ELECTRICAL SYMBOL LEGEND (ANSI Y32.9 / NECA 100 STYLE)

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE, 15/20A 125V, +16" AFF U.N.O.
WP	WEATHER-RESISTANT, WP IN-USE COVER (WR/WP)
GFCI	GFCI RECEPTACLE (DF BREAKER ALSO PROVIDES GFCI - SEE GN 2)
S	SINGLE-POLE SWITCH, +48" AFF
S_3	3-WAY SWITCH
3W	3-WAY PAIR TAG
	CEILING FAN (14/3 FAN + LIGHT)
	RECESSED LIGHT
	SURFACE / CEILING LIGHT
	VANITY LIGHT ABOVE MIRROR - ALL BATH LIGHTING IS VANITY ONLY, NO BATH CEILING LIGHTS
SD	SMOKE ALARM, 120V INTERCONNECTED
CO	CARBON MONOXIDE ALARM
J	JUNCTION BOX
	LOAD CENTER (SN3048L1200)
SN-16	HOME RUN TO PANEL - TAG = PANEL-CIRCUIT
	NM CABLE THROUGH ATTIC / CEILING (SOLID)
	NM CABLE IN WALL, SAME-WALL BOX TO BOX THRU STUDS (DASHED)
	1-1/4" SCH 40 PVC UNDER SLAB, BURIED 18"-36" (2 X 10/2 UF W/G)
	SWITCH LEG (TRACED ON ARCHITECT ARC)
	CONDUCTOR TICKS: 3 = 14/3 (+GND)
1	KEYED NOTE

GENERAL NOTES

1. CODE BASIS: NFPA 70 NEC 2023 AS ADOPTED BY FBC 8TH EDITION (2023) - RESIDENTIAL. MARION COUNTY / AHJ AMENDMENTS GOVERN.
2. ALL 15A/20A 120V BRANCH CIRCUITS ON SIEMENS DUAL-FUNCTION (CAFCI + 5MA GFCI) PLUG-ON-NEUTRAL BREAKERS, Q115DFN / Q120DFN, WHERE REQUIRED BY 210.8 AND 210.12. RANGE: QF240A + DRYER: Q230GF 2-POLE GFCI (210.8(A)). AC CONDENSER: STANDARD 2-POLE, NO GFCI.
3. WIRING: TYPE NM-B COPPER PER ARTICLE 334, SECURED/SUPPORTED PER 334.30, PROTECTED PER 300.4. CMU WALLS FURRED - WIRE AS STUD WALLS. HOME RUNS AND ALL 240V CIRCUITS RUN DIAGONALLY ACROSS ATTIC TRUSSES (NM PERMITTED). WITHIN 6 FT OF THE ATTIC SCUTTLE, PROTECT NM WITH GUARD STRIPS OR RUN THROUGH BORED HOLES (NEC 334.23 / 320.23). 14 AWG = 15A, 12 AWG = 20A.
4. UNDER-SLAB: TWO 3/4" SCH 40 PVC, J1 (RANGE WALL) TO JI (ISLAND BASE), 18"-36" BELOW SLAB, ONE 12/2 UF W/G EACH (SN-2, SN-6). SEPARATE RACEWAYS = NO 310.15(C)(1) DERATE (2 CABLES IN ONE PVC = 4 CCC, 80% x 20A = 16A < 20A - NOT ALLOWED WITH 12/2). CONDUIT MUST BE SET AND INSPECTED BEFORE THE SLAB POUR - COORDINATE WITH BUILDER.
5. VERIFY ALL EQUIPMENT NAMEPLATES BEFORE ROUGH-IN: AHU AND CONDENSER MOCP (HOLDING 30A 2P 10/2 AND 20A 2P 12/2), DISHWASHER, DISPOSAL AND HOOD ON SN-6 (ONE 20A), ISLAND RCPTS ON SN-2 (210.52(B)), RANGE 40A 2P GFCI 8/3, DRYER 30A 2P 10/3, WATER HEATER 30A 2P 10/2.
6. THIS SET: 3131 W EUNICE DR. PANEL SN INSIDE WEST GARAGE WALL, BACK-TO-BACK WITH METER-MAIN ON WEST EXTERIOR WALL (VERIFY METER LOCATION WITH BUILDER/UTILITY).
7. HOME RUN ARROWS SHOW LANDING BOX; TAG = PANEL-CIRCUIT (SN-16). PANEL ON WEST GARAGE WALL.
8. CIRCUIT NUMBER = SIEMENS SN3048L1200 SPACE NUMBER. FOOTAGE (LEAN): HOME RUN, DROPS, 0.5 FT PLATE + 0.5 FT SLACK/END, 2 FT PANEL MAKEUP, 5% WASTE.
9. DEVICE LOCATIONS PER ARCHITECT PLAN (ARCIDYNAMICS). SMOKE/CO ALARMS 120V INTERCONNECTED WITH BATTERY BACKUP (14/3).

