 SHLD
4-8/DFR1 DME ANALOG	DME PANEL #4 D-116-002	PANEL #8 D-55	INSTALL AC	1 12	#18 20	600 SHLD

PROJECT ITEM:  
2003301

LIVE OAK

BENCHMARK: 20A  
OP NUMBER: 11052055

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
4-8/ER1 DME DIGITAL	DME PANEL #4 D-116-002	PANEL #8 D-55	INSTALL 125 DC	1 8	#18 20	600 SHLD
4-RAD/COM COMMUNICATIONS	DME PANEL #4 D-36	ORBIT RADIO D-36	INSTALL DC	1 8	#24 20	SHIELDED CAT5 CABLE

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 40H

1403346

METTER PRIMARY

OP NUMBER: 10581855

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1/DC-1	PANEL 1 D-91-002	SS. INDOOR DC CABINET D-99-001	INSTALL	1 2	#10 60	600V PIPJ
10/DC-1	PANEL 10 D-96-002	SS. INDOOR DC CABINET D-99-001	INSTALL	1 2	#10 60	600V PIPJ
10/DC-2	PANEL 10 D-96-002	SS. INDOOR DC CABINET D-99-001	INSTALL	1 2	#10 60	600V PIPJ
10/DC-3	PANEL 10 D-96-002	SS. INDOOR DC CABINET D-99-001	INSTALL	1 2	#10 60	600V PIPJ
10-1T/400R1	PANEL 10 D-96-002	PANEL 1T D-97-002	INSTALL	1 4	#10 35	600V PIPJ
10-1T/400R2	PANEL 10 D-96-002	PANEL 1T D-97-002	INSTALL	1 4	#10 35	600V PIPJ
10-1T/CAP1RN	PANEL 10 D-96-002	PANEL 1T D-97-002	INSTALL	1 2	#10 60	600V PIPJ
10-1T/PR	PANEL 10 D-96-002	PANEL 1T D-97-002	INSTALL	1 4	#10 35	600V PIPJ
10-400/COM1	PANEL 10 D-94-004	PCB 400 D-94-004	INSTALL	1 4	200M 270	FIBER OPTIC
1-1T/152C1	PANEL 1 D-91-002	PANEL 1T D-97-002	INSTALL	1 4	#10 65	600V PIPJ
1-1T/152C2	PANEL 1 D-91-002	PANEL 1T D-97-002	INSTALL	1 4	#10 60	600V PIPJ
1-1T/152C3	PANEL 1 D-91-002	PANEL 1T D-97-002	INSTALL	1 2	#10 60	600V PIPJ
1-1T/152R1	PANEL 1 D-91-002	PANEL 1T D-97-002	INSTALL	1 4	#10 60	600V PIPJ
1-2/C1	PANEL 1 D-91-002	PANEL 2 D-92-002	INSTALL	1 2	#10 25	600V PIPJ

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 40H

1403346

METTER PRIMARY

OP NUMBER: 10581855

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1-2/P11	PANEL 1 D-91-002	PANEL 2 D-92-002	INSTALL	1 4	#10 30	600V PIPJ
142REG/COM1	PANEL 8 D-94-004	PCB 112142 D-94-004	INSTALL	1 4	#24 265	SHIELDED
142REG-T.O./COM1	T.O. PANEL D-94-004	PCB 112142 D-94-004	INSTALL	1 4	#24 265	SHIELDED
152/AC	B4152 XXXX	SS. INDOOR AC CABINET D-99-003	INSTALL	1 4	#10 245	600V PIPJ
1-8/COM1	PANEL 1 D-94-004	PANEL 8 D-94-004	INSTALL	1 4	#24 60	SHIELDED
1-8/SAL1	PANEL 1 D-91-002	PANEL 8 D-94-002	INSTALL	1 4	#10 40	600V PIPJ
1-8/SDC	PANEL 1 D-91-002	PANEL 8 D-94-002	INSTALL	1 2	#10 60	600V PIPJ
1-T.O./COM1	PANEL 1 D-94-004	T.O. PANEL D-94-004	INSTALL	1 4	#24 60	SHIELDED
1T-10/400C1	PANEL 1T D-97-002	PANEL 10 D-96-002	INSTALL	1 4	#10 35	600V PIPJ
1T-10/400C2	PANEL 1T D-97-002	PANEL 10 D-96-002	INSTALL	1 4	#10 35	600V PIPJ
1T-10/400C3	PANEL 1T D-97-002	PANEL 10 D-96-002	INSTALL	1 4	#10 35	600V PIPJ
1T-10/400C4	PANEL 1T D-97-002	PANEL 10 D-96-002	INSTALL	1 4	#10 35	600V PIPJ
1T-152/C1	PANEL 1T D-97-002	B4152 XXXX	INSTALL	1 4	#10 235	600V PIPJ
1T-152/C2	PANEL 1T D-97-002	B4152 XXXX	INSTALL	1 4	#10 235	600V PIPJ

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 40H

1403346

## METTER PRIMARY

OP NUMBER: 10581855

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1T-152/C3	PANEL 1T D-97-002	B4152 XXXX	INSTALL	1 2	#10 250	600V PIPJ
1T-152/C4	PANEL 1T D-97-002	B4152 XXXX	INSTALL	1 2	#10 230	600V PIPJ
1T-152/R1	PANEL 1T D-97-002	B4152 XXXX	INSTALL	1 4	#10 235	600V PIPJ
1T-152/R2	PANEL 1T D-97-002	B4152 XXXX	INSTALL	1 4	#10 235	600V PIPJ
1T-176/P11	PANEL 1T D-97-002	B4176 XXXX	INSTALL	1 4	#10 155	600V PIPJ
1T-2/152C1	PANEL 1T D-97-002	PANEL 2 D-92-002	INSTALL	1 2	#10 60	600V PIPJ
1T-2/746C4	PANEL 1T D-97-002	PANEL 2 D-92-002	INSTALL	1 2	#10 60	600V PIPJ
1T-2/C1	PANEL 1T D-97-002	PANEL 2 D-92-002	INSTALL	1 2	#10 60	600V PIPJ
1T-2/C2	PANEL 1T D-97-002	PANEL 2 D-92-002	INSTALL	1 4	#10 60	600V PIPJ
1T-2/C3	PANEL 1T D-97-002	PANEL 9 D-92-002	INSTALL	1 2	#10 60	600V PIPJ
1T-400/C1	PANEL 1T D-97-002	112400 XXXX	INSTALL	1 4	#10 220	600V PIPJ
1T-400/C2	PANEL 1T D-97-002	112400 XXXX	INSTALL	1 4	#10 220	600V PIPJ
1T-400/C3	PANEL 1T D-97-002	112400 XXXX	INSTALL	1 4	#10 220	600V PIPJ
1T-400/C4	PANEL 1T D-97-002	112400 XXXX	INSTALL	1 4	#10 220	600V PIPJ

