

Designation: 1A

Installed Location: 1 Bedroom Unit (1A)

Bus Amps: 100

SCCR/AIC: 22.0 kA

Voltage: 120/208 1PH 3W-1Ph-3W

MCB Amps: MLO

Mains FN/Note: -

Mounting: Flush

Features & Modifications: PROVIDE SURGE PROTECTION DEVICE

Enclosure: NEMA 1

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
1A-1	Counter Top Receptacles/Disposal	1/2"C, 1#12, #12N, #12G	20	GA	8.7 A 21....			30	1/2"C, 2#10, #10G	Electric Water Heating	1A-2
1A-3	Counter Top Receptacle/Refrigerator	1/2"C, 1#12, #12N, #12G	20	GA		4.5 A 21....					1A-4
1A-5	Dishwasher	1/2"C, 1#12, #12N, #12G	20	GA	4.2 A 24....						1A-6
1A-7	Living Room Receptacles	1/2"C, 1#12, #12N, #12G	20	A		7.5 A 24....					1A-8
1A-9	Kitchen/Living Lights	1/2"C, 1#12, #12N, #12G	20	A	0.8 A 38....						1A-10
1A-11	Hood/Microwave	1/2"C, 1#12, #12N, #12G	20	GA		2.1 A 38....					1A-12
1A-13	Clothes Washer Receptacle	1/2"C, 1#12, #12N, #12G	20	GA	1.5 A 20....						1A-14
1A-15	Bathroom	1/2"C, 1#12, #12N, #12G	20			2.6 A 20....					1A-16
1A-17	Bedroom	1/2"C, 1#12, #12N, #12G	20	A	7.9 A 11....						1A-18
1A-19	Space	--	--	--	--	--	11....				1A-20
1A-21	Space	--	--	--	--	--	--				1A-22
1A-23	Space	--	--	--	--	--	--				1A-24

Designation: 1B

Installed Location: 1 Bedroom Unit (1B)

Bus Amps: 100

MCB Amps: MLO

Mounting: Flush

Features & Modifications: PROVIDE SURGE PROTECTION DEVICE

Enclosure: NEMA 1

SCCR/AIC: 22.0 kA

Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
1B-1	Counter Top Receptacles/Disposal	1/2"C, 1#12, #12N, #12G	20	GA	8.7 A 21....			30	1/2"C, 2#10, #10G	Electric Water Heating	1B-2
1B-3	Counter Top Receptacles/Refrigerator	1/2"C, 1#12, #12N, #12G	20	GA		4.5 A 21....					1B-4
1B-5	Dishwasher	1/2"C, 1#12, #12N, #12G	20	GA	4.2 A 24....			G 30	1/2"C, 2#10, #10N, #10G	Clothes Dryer	1B-6
1B-7	Living Room Receptacles	1/2"C, 1#12, #12N, #12G	20	A		7.5 A 24....					1B-8
1B-9	Kitchen/Living Room Lights	1/2"C, 1#12, #12N, #12G	20	A	0.8 A 38....			G 50	3/4"C, 2#5, #5N, #10G	Range	1B-10
1B-11	Hood/Microwave	1/2"C, 1#12, #12N, #12G	20	GA		2.1 A 38....					1B-12
1B-13	Clothes Washer Receptacle	1/2"C, 1#12, #12N, #12G	20	GA	1.5 A 20....			25	1/2"C, 2#10, #10G	Blower Coil	1B-14
1B-15	Bathroom	1/2"C, 1#12, #12N, #12G	20			2.6 A 20....					1B-16
1B-17	Bedroom	1/2"C, 1#12, #12N, #12G	20	A	7.9 A 11....			25	1/2"C, 2#10, #10G	Heat Pump	1B-18
1B-19	Space	--	--	--	--	-- 11....					1B-20
1B-21	Space	--	--	--	--	--					1B-22
1B-23	Space	--	--	--	--	--					1B-24

Designation: 2A

Installed Location: 2 Bedroom Unit (2A)

