

**Branch Panel: LA-9**  
 Location: Supply From: Mounting: Recessed Enclosure: NEMA 1  
 Volts: 120/240 Single Phases: 3 Wires: 3  
 A.I.C. Rating: 150 A Mains Type: MCB Mains Rating: 225 A MCB Rating: 150 A  
 Notes: ALL BREAKERS AFI TYPE

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	CU	30 A	2	1680 VA 3250 VA	1680 VA 3250 VA	2	50 A	Electric Range	2
3									4
5	AHJ	45 A	2	4500 VA 2250 VA	4500 VA 2250 VA	2	20 A	Power	6
7									8
9	Electric Clothes Dryer	30 A	2	2500 VA 750 VA	2500 VA 750 VA	1	20 A	Electric Clothes Washer	10
11									12
13	Kitchen Countertop Receptacles	20 A	1	360 VA 750 VA	360 VA 750 VA	1	20 A	Garbage Disposal GFCI BREAKER	14
15	Kitchen Countertop Receptacles	20 A	1	360 VA 750 VA	360 VA 1200 VA	1	20 A	Microwave	16
17	Dinning Receptacles	20 A	1	720 VA 615 VA	720 VA 615 VA	1	20 A	Refrigerator	18
19	Bathroom 1	20 A	1	360 VA 180 VA	200 VA 871 VA	1	20 A	Unit Lights	20
21	Livingroom Receptacles	20 A	1	360 VA 180 VA	360 VA 1200 VA	1	20 A	Weather Proof Receptacle	22
23	Livingroom Receptacles	20 A	1	360 VA 180 VA	1080 VA 900 VA	1	20 A	Receptacle	24
25	Bedroom 2 Receptacles	20 A	1	900 VA 0 VA	0 VA 0 VA	1	20 A	Spare	26
27	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	28
29	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	32
33	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	34
35	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	36
Total Load:				18815 VA	19484 VA				
Total Amps:				157 A	162 A				

Legend:  
 LOADS (VA)  
 Lighting: 80 VA143 VA  
 Receptacles: 100.00%/100.00%  
 Motors: 5000 VA  
 Space Heating: 5200 VA  
 Kitchen Equipment: 9000 VA  
 Continuous Loads: 80 VA  
 Other: 540 VA

Panel Totals  
 Total Conn. Load: 38298 VA  
 Total Est. Demand: 160 A

**Branch Panel: LA-10**  
 Location: Supply From: Mounting: Recessed Enclosure: NEMA 1  
 Volts: 120/240 Single Phases: 3 Wires: 3  
 A.I.C. Rating: 150 A Mains Type: MCB Mains Rating: 225 A MCB Rating: 150 A  
 Notes: ALL BREAKERS AFI TYPE

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	CU	30 A	2	1680 VA 3250 VA	1680 VA 3250 VA	2	50 A	Electric Range	2
3									4
5	AHJ	45 A	2	4500 VA 2250 VA	4500 VA 2250 VA	2	30 A	Water Heater	6
7									8
9	Electric Clothes Dryer	30 A	2	2500 VA 750 VA	2500 VA 750 VA	1	20 A	Electric Clothes Washer	10
11									12
13	Kitchen Countertop Receptacles	20 A	1	360 VA 750 VA	360 VA 750 VA	1	20 A	Garbage Disposal GFCI BREAKER	14
15	Kitchen Countertop Receptacle	20 A	1	360 VA 750 VA	360 VA 1200 VA	1	20 A	Microwave	16
17	Dinning Receptacles	20 A	1	720 VA 615 VA	720 VA 615 VA	1	20 A	Refrigerator	18
19	Bathroom	20 A	1	360 VA 180 VA	200 VA 871 VA	1	20 A	Unit Lights	20
21	Livingroom Receptacles	20 A	1	360 VA 180 VA	360 VA 1200 VA	1	20 A	Weather Proof Receptacle	22
23	Livingroom Receptacles	20 A	1	360 VA 180 VA	1080 VA 900 VA	1	20 A	Receptacle	24
25	Receptacle	20 A	1	900 VA 0 VA	0 VA 0 VA	1	20 A	Spare	26
27	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	28
29	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	32
33	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	34
35	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	36
Total Load:				16565 VA	17960 VA				
Total Amps:				138 A	150 A				