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 10G

1830701

## LAURENS COUNTY SVC

WORKORDER: 298116

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
3/AC AC SUPPLY	SIA PANEL #3 D420	A.C. PANEL #2 D302	INSTALL 240 AC	1 2	#10 40	600V PIPJ
3/COM1 COMMUNICATIONS	SIA PANEL #3 D420	SIA PANEL #3 D420	INSTALL DC	1 8	#24 5	SHIELDED
3/COM2 COMMUNICATIONS	SIA PANEL #3 D420	SIA PANEL #3 D420	INSTALL DC	1 8	#24 5	SHIELDED
3/COM4 COMMUNICATIONS	SIA PANEL #3 D420	SIA PANEL #3 D420	INSTALL DC	1 8	#24 5	SHIELDED
3-4/SAL SUPERVISORY ALARM	SIA PANEL #3 D420	SWITCHBOARD PANEL #4 D380	INSTALL 125 DC	1 2	#16 15	SHIELDED
3-4/SCDC DC SUPPLY	SIA PANEL #3 D420	SWITCHBOARD PANEL #4 D380	INSTALL 125 DC	1 2	#10 15	600V PIPJ
3-ATS/SAL SUPERVISORY ALARM	SIA PANEL #3 D420	AUTO TRANSFER SWITCH D302	INSTALL 125 DC	1 2	#16 30	SHIELDED
3-ATS/SCDC DC SUPPLY	SIA PANEL #3 D420	AUTO TRANSFER SWITCH D302	INSTALL 125 DC	1 2	#10 30	600V PIPJ
3-BC1/SAL SUPERVISORY ALARM	SIA PANEL #3 D420	BATTERY CHARGER #1 D305	INSTALL 125 DC	1 4	#16 35	SHIELDED
3-BC1/SCDC DC SUPPLY	SIA PANEL #3 D420	BATTERY CHARGER #1 D305	INSTALL 125 DC	1 2	#10 35	600V PIPJ
3-BC2/SAL SUPERVISORY ALARM	SIA PANEL #3 D420	BATTERY CHARGER #2 D305	INSTALL 125 DC	1 4	#16 30	SHIELDED
3-BC2/SCDC DC SUPPLY	SIA PANEL #3 D420	BATTERY CHARGER #2 D305	INSTALL 125 DC	1 2	#10 30	600V PIPJ
3-BK1/COM COMMUNICATIONS	SIA PANEL #3 D420	115/13.2KV BANK #1 D273	INSTALL DC	1 4	200M 300	FIBER OPTIC
3-BK2/COM COMMUNICATIONS	SIA PANEL #3 D420	115/13.2KV BANK #2 D275	INSTALL DC	1 4	200M 250	FIBER OPTIC

## BILL OF WIRE

PROJECT ITEM:

1830701

## LAURENS COUNTY SVC

BENCHMARK: 10G

WORKORDER: 298116

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
BAL-SAL20	DAQ PANEL H1	MULTITEL PROBE #2 D305	REMOVE			
LAL5	DAQ PANEL H1	LCP PANEL D363	REMOVE			
LAL6	DAQ PANEL H1	LCP PANEL D363	REMOVE			
RTU-RAD/COM1	SWITCHBOARD PANEL #3 H1	PERLE SERVER D417	REMOVE			
SAL9	DAQ PANEL H1	AUTO TRANSFER SWITCH D302	REMOVE			
3-MC/SCDC DC SUPPLY	SIA PANEL #3 D420	MARSHALLING CABINET D290	RENAME 125 DC		40	WAS 3SAL5



## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 99SZ

1718923

LAWRENCEVILLE

WORKORDER: JM4504

<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>
<b>8/FO1</b> COMMUNICATIONS	I.T. PANEL #8 FO BOX #1 518(4)	NORC 115KV LINE SPL CAN	INSTALL DC	1 36	SM	FIBER OPTIC INSTALLED BY LINE CONSTRUCTION
<b>8-51/ITDC</b> DC SUPPLY	I.T. PANEL #8 518(3)	DC PANEL #51 D59	INSTALL 125 DC	1 2	#10 <b>60</b>	600V PIPJ
<b>ICON/FO1</b> COMMUNICATIONS	I.T. PANEL #8 FO BOX #1 518(4)	I.T. PANEL #8 SEL-ICON	INSTALL DC	1 1	9M	FIBER OPTIC <b>6</b> SM DUPLEX JMPR 2M
<b>ICON/FO2</b> COMMUNICATIONS	I.T. PANEL #8 FO BOX #1 518(4)	I.T. PANEL #8 SEL-ICON	INSTALL DC	1 1	9M	FIBER OPTIC <b>6</b> SM DUPLEX JMPR 2M

## BILL OF WIRE

BENCHMARK: 96SC

PROJECT ITEM:

MULKEY ROAD

WORKORDER: 421515

1865128

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1COMM/A COMMUNICATIONS	RELAY/CONTROL PANEL #1 D50	SUPV. REMOTE CAB. D50	EXISTING DC	1 5	#22	300V SH SEL-C246
1P1 POTENTIAL	RELAY/CONTROL PANEL #1 D42	LTE RADIO CABINET D51	EXISTING 120 AC	1 4	#10	600V PIPJ
1P1A POTENTIAL	25KV BUS PT SFTY SW D28	LTE RADIO CABINET D51	EXISTING 120 AC	1 4	#10	600V PIPJ
RAD/COM1 COMMUNICATIONS	LTE RADIO CABINET D50	LTE RADIO CABINET D50	EXISTING DC	1 8	#24	SHIELDED CAT-5
RAD/COM2 COMMUNICATIONS	LTE RADIO CABINET D50	LTE RADIO CABINET D50	EXISTING DC	1 8	#24	SHIELDED CAT-5
REG/COM COMMUNICATIONS	SUPV. REMOTE CAB. D35	LTE RADIO CABINET D51	EXISTING DC	1 4	#24	SHIELDED
RLY/COM COMMUNICATIONS	RELAY/CONTROL PANEL #2 D50	LTE RADIO CABINET D50	EXISTING DC	1 4	#24	SHIELDED
RTU-RAD/COM COMMUNICATIONS	SUPV. REMOTE CAB. D50	LTE RADIO CABINET D50	EXISTING DC	1 8	#24	SHIELDED CAT-5
722REG/COM1 COMMUNICATIONS	REGULATOR #722 PH. 1 D48	REGULATOR #722 JCT BOX D48	INSTALL DC	1 4	#24 25	SHIELDED
722REG/COM2 COMMUNICATIONS	REGULATOR #722 PH. 2 D48	REGULATOR #722 JCT BOX D48	INSTALL DC	1 4	#24 15	SHIELDED
722REG/COM3 COMMUNICATIONS	REGULATOR #722 PH. 3 D48	REGULATOR #722 JCT BOX D48	INSTALL DC	1 4	#24 25	SHIELDED
AC722 AC SUPPLY	STA. SERV. CABINET D11	25KV PCB #722 D46-002	INSTALL 240 AC	1 4	#10 50	600V PIPJ
AC732 AC SUPPLY	STA. SERV. CABINET D11	25KV PCB #732 D47-002	INSTALL 240 AC	1 4	#10 50	600V PIPJ
1R2/722 RELAYING	RELAY/CONTROL PANEL #1 D42	25KV PCB #722 D46-003	RELOCATE AC	1 4	#10	600V PIPJ RELOCATE FROM EXISTING PCB #722