Voltage: 120/208 1PH 3W-1Ph-3W

Mounting: Flush

Enclosure: NEMA 1

Bus Amps: 100

MCB Amps: MLO

Features & Modifications: PROVIDE SURGE PROTECTION DEVICE

SCCR/AIC: 22.0 kA

Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
2A-1	Counter Top Receptacles/Disposal	1/2"C, 1#12, #12N, #12G	20	GA	7.2 A 21....			30	1/2"C, 2#10, #10G	Electric Water Heating	2A-2
2A-3	Counter Top/Kitchen Receptacles/Refrigerator	1/2"C, 1#12, #12N, #12G	20	GA		4.5 A 21....					2A-4
2A-5	Dishwasher	1/2"C, 1#12, #12N, #12G	20	GA	4.2 A 24....						2A-6
2A-7	Living Room Receptacles	1/2"C, 1#12, #12N, #12G	20	A		6.0 A 24....		G 30	1/2"C, 2#10, #10N, #10G	Clothes Dryer	2A-8
2A-9	Kitchen/Living Room Lights	1/2"C, 1#12, #12N, #12G	20	A	0.8 A 38....			G 50	3/4"C, 2#6, #6N, #10G	Ranges	2A-10
2A-11	Hood/Microwave	1/2"C, 1#12, #12N, #12G	20	GA		2.1 A 38....					2A-12
2A-13	Clothes Washer Receptacle	1/2"C, 1#12, #12N, #12G	20	GA	1.5 A 20....			25	1/2"C, 2#10, #10G	Blower Coil	2A-14
2A-15	Bathroom	1/2"C, 1#12, #12N, #12G	20			2.6 A 20....		25	1/2"C, 2#10, #10G	Heat Pump	2A-16
2A-17	Bedroom 1	1/2"C, 1#12, #12N, #12G	20	A	7.9 A 11....						2A-18
2A-19	Bedroom 2	1/2"C, 1#12, #12N, #12G	20	A	7.9 A 11....						2A-20
2A-21	Space	--	--	--	--	--	--	--	--	Surge Protection	2A-22
2A-23	Space	--	--	--	--	--	--	--	--	Surge Protection	2A-24

Designation: 2B

Installed Location: 2 Bedroom Unit (2B)

Voltage: 120/208 1PH 3W-1Ph-3W

Mounting: Flush

Enclosure: NEMA 1

Bus Amps: 100

MCB Amps: MLO

Features & Modifications:

PROVIDE SURGE PROTECTION DEVICE

SCCR/AIC: 22.0 kA

Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
2B-1	Counter Top Receptacles/Disposal	1/2"C, 1#12, #12N, #12G	20	GA	8.7 A 21....			30	1/2"C, 2#10, #10G	Electric Water Heating	2B-2
2B-3	Counter Top/Kitchen Receptacles/Refrigerator	1/2"C, 1#12, #12N, #12G	20	GA		6.0 A 21....					2B-4
2B-5	Dishwasher	1/2"C, 1#12, #12N, #12G	20	GA	4.2 A 24....						2B-6
2B-7	Living Room Receptacles	1/2"C, 1#12, #12N, #12G	20	A		7.5 A 24....					2B-8
2B-9	Kitchen/Living Room Lights	1/2"C, 1#12, #12N, #12G	20	A	0.9 A 38....						2B-10
2B-11	Hood/Microwave	1/2"C, 1#12, #12N, #12G	20	GA		2.1 A 38....					2B-12
2B-13	Clothes Washer Receptacle	1/2"C, 1#12, #12N, #12G	20	GA	1.5 A 20....						2B-14
2B-15	Bathroom	1/2"C, 1#12, #12N, #12G	20			2.6 A 20....					2B-16
2B-17	Bedroom 1	1/2"C, 1#12, #12N, #12G	20	A	4.9 A 11....						2B-18
2B-19	Bedroom 2	1/2"C, 1#12, #12N, #12G	20	A	7.9 A 11....						2B-20
2B-21	Space	--	--	--	--	--	--			Surge Protection	2B-22
2B-23	Space	--	--	--	--	--	--			Surge Protection	2B-24

