

SINGLE-LINE DIAGRAM — NOT TO SCALE
SERVICE: 120/208V 3-phase, NOT PROVIDED — BY OTHERS (MEP-ELS-001)
NFPA 70

NEC 220 DEMAND SUMMARY (220.84 OPTIONAL METHOD, MEP-ELS-001)

SERVICE 120/208V 3-phase: NOT PROVIDED — BY OTHERS (MEP-ELS-001)

46 DWELLING UNITS, TABLE 220.84 26%: KNOWN 223,320 VA, DEMAND 58,063 VA

HOUSE LOADS (220.84(B)) KNOWN 3,431 VA; EV NOT PROVIDED — BY OTHERS

LOWER BOUND 61,494 VA, 170.7 A

OWED: 3 NAMEPLATE AND TENANT LOADS

BATHROOM CIRCUIT 120 V 20 A IN EACH OF 46 UNITS (MEP-BTH-001)

EV CHARGING NOT PROVIDED — BY OTHERS (MEP-EVL-001)

PANEL MSB (MEP-PNL-001)

CKT	DESCRIPTION	P	A	VA	RECORD
1	FEEDER LP-L2	NOT PROVIDED — BY OTHERS			MEP-PNL-002
2	FEEDER LP-L3	NOT PROVIDED — BY OTHERS			MEP-PNL-003
3	FEEDER LP-L4	NOT PROVIDED — BY OTHERS			MEP-PNL-004
4	STAIR core-A LIGHTING, 4 LEVELS	1	15	440	MEP-PNL-001
5	ELEVATOR core-A-1, NAMEPLATE (220.84(B), PART III)	NOT PROVIDED — BY OTHERS			MEP-PNL-001
6	STAIR core-B LIGHTING, 4 LEVELS	1	15	440	MEP-PNL-001
7	EV CHARGING (MEP-EVL)	NOT PROVIDED — BY OTHERS			MEP-EVL-001

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 880 VA

PANEL LP-L2 (MEP-PNL-002)

CKT	DESCRIPTION	P	A	VA	RECORD
1	UNIT L2-S01 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
2	UNIT L2-S02 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
3	UNIT L2-S03 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
4	UNIT L2-S04 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
5	UNIT L2-S05 (UP-ST-506-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-007
6	UNIT L2-N06 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
7	UNIT L2-N07 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
8	UNIT L2-N08 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
9	UNIT L2-N09 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
10	UNIT L2-N10 (UP-1BR-654-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-010
11	UNIT L2-W11 (UP-ST-502-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-011
12	UNIT L2-W12 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
13	UNIT L2-W13 (UP-ST-529-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-012
14	UNIT L2-W14 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
15	UNIT L2-E15 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
16	UNIT L2-E16 (UP-ST-503-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-013
17	CORRIDOR LIGHTING	1	15	850	MEP-PNL-002

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 850 VA

PANEL LP-L3 (MEP-PNL-003)

CKT	DESCRIPTION	P	A	VA	RECORD
1	UNIT L3-S01 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
2	UNIT L3-S02 (UP-ST-506-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-007
3	UNIT L3-S03 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
4	UNIT L3-S04 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
5	UNIT L3-S05 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
6	UNIT L3-N06 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
7	UNIT L3-N07 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
8	UNIT L3-N08 (UP-ST-509-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-014
9	UNIT L3-N09 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
10	UNIT L3-N10 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
11	UNIT L3-W11 (UP-ST-502-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-011
12	UNIT L3-W12 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
13	UNIT L3-W13 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
14	UNIT L3-E14 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
15	UNIT L3-E15 (UP-1BR-744-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-015
16	CORRIDOR LIGHTING	1	15	850	MEP-PNL-003

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 850 VA

PANEL LP-L4 (MEP-PNL-004)