SHEET INDEX

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SHEET	TITLE
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E-3.10	CIRCUIT SN-14 - GARAGE RCPTS, DOOR OPENER, IRRIGATION
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E-3.12	CIRCUIT SN-17 - AC CONDENSER (OUTDOOR)
E-3.13	CIRCUIT SN-18 - BED 3, HALL, FRONT ENTRY, SMOKE/CO
E-3.14	CIRCUIT SN-20 - KITCHEN/FAMILY/DINING/GARAGE LIGHTS
E-3.15	CIRCUIT SN-22 - MASTER SUITE + MASTER BATH/WC LIGHTS

FOOTAGE SUMMARY (FT, HOME RUN INCL., LEAN +5%)

CABLE / RACEWAY	v12b	v13	CHANGE
14/2	1050	1225	175
14/3	262	231	-31
12/2	491	506	15
10/2	76	65	-11
10/3	51	40	-11
8/3	59	50	-9
PVC 3#12	40	0	-40
12/2 UF	0	30	30
PVC 3/4 (UF)	0	30	30
STEEL NAIL PLATES (300.4)		191 EA	NEW

STEEL NAIL PLATES 1-1/2 X 3 IN. (300.4(A)): 142 TOP-PLATE DROPS + 30 BORED STUDS ON BOX-TO-BOX CHAINS (16 IN. O.C. + CORNERS) + 1 BOTTOM PLATE + 18 SPARE (10%) = 191 EA.

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ELECTRICAL CONTRACTOR EC13013924
CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS
NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE
LEGEND, GENERAL NOTES & SHEET INDEX

