2.3 Cable Paths

Figures 2.3-1 through 2.3-4 depict the paths where the cable to network the hardware was installed in the LaRC facility.]

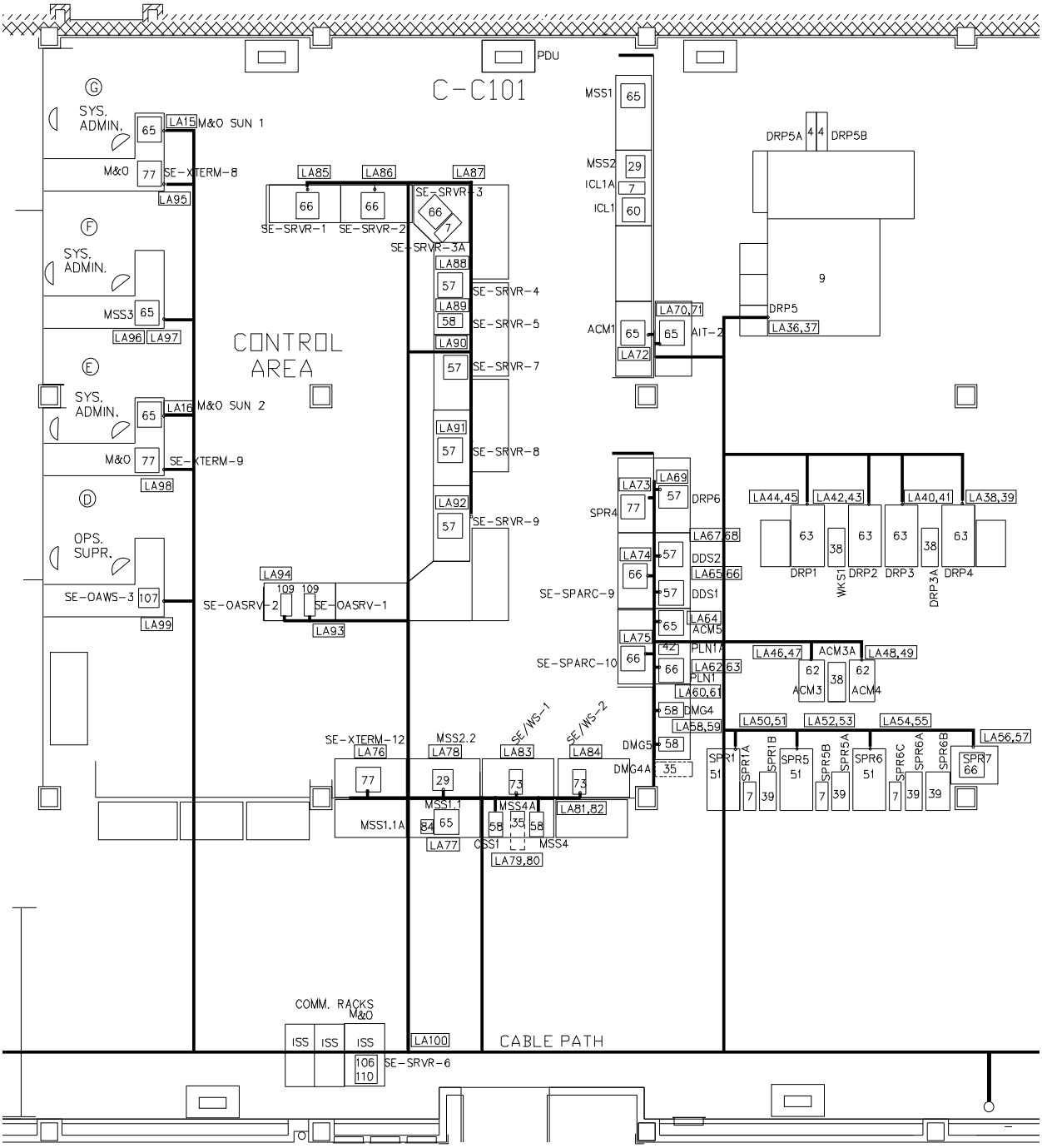

Figure 2.3-1. LaRC Cable Paths for Ops Area

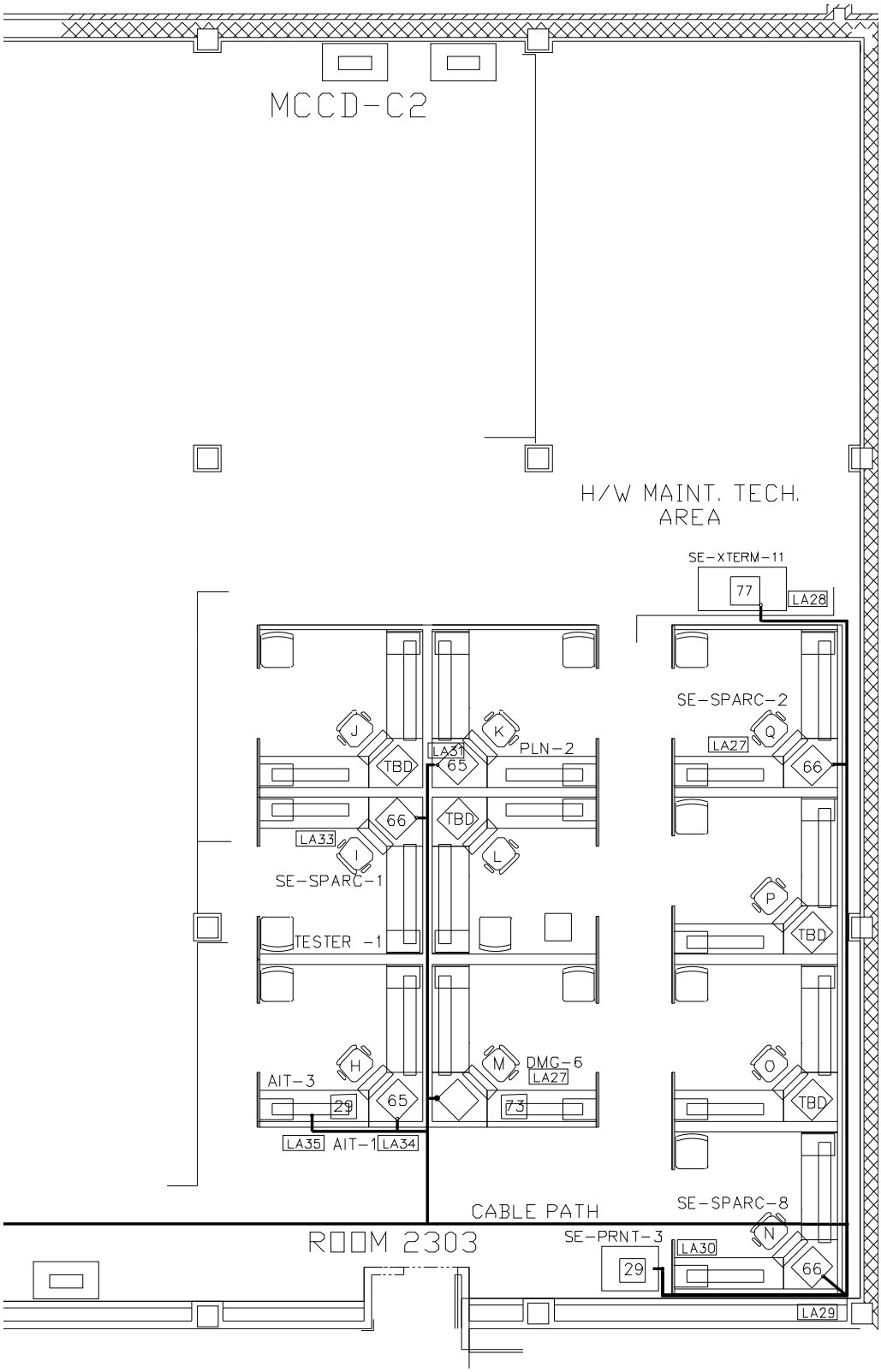