Designation: 2C

Installed Location: 2 Bedroom Unit (2C)

Voltage: 120/208 1PH 3W-1Ph-3W

Mounting: Flush

Enclosure: NEMA 1

Bus Amps: 100

MCB Amps: MLO

Features & Modifications:

PROVIDE SURGE PROTECTION DEVICE

SCCR/AIC: 22.0 kA

Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
2C-1	Counter Top Receptacles/Disposal	1/2"C, 1#12, #12N, #12G	20	GA	7.2 A 21....			30	1/2"C, 2#10, #10G	Electric Water Heating	2C-2
2C-3	Counter Top/Kitchen Receptacles/Refrigerator	1/2"C, 1#12, #12N, #12G	20	GA		4.5 A 21....					2C-4
2C-5	Dishwasher	1/2"C, 1#12, #12N, #12G	20	GA	4.2 A 24....						2C-6
2C-7	Living Room Receptacles	1/2"C, 1#12, #12N, #12G	20	A		6.0 A 24....	G	30	1/2"C, 2#10, #10N, #10G	Clothes Dryer	2C-8
2C-9	Kitchen/Living Room Lights	1/2"C, 1#12, #12N, #12G	20	A	0.8 A 38....						2C-10
2C-11	Hood/Microwave	1/2"C, 1#12, #12N, #12G	20	GA		2.1 A 38....	G	30	1/2"C, 2#10, #10N, #10G	Range	2C-12
2C-13	Clothes Washer Receptacle	1/2"C, 1#12, #12N, #12G	20	GA	1.5 A 20....			25	1/2"C, #10, #10G	Blower Coil	2C-14
2C-15	Bathroom	1/2"C, 1#12, #12N, #12G	20			2.6 A 20....					2C-16
2C-17	Bedroom 1	1/2"C, 1#12, #12N, #12G	20	A	7.9 A 11....						2C-18
2C-19	Bedroom 2	1/2"C, 1#12, #12N, #12G	20	A		7.9 A 11....		25	1/2"C, 2#10, #10G	Heat Pump	2C-20
2C-21	Space	--	--	--	--	--	--	--	--	Surge Protection	2C-22
2C-23	Space	--	--	--	--	--	--	--	--	Surge Protection	2C-24

Designation: 2D

Installed Location: 2 Bedroom Unit (2D)