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 96SC

1865128

MULKEY ROAD

WORKORDER: 421515

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1R3/732 RELAYING	RELAY/CONTROL PANEL #1 D42	25KV PCB #732 D47-003	RELOCATE AC	1 4	#10	600V PIPJ RELOCATE FROM EXISTING PCB #732
2C1/722 CONTROL	RELAY/CONTROL PANEL #2 D32	25KV PCB #722 D46-002	RELOCATE 125 DC	1 4	#10	600V PIPJ RELOCATE FROM EXISTING PCB #722
2C2/722 CONTROL	RELAY/CONTROL PANEL #2 D32	25KV PCB #722 D46-002	RELOCATE 125 DC	1 4	#10	600V PIPJ RELOCATE FROM EXISTING PCB #722
2C3/732 CONTROL	RELAY/CONTROL PANEL #2 D32	25KV PCB #732 D47-002	RELOCATE 125 DC	1 4	#10	600V PIPJ RELOCATE FROM EXISTING PCB #732
2C4/732 CONTROL	RELAY/CONTROL PANEL #2 D32	25KV PCB #732 D47-002	RELOCATE 125 DC	1 4	#10	600V PIPJ RELOCATE FROM EXISTING PCB #732
2R1/722 RELAYING	RELAY/CONTROL PANEL #2 D32	25KV PCB #722 D46-003	RELOCATE AC	1 4	#10	600V PIPJ RELOCATE FROM EXISTING PCB #722
2R2/732 RELAYING	RELAY/CONTROL PANEL #2 D32	25KV PCB #732 D47-003	RELOCATE AC	1 4	#10	600V PIPJ RELOCATE FROM EXISTING PCB #732
AC1 AC SUPPLY	STA. SERV. CABINET D11	A.C. JCT. BOX #1 D12	REMOVE 240 AC	1 2	#6	600V PIPJ
AC722 AC SUPPLY	A.C. JCT. BOX #1 D12	25KV PCB #722 D19	REMOVE 240 AC	1 2	#10	600V PIPJ
AC732 AC SUPPLY	A.C. JCT. BOX #1 D12	25KV PCB #732 D21	REMOVE 240 AC	1 2	#10	600V PIPJ
722REG/COM COMMUNICATIONS	REGULATOR #722 JCT BOX D48	SUPV. REMOTE CAB. D35	RENAME DC	1 4	#16	SHIELDED WAS TM1/722R
732REG/COM COMMUNICATIONS	REGULATOR #732 JCT BOX D49	SUPV. REMOTE CAB. D35	RENAME DC	1 4	#16	SHIELDED WAS TM4/732R

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	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	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	PANEL 46	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-71-002)	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-424-001)	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

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
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

DATE: 1/8/2025

LISTED: GARCIA,ERIK

FACILITY ID: 01-173-BW REV 00

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
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

DATE: 1/8/2025

LISTED: GARCIA,ERIK

FACILITY ID: 01-173-BW REV 00

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
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

DATE: 1/8/2025

LISTED: GARCIA,ERIK

FACILITY ID: 01-173-BW REV 00

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
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
G-CCVT/XD	PANEL G (H-68-001)	230KV CCVT (D-427-001)	INSTALL	1 2	#10 1350	600V SH

1350  
600V SHPANEL G  
(H-68-001)



## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 99SZ

1952302

## HYUNDAI MOTORS

OP NUMBER: 10587685

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1-14/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #14 H-11-005	INSTALL DC	1 8	#24 47	SHIELDED CAT5 CABLE
1-14/COM2 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #14 H-11-005	INSTALL DC	1 8	#24 47	SHIELDED CAT5 CABLE
1-15/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #15 H-11-005	INSTALL DC	1 8	#24 50	SHIELDED CAT5 CABLE
1-15/COM2 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #15 H-11-005	INSTALL DC	1 8	#24 50	SHIELDED CAT5 CABLE
1-15/COM3 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #15 H-11-005	INSTALL DC	1 8	#24 50	SHIELDED CAT5 CABLE
1-16/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #16 H-11-005	INSTALL DC	1 8	#24 53	SHIELDED CAT5 CABLE
1-20/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #20 H-11-005	INSTALL DC	1 8	#24 62	SHIELDED CAT5 CABLE
1-3/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #3 H-11-005	INSTALL DC	1 8	#24 23	SHIELDED CAT5 CABLE
1-30/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #30 H-11-005	INSTALL DC	1 4	200M 86	FIBER OPTIC CAT5 CABLE
1-30/COM2 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #30 H-11-005	INSTALL DC	1 8	#24 86	SHIELDED CAT5 CABLE
1-30/COM3 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #30 H-11-005	INSTALL DC	1 8	#24 86	SHIELDED CAT5 CABLE
1-31/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #31 H-11-005	INSTALL DC	1 8	#24 84	SHIELDED CAT5 CABLE
1-32/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #32 H-11-005	INSTALL DC	1 8	#24 81	SHIELDED CAT5 CABLE