Legend:  
 LOADS (VA)  
 Lighting: 160 VA234 VA  
 Receptacles: 100.00%/100.00%  
 Motors: 5000 VA  
 Space Heating: 5200 VA  
 Kitchen Equipment: 9000 VA  
 Continuous Loads: 160 VA  
 Other: 1106 VA

Panel Totals  
 Total Conn. Load: 34525 VA  
 Total Est. Demand: 134 A

**Branch Panel: LA-11**  
 Location: Supply From: Mounting: Recessed Enclosure: NEMA 1  
 Volts: 120/240 Single Phases: 3 Wires: 3  
 A.I.C. Rating: 150 A Mains Type: MCB Mains Rating: 225 A MCB Rating: 150 A  
 Notes: ALL BREAKERS AFI TYPE

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	CU	30 A	2	1680 VA 3250 VA	1680 VA 3250 VA	2	50 A	Electric Range	2
3									4
5	AHJ	45 A	2	4500 VA 2250 VA	4500 VA 2250 VA	2	20 A	Power	6
7									8
9	Electric Clothes Dryer	30 A	2	2500 VA 750 VA	2500 VA 750 VA	1	20 A	Electric Clothes Washer	10
11									12
13	Kitchen Countertop Receptacles	20 A	1	360 VA 750 VA	360 VA 750 VA	1	20 A	Garbage Disposal	14
15	Kitchen Countertop Receptacles	20 A	1	360 VA 750 VA	360 VA 1200 VA	1	20 A	Microwave	16
17	Dinning Receptacles	20 A	1	720 VA 615 VA	720 VA 615 VA	1	20 A	Refrigerator	18
19	Bathroom	20 A	1	360 VA 180 VA	200 VA 871 VA	1	20 A	Unit Lights	20
21	Livingroom Receptacles	20 A	1	360 VA 180 VA	360 VA 1200 VA	1	20 A	Weather Proof Receptacle	22
23	Livingroom Receptacles	20 A	1	360 VA 180 VA	1080 VA 900 VA	1	20 A	Bedroom Receptacles	24
25	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	26
27	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	28
29	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	32
33	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	34
35	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	36
Total Load:				17735 VA	19517 VA				
Total Amps:				148 A	163 A				

Legend:  
 LOADS (VA)  
 Lighting: 200 VA143 VA  
 Receptacles: 100.00%/100.00%  
 Motors: 5000 VA  
 Space Heating: 5200 VA  
 Kitchen Equipment: 9000 VA  
 Continuous Loads: 360 VA  
 Other: 2900 VA

Panel Totals  
 Total Conn. Load: 34036 VA  
 Total Est. Demand: 155 A

**Branch Panel: LA-12**  
 Location: Supply From: Mounting: Recessed Enclosure: NEMA 1  
 Volts: 120/240 Single Phases: 3 Wires: 3  
 A.I.C. Rating: 150 A Mains Type: MCB Mains Rating: 225 A MCB Rating: 150 A  
 Notes: ALL BREAKERS AFI TYPE

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	CU	30 A	2	1680 VA 3250 VA	1680 VA 3250 VA	2	50 A	Electric Range	2
3									4
5	AHJ	45 A	2	4500 VA 2250 VA	4500 VA 2250 VA	2	30 A	Water Heater	6
7									8
9	Electric Clothes Dryer	30 A	2	2500 VA 750 VA	2500 VA 750 VA	1	20 A	Electric Clothes Washer	10
11									12
13	Kitchen Countertop Receptacles	20 A	1	360 VA 750 VA	360 VA 750 VA	1	20 A	Garbage Disposal	14
15	Kitchen Countertop Receptacles	20 A	1	360 VA 750 VA	360 VA 1200 VA	1	20 A	Microwave	16
17	Dinning Receptacles	20 A	1	720 VA 615 VA	720 VA 615 VA	1	20 A	Refrigerator	18
19	Bathroom	20 A	1	360 VA 180 VA	200 VA 871 VA	1	20 A	Unit Lights	20
21	Livingroom Receptacles	20 A	1	360 VA 180 VA	360 VA 1200 VA	1	20 A	Weather Proof Receptacle	22
23	Livingroom Receptacles	20 A	1	360 VA 180 VA	1080 VA 900 VA	1	20 A	Bedroom Receptacles	24
25	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	26
27	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	28
29	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	32
33	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	34
35	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	36
Total Load:				17735 VA	19460 VA				
Total Amps:				148 A	162 A				

