

COLOR CODE	ITEM NO.	BECHTEL INSTRUMENT NO.	INSTRUMENT IDENTIFICATION DESCRIPTION	FURN. BY.
E	501	2/311-1716A	220KV SWYD W BUS TIE, PCB 22 A0AMPS	B
E	502	2/311-1716B	220KV SWYD W BUS TIE, PCB 22 B0AMPS	B
E	503	2/311-1716C	220KV SWYD W BUS TIE, PCB 22 C0AMPS	B
E	504	2/311-1761	RES AUX XFMR 2X1 NEUTRAL AMPS	B
E	505	2/311-1761	RES AUX XFMR 2X1 NEUTRAL AMPS SCALE SELECTOR	B
E	506	2/311-1716A	220KV SWYD W BUS TIE, PCB 22 MW	B
E	507	2/311-1716B	220KV SWYD W BUS TIE, PCB 22 MVAR	B
A	508		FUT ITEM-CUTOUT SIMI. TO 514 W/COVER PLATE	B
A	509		FUT ITEM-CUTOUT SIMI. TO 514 W/COVER PLATE	B
A	510		FUT ITEM-CUTOUT SIMI. TO 516-521 W/COVER PLATE	B
A	511		FUT ITEM-CUTOUT SIMI. TO 514 W/COVER PLATE	B
A	512		FUT ITEM-CUTOUT SIMI. TO 514 W/COVER PLATE	B
A	513		FUT ITEM-CUTOUT SIMI. TO 516-521 W/COVER PLATE	B
E	514	2/311-1717A	220KV SWYD NE BUS PCB 15, POS. 8	B
E	515	2/311-1717B	220KV SWYD NW BUS PCB 16, POS. 8	B
E	516	2/311-1717A	220KV CHINO LINE A0AMPS	B
E	517	2/311-1717B	220KV CHINO LINE B0AMPS	B
E	518	2/311-1717C	220KV CHINO LINE C0AMPS	B
E	519	2/311-1717	220KV CHINO LINE VOLTS	B
E	520	2/311-1717A	220KV CHINO LINE MW	B
E	521	2/311-1717B	220KV CHINO LINE MVAR	B
E	522	2/311-1718	220KV SWYD NE BUS PCB 13, POS. 7	B
E	523	2/311-1718A	220KV SWYD NW BUS PCB 14, POS. 7	B
E	524	2/311-1718B	220KV VILLA PARK A0AMPS	B
E	525	2/311-1718C	220KV VILLA PARK B0AMPS	B
E	526	2/311-1718D	220KV VILLA PARK C0AMPS	B
E	527	2/311-1718E	220KV VILLA PARK VOLTS	B
E	528	2/311-1718A	220KV VILLA PARK MW	B
E	529	2/311-1718B	220KV VILLA PARK MVAR	B
E	530	2/311-1719	220KV SWYD NE BUS PCB 11, POS. 6	B
E	531	2/311-1719B	220KV SWYD NW BUS PCB 12, POS. 6	B
E	532	2/311-1720A	220KV SWYD NE BUS PCB 9, POS. 5	B
E	533	2/311-1720B	220KV SWYD NW BUS PCB 10, POS. 5	B
E	534	2/311-1720A	220KV SANTIAGO LINE #2 A0AMPS	B
E	535	2/311-1720B	220KV SANTIAGO LINE #2 B0AMPS	B
E	536	2/311-1720C	220KV SANTIAGO LINE #2 C0AMPS	B
E	537	2/311-1720	220KV SANTIAGO LINE #2 VOLTS	B
E	538	2/311-1720A	220KV SANTIAGO LINE #2 MW	B
E	539	2/311-1720B	220KV SANTIAGO LINE #2 MVAR	B
E	540	2/311-1721A	220KV SWYD NE BUS PCB 7, POS. 4	B
E	541	2/311-1721B	220KV SWYD NW BUS PCB 8, POS. 4	B
E	542	2/311-1722A	220KV SWYD NE BUS PCB 5, POS. 3	B
E	543	2/311-1722B	220KV SWYD NW BUS PCB 6, POS. 3	B
E	544	2/311-1723A	220KV SWYD NE BUS PCB 3, POS. 2	B
E	545	2/311-1723B	220KV SWYD NW BUS PCB 4, POS. 2	B
E	546	2/311-1723A	220KV SANTIAGO LINE #1 A0AMPS	B