SCALE
NONE

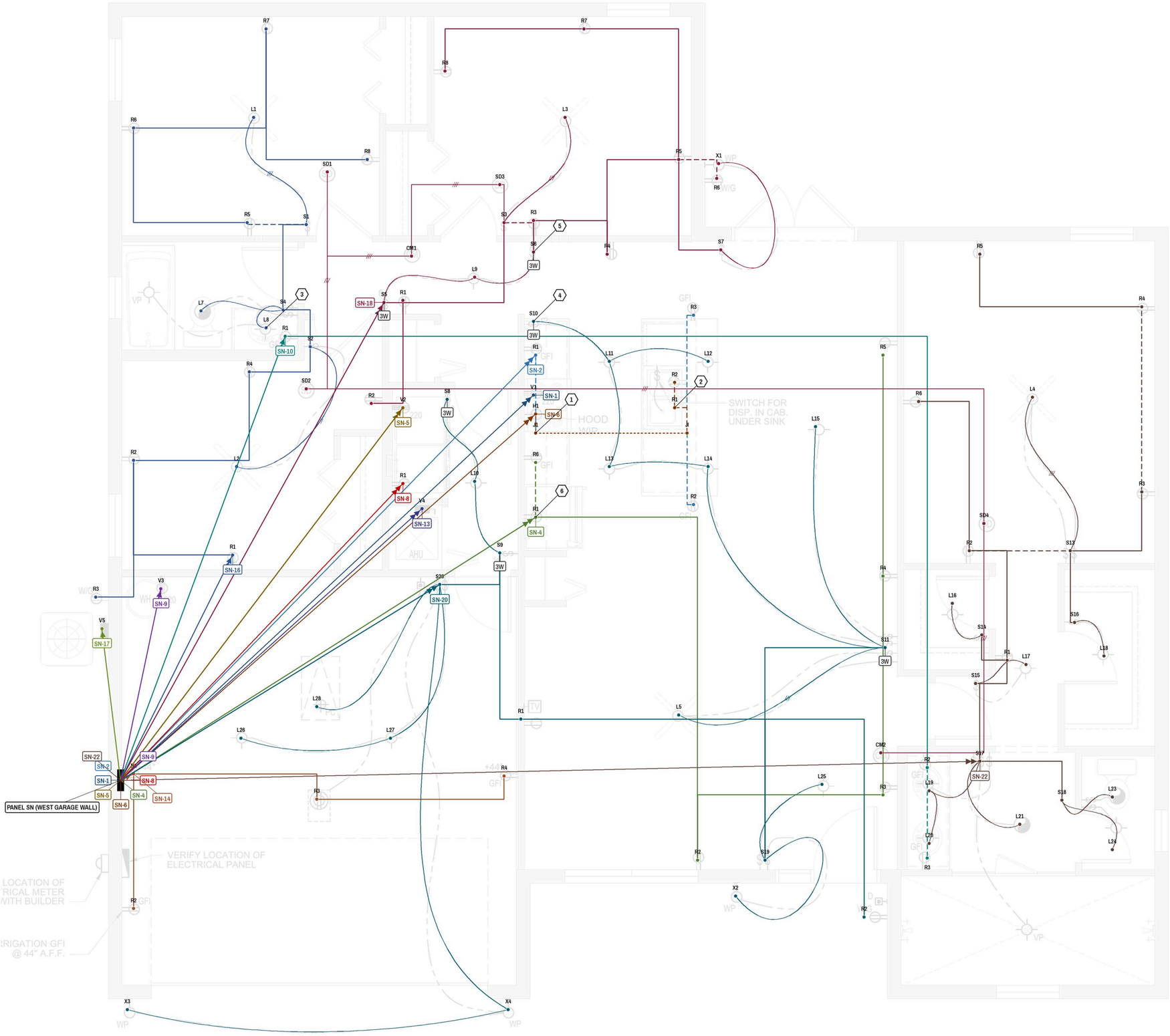
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2026-10-29

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SHEET
E-0



CIRCUIT LEGEND (PANEL SN)

SN-1	40A 2P 8/3 - RANGE
SN-2	20A 1P 12/2 - Kitchen SA #2 - back-wall counter + island
SN-4	20A 1P 12/2 - Kitchen SA #1 - back-wall counter, fridge,
SN-5	30A 2P 10/3 - DRYER
SN-6	20A 1P 12/2 - DW + disposal + hood
SN-8	20A 1P 12/2 - LAUNDRY RECEPTACLE
SN-9	30A 2P 10/2 - WATER HEATER
SN-10	20A 1P 12/2 - Bath 2 + master bath receptacles
SN-13	30A 2P 10/2 - AIR HANDLER (AHU)
SN-14	20A 1P 12/2 - GARAGE RCPTS, DOOR OPENER, IRRIGATION
SN-16	15A 1P 14/2 - WEST BEDROOMS + BATH 2 LIGHTS
SN-17	20A 2P 12/2 - AC CONDENSER (OUTDOOR)
SN-18	15A 1P 14/2 - BED 3, HALL, FRONT ENTRY, SMOKE/CO
SN-20	15A 1P 14/2 - KITCHEN/FAMILY/DINING/GARAGE LIGHTS
SN-22	15A 1P 14/2 - MASTER SUITE + MASTER BATH/WC LIGHTS