Legend:  
 LOADS (VA)  
 Lighting: 140 VA143 VA  
 Receptacles: 100.00%/100.00%  
 Motors: 5000 VA  
 Space Heating: 5200 VA  
 Kitchen Equipment: 9000 VA  
 Continuous Loads: 360 VA  
 Other: 3900 VA

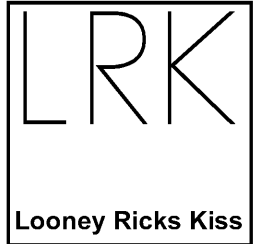
Panel Totals  
 Total Conn. Load: 37195 VA  
 Total Est. Demand: 145 A

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DRAWING NOTES

- A. PLEASE REFER TO SHEET E000 FOR PROJECT NOTES, LEGEND, AND ABBREVIATIONS.
- B. PANEL SCHEDULES ARE REPRESENTATIVE OF THE TYPE OF UNIT. INDIVIDUAL UNITS MAY VARY SLIGHTLY.
- C. PANEL DOORS SHALL BE FACTORY FINISH WHITE WITH FACTORY FINISH WHITE SCREWS AND WHITE PLASTIC LATCH.
- D. PANEL DIRECTORY SHALL BE NEATLY PRINTED OR TYPED ON EACH PANEL DOOR.
- E. THE "HOUSE" PANELS COVER UP TO THREE BUILDINGS AND MAY CONTAIN THE CIRCUITS FOR THE FOLLOWING: GFCI RECEPTACLES AT ALL HEAT PUMPS, FRONT PORCH AND BREEZEWAY LIGHTS, POWER FOR SECURITY CAMERAS, POWER FOR AUTO GATE OPENER, POWER FOR MAN GATE AND ACCESS CONTROL, SPRINKLER ROOM VALVES, SPRINKLER ROOM WALL HEATER, SPRINKLER ROOM LIGHT AND RECEPTACLES, SPRINKLER ROOM ACCESS CONTROL, IRRIGATION CONTROLLER, SIGN/MONUMENT LIGHT, ETC.
- F. REFER TO SHEET E006 FOR UNIT PANEL CALCULATIONS.



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Issues and Revisions

Date	Issued / Revised
1 03/16/2020	50% CONSTRUCTION DOCUMENTS
2 05/18/2020	80% CONSTRUCTION DOCUMENTS
3 07/13/2020	PERMIT

- BUILDING ADDRESSES
- TYPE G-B 442, 444, 446, 448 BATHURST LANE
  - TYPE H-A 374, 296, 298, 330 ISHMAEL PLACE
  - TYPE H-B 373, 400 VANCE AVE
  - TYPE H-C 315, 364 FOOTE LANE
  - TYPE H-D 353 S DANNY THOMAS BLVD
  - TYPE L-C 365, 431 VANCE AVE
  - TYPE L-D 315 ISHMAEL PLACE
  - TYPE L-E 327 ISHMAEL PLACE
  - TYPE L-F 420, 355 FOOTE LANE
  - TYPE M-A 342, 428 FOOTE LANE

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LRK Project Number: 01.15100.02

Project Name:  
**South City CNI Phase 4**  
 Memphis TN

Drawing Name:  
**ELECTRICAL PANEL SCHEDULES - BUILDING L-A**

Drawn By: PTH  
 Checked By: RJH

LA-E302