Figure 2.3-2. LaRC Cable Paths for Room 2303 Cublicles

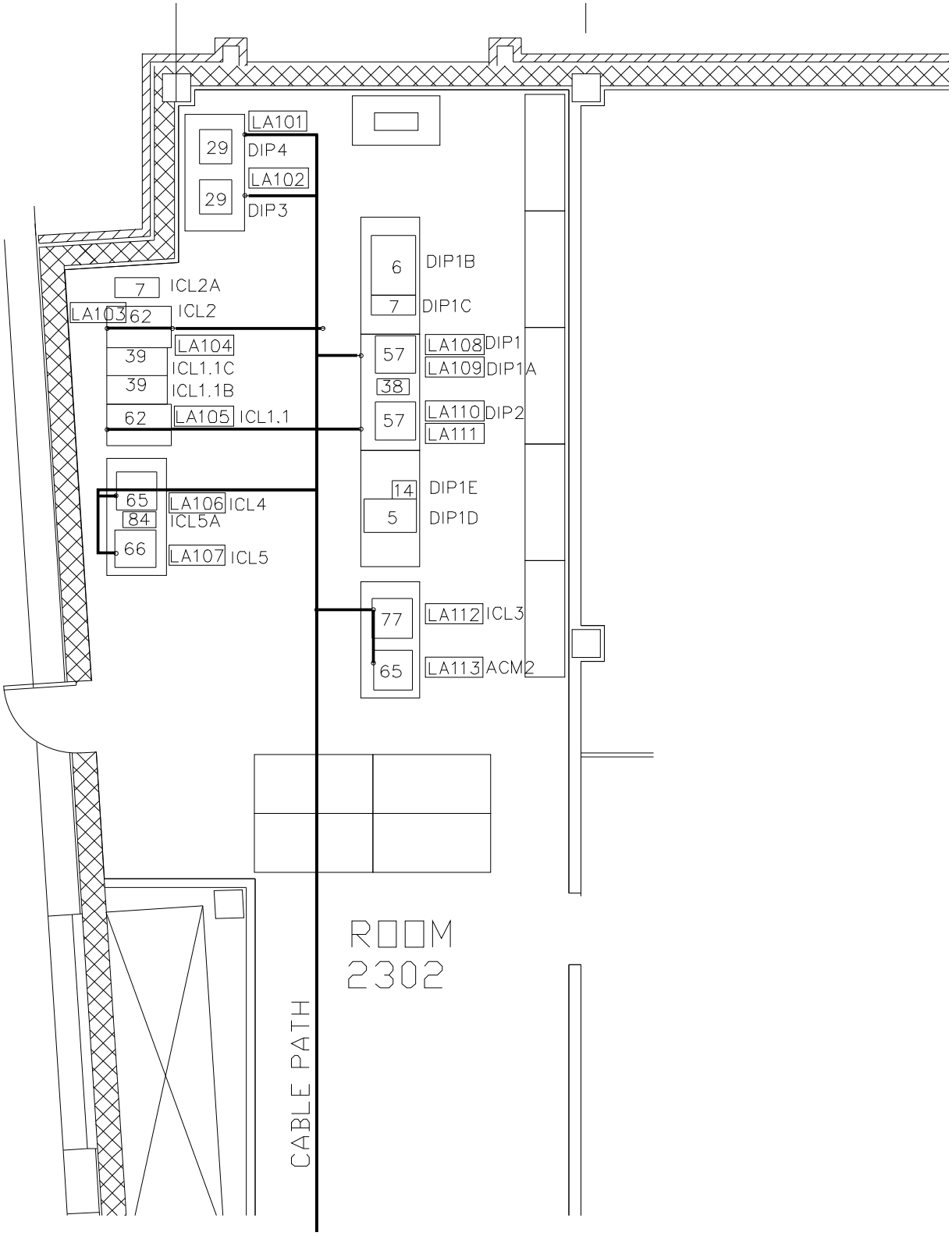

Figure 2.3-3. LaRC Cable Paths for Room 2302

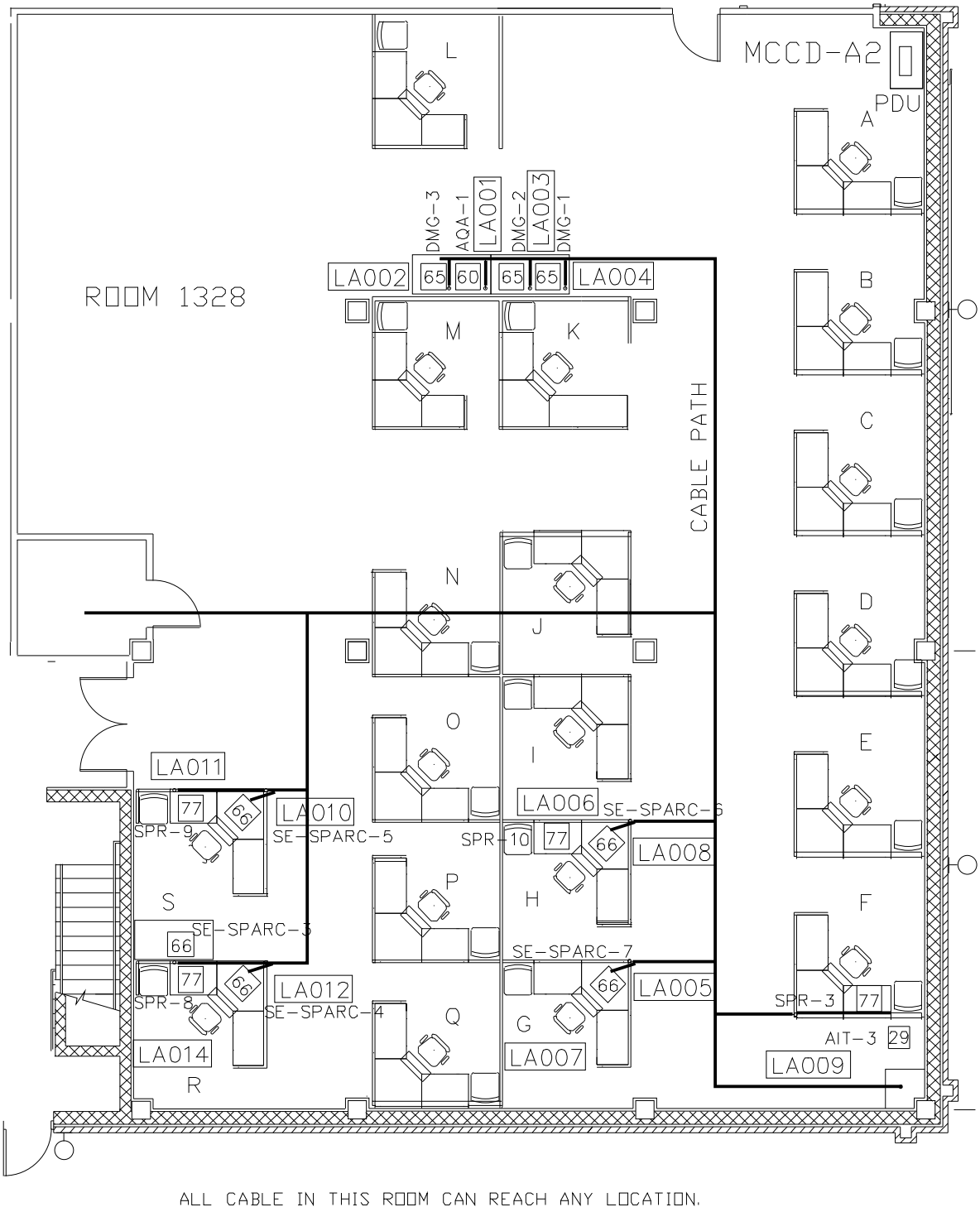

Figure 2.3-4. LaRC Cable Paths for Room 1328

2.4 Cable Labeling

Table 2.4.1 depicts the naming convention used at LaRC, along with dB loss in the fiber cables, which port and hardware the cables connects, how long the cable is and the IP address of each piece of hardware.

Table 2.4-1. Cable Labeling (1 of 2)