Bus Amps: 100

SCCR/AIC: 22.0 kA

Voltage: 120/208 1PH 3W-1Ph-3W

MCB Amps: MLO

Mains FN/Note: -

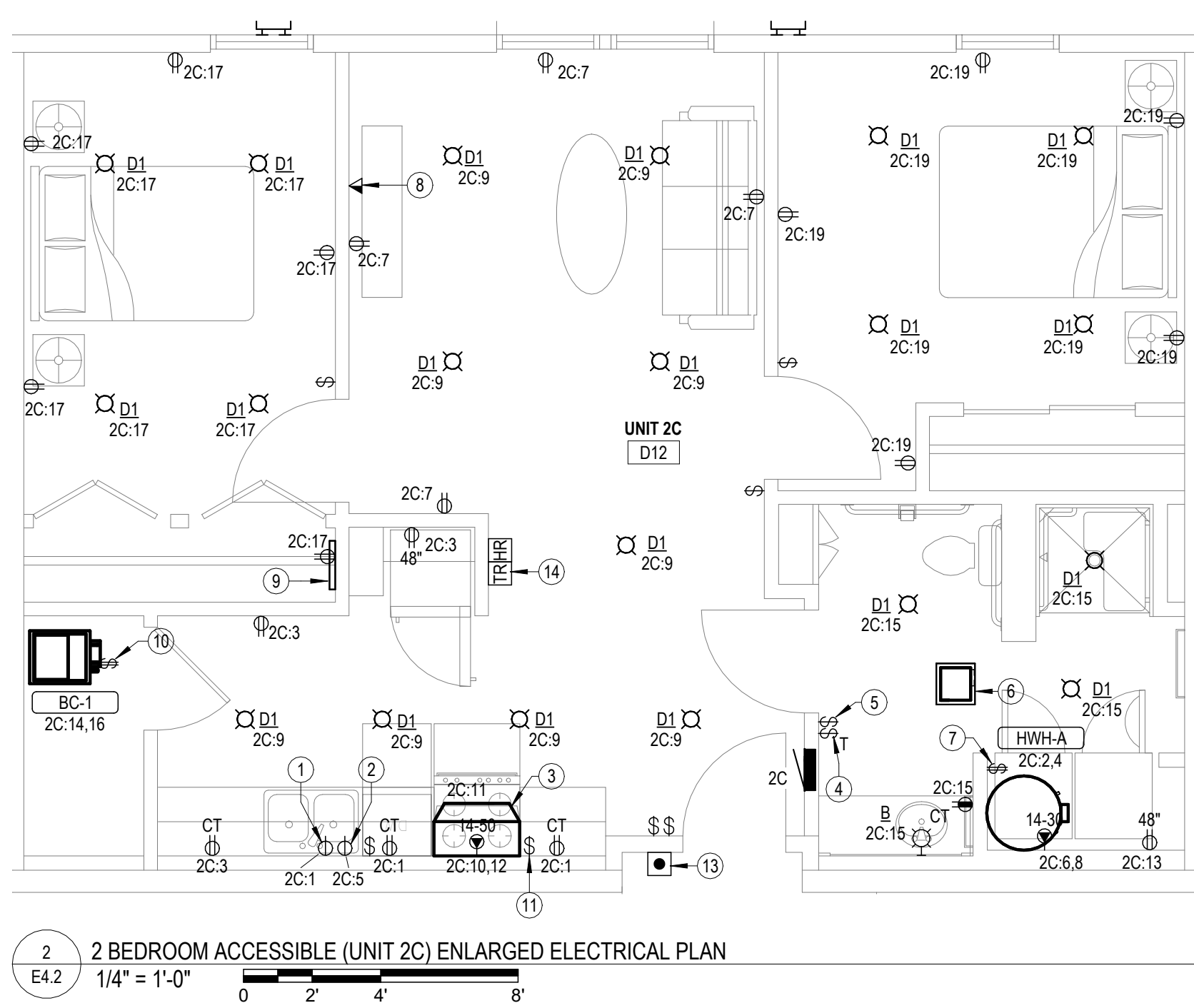