DATE: 8/22/2023

LISTED: SWAYZE, BA

FACILITY ID: 11602-BW

REV 00

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 99SZ

1952302

## HYUNDAI MOTORS

OP NUMBER: 10587685

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1-32/COM2 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #32 H-11-005	INSTALL DC	1 8	#24 81	SHIELDED CAT5 CABLE
1-33/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #33 H-11-005	INSTALL DC	1 8	#24 79	SHIELDED CAT5 CABLE
1-33/COM2 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #33 H-11-005	INSTALL DC	1 8	#24 79	SHIELDED CAT5 CABLE
1-33/COM3 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #33 H-11-005	INSTALL DC	1 8	#24 79	SHIELDED CAT5 CABLE
1-34/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #34 H-11-005	INSTALL DC	1 8	#24 77	SHIELDED CAT5 CABLE
1-34/COM2 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #34 H-11-005	INSTALL DC	1 8	#24 77	SHIELDED CAT5 CABLE
1-35/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #35 H-11-005	INSTALL DC	1 8	#24 74	SHIELDED CAT5 CABLE
1-35/COM2 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #35 H-11-005	INSTALL DC	1 8	#24 74	SHIELDED CAT5 CABLE
1-38/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #38 H-11-005	INSTALL DC	1 8	#24 64	SHIELDED CAT5 CABLE
1-39/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #39 H-11-005	INSTALL DC	1 8	#24 62	SHIELDED CAT5 CABLE
1-4/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #4 H-11-005	INSTALL DC	1 8	#24 25	SHIELDED CAT5 CABLE
1-4/COM2 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #4 H-11-005	INSTALL DC	1 8	#24 25	SHIELDED CAT5 CABLE
1-40/COM1 COMMUNICATIONS	PANEL #1 H-11-005	PANEL #40 H-11-005	INSTALL DC	1 4	200M 60	FIBER OPTIC CAT5 CABLE

DATE: 8/22/2023

LISTED: SWAYZE, BA

FACILITY ID: 11602-BW

REV 00

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 40AA

1833801

## ALLEN ROAD

WORKORDER: 585107

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1-8/DC2 DC SUPPLY	D.C. PANEL #1 D7	RLY PANEL #8 D42	INSTALL 125 DC	1 2	#10 40	600V PIPJ FRONT (PRI.) - 30A
262/AC AC SUPPLY	FEEDER #262 CTRL CAB D130	BK-B S.S. CAB. #2 D52	INSTALL 240 AC	1 4	#10 60	600V PIPJ 30A
2-8/COM1 SIA DATA/ENG. ACCESS	D.C. PANEL #5 D11	D.C. PANEL #2 D11	INSTALL DC	1 8	#24 40	SHIELDED SEL351_P2 TO SEL3610#A2_P1
6-8/C2 CONTROL	BK-B DIFF PANEL #6 D31	RLY PANEL #8 D42	INSTALL 125 DC	1 2	#10 40	600V PIPJ PCB# 262 CONTROL
6-A/262C4 CONTROL	BK-B DIFF PANEL #6 D31	TERM. PANEL "A" D45	INSTALL 125 DC	1 2	#10 40	600V PIPJ PCB# 262 CONTROL
7-A/262R2 RELAYING	BUS-2 DIFF PANEL #7 D38	TERM. PANEL "A" D45	INSTALL AC	1 4	#10 40	600V PIPJ CT
8-A/262C1 CONTROL	RLY PANEL #8 D42	TERM. PANEL "A" D45	INSTALL 125 DC	1 4	#10 40	600V PIPJ PCB# 262 CONTROL
8-A/262C2 CONTROL	RLY PANEL #8 D42	TERM. PANEL "A" D45	INSTALL 125 DC	1 4	#10 40	600V PIPJ PCB# 262 CONTROL
8-A/262C3 CONTROL	RLY PANEL #8 D42	TERM. PANEL "A" D45	INSTALL 125 DC	1 2	#10 40	600V PIPJ PCB# 262 CONTROL
8-A/262R1 RELAYING	RLY PANEL #8 D42	TERM. PANEL "A" D45	INSTALL AC	1 4	#10 40	600V PIPJ CT
A-262/C1 CONTROL	FEEDER #262 CTRL CAB D131	TERM. PANEL "A" D45	INSTALL 125 DC	1 4	#10 220	600V PIPJ PCB# 262 CONTROL
A-262/C2 CONTROL	FEEDER #262 CTRL CAB D131	TERM. PANEL "A" D45	INSTALL 125 DC	1 4	#10 220	600V PIPJ PCB# 262 CONTROL
A-262/C3 CONTROL	FEEDER #262 CTRL CAB D131	TERM. PANEL "A" D45	INSTALL 125 DC	1 2	#10 220	600V PIPJ PCB# 262 CONTROL
A-262/C4 CONTROL	FEEDER #262 CTRL CAB D131	TERM. PANEL "A" D45	INSTALL 125 DC	1 2	#10 220	600V PIPJ PCB# 262 CONTROL

BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 40AA

1833801

ALLEN ROAD

WORKORDER: 585107

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
A-262/R1 RELAYING	FEEDER #262 CTRL CAB D129	TERM. PANEL "A" D45	INSTALL AC	1 4	#10 220	600V PIPJ CT
A-262/R2 RELAYING	FEEDER #262 CTRL CAB D129	TERM. PANEL "A" D45	INSTALL AC	1 4	#10 220	600V PIPJ CT

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 99SZ

1767809

ROOPVILLE

WORKORDER: 278720

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
482/C CONTROL	12KV PCB #482 D-93-002	12KV PCB #482 SUB PANEL D-93-005	EXISTING 125 DC	1 24	#14 20	600 VOLT REORDERED AS EXTRA
482/C1 CONTROL	12KV PCB #482 D-93-002	12KV PCB #482 SUB PNL D-93-005	INSTALL 125 DC	1 2	#16 50	SHIELDED
482-SCFO COMMUNICATIONS	12KV PCB #482 SUB PANEL D-93-005	GTC RTU	INSTALL DC		50	(FIBER OPTIC) PROVIDED BY GTC
CTPT-RMAM POTENTIAL	RRM "A" TRANSFORMERS	REVENUE METER CABINET	INSTALL 120 AC		200	PROVIDED BY GTC
EMC-COM1 COMMUNICATIONS	MPLS INSERT	GTC/EMC JCT BOX	INSTALL DC		200	(FIBER OPTIC) PROVIDED BY GTC
EMC-COMAC AC SUPPLY	GTC RTU	GTC/EMC JCT BOX	INSTALL 240 AC	1 2	#10 200	600V PIPJ
EMC-COMDC DC SUPPLY	GTC RTU	GTC/EMC JCT BOX	INSTALL 125 DC	1 2	#10 200	600V PIPJ
GTC/AC AC SUPPLY	INDOOR AC CABINET #A D-44-001	GTC JCT BOX D-106-001	INSTALL 240 AC	1 4	#6 350	600V SH
GTC/DC DC SUPPLY	SEC DC PANEL D-43-002	GTC JCT BOX D-106-001	INSTALL 125 DC	1 2	#10 350	600V SH
GTC-482/C DC SUPPLY	12KV PCB #482 D-93-002	GTC JCT BOX D-106-001	INSTALL 125 DC	1 4	#10 75	600V PIPJ
GTC-686/C CONTROL	230KV PCB #686 D-89-003	GTC JCT BOX D-106-001	INSTALL 125 DC	1 2	#10 120	600V SH
RMA-SAL27 SUPERVISORY ALARM	GTC RTU	REVENUE METER CABINET	INSTALL 125 DC	1 4	#16 100	SHIELDED
RMA-SCFO COMMUNICATIONS	GTC RTU	REVENUE METER CABINET	INSTALL DC		100	(FIBER OPTIC) PROVIDED BY GTC
RTU-SAL10 SUPERVISORY ALARM	GTC JCT BOX D-106-001	GTC RTU	INSTALL 125 DC	1 2	#10 50	600V PIPJ