CKT	DESCRIPTION	P	A	VA	RECORD
1	UNIT L4-S01 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
2	UNIT L4-S02 (UP-ST-506-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-007
3	UNIT L4-S03 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
4	UNIT L4-S04 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
5	UNIT L4-S05 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
6	UNIT L4-N06 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
7	UNIT L4-N07 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
8	UNIT L4-N08 (UP-ST-509-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-014
9	UNIT L4-N09 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
10	UNIT L4-N10 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
11	UNIT L4-W11 (UP-ST-502-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-011
12	UNIT L4-W12 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
13	UNIT L4-W13 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
14	UNIT L4-E14 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
15	UNIT L4-E15 (UP-1BR-744-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-015
16	CORRIDOR LIGHTING	1	15	850	MEP-PNL-004

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 850 VA

PANEL UP-ST-531-U (MEP-PNL-005)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,593	MEP-PNL-005
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-005
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-005
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-005
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-005
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-005
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-005

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,593 VA

PANEL UP-1BR-772-U (MEP-PNL-006)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/2	1	15	1,158	MEP-PNL-006
2	GENERAL LIGHTING AND RECEPTACLES 2/2	1	15	1,158	MEP-PNL-006
3	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-006
4	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-006
5	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-006
6	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
7	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-006
8	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-006
9	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-006

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 5,316 VA

PANEL UP-ST-506-U (MEP-PNL-007)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,518	MEP-PNL-007
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-007
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-007
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-007
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-007
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-007
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-007

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,518 VA

UNIT FEEDERS AND BRANCH CIRCUITS: SEE E3.4

PANEL UP-1BR-675-U (MEP-PNL-008)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/2	1	15	1,012	MEP-PNL-008
2	GENERAL LIGHTING AND RECEPTACLES 2/2	1	15	1,012	MEP-PNL-008
3	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-008
4	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-008
5	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-008
6	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
7	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-008
8	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-008
9	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-008

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 5,025 VA

PANEL UP-ST-482-U (MEP-PNL-009)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,446	MEP-PNL-009
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-009
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-009
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-009
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-009
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-009
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-009

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,446 VA

PANEL UP-1BR-654-U (MEP-PNL-010)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/2	1	15	981	MEP-PNL-010
2	GENERAL LIGHTING AND RECEPTACLES 2/2	1	15	981	MEP-PNL-010
3	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-010
4	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-010
5	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-010
6	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
7	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-010
8	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-010
9	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-010

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,962 VA

PANEL UP-ST-502-U (MEP-PNL-011)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,506	MEP-PNL-011
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-011
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-011
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-011
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-011
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-011
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-011

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,506 VA

PANEL UP-ST-529-U (MEP-PNL-012)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,587	MEP-PNL-012
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-012
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-012
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-012
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-012
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-012
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-012

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,587 VA

PANEL UP-ST-503-U (MEP-PNL-013)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,509	MEP-PNL-013
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-013
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-013
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-013
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-013
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-013
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-013

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,509 VA

PANEL UP-ST-509-U (MEP-PNL-014)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,527	MEP-PNL-014
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-014
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-014
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-014
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-014
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-014
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-014

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,527 VA

PANEL UP-1BR-744-U (MEP-PNL-015)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/2	1	15	1,116	MEP-PNL-015
2	GENERAL LIGHTING AND RECEPTACLES 2/2	1	15	1,116	MEP-PNL-015
3	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-015
4	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-015
5	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-015
6	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
7	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-015
8	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-015
9	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-015

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 5,232 VA

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
MECHANICAL	NOT PROVIDED — BY OTHERS
PLUMBING	NOT PROVIDED — BY OTHERS
ELECTRICAL	NOT PROVIDED — BY OTHERS
LANDSCAPE	NOT PROVIDED — BY OTHERS
FIRE PROTECTION	NOT PROVIDED — BY OTHERS
GEOTECHNICAL	NOT PROVIDED — BY OTHERS

REVIEW

Prepared for review by the design professional of record. Not for construction or permit submission.

PROJECT

Architecture.Engineering — L courtyard study

FICTIONAL STUDY: NO REAL PARCEL
ARCHITECTURE&ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

MARKDATE	DESCRIPTION

REGISTER

Project	AE-STUDY-L01
Issue	NOT PROVIDED — BY OTHERS
Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

The set's open issue is stated on the cover, G0.01.

SINGLE-LINE DIAGRAM & PANEL SCHEDULES

SHEET

E3.1