E	547	2/311-1723B	220KV SANTIAGO LINE #1 B0AMPS	B
E	548	2/311-1723C	220KV SANTIAGO LINE #1 C0AMPS	B
E	549	2/311-1723	220KV SANTIAGO LINE #1 VOLTS	B
E	550	2/311-1723A	220KV SANTIAGO LINE #1 MW	B
E	551	2/311-1723B	220KV SANTIAGO LINE #1 MVAR	B
E	552	2/311-1724A	220KV SWYD NE BUS PCB 1, POS. 1	B
E	553	2/311-1724B	220KV SWYD NW BUS PCB 2, POS. 1	B
T	554	2/311-1627A	SYNCHROSCOPE	B
T	555	2/311-1627A	RUNNING VOLTS	B
T	556	2/311-1627B	INCOMING VOLTS	B
T	557	2/311-1627 C	RUNNING HERTZ	B
T	558	2/311-1627 D	INCOMING HERTZ	B
T	559	2/311-1627A	NOM ESF SYNCHRONIZATION STATUS (NON-ESF)	B
T	560	2/311-1603	OSCILLOGRAPH CONTROL	B
E	561	2/311-1762	RES AUX XFMR 2X2 NEUTRAL AMPS	B
E	562	2/311-1762	RES AUX XFMR 2X2 NEUTRAL AMP SCALE SELECTOR	B
E	563	2/311-1763	RES AUX XFMR 2X3 NEUTRAL AMPS	B
E	564	2/311-1763	RES AUX XFMR 2X3 NEUTRAL AMP SCALE SELECTOR	B
M	565	2/311-1609	UNIT AUX XFMR 2X1 WATTS	B
M	566	2/311-1608	UNIT AUX XFMR 2X2 WATTS	B
E	567	2/311-1607	RES AUX XFMR 2X1 WATTS	B
E	568	2/311-1608	RES AUX XFMR 2X2 WATTS	B
D	569	2/311-1614	4.9KV BUS 2A01 UNIT AUX XFMR 2X2 FDR AMPS	B
D	570	2/311-1614	4.9 KV BUS 2A01 UNIT AUX XFMR 2X2 FDR BKR	B
D	571	2/311-1613	4.9 KV BUS 2A01 RES AUX XFMR 2X3 FDR AMPS	B
D	572	2/311-1613A	4.9 KV BUS 2A01 RES AUX XFMR 2X3 FDR BKR	B
D	573	2/311-1615	4.9 KV BUS 2A01 VOLTS	B
D	574	2/311-1611	4.9 KV BUS 2A02 UNIT AUX XFMR 2X2 FDR AMPS	B
D	575	2/311-1611	4.9 KV BUS 2A02 UNIT AUX XFMR 2X2 FDR BKR	B
D	576	2/311-1610	4.9 KV BUS 2A02 RES AUX XFMR 2X3 FDR AMPS	B
D	577	2/311-1610A	4.9 KV BUS 2A02 RES AUX XFMR 2X3 FDR BKR	B
D	578	2/311-1612	4.9 KV BUS 2A02 VOLTS	B
K	579	2/311-1740B	480V BUS GND VOLTS SCALE SELECTOR	B
K	580	2/311-1748	480V BUS GND VOLTS	B
K	581	2/311-1748A	480V BUS SELECTOR	B
G	582	2/311-1684	4.16KV BUS 2A08 UNIT AUX XFMR 2X1 FDR AMPS	B
G	583	2/311-1684	4.16KV BUS 2A08 UNIT AUX XFMR 2X1 FDR BKR	B
G	584	2/311-1685	4.16KV BUS 2A08 RES AUX XFMR 2X1 FDR AMPS	B
G	585	2/311-1685A	4.16KV BUS 2A08 RES AUX XFMR 2X1 FDR BKR	B
G	586	2/311-1683	4.16KV BUS 2A08 VOLTS	B
G	587	2/311-1682	4.16KV BUS 2A08 LD CTR B10 FDR BKR	B
G	588	2/311-1682	4.16KV BUS 2A08 LD CTR B10 FDR AMPS	B
G	589	2/311-1681	4.16KV BUS 2A08 LD CTR B201 FDR BKR	B
G	590	2/311-1681	4.16KV BUS 2A08 LD CTR B201 FDR AMPS	B
G	591	2/311-1680	4.16KV BUS 2A08 LD CTR B202 FDR BKR	B
G	592	2/311-1680	4.16KV BUS 2A08 LD CTR B202 FDR AMPS	B
G	593	2/311-1676	4.16KV BUS 2A08 LD CTR B216 FDR BKR	B