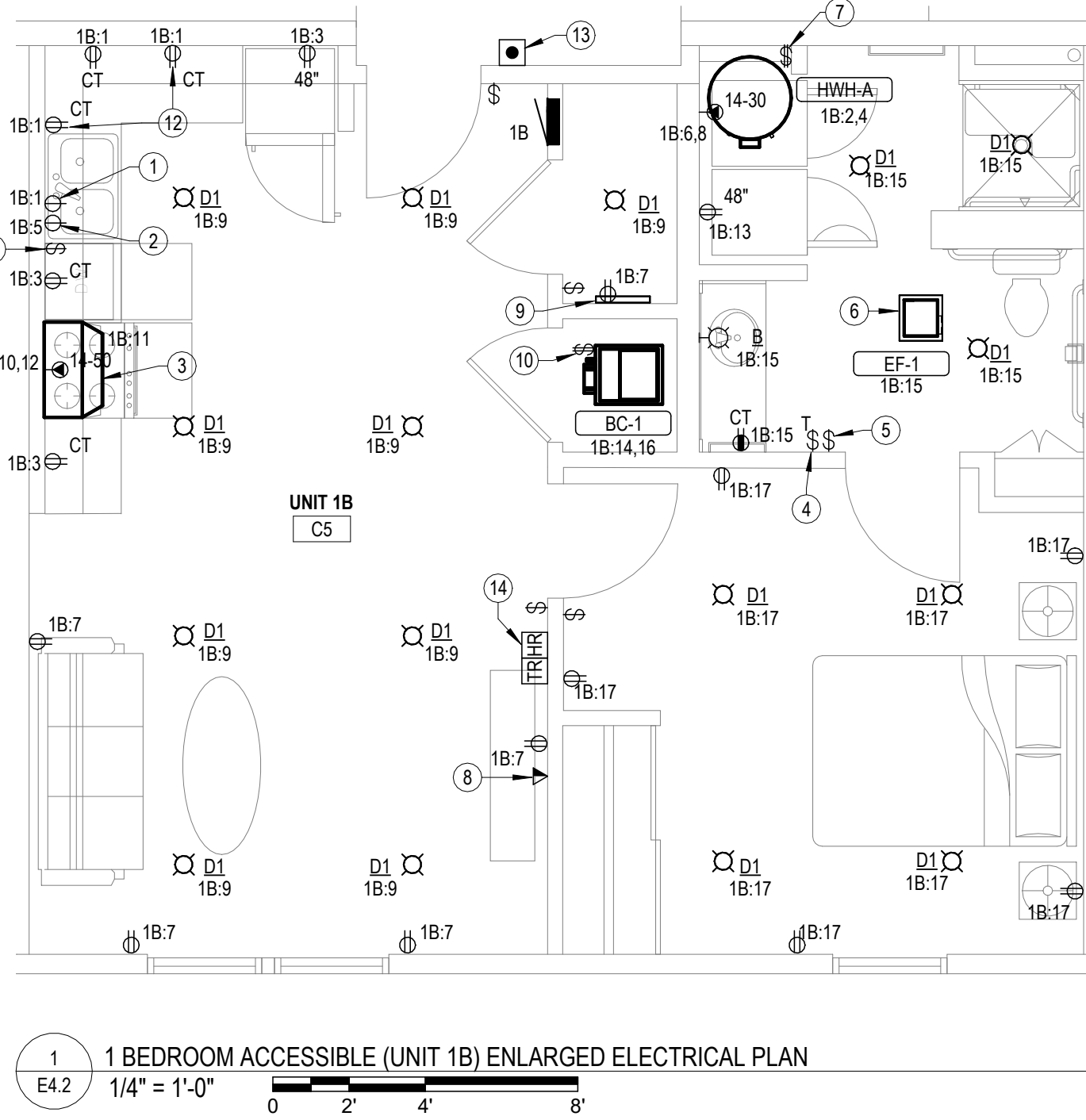
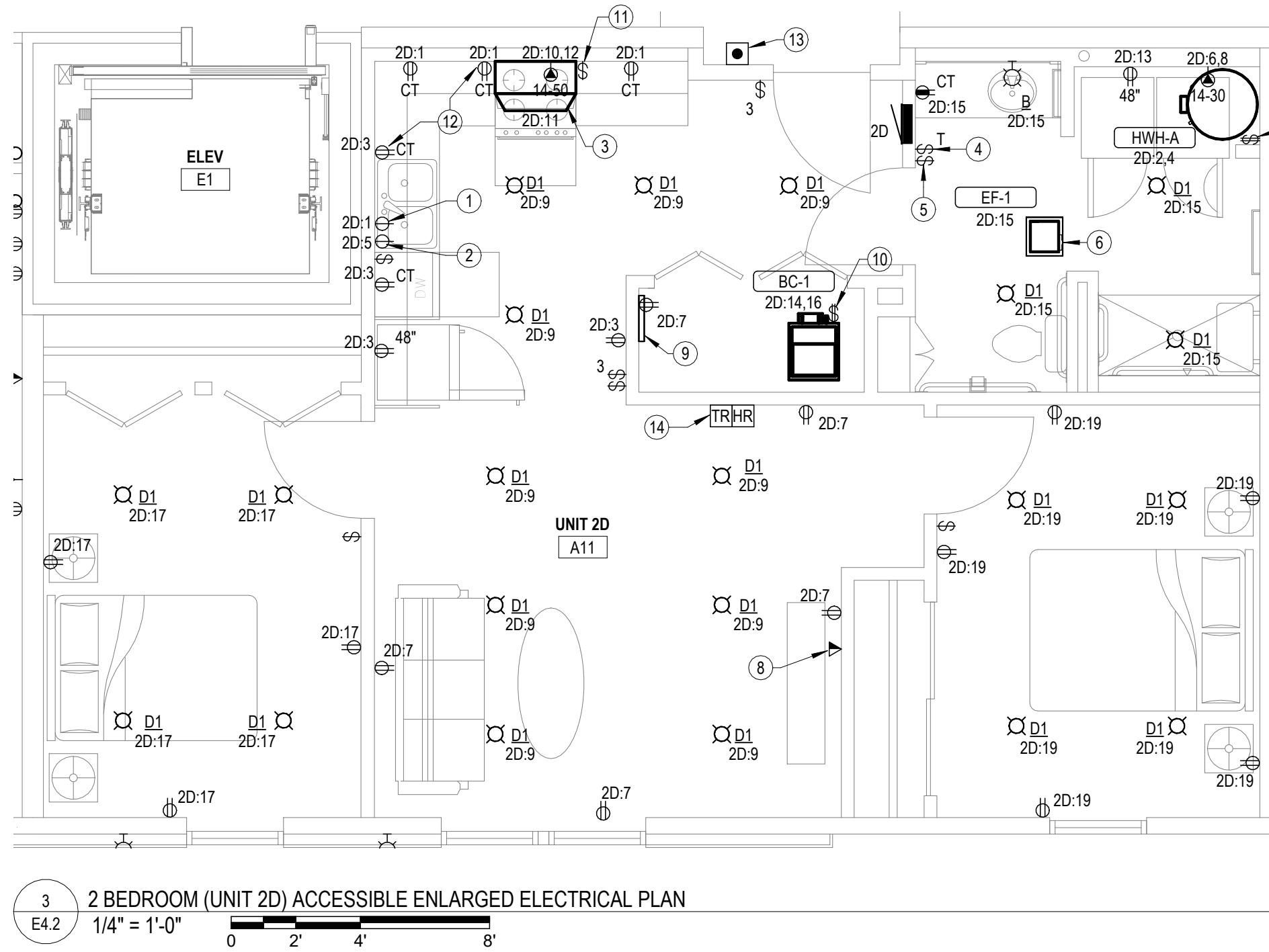
Mounting: Flush