CABLE NUMBER	CABLE TYPE	CONNECTOR	CABLE LENGTH	db LOSS	FROM AREA	TO AREA	CONNECTIVITY	IP ADDRESS
LA001	FIBER	MIC/MIC	180'	.99/.59	2303	1328 T	C5/P12 DMG-2	**198.118.216.142**
LA002	FIBER	MIC/MIC	180'	.29/1.84	2303	1328 T	C5/P11 DMG-1	**198.118.216.141**
LA003	FIBER	MIC/MIC	180'	1.82/1.66	2303	1328 T	C2/P12 AQA-1	**198.118.216.113**
LA004	FIBER	MIC/MIC	180'	1.23/1.28	2303	1328 T	C7/P14 DMG-4	**198.118.216.143**
LA005	CAT 5	RJ45	180'	N/A	2303	1328 F	E1/P01 SPR-3	**198.118.216.158**
LA006	CAT 5	RJ45	180'	N/A	2303	1328 E	E1/P02 SPR-10	**198.118.216.119**
LA007	CAT 5	RJ45	180'	N/A	2303	1328 G	M&O E2/P01 SE-SRARC-7	**198.119.143.40**
LA008	CAT 5	RJ45	180'	N/A	2303	1328 H	M&O E1/P01 SE-SPARC-6	**198.119.143.17**
LA009	CAT 5	RJ45	180'	N/A	2303	1328 F	E1/P03 AIT-3	**198.118.216.112**
LA010	CAT 5	RJ45	180'	N/A	2303	1328 S	M&O E1/P02 SE-SPARC-5	**198.119.143.16**
LA011	CAT 5	RJ45	180'	N/A	2303	1328 S	E1/P04 SPR-9	**198.118.216.118**
LA012	CAT 5	RJ45	180'	N/A	2303	1328 S	M&O E1/P03 SE-SPARC-3	**198.119.143.14**
LA013	CAT 5	RJ45	180'	N/A	2303	1328 R	M&O E1/P04 SE-SPARC-4	**198.119.143.15**
LA014	CAT 5	RJ45	180'	N/A	2303	1328 R	E1/P05 SPR-8	**198.118.216.117**
LA015	FIBER	MIC/MIC	90'	1.28/1.16	2303	2303 G	M&O C1/P06 M&O SUN 1	**198.119.143.43**
LA016	FIBER	MIC/MIC	70'	3.02/1.52	2303	2303 E	M&O C1/P14 M&O SUN 2	**198.119.143.44**
LA017								
LA018								
LA019								
LA020								
LA021								
LA022								
LA023								
LA024								
LA025								
LA026								
LA027	CAT 5	RJ45	132'	N/A	2303	2303 Q	M&O E1/P05 SE-SPARC-02	**198.119.143.13**
LA028	CAT 5	RJ45	142'	N/A	2303	2303 Q	M&O E1/P06 SE-XTERM-11	**198.119.143.34**
LA029	CAT 5	RJ45	114'	N/A	2303	2303 N	M&O E2/P02 SE-SPARC-8	**198.119.143.40**
LA030	CAT 5	RJ45	110'	N/A	2303	2303 N	M&O E2/P03 SE-PRNT-3	**198.119.143.42**
LA031	FIBER	MIC/MIC	114'	1.28/.72	2303	2303 K	C1/P11 PLN-2	**198.118.216.115**
LA032	FIBER	MIC/MIC	86'	2.32/1.64	2303	2303 M	C6/P13 DMG-6	**198.118.216.146**
LA033	CAT 5	RJ45	110'	N/A	2303	2303 J	M&O E1/P07 SE-SPARC-1	**198.119.143.12**
LA034	FIBER	MIC/MIC	86'	.86/.66	2303	2303 H	C1/P12 AIT-1	**198.118.216.110**
LA035	CAT 5	RJ45	86'	N/A	2303	2303 H	E1/P06 AIT-3	**198.118.216.112**
LA036	FIBER	MIC/MIC	108'	2.17/2.18	2303	2303	C5/P10 DRP-5	**198.118.216.151**
LA037	FIBER	MIC/MIC	108'	2.12/2.11	2303	2303	C7/P08 DRP-5	**198.118.216.151**
LA038	FIBER	MIC/MIC	92'	1.46/.79	2303	2303	C6/P09 DRP-4	**198.118.216.150**
LA039	FIBER	MIC/MIC	92'	1.59/.84	2303	2303	C7/P05 DRP-4	**198.118.216.150**
LA040	FIBER	MIC/MIC	88'	1.38/1.06	2303	2303	C5/P05 DRP-3	**198.118.216.149**
LA041	FIBER	MIC/MIC	88'	1.84/1.41	2303	2303	C6/P05 DRP-3	**198.118.216.149**
LA042	FIBER	MIC/MIC	84'	1.82/2.46	2303	2303	C5/P07 DRP-2	**198.118.216.148**
LA043	FIBER	MIC/MIC	84'	1.05/2.70	2303	2303	C7/P07 DRP-2	**198.118.216.148**
LA044	FIBER	MIC/MIC	80'	2.49/1.49	2303	2303	C5/P06 DRP-1	**198.118.216.137**
LA045	FIBER	MIC/MIC	80'	1.29/2.13	2303	2303	C7/P13 DRP-1	**198.118.216.137**
LA046	FIBER	MIC/MIC	80'	.86/1.24	2303	2303	C5/P04 ACM-3	**198.118.216.133**
LA047	FIBER	MIC/MIC	80'	2.01/1.46	2303	2303	C6/P11 ACM-3	**198.118.216.133**
LA048	FIBER	MIC/MIC	104'	1.19/1.31	2303	2303	C6/P10 ACM-4	**198.118.216.134**
LA049	FIBER	MIC/MIC	104'	1.01/2.00	2303	2303	C7/P06 ACM-4	**198.118.216.134**
LA050	FIBER	MIC/MIC	70'	2.09/2.01	2303	2303	C1/P13 SPR-1	**198.118.216.116**
LA051	FIBER	MIC/MIC	70'	2.31/1.47	2303	2303	C2/P10 SPR-1	**198.118.216.116**

Table 2.4-1. Cable Labeling (2 of 2)