## BILL OF WIRE

BENCHMARK: 10G

PROJECT ITEM:

CASSVILLE

OP NUMBER: 11044177

1898121

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
RAD-PCB/COM1 COMMUNICATIONS	RADIO D44-004	REGULATOR JCT BOX 722 D44-004	EXISTING DC	1 4	#24	SHIELDED RECONNECT
RAD-REG/COM1 COMMUNICATIONS	RADIO D44-004	REGULATOR JCT BOX 722 D44-004	EXISTING DC	1 4	#24	SHIELDED RECONNECT
SIA/COM1 COMMUNICATIONS	SIA PAN.-PERLE ETHERNET D44-004	SIA PAN.- SEL3622 D44-004	INSTALL DC	1 8	#24 5	SHIELDED
SIA/COM2 COMMUNICATIONS	SIA PAN.-PERLE ETHERNET D44-004	SIA PAN.- SEL3505 D44-004	INSTALL DC	1 8	#24 5	SHIELDED
SIA/COM3 COMMUNICATIONS	SIA PAN.-SEL3622 D44-004	SIA PAN.-SEL2515 D44-004	INSTALL DC	1 4	200M 3	FIBER OPTIC
SIA/COM4 COMMUNICATIONS	SIA PAN.-PERLE ETHERNET D44-004	SIA PAN.- SATEC PM180 D44-004	INSTALL DC	1 8	#24 5	SHIELDED
SIA-722/COM1 COMMUNICATIONS	SIA PAN. -SEL3622 D44-004	25KV PCB 722 D44-004	INSTALL DC	1 4	200M 15	FIBER OPTIC
SIA-732/COM1 COMMUNICATIONS	SIA PAN. -SEL3622 D44-004	25KV PCB 732 D44-004	INSTALL DC	1 4	200M 20	FIBER OPTIC
SIA-BKA/COM1 COMMUNICATIONS	SIA PAN. -SEL3622 D44-004	46/25KV BANK A D44-004	INSTALL DC	1 4	200M 20	FIBER OPTIC
SIA-RAD/COM1 COMMUNICATIONS	SIA PNL. -SEL3622 D44-004	RADIO D44-004	INSTALL DC	1 8	#24 50	SHIELDED

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 99SZ

2032301

## VOGTLE COMMON

OP NUMBER: 11061508

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1F-2A/COM1 COMMUNICATIONS	SWITCHBOARD PANEL 2A E2127	SIA PANEL 1F E2127	INSTALL DC	1 8	#24 30	SHIELDED CAT5 CABLE
1F-3A/COM1 COMMUNICATIONS	SWITCHBOARD PANEL 3A E2127	SIA PANEL 1F E2127	INSTALL DC	1 8	#24 50	SHIELDED CAT5 CABLE
1F-4J/COM1 COMMUNICATIONS	SWITCHBOARD PANEL 4J E2127	SIA PANEL 1F E2127	INSTALL DC	1 8	#24 75	SHIELDED CAT5 CABLE
2A/PQMDC DC SUPPLY	SWITCHBOARD PANEL 2A E2806	ANFDC2 E1054	INSTALL 125 DC	1 2	#10 75	600V PIPJ
2A-2B/ER123 DME DIGITAL	SWITCHBOARD PANEL 2A E2806	500KV DME TERM PANEL 2B E2960	INSTALL 125 DC	1 2	#16 10	SHIELDED
2A-3A/PQMDC DC SUPPLY	SWITCHBOARD PANEL 2A E2806	SWITCHBOARD PANEL 3A E2821	INSTALL 125 DC	1 2	#10 25	600V PIPJ
2A-5A/ER190 DME DIGITAL	SWITCHBOARD PANEL 2A E2806	230KV DME TERM PANEL 5A E2968	INSTALL 125 DC	1 2	#16 40	SHIELDED
2B-3A/ER124 DME DIGITAL	SWITCHBOARD PANEL 3A E2821	500KV DME TERM PANEL 2B E2960	INSTALL 125 DC	1 2	#16 25	SHIELDED
2B-4J/ER125 DME DIGITAL	SWITCHBOARD PANEL 4J E2958	500KV DME TERM PANEL 2B E2960	INSTALL 125 DC	1 2	#16 75	SHIELDED
3A-4J/PQMDC DC SUPPLY	SWITCHBOARD PANEL 3A E2821	SWITCHBOARD PANEL 4J E2958	INSTALL 125 DC	1 2	#10 40	600V PIPJ
3A-5A/ER191 DME DIGITAL	SWITCHBOARD PANEL 3A E2821	230 DME TERM PANEL 5A E2968	INSTALL 125 DC	1 2	#16 40	SHIELDED
4J-5A/ER192 DME DIGITAL	SWITCHBOARD PANEL 4J E2958	230KV DME TERM PANEL 5A E2968	INSTALL 125 DC	1 2	#16 50	SHIELDED
ANF8003TS POTENTIAL	SWITCHBOARD PANEL 3A E2821	TERM PANEL 1B E1600	INSTALL 120 AC	1 4	#10 50	600V PIPJ
ANF8075TP POTENTIAL	SWITCHBOARD PANEL 4J E2958	TERM PANEL 1G E1605	INSTALL 120 AC	1 4	#10 75	600V PIPJ