Features & Modifications: PROVIDE SURGE PROTECTION DEVICE

Enclosure: NEMA 1

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
2D-1	Counter Top Receptacles	1/2"C, 1#12, #12N, #12G	20	GA	8.7 A 21....	6.0 A 21....		30	1/2"C, 2#10, #10G	Electric Water Heating	2D-2
2D-3	Counter Top/Kitchen Receptacles	1/2"C, 1#12, #12N, #12G	20	GA							2D-4
2D-5	Dishwasher	1/2"C, 1#12, #12N, #12G	20	GA	4.2 A 24....						2D-6
2D-7	Living Room Receptacles	1/2"C, 1#12, #12N, #12G	20	A		7.5 A 24....					2D-8
2D-9	Kitchen/Living Room Lights	1/2"C, 1#12, #12N, #12G	20	A	0.9 A 38....						2D-10
2D-11	Hood/Microwave	1/2"C, 1#12, #12N, #12G	20	GA		2.1 A 38....					2D-12
2D-13	Clothes Washer Receptacle	1/2"C, 1#12, #12N, #12G	20	GA	1.5 A 20....						2D-14
2D-15	Bedroom	1/2"C, 1#12, #12N, #12G	20			2.6 A 20....		25	1/2"C, 2#10, #10G	Blower Coil	2D-16
2D-17	Bedroom 1	1/2"C, 1#12, #12N, #12G	20	A	4.9 A 11....						2D-18
2D-19	Bedroom 2	1/2"C, 1#12, #12N, #12G	20	A		7.9 A 11....		25	1/2"C, 2#10, #10G	Heat Pump	2D-20
2D-21	Space	--	--	--	--	--	--	--	--	Surge Protection	2D-22
2D-23	Space	--	--	--	--	--	--	--	--	Surge Protection	2D-24