KEYED NOTES

1. TWO 3/4" SCH 40 PVC BURIED 18"-36" BELOW SLAB, J1 > JI, ONE 12/2 UF W/G EACH (SN-2 ISLAND RCPTS, SN-6 DW/DISP). 12/2 NM TO J1, SPLICE TO UF; BACK TO 12/2 NM AT JI. ONE CABLE PER PVC - NO DERATE; FILL 1 CABLE (~0.41 IN MAJOR DIA = 0.13 IN2) < 53% X 0.533 = 0.28 IN2 OK. SET BEFORE POUR.
2. DISHWASHER RECEPTACLE LOCATION ASSUMED - VERIFY WITH CABINET LAYOUT.
3. VANITY LIGHT - BOX IS A BAR LIGHT BOX ABOVE MIRROR (TYP. L8, L19, L20).
4. 3-WAY KITCHEN LIGHTS S11 (FAMILY) <-> S10 (KITCHEN); 3-WAY HALL S9 <-> S8.
5. 3-WAY HALL S5 <-> S6, 14/3 TRAVELERS.
6. REFRIGERATOR (SN-4 R1) ON SN-4 SMALL-APPLIANCE CIRCUIT (210.52(B)).

NOTES

SEE E-0 FOR SYMBOL LEGEND AND GENERAL NOTES.
SEE E-2 FOR PANEL SCHEDULE (SN = SIEMENS SN3048L1200).
SEE E-3.x FOR EACH CIRCUIT: RUN SCHEDULE AND FOOTAGE.
PANEL ON WEST GARAGE WALL, BACK-TO-BACK WITH WEST METER-MAIN.

1 BRANCH CIRCUIT PLAN - ALL CIRCUITS

SCALE: NTS (APPROX 1/8" = 1'-0" AT 36x48) NORTH: PER ARCHITECT

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Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE
BRANCH CIRCUIT PLAN - ALL CIRCUITS

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
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SHEET
E-1

PANEL SCHEDULE - PANEL "SN"

SIEMENS SN3048L1200

PANEL	SN (DWELLING LOAD CENTER)	**VOLTS**	120/240V 1PH 3W
MODEL	SIEMENS SN3048L1200 (PLUG-ON NEUTRAL)	**MAINS**	200A MAIN LUGS
SPACES	30 (48 CKT MAX)	**MAIN OCPD**	200A IN SIEMENS MM0202B1200 METER-MAIN
BUS	200A ALUMINUM	**AIC**	100 KAIC ML RATING; BREAKERS 10/22 KAIC - VERIFY
MOUNTING	SURFACE, FURRED CMU, NEMA 1	**LOCATION**	GARAGE WEST WALL

CKT	DESCRIPTION	WIRE	CAT. NO.	TRIP	P	LOAD VA	PH A	PH B	LOAD VA	P	TRIP	CAT. NO.	WIRE	DESCRIPTION	CKT
1	RANGE	8/3	QF240A	40	2	6,000	7,500		1,500	1	20	Q120DFN	12/2	Kitchen SA #2 - back-wall counter + island	2
3	(2ND POLE - COMMON TRIP)					6,000		7,500	1,500	1	20	Q120DFN	12/2	Kitchen SA #1 - back-wall counter, fridge, nook/	4
5	DRYER	10/3	Q230GF	30	2	2,500	4,684		2,184	1	20	Q120DFN	12/2	DW + disposal + hood	6
7	(2ND POLE - COMMON TRIP)					2,500		4,000	1,500	1	20	Q120DFN	12/2	LAUNDRY RECEPTACLE	8
9	WATER HEATER	10/2	Q230	30	2	2,250	3,750		1,500	1	20	Q120DFN	12/2	Bath 2 + master bath receptacles	10
11	(2ND POLE - COMMON TRIP)					2,250		2,250						SPACE	12
13	AIR HANDLER (AHU)	10/2	Q230	30	2	2,860	4,576		1,716	1	20	Q120DFN	12/2	GARAGE RCPTS, DOOR OPENER, IRRIGATION	14
15	(2ND POLE - COMMON TRIP)					2,860		4,108	1,248	1	15	Q115DFN	14/2	WEST BEDROOMS + BATH 2 LIGHTS	16
17	AC CONDENSER (OUTDOOR)	12/2	Q220	20	2	1,800	3,026		1,226	1	15	Q115DFN	14/2	BED 3, HALL, FRONT ENTRY, SMOKE/CO	18
19	(2ND POLE - COMMON TRIP)					1,800		2,962	1,162	1	15	Q115DFN	14/2	KITCHEN/FAMILY/DINING/GARAGE LIGHTS	20
21	SPACE						1,347		1,347	1	15	Q115DFN	14/2	MASTER SUITE + MASTER BATH/WC LIGHTS	22
23	SPACE							0						SPACE	24
25	SPACE						0							SPACE	26
27	SPACE							0						SPACE	28
29	SPACE						0							SPACE	30
PHASE TOTALS - CONNECTED VA							**24,883**	**20,820**	**CONNECTED VA: A 24,883 / B 20,820 / TOTAL 45,703 - BALANCE 16.3%. SERVICE LOAD PER 220.82 CALC.**						