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 99SZ

1943308

## SUMMER LAKE

OP NUMBER: 10584273

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1T-020/R2 RELAYING	TERM PANEL 1T (D-53-002)	230KV PCB #020 (D-59-006)	INSTALL AC	1 4	#10 225	600V SH
1T-020/R3 RELAYING	TERM PANEL 1T (D-53-002)	230KV PCB #020 (D-59-006)	INSTALL AC	1 4	#10 225	600V SH
1T-020/R4 RELAYING	TERM PANEL 1T (D-53-002)	230KV PCB #020 (D-59-006)	INSTALL AC	1 4	#10 225	600V SH
1T-020/SCDC DC SUPPLY	TERM PANEL 1T (D-53-002)	230KV PCB #020 (D-59-003)	INSTALL	1 2	#10 225	600V SH
1T-314/C1 CONTROL	TERM PANEL 1T (D-53-002)	25KV PCB #314 (D-70-004)	INSTALL	1 4	#10 400	600V SH
1T-314/C2 CONTROL	TERM PANEL 1T (D-53-002)	25KV PCB #314 (D-70-004)	INSTALL	1 4	#10 400	600V SH
1T-314/C3 CONTROL	TERM PANEL 1T (D-53-002)	25KV PCB #314 (D-70-004)	INSTALL	1 4	#10 400	600V SH
1T-314/R1 RELAYING	TERM PANEL 1T (D-53-002)	25KV PCB #314 (D-70-006)	INSTALL AC	1 4	#10 400	600V SH
1T-314/R2 RELAYING	TERM PANEL 1T (D-53-002)	25KV PCB #314 (D-70-006)	INSTALL AC	1 4	#10 400	600V SH
1T-BKA/C1 CONTROL	TERM PANEL 1T (D-53-002)	230-25KV BANK A (D-75-006)	INSTALL	1 4	#10 400	600V SH
1T-BKA/C2 CONTROL	TERM PANEL 1T (D-53-002)	230-25KV BANK A (D-75-006)	INSTALL	1 2	#10 400	600V SH
1T-BKA/LAR RELAYING	TERM PANEL 1T (D-53-002)	230-25KV BANK A (D-75-006)	INSTALL AC	1 2	#10 400	600V SH
1T-BKA/MDC DC SUPPLY	TERM PANEL 1T (D-53-002)	230-25KV BNK A METERING (D-101-001)	INSTALL	1 2	#10 400	600V SH
1T-BKA/P21 POTENTIAL	TERM PANEL 1T (D-53-002)	230-25KV BANK A (D-75-006)	INSTALL 120 AC	1 2	#10 400	600V SH

DATE: 2/15/2023

LISTED: HAYES, TYLER

FACILITY ID: 11527-BW RE 02



## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 30J3

1604307

## VOGTLE COMMON

WORKORDER: C73991

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
ANFSYNC5SG CONTROL	SWITCHBOARD PANEL 5V E2916	SYNC PANEL 5V-S E2920	INSTALL 125 DC	1 2	#10 15	600V PIPJ
ANF8001SK	TERM PANEL 1L E1609	ANFCCM11 E1479	REMOVE			
ANF8001SL	TERM PANEL 1L E1609	ANFCCM11 E1479	REMOVE			
ANF8001SX	SWITCHBOARD PANEL 5V E1407	TERM PANEL 1L E1609	REMOVE			
ANF8008SL	SWITCHBOARD PANEL 5V E1407	TERM PANEL 1A E1599	REMOVE			
ANFANN6TM	TERM PANEL 1R E2227	ANFANN6 E1713	REMOVE			
ANFANN6TN	TERM PANEL 1R E2227	ANFANN6 E1713	REMOVE			
ANFANN8UC	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5T E1409	REMOVE			
ANFANN8YW	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 3S E2937	REMOVE			
ANFANN8ZK	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5S E2910	REMOVE			
ANFB860PCUP	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5S E2910	REMOVE			
ANFB960BFSB	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5T E1409	REMOVE			
ANFB960BFSD	SWITCHBOARD PANEL 5V E1407	TERM PANEL 1M E1610	REMOVE			
ANFB960BFSJ	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5Y E2768	REMOVE			
ANFB960BFSK	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5Z E2772	REMOVE			

DATE: 11/15/2021

LISTED: MCGEHEE,EARL

DRAWING NO: 10-900 -BW 82

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 30J3

1604307

## VOGTLE COMMON

WORKORDER: C73991

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
ANFB960SCSE	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5T E1409	REMOVE			
ANFB960SCSG	SWITCHBOARD PANEL 5S E2910	SWITCHBOARD PANEL 5T E1409	REMOVE			
ANFB960SCSN	SWITCHBOARD PANEL 5V E1407	TERM PANEL 1R E2227	REMOVE			
ANFCT960TH	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5T E1409	REMOVE			
ANFCT960TR	SWITCHBOARD PANEL 5V E1407	TERM PANEL 1R E2227	REMOVE			
ANFDCOPDSA	SWITCHBOARD PANEL 5V E1407	ANFDC4 E1055	REMOVE			
ANFDS961SU	TERM PANEL 1R E2227	ANFCCM11 E1478	REMOVE			
ANFDS963SF	TERM PANEL 1R E2227	ANFCCM11 E1478	REMOVE			
ANFERC1BSL	SWITCHBOARD PANEL 5V E1407	ANFERC1 E1626	REMOVE			
ANFERC1BSM	SWITCHBOARD PANEL 5V E1407	ANFERC1 E1626	REMOVE			
ANFMO761TE	SWITCHBOARD PANEL 5V E1407	SWITCHBOARD PANEL 5S E2910	REMOVE			
ANFMO961SB	SWITCHBOARD PANEL 5V E1407	TERM PANEL 1M E1610	REMOVE			
ANFMO961SD	SWITCHBOARD PANEL 5V E1407	ANFCCM11 E1478	REMOVE			
ANFMO963SB	SWITCHBOARD PANEL 5V E1407	TERM PANEL 1M E1610	REMOVE			
ANFMO963SD	SWITCHBOARD PANEL 5V E1407	ANFCCM11 E1478	REMOVE			

BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 99SZ

1884309

EAST BAINBRIDGE

OP NUMBER: 10583552

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
1-20/DC1 DC SUPPLY	PRIMARY DC PANEL (D-128-001)	PANEL 20 (D-243-001)	INSTALL	1 2	#10 50	600V PIPJ
19/P11 POTENTIAL	PANEL 19 (D-240-001)	12KV BUS 1 PT (D-261-001)	INSTALL	1 4	#10 595	600V PIPJ
19-20/TST3 CONTROL	PANEL 19 (D-240-001)	PANEL 20 (D-243-001)	INSTALL	1 2	#10 25	600V PIPJ
19-992/R2 RELAYING	PANEL 19 (D-240-001)	PCB 992 (D-440-004)	INSTALL	1 4	#10 585	600V PIPJ
20-992/C1 CONTROL	PANEL 20 (D-243-001)	PCB 992 (D-440-003)	INSTALL	1 4	#10 585	600V PIPJ
20-992/C2 CONTROL	PANEL 20 (D-243-001)	PCB 992 (D-440-003)	INSTALL	1 4	#10 585	600V PIPJ
20-992/C3 CONTROL	PANEL 20 (D-243-001)	PCB 992 (D-440-003)	INSTALL	1 2	#10 585	600V PIPJ
20-992/R1 RELAYING	PANEL 20 (D-243-001)	PCB 992 (D-440-004)	INSTALL	1 4	#10 585	600V PIPJ
20-REG/COM1 COMMUNICATIONS	PCB 772 REG. J.B (D-415-001)	ORBIT RADIO (D-300-001)	INSTALL	1 4	#24 585	SHIELDED
20-SIA/S304 SUPERVISORY ALARM	PANEL 20 (D-243-001)	SIA PANEL (D-299-001)	INSTALL	1 4	#6 40	600V PIPJ
992/AC AC SUPPLU	"BANK ""C"" STATION SER (D-258-001)	PCB 992 (D-440-003)	INSTALL	1 4	#10 585	600V PIPJ