CABLE NUMBER	CABLE TYPE	CONNECTOR	CABLE LENGTH	db LOSS	FROM AREA	TO AREA	CONNECTIVITY	IP ADDRESS
LA053	FIBER	MIC/MIC	74'	1.43/1.51	2303	2303	C2/P03 SPR-5	**198.118.216.120**
LA054	FIBER	MIC/MIC	78'	2.06/.89	2303	2303	C1/P05 SPR-6	**198.118.216.121**
LA055	FIBER	MIC/MIC	78'	1.05/1.92	2303	2303	C2/P07 SPR-6	**198.118.216.121**
LA056	FIBER	MIC/MIC	90'	1.29/1.83	2303	2303	C1/P06 SPR-7	**198.118.216.122**
LA057	FIBER	MIC/MIC	90'	1.17/1.87	2303	2303	C2/P06 SPR-7	**198.118.216.122**
LA058	FIBER	MIC/MIC	60'	1.12/1.65	2303	2303	C6/P08 DMG-5	**198.118.216.145**
LA059	FIBER	MIC/MIC	60'	1.64/1.66	2303	2303	C7/P10 DMG-5	**198.118.216.145**
LA060	FIBER	MIC/MIC	64'	2.30/2.01	2303	2303	C5/P13 DMG-4	**198.118.216.144**
LA061	FIBER	MIC/MIC	64'	2.11/2.21	2303	2303	C6/P03 DMG-4	**198.118.216.144**
LA062	FIBER	MIC/MIC	68'	1.82/1.37	2303	2303	C1/P03 PLN-1	**198.118.216.114**
LA063	FIBER	MIC/MIC	68'	.87/.98	2303	2303	C2/P04 PLN-1	**198.118.216.114**
LA064	FIBER	MIC/MIC	72'	1.45/.96	2303	2303	C5/P14 ACM-5	**198.118.216.153**
LA065	FIBER	MIC/MIC	76'	1.95/1.92	2303	2303	C5/P03 DDS-1	**198.118.216.135**
LA066	FIBER	MIC/MIC	76'	2.11/1.06	2303	2303	C6/P12 DDS-1	**198.118.216.135**
LA067	FIBER	MIC/MIC	80'	2.16/2.37	2303	2303	C6/P04 DDS-2	**198.118.216.136**
LA068	FIBER	MIC/MIC	80'	1.27/1.66	2303	2303	C7/P04 DDS-2	**198.118.216.136**
LA069	FIBER	MIC/MIC	84'	.98/1.30	2303	2303	C7/P03 DRP-6	**198.118.216.154**
LA070	FIBER	MIC/MIC	92'	1.29/3.56	2303	2303	C1/P07 AIT-2	**198.118.216.111**
LA071	FIBER	MIC/MIC	92'	1.17/1.21	2303	2303	C2/P05 AIT-2	**198.118.216.111**
LA072	FIBER	MIC/MIC	92'	1.50/1.56	2303	2303	C6/P14 ACM-1	**198.118.216.131**
LA073	CAT 5	RJ45	84'	N/A	2303	2303	E1/P07 SPR-4	**198.118.216.162**
LA074	FIBER	MIC/MIC	76'	1.84/.97	2303	2303	C2/P11 SE-SPARC-9	**198.118.216.155**
LA075	FIBER	MIC/MIC	72'	1.52/1.39	2303	2303	C1/P04 SE-SPARC-10	**198.118.216.156**
LA076	CAT 5	RJ45	46'	N/A	2303	2303	E1/P08 SE-XTERM-12	**198.118.216.157**
LA077	FIBER	MIC/MIC	44'	2.04/1.84	2303	2303	C8/P04 MSS-1.1	**198.118.216.124**
LA078	CAT 5	RJ45	48'	N/A	2303	2303	E1/P09 MSS-2.2	**198.118.216.125**
LA079	FIBER	MIC/MIC	46'	2.71/3.05	2303	2303	C9/P14 CSS-1	**198.118.216.123**
LA080	FIBER	MIC/MIC	46'	1.25/1.64	2303	2303	C8/PP05 CSS-1	**198.118.216.123**
LA081	FIBER	MIC/MIC	50'	.80/1.74	2303	2303	C9/P07 MSS-4	**198.118.216.130**
LA082	FIBER	MIC/MIC	50'	2.61/1.93	2303	2303	C8/P06 MSS-4	**198.118.216.130**
LA083	FIBER	MIC/MIC	50'	1.77/2.03	2303	2303	C9/P06 SE-WS-1	**198.118.216.163**
LA084	FIBER	MIC/MIC	56'	1.81/1.57	2303	2303	C9/P04 SE-WS-2	**198.118.216.164**
LA085	FIBER	MIC/MIC	80'	1.89/1.54	2303	2303	M&0 C1/P12 SE-SRVR-1	**198.119.143.18**
LA086	FIBER	MIC/MIC	75'	1.54/1.13	2303	2303	M&O C1/P03 SE-SRVR-2	**198.119.143.19**
LA087	FIBER	MIC/MIC	80'	3.52/1.92	2303	2303	M&O C1/P05 SE-SRVR-3	**198.119.143.20**
LA088	FIBER	MIC/MIC	86'	.91/3.77	2303	2303	M&O C1/P10 SE-SRVR-4	**198.119.143.21**
LA089	FIBER	MIC/MIC	68'	1.19/1.21	2303	2303	M&O C1/P09 SE-SRVR-5	**198.119.143.22**
LA090	FIBER	MIC/MIC	78'	1.87/2.42	2303	2303	M&O C1/P07 SE-SRVR-7	**198.119.143.26**
LA091	FIBER	MIC/MIC	86'	1.92/2.00	2303	2303	M&O C1/P04 SE-SRVR-8	**198.119.143.27**
LA092	FIBER	MIC/MIC	92'	1.21/2.38	2303	2303	M&O C1/P11 SE-SRVR-9	**198.119.143.28**
LA093	CAT 5	RJ45	52'	N/A	2303	2303	M&O E2/P04 SE-0ASRVR-1	**198.119.143.23**
LA094	CAT 5	RJ45	52'	N/A	2303	2303	M&O E2/P05 SE-SRVR-2	**198.119.143.38**
LA095	CAT 5	RJ45	90'	N/A	2303	2303	M&O E1/P08 SE-XTERM-8	**198.119.143.31**
LA096	FIBER	MIC/MIC	80'	0.95/1.26	2303	2303	C9/P05 MSS-3	**198.118.216.126**
LA097	FIBER	MIC/MIC	80'	1.82/1.25	2303	2303	C8/P07 MSS-3	**198.118.216.126**
LA098	CAT 5	RJ45	70'	N/A	2303	2303 E	M&O E1/P09 SE-XTERM-9	**198.119.143.32**
LA099	CAT 5	RJ45	62'	N/A	2303	2303 D	M&O E2/P06 SE-OAWS-3	**198.119.143.37**
LA100	FIBER	MIC/MIC	10'	.47/.60	2303	2303	M&O C1/P08 SE-SRVR-6	**198.119.143.25**
LA101	CAT 5	RJ45	160'	N/A	2303	2302	E1/P10 DIP-4	**198.118.216.140**
LA102	CAT 5	RJ45	160'	N/A	2303	2302	E1/P11 DIP-3	**198.118.216.139**
LA103	FIBER	MIC/MIC	160'	1.29/1.54	2303	2302	C3/P04 ICL-2	**198.118.216.39**
LA104	FIBER	MIC/MIC	160'	2.16/1.94	2303	2302	C4/P06 ICL-2	**198.118.216.39**
LA105	FIBER	MIC/MIC	150'	1.16/.62	2303	2302	C4/P05 ICL-1.1	**198.118.216.38**
LA106	FIBER	MIC/MIC	145'	1.51/1.17	2303	2302	C3/P03 ICL-4	**198.118.216.40**
LA107	FIBER	MIC/MIC	145'	.88/2.36	2303	2302	C4/P07 ICL-5	**198.118.216.41**
LA108	FIBER	MIC/MIC	145'	1.33/1.13	2303	2302	C5/P09 DIP-1	**198.118.216.47**
LA109	FIBER	MIC/MIC	145'	1.84/1.62	2303	2302	C6/P07 DIP-1	**198.118.216.47**
LA110	FIBER	MIC/MIC	140'	1.28/.17	2303	2302	C6/P06 DIP-2	**198.118.216.138**
LA111	FIBER	MIC/MIC	140'	2.06/1.10	2303	2302	C7/P11 DIP-2	**198.118.216.138**
LA112	CAT 5	RJ45	125'	N/A	2303	2302	E1/P12 ICL-3	**198.118.216.152**
LA113	FIBER	MIC/MIC	125'	1.64/.90	2303	2302	C7/P12 ACM-2	**198.118.216.132**