G	594	2/311-1676	4.16KV BUS 2A08 LD CTR B216 FDR AMPS	B
G	595	2/311-1673	4.16KV BUS 2A03 UNIT AUX XFMR 2X1 FDR AMPS	B
G	596	2/311-1673	4.16KV BUS 2A03 UNIT AUX XFMR 2X1 FDR BKR	B
G	597	2/311-1674	4.16KV BUS 2A03 RES AUX XFMR 2X1 FDR AMPS	B
G	598	2/311-1674A	4.16KV BUS 2A03 RES AUX XFMR 2X1 FDR BKR	B
G	599	2/311-1675	4.16KV BUS 2A03 VOLTS	B
G	600	2/311-1679	4.16KV BUS 2A03 LD CTR B203 FDR BKR	B
G	601	2/311-1679	4.16KV BUS 2A03 LD CTR B203 FDR AMPS	B
G	602	2/311-1678	4.16KV BUS 2A03 LD CTR B212 FDR BKR	B
G	603	2/311-1678	4.16KV BUS 2A03 LD CTR B212 FDR AMPS	B
G	604	2/311-1677	4.16KV BUS 2A03 LD CTR B213 FDR BKR	B
G	605	2/311-1677	4.16KV BUS 2A03 LD CTR B213 FDR AMPS	B
G	606	2/311-1660	4.16KV BUS 2A04 TO 3A04 TIE FDR AMPS	B
G	607	2/311-1661	4.16KV BUS 2A04 TO 3A04 TIE FDR BKR	B
G	608	2/311-1661	4.16KV BUS 2A04 UNIT AUX XFMR 2X1 FDR AMPS	B
G	609	2/311-1661-1	4.16KV BUS 2A04 UNIT AUX XFMR 2X1 FDR BKR	B
G	610	2/311-1659	4.16KV BUS 2A04 RES AUX XFMR 2X1 FDR AMPS	B

G	721	2/311-1660B1	BKR TRANSFER AUTOMANUAL SELECTOR FOR ITEM 607 B	B
G	722	2/311-1674B	BKR TRANSFER AUTOMANUAL SELECTOR FOR ITEM 598 B	B
K	723	2/311-1699B2	480V BUS GND VOLTS SCALE SELECTOR	B
K	724	2/311-1699B	480V BUS GND VOLTS	B
K	725	2/311-1689B	BKR TRANSFER AUTOMANUAL SELECTOR FOR ITEM 585 B	B
K	726	2/311-1697-2	480V BUS 2B06 FDR BKR	B
K	727	2/311-1699A	480V BUS 2B06 VOLTS	B
K	728	2/311-1696	480V BUS 2B07 FDR BKR	B
K	729	2/311-1696	480V BUS 2B07 VOLTS	B
K	730	2/311-1699	480V BUS 2B11 FDR BKR	B
K	731	2/311-1699	480V BUS 2B11 VOLTS	B
K	732	2/311-1692	480V BUS 2B14 FDR BKR	B
K	733	2/311-1692	480V BUS 2B14 VOLTS	B
K	734	2/311-1695	480V BUS 2B08 FDR BKR	B
K	735	2/311-1695	480V BUS 2B08 VOLTS	B
K	736	2/311-1694	480V BUS 2B09 FDR BKR	B
K	737	2/311-1694	480V BUS 2B09 VOLTS	B
K	738	2/311-1691	480V BUS 2B15 FDR BKR	B
K	739	2/311-1691	480V BUS 2B15 VOLTS	B
E	740		NOT USED	B
D	741	2/311-1753	RES. AUX. XFMR 2X3 WATTS	B
D	742	2/311-1754	4.9KV BUS 2A01 RES AUX XFMR 3X3 FDR AMPS	B
D	743	2/311-1754A	4.9KV BUS 2A01 RES AUX XFMR 3X3 FDR BKR	B
D	744	2/311-1755	4.9KV BUS 2A02 RES AUX XFMR 3X3 FDR AMPS	B
D	745	2/311-1755A	4.9KV BUS 2A02 RES AUX XFMR 3X3 FDR BKR	B
D	746	2/311-1754B	BKR TRANSFER AUTOMANUAL SELECTOR FOR ITEM 743 B	B
D	747	2/311-1613B	BKR TRANSFER AUTOMANUAL SELECTOR FOR ITEM 572 B	B
D	748	2/311-1755B	BKR TRANSFER AUTOMANUAL SELECTOR FOR ITEM 745 B	B