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 10G

2006922

KIA MOTORS

OP NUMBER: 11068227

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
24-BC/SCDC DC SUPPLY	PANEL #24 D26	BATTERY CHARGER D22	INSTALL 125 DC	1 2	#16 42	SHIELDED
24-RAD/COM1 COMMUNICATIONS	PANEL #24 D27	LTE RADIO BOARD D27	INSTALL DC	1 8	#24 24	SHIELDED
24-Y/SCDCC DC SUPPLY	PANEL #24 D26	TERM. BOARD "Y" D86	INSTALL 125 DC	1 2	#10 54	600V PIPJ
24-Z/SCDC508 DC SUPPLY	PANEL #24 D26	TERM. BOARD "Z" D34	INSTALL 125 DC	1 2	#10 44	600V PIPJ
24-Z/SCDCA DC SUPPLY	PANEL #24 D26	TERM. BOARD "Z" D34	INSTALL 125 DC	1 2	#10 44	600V PIPJ
24-Z/SCDCB DC SUPPLY	PANEL #24 D26	TERM. BOARD "Z" D34	INSTALL 125 DC	1 2	#10 44	600V PIPJ
3-24/SCDC DC SUPPLY	PANEL #24 D26	PANEL #3 D17	INSTALL 125 DC	1 2	#10 31	600V PIPJ
4-24/SCDC DC SUPPLY	PANEL #24 D26	PANEL #4 D75	INSTALL 125 DC	1 2	#10 36	600V PIPJ
5-24/SCDC DC SUPPLY	PANEL #24 D26	PANEL #5 D79	INSTALL 125 DC	1 2	#10 38	600V PIPJ
6-24/SCDC DC SUPPLY	PANEL #24 D26	PANEL #6 D82	INSTALL 125 DC	1 2	#10 40	600V PIPJ
RAD/DC DC SUPPLY	D.C. PANEL D22	LTE RADIO BOARD D112	INSTALL 125 DC	1 2	#10 24	600V PIPJ
1RDC DC SUPPLY	PANEL #24 D26	DGA MASTER RADIO D110	REMOVE 125 DC			
24/SCDC DC SUPPLY	PANEL #24 D26	DC PANEL D22	RENAME 125 DC			WAS "24-SDC"

DATE: 2/19/2024

LISTED: HAMILTON, BARBARA

FACILITY ID: 01-308-BW REV 00

## BILL OF WIRE

## PROJECT ITEM:

1830742

## WAYNESBORO PRIMARY

OP NUMBER: 10570778

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
11/COM6 COMMUNICATIONS	SIA PANEL 11 D179	SIA PANEL 11 D179	INSTALL DC	1 8	#24 5	SHIELDED
11/COM7 COMMUNICATIONS	SIA PANEL 11 D179	SIA PANEL 11 D179	INSTALL DC	1 8	#24 5	SHIELDED
11-158/COM1 COMMUNICATIONS	SIA PANEL 11 D179	115KV PCB 158 D179	INSTALL DC	1 4	200M 400	FIBER OPTIC
11-21/194SC SUPERVISORY CONTROL	SIA PANEL 11 D178	SWITCHBOARD PANEL 21 D96	INSTALL 125 DC	1 4	#10 65	600V PIPJ
11-21/COM1 COMMUNICATIONS	SIA PANEL 11 D179	SWITCHBOARD PANEL 21 D179	INSTALL DC	1 4	200M 65	FIBER OPTIC
11-21/SAL1 SUPERVISORY ALARM	SIA PANEL 11 D178	SWITCHBOARD PANEL 21 D96	INSTALL 125 DC	1 2	#16 65	SHIELDED
11-21/SCDC DC SUPPLY	SIA PANEL 11 D178	SWITCHBOARD PANEL 21 D96	INSTALL 125 DC	1 2	#10 65	600V PIPJ
11-22/COM1 COMMUNICATIONS	SIA PANEL 11 D179	SWITCHBOARD PANEL 22 D179	INSTALL DC	1 8	#24 60	SHIELDED
11-22/SCDC DC SUPPLY	SIA PANEL 11 D178	SWITCHBOARD PANEL 22 C31	INSTALL 125 DC	1 2	#10 60	600V PIPJ
11-23/SAL1 SUPERVISORY ALARM	SIA PANEL 11 D178	SWITCHBOARD PANEL 23 D105	INSTALL 125 DC	1 2	#16 55	SHIELDED
11-23/SCDC DC SUPPLY	SIA PANEL 11 D178	SWITCHBOARD PANEL 23 D105	INSTALL 125 DC	1 2	#10 55	600V PIPJ
11-24/128SC SUPERVISORY CONTROL	SIA PANEL 11 D178	SWITCHBOARD PANEL 24 D110	INSTALL 125 DC	1 4	#10 50	600V PIPJ
11-24/COM1 COMMUNICATIONS	SIA PANEL 11 D179	SWITCHBOARD PANEL 24 D179	INSTALL DC	1 8	#24 50	SHIELDED
11-24/SAL1 SUPERVISORY ALARM	SIA PANEL 11 D178	SWITCHBOARD PANEL 24 D110	INSTALL 125 DC	1 2	#16 50	SHIELDED