2.5 Electrical Identification

Figures 2.5-1 through 2.5-4 depict the paths from the PDU to power each piece of hardware.

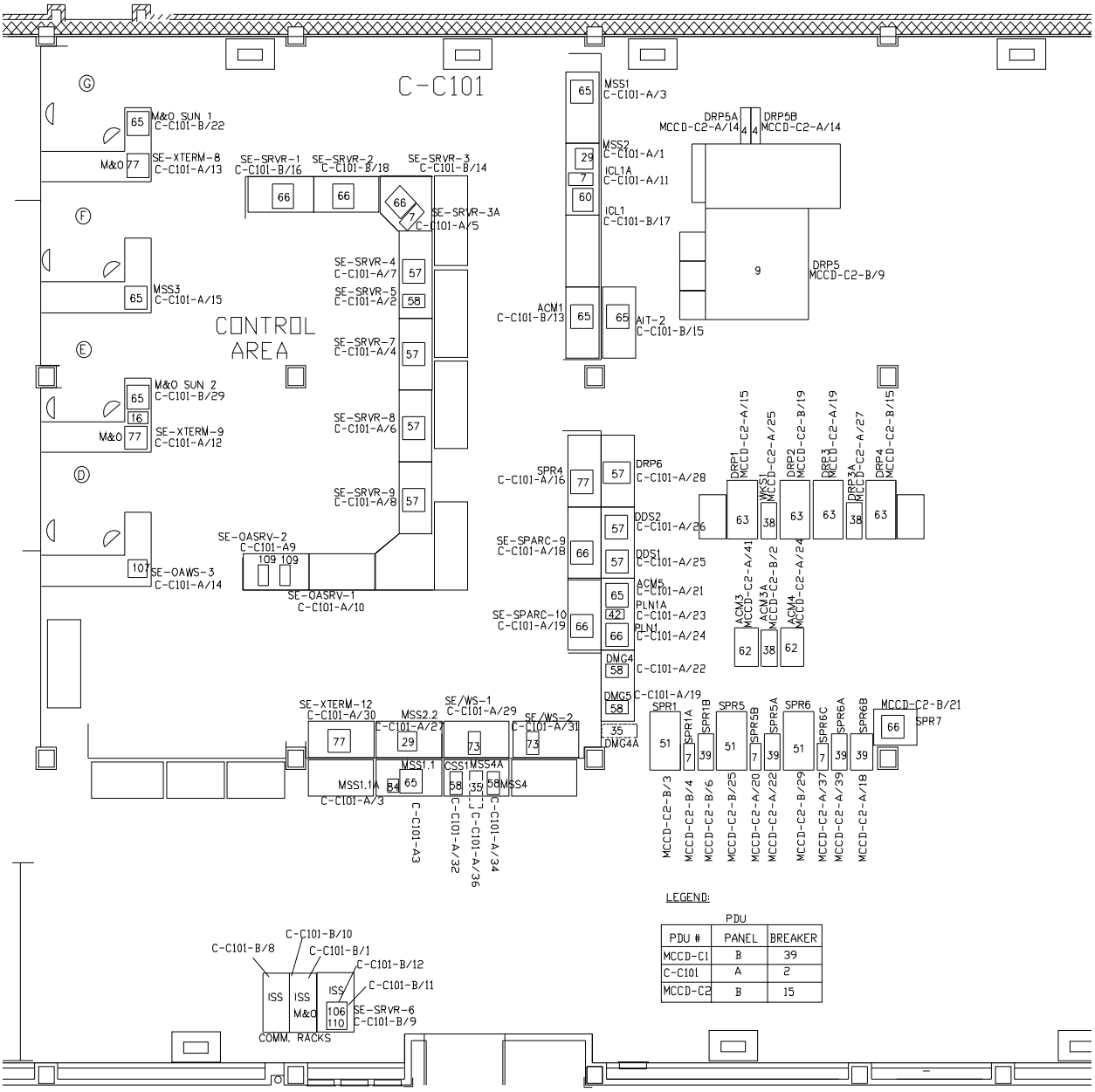