CONNECTED LOAD SUMMARY

LOAD CATEGORY	CIRCUITS	VA
LIGHTING	SN-16, SN-18, SN-20, SN-22	4,983
GENERAL RECEPTACLES	SN-8, SN-10, SN-14	4,716
SMALL APPLIANCE (KITCHEN)	SN-2, SN-4	3,000
APPLIANCES (RANGE/DRYER/WH/DW)	SN-1, SN-5, SN-6, SN-9	23,684
HVAC (AHU/CONDENSER)	SN-13, SN-17	9,320
TOTAL CONNECTED		45,703

SPACES

ITEM	VALUE
USED	20 SPACES
SPARE	10 SPACES (12, 21, 23, 24, 25, 26, 27, 28, 29, 30)
2-POLE	1/3, 5/7, 9/11, 13/15, 17/19
PHASING	ROWS ALTERNATE A / B

DWELLING LOAD CALCULATION - NEC 2023 220.82 (OPTIONAL METHOD)

NO	LOAD	NEC	VA	BASIS
1	GENERAL LIGHTING/RCPTS: 1,661 FT2 x 3 VA	220.82(B)(1)	4,983	PLANS: LIVING AREA
2	SMALL-APPLIANCE CKTS SN-2, SN-4: 2 x 1,500 VA	220.82(B)(2)	3,000	CODE
3	LAUNDRY CKT SN-8: 1 x 1,500 VA	220.82(B)(2)	1,500	CODE
4	RANGE (SN-1) 12.0 KW	220.82(B)(3)	12,000	ASSUMED
5	DRYER (SN-5) 5.0 KW	220.82(B)(3)	5,000	ASSUMED
6	WATER HEATER (SN-9) 4.5 KW	220.82(B)(3)	4,500	ASSUMED
7	DISHWASHER (SN-6)	220.82(B)(3)	1,200	ASSUMED
8	DISPOSAL 1/3 HP, 7.2 A (SN-6)	220.82(B)(4)	864	ASSUMED
9	RANGE HOOD FAN (SN-6)	220.82(B)(3)	120	ASSUMED
10	OVER-RANGE MICROWAVE (IF INSTALLED)	220.82(B)(3)	1,500	ASSUMED
11	GARAGE DOOR OPENER 1/2 HP, 9.8 A (SN-14)	220.82(B)(4)	1,176	ASSUMED
	TOTAL GENERAL LOAD (LINES 1-11)		35,843	

DEMAND (220.82(B) + (C))	VA / A
FIRST 10,000 VA OF GENERAL LOAD @ 100%	10,000
REMAINDER 25,843 VA @ 40%	10,337
GENERAL LOAD AFTER DEMAND	20,337
AC: CONDENSER 3,600 (15 A MCA) + AHU BLOWER 720 @ 100%	4,320
HEAT: HP COMPRESSOR 3,600 @ 100% + 5 KW STRIP @ 65%	6,850
+ AHU BLOWER 720 @ 100% (220.82(C)(3))	720
LARGER OF HEAT / AC (HEAT 7,570 > AC 4,320)	7,570
TOTAL CALCULATED LOAD	27,907 VA
SERVICE LOAD @ 240 V	116.3 A
SERVICE / PANEL RATING	200 A
RESULT	ADEQUATE (58% OF 200 A)

ASSUMED = STANDARD VALUE, NO NAMEPLATE ON PLANS. VERIFY AT ROUGH-IN; RECALCULATE IF RANGE, DRYER, WH, AHU STRIP OR CONDENSER MCA DIFFER.