## BILL OF WIRE

## PROJECT ITEM:

1830742

## WAYNESBORO PRIMARY

OP NUMBER: 10570778

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
10-23/C2	OHB PANEL 10 D175	SWITCHBOARD PANEL 23 D105	REMOVE			
10-23/MDC	OHB PANEL 10 D175	SWITCHBOARD PANEL 23 D105	REMOVE			
11/COMM2	SIA PANEL 11 D179	SIA PANEL 11 D179	REMOVE			
11/COMM3	SIA PANEL 11 D179	SIA PANEL 11 D179	REMOVE			
11-12/COM1	SIA PANEL 11 D179	SWITCHBOARD PANEL 12 D179	REMOVE			
1-4/SDC	SUPV. REMOTE CAB. H3	DC PANEL 1 D167	REMOVE			
158/SAL	SUPV. REMOTE CAB. H3	PCB 158 D197	REMOVE			
21-23SAL	SWITCHBOARD PANEL 21 D96	SWITCHBOARD PANEL 23 D105	REMOVE			
21ER20	DFR PANEL 2 D72	SWITCHBOARD PANEL 21 D96	REMOVE			
21SAL56	SUPV. REMOTE CAB. H3	SWITCHBOARD PANEL 21 D96	REMOVE			
21SAL57	SUPV. REMOTE CAB. H3	SWITCHBOARD PANEL 21 D96	REMOVE			
21SC02	SUPV. INTERPOSER CAB. H4	SWITCHBOARD PANEL 21 D96	REMOVE			
21SC10	SUPV. INTERPOSER CAB. H4	SWITCHBOARD PANEL 21 D96	REMOVE			
22KWH01	SUPV. REMOTE CAB. H3	SWITCHBOARD PANEL 22 C31	REMOVE			

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 10G

2006937

ALTO

OP NUMBER: 11073392

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
7TM05 TELEMETERING	SWITCHBOARD PANEL #7 D24	SUPV. REMOTE CAB. D21	REMOVE DC			
7TM14 TELEMETERING	SWITCHBOARD PANEL #7 D24	SUPV. REMOTE CAB. D21	REMOVE DC			
7TM16 TELEMETERING	SWITCHBOARD PANEL #7 D24	SUPV. REMOTE CAB. D21	REMOVE DC			
7TM18 TELEMETERING	SWITCHBOARD PANEL #7 D24	SUPV. REMOTE CAB. D21	REMOVE DC			
8/SDC DC SUPPLY	SWITCHBOARD PANEL #8 D62	SUPV. REMOTE CAB. D21	REMOVE 125 DC			
8-682/SAL SUPERVISORY ALARM	SWITCHBOARD PANEL #8 D62	12KV PCB 682 D79	REMOVE 125 DC			
8-702/SAL SUPERVISORY ALARM	SWITCHBOARD PANEL #8 D62	12KV PCB 702 D87	REMOVE 125 DC			
BKA/TM TELEMETERING	115/12KV BANK A D67	SUPV. REMOTE CAB. D21	REMOVE DC			
SAL16 SUPERVISORY ALARM	D.C. PANEL D17	SUPV. REMOTE CAB. D21	REMOVE 125 DC			
SAL27 SUPERVISORY ALARM	D.C. PANEL D17	SUPV. REMOTE CAB. D21	REMOVE 125 DC			D21 ONLY FOR RECORD
SAL28 SUPERVISORY ALARM	SWITCHBOARD PANEL #7 D24	SUPV. REMOTE CAB. D21	REMOVE 125 DC			D21 FOR RECORD
SAL29 SUPERVISORY ALARM	SWITCHBOARD PANEL #6 D39 (RETIRED)	SUPV. REMOTE CAB. D21	REMOVE 125 DC			FOR RECORD
SC672 SUPERVISORY CONTROL	SUPV. INTERPOSER CAB. D21	12KV PCB 672 D48	REMOVE 125 DC			

DATE: 10/24/2024

LISTED: MCCULLOUGH, JM

FACILITY ID: 15-328-BW REV 00

## BILL OF WIRE

PROJECT ITEM:

BENCHMARK: 99SZ

1988001

## TEXAS VALLEY

OP NUMBER: 11057880

CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
BTRL/DC(+) DC SUPPLY	BATTERY TRAILER D-54-003	BATT TRAILER DISC D-54-001	INSTALL 125 DC	1 1	#4/0 20	600V PIPJ
FCCP/AC AC SUPPLY	BATTERY CHARGER D-54-001	AC PANEL D-54-004	INSTALL 120 AC	1 2	#10 60	600V PIPJ
HOUSE AC & LIGHTING 1 AC SUPPLY	AC PANEL D-54-004		INSTALL 120 AC	1 2	#10	600V PIPJ
HOUSE AC & LIGHTING 2 AC SUPPLY	AC PANEL D-54-004		INSTALL 120 AC	1 2	#10	600V PIPJ
HVAC 1 AC SUPPLY	AC PANEL D-54-004		INSTALL 240 AC	1 4	#6	600V PIPJ
HVAC 2 AC SUPPLY	AC PANEL D-54-004		INSTALL 240 AC	1 4	#6	600V PIPJ
JB1-JB2 AC SUPPLY	Y.L.-JB1 D-54-004	Y.L.-JB2 D-54-004	INSTALL 120 AC	1 2	#10 170	600V PIPJ
PBAC AC SUPPLY	BATTERY CHARGER D-54-001	AC PANEL D-54-004	INSTALL 120 AC	1 4	#6 60	600V SH
PBDC DC SUPPLY	BATTERY CHARGER D-54-001	DC PANEL D-54-002	INSTALL 125 DC	1 2	#10 30	600V PIPJ
PDC(-) DC SUPPLY	BATTERY DISCONNECT D-54-001	DC PANEL D-54-002	INSTALL 125 DC	1 1	#4/0 30	600V PIPJ
PDC(+) DC SUPPLY	BATTERY DISCONNECT D-54-001	DC PANEL D-54-002	INSTALL 125 DC	1 1	#4/0 30	600V PIPJ
SSA-3L1 AC SUPPLY	SSA SAFETY D-54-004	SS-ATS D-54-004	INSTALL 240 AC	1 1	#2 175	600V PIPJ
SSA-3L2 AC SUPPLY	SSA SAFETY D-54-004	SS-ATS D-54-004	INSTALL 240 AC	1 1	#2 175	600V PIPJ
SSA-NN AC SUPPLY	SSA SAFETY D-54-004	SS-ATS D-54-004	INSTALL 240 AC	1 1	#2 175	600V PIPJ



CIRCUIT CIRCUIT TYPE	FROM REFERENCE	TO REFERENCE	FUNCTION VOLTAGE	#CABLES #CONDS	SIZE LENGTH	INSULATION REMARKS/REVISION
9-BKA/COM1 COMMUNICATIONS	SIA PANEL #9 D97-004	115-12KV BANK A 2414 D97-004	INSTALL DC	1 4	200M 100	FIBER OPTIC
9-RAD/COM1 COMMUNICATIONS	SIA PANEL #9 - 3620H D97-004	RADIO- ETH1 D97-004	INSTALL DC	1 8	#24 50	SHIELDED
9-RAD/COM2 COMMUNICATIONS	SIA PANEL #9 D97-004	RADIO BB1 D97-004	RENAME DC	1 4	#24	SHIELDED WAS 592/COM1