Figure 2.5-1. LaRC Electrical Circuits for Ops Area

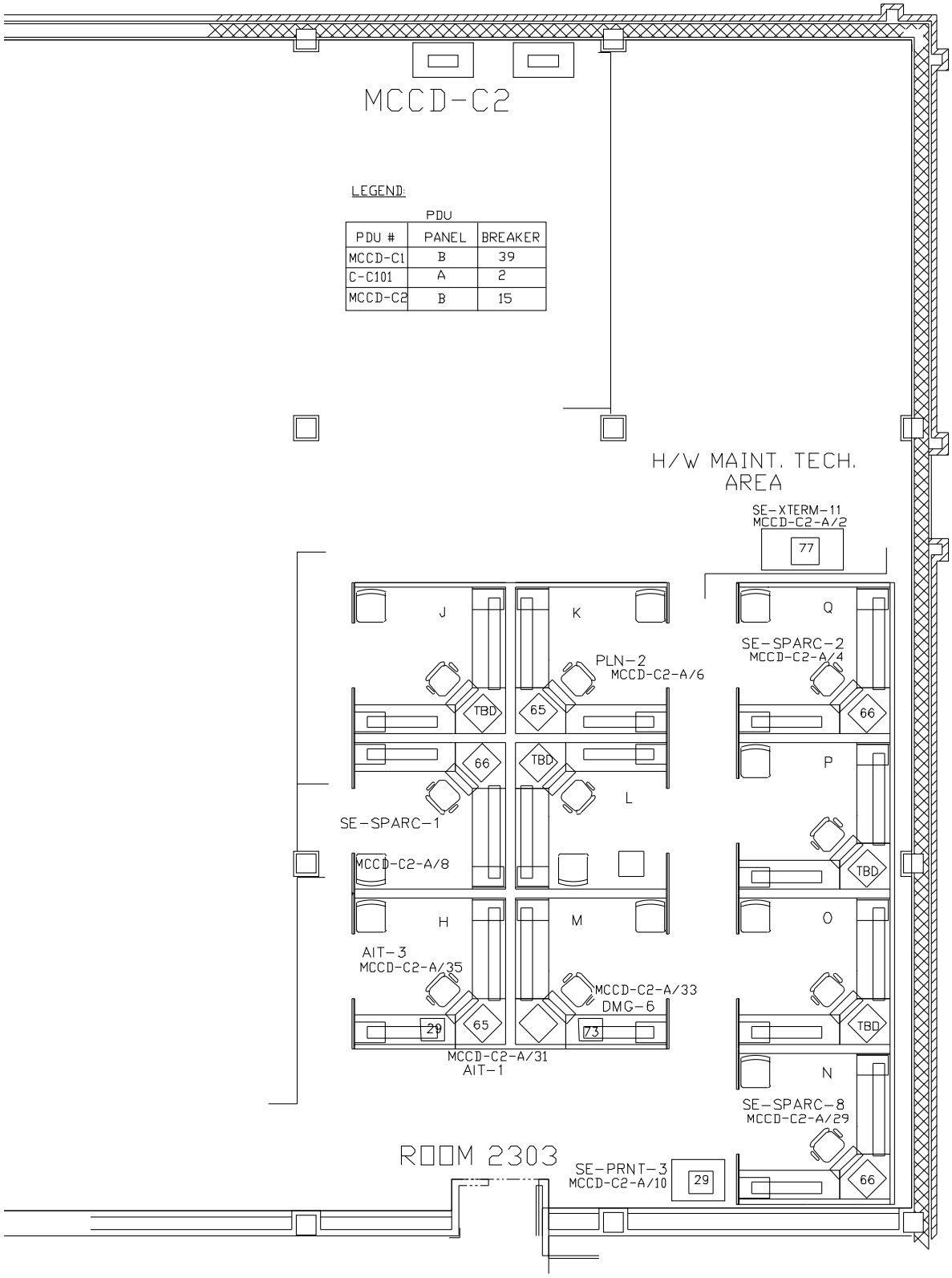

Figure 2.5-2. LaRC Electrical Circuits for Room 2303 Cubicles

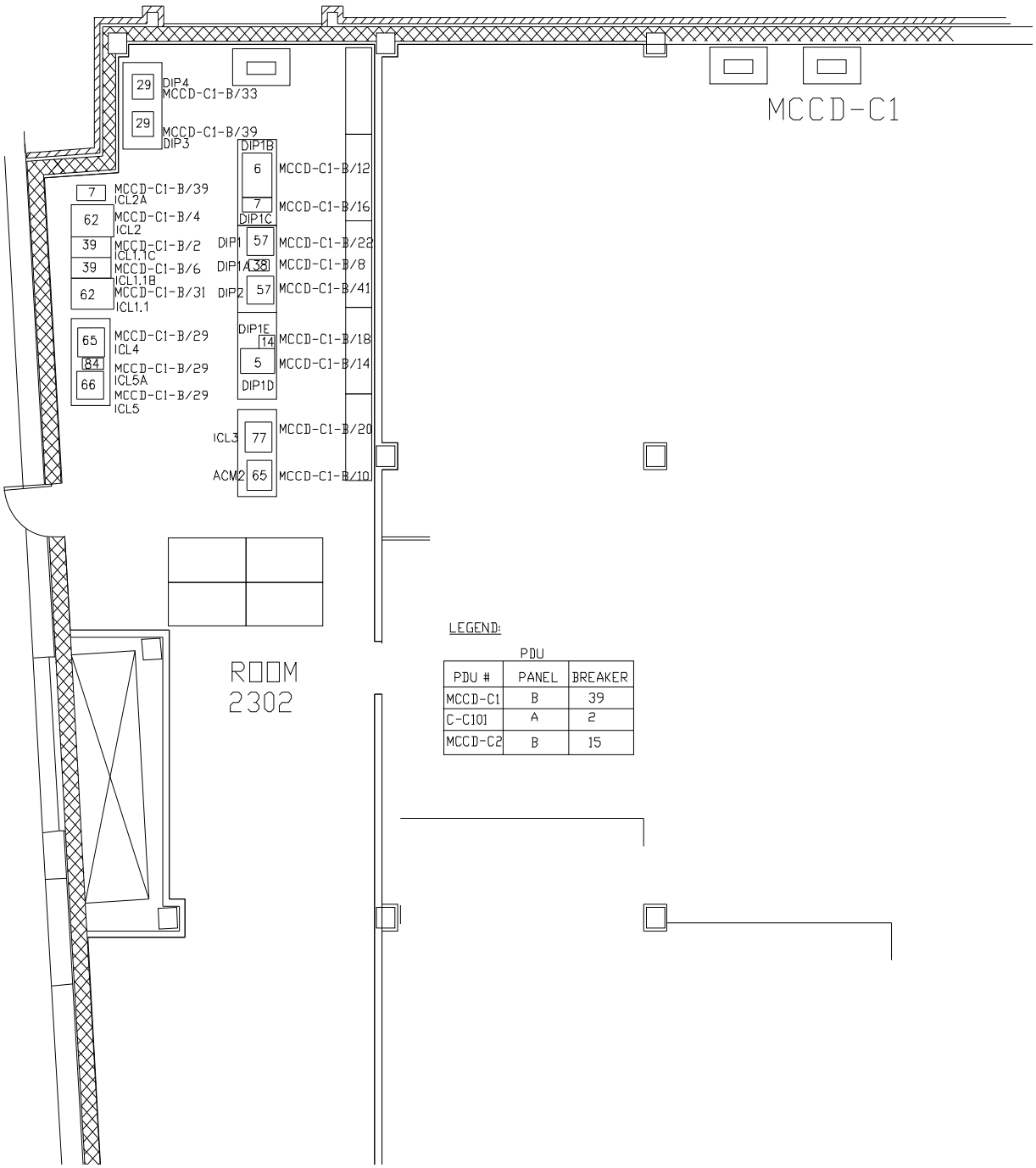