Breaker Function Schedule	
A	Arc-Fault Interrupter (AFCI) Protection
AG	Combination Arc and Ground Fault Circuit Interrupter Protection
G	Ground-Fault Circuit Interrupter (GFCI) Protection (5 mA)
L	Provide breaker with lock-on clip



- NOTES BY SYMBOL**
- 1 SWITCHED RECEPTACLE BELOW COUNTER FOR GARBAGE DISPOSAL. COORDINATE EXACT LOCATION OF SWITCH WITH ARCHITECT.
 - 2 PROVIDE RECEPTACLE BELOW COUNTER FOR CORD AND PLUG CONNECTION OF DISHWASHER. PROVIDE CORD AND GROUNDING PLUG AS REQUIRED.
 - 3 PROVIDE 120V CONNECTION TO RANGE HOOD/MICROWAVE. STANDARD AND ADAPTABLE UNITS WILL HAVE MICROWAVE ABOVE RANGE. ACCESSIBLE UNITS WILL HAVE RANGE HOOD. COORDINATE EXACT ELECTRICAL ROUGH-IN REQUIREMENTS WITH EQUIPMENT PROVIDED. IF EQUIPMENT IS CORD AND PLUG, PROVIDE RECEPTACLE INSIDE CABINET ABOVE RANGE.
 - 4 PROVIDE TIMER SWITCH EQUAL TO AIR CYCLER 'SMART EXHAUST' FOR CONTROL OF EXHAUST FAN. SET SWITCH PER MANUFACTURER'S INSTRUCTIONS TO OPERATE FAN AS INDICATED BELOW:
1 BEDROOM: 35 MINUTES PER HOUR
2 BEDROOM: 54 MINUTES PER HOUR
NOTE: CONTRACTOR MAY OMIT TIMER SWITCH IN 2 BEDROOM UNITS AND WIRE EXHAUST FAN FOR CONTINUOUS OPERATION.
 - 5 SWITCH CLOSEST TO DOOR SHALL CONTROL ALL LIGHTS IN BATHROOM, AND THE OTHER SWITCH SHALL CONTROL THE EXHAUST FAN.
 - 6 CONNECT EXHAUST FANLIGHT PROVIDED BY MECHANICAL CONTRACTOR.
 - 7 PROVIDE 30A/2P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
 - 8 COORDINATE FINAL LOCATIONS OF ALL CATV AND PHONE OUTLETS WITH OWNER.
 - 9 TELECOM DISTRIBUTION DEVICE APPROXIMATELY 4'-0" AFF. COORDINATE EXACT REQUIREMENTS WITH UTILITY PROVIDER SELECTED BY OWNER.
 - 10 PROVIDE 30A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE. HUBBELL #HBL7832D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 11 PROVIDE SWITCH IN ACCESSIBLE UNITS FOR CONTROL OF RANGE HOOD
 - 12 IN ACCESSIBLE UNITS, INSTALL COUNTERTOP RECEPTACLES A MINIMUM 36" AWAY FROM CORNER PER FAIR HOUSING ACT DESIGN MANUAL CHAPTER 5 'SIDE REACH OVER AN OBSTRUCTION' REQUIREMENTS. WHERE AN OBSTRUCTION PREVENTS 36" DISTANCE REQUIREMENT, INSTALL RECEPTACLE AS FAR FROM CORNER AS POSSIBLE. PROVIDE ADDITIONAL OUTLETS WITHIN 36" OF CORNER TO ENSURE COMPLIANCE WITH NEC PAGING REQUIREMENTS.
 - 13 PROVIDE PUSH BUTTON AT 48" AFF FOR ANNUNCIATOR SYSTEM AT ALL ACCESSIBLE APARTMENTS AND ALSO AT APARTMENTS DESIGNATED FOR HEARING-IMPAIRED. REFER TO ARCH DRAWINGS FOR APPLICABLE ROOMS.