D	749	2/311-1610E	BKR TRANSFER AUTOMANUAL SELECTOR FOR ITEM 577 B	B
N	750		NOT USED	B
G	751	2/311-0063	ANN. CONTROL STATION UNIT 2 SWYD	B
G	752	2/311-0063A	ANNUNCIATOR UNIT 2	B
G	753	2/311-0063B	ANNUNCIATOR UNIT 2	B
G	754	2/311-0063C	ANNUNCIATOR UNIT 2	B
G	755		NOT USED	B
G	756	2/311-0063D	ANNUNCIATOR SWITCHYARD & UNIT 2/3 COMMON	B
L	757	2/311-1757-1	125V D. C. BUS 201 VOLTS	B
L	758	2/311-1757-1	125V D. C. BATTERY 2B07 AMPS	B
L	759	2/311-1757-2	125V D. C. BUS 202 VOLTS	B
L	760	2/311-1757-2	125V D. C. BATTERY 2B08 AMPS	B
L	761	2/311-1757-3	125V D. C. BUS 203 VOLTS	B
L	762	2/311-1757-3	125V D. C. BATTERY 2B09 AMPS	B
L	763	2/311-1757-4	125V D. C. BUS 204 VOLTS	B
L	764	2/311-1757-4	125V D. C. BATTERY 2B10 AMPS	B
L	765	2/311-1759	125V D. C. BUS 205 VOLTS	B
L	766	2/311-1759	125V D. C. BATTERY 2B11 AMPS	B
L	767	2/311-1764	250V D. C. BUS 206 VOLTS	B
L	768	2/311-1764	250V D. C. BATTERY 2B12 AMPS	B
L	769	2/311-1766	DIESEL GEN 2G002 FIELD VOLTS	B
L	770	2/311-1766	DIESEL GEN 2G002 FIELD AMPS	B
L	771	2/311-1729-1	DIESEL GEN 2G002 START FAIL/COMPRESSOR RUNNING	B
L	772	2/311-1771	DIESEL GEN 2G003 FIELD VOLTS	B
L	773	2/311-1771	DIESEL GEN 2G003 FIELD AMPS	B
L	774	2/311-1730-2	DIESEL GEN 2G003 START FAIL/COMPRESSOR RUNNING	B
L	775	2/311-1768-1	DIESEL GEN 2G002 L. O. TEMP.	B
L	776	2/311-1767-1	DIESEL GEN 2G002 MAINTENANCE	B
L	777	2/311-1769-2	DIESEL GEN 2G003 L. O. TEMP.	B
L	778	2/311-1770-2	DIESEL GEN 2G003 MAINTENANCE	B
L	779		NOT USED	B
E	780	2/311-1703	SYSTEM SEP 220 KV MANUAL TRIP	B
E	781	2/311-1625A	SYSTEM SEP TIE PCB 21 RES TO TRIP INDICATION	B
E	782	2/311-1625B	SYSTEM SEP TIE PCB 22 RES TO TRIP INDICATION	B
T	783	2/311-1627A	NOM-ESF SYNC MASTER CONTROL	B
T	784	2/311-1627-1	ESF A SYNCHRONIZATION STATUS	B
T	785	2/311-1627-1	ESF A SYNC MASTER CONTROL	B
T	786	2/311-1627-2	ESF B SYNCHRONIZATION STATUS	B
T	787	2/311-1627-2	ESF B SYNC MASTER CONTROL	B
G	788	2/311-1738-1	4.16KV BUS 2A04 NON IE UPS NORMAL FDR B	B
G	789	2/311-1738	4.16KV BUS 2A04 NON IE UPS NORMAL FDR AMPS B	B
K	790	2/311-1655	480V BUS 2B18 FDR BKR	B
K	791	2/311-1655	480V BUS 2B18 VOLTS	B
K	792	2/311-1640	4.16KV BUS 2A07 LD CTR 2B18 FDR BKR	B
G	793	2/311-1640	4.16KV BUS 2A07 LD CTR 2B18 FDR AMPS B	B

I. FOR COLOR CODE DESIGNATIONS AND SYSTEM DESCRIPTIONS SEE DRAWINGS 53000 & 53033, WITH THE FOLLOWING ADDITIONS:

COLOR CODE	PANEL SECTION
A	BETWEEN DATUM A AND C
G	ABOVE DATUM C
W	BELOW CONTROL PANEL

TI APERTURE CARD