Figure 2.5-3. LaRC Electrical Circuits for Room 2302

LEGEND:

PDU #	PANEL	BREAKER
MCCD-A2	B	39

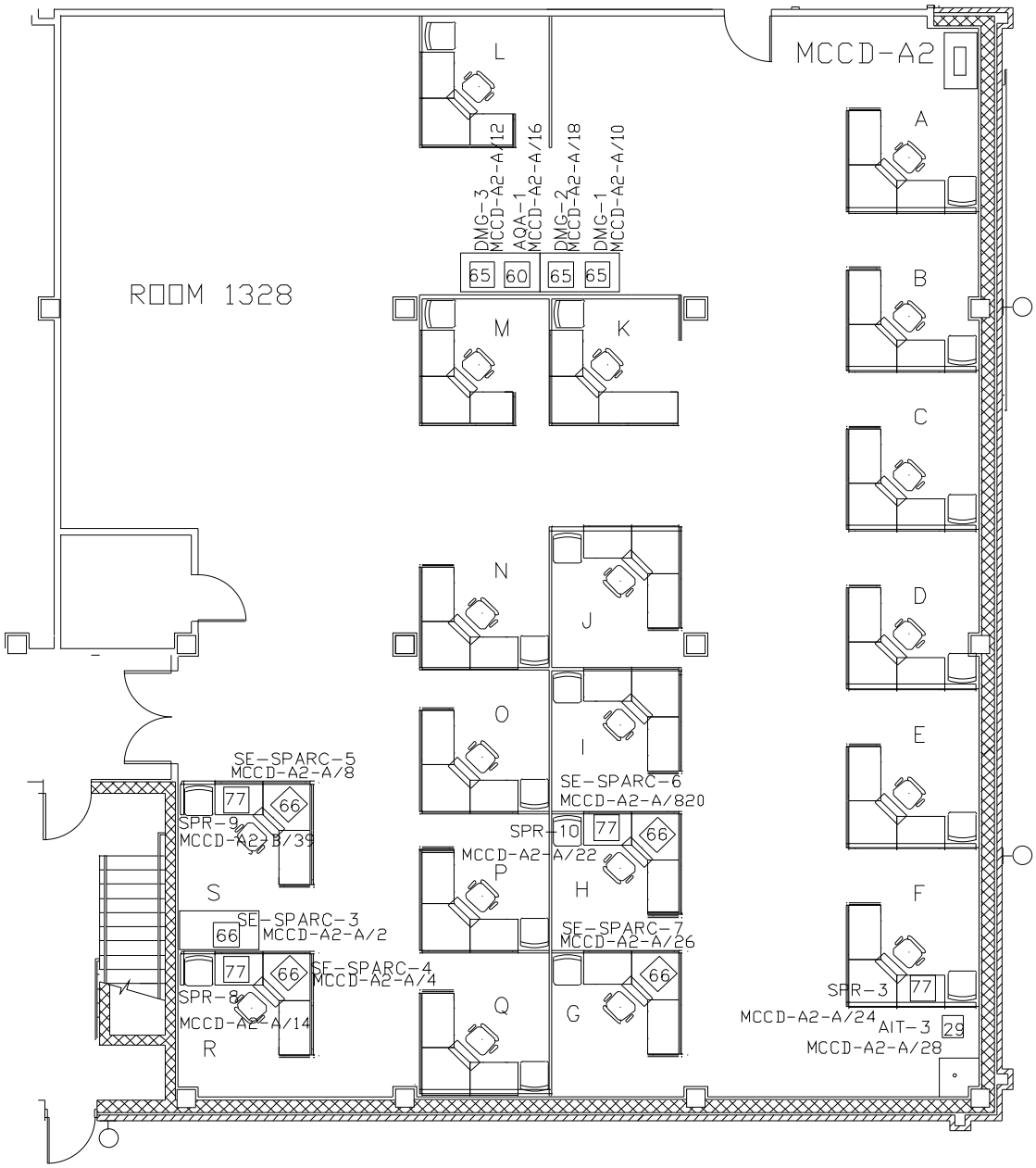

Figure 2.5-4. LaRC Electrical Circuits for Room 1328