AREA: ARCHITECTURAL AREA TABULATION, 1ST FLOOR LIVING 1,661 FT2 (ENTRY 94, GARAGE 394, PATIO 94 FT2 EXCLUDED PER 220.82(B)(1)).

200 A SIEMENS MM0202B1200 METER-MAIN AND 200 A SN3048L1200 PANEL ARE ADEQUATE FOR 116.3 A CALCULATED LOAD.

SCHEDULE NOTES

1. CIRCUIT NUMBER = PHYSICAL SPACE NUMBER: ODD 1-29 LEFT, EVEN 2-30 RIGHT. 2-POLE BREAKERS USE TWO ADJACENT SPACES, COMMON TRIP (BAR SHOWN).
2. Q115DFN / Q120DFN = SIEMENS DUAL-FUNCTION CAFCI/GFCI PLUG-ON NEUTRAL. Q2XX = STANDARD QP 2-POLE. QF240A (RANGE) / Q230GF (DRYER) = 2-POLE GFCI, PIGTAIL NEUTRAL.
3. SN-2 (BACK-WALL G1 + ISLAND G3/G4) AND SN-6 (DW, DISPOSAL UNSWITCHED, HOOD): EACH ONE 12/2 UF IN ITS OWN 3/4" PVC UNDER SLAB. SN-4 = BACK-WALL COUNTER/FRIDGE/NOOK. SN-12 SPARE (MASTER BATH ON SN-10). OPEN: AHU (13/15) AND CONDENSER (17/19) BREAKER AND WIRE PER NAMEPLATE MOCP. SN-6 DW + DISPOSAL + HOOD - VERIFY NAMEP
4. LOAD VA MATCH THE 220.82 CALC ABOVE: LIGHTING CIRCUITS SHARE 3 VA/FT2; RECEPTACLES 180 VA EACH; SA/LAUNDRY 1,500 VA; FIXED APPLIANCES AS LISTED.

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PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR

DUNNELLON, FL 34433

PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS

PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION

220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

PANEL SCHEDULE - SN

SCALE

NONE

DATE

2026-10-29

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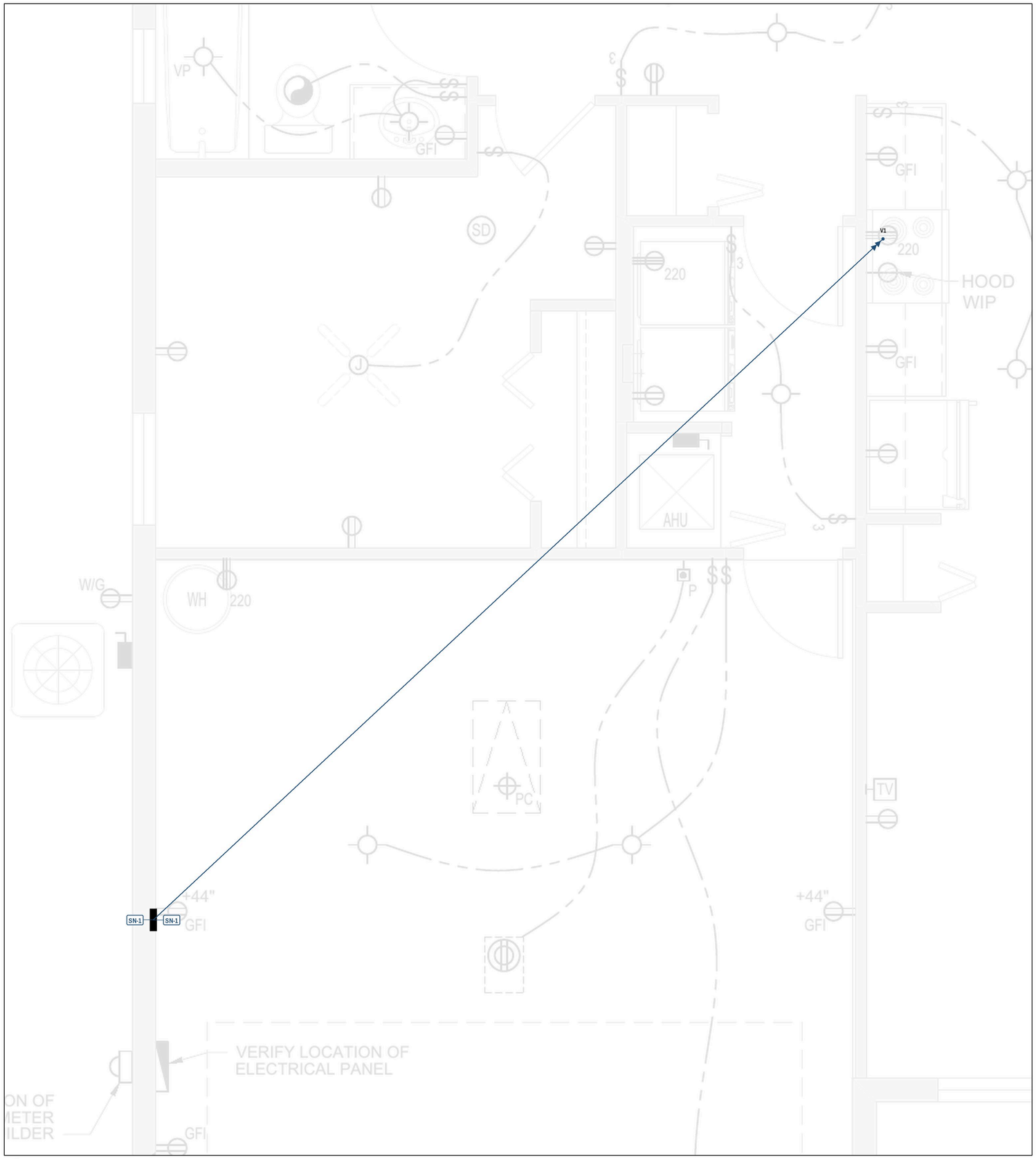
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SHEET

E-2

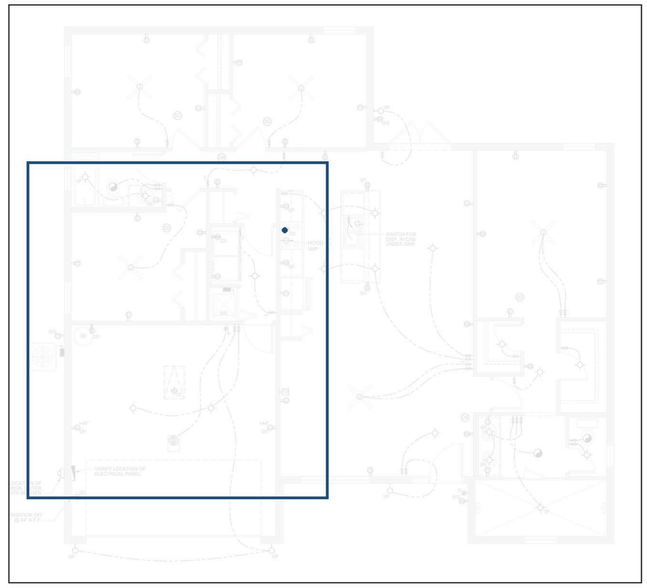
3 OF 18



1 **CIRCUIT SN-1 - RANGE**

SCALE: NTS | 40A 2P SIEMENS QF240A, 8/3 | PANEL SPACE 1/3

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
-	PANEL	V1	HOME RUN	8/3	42

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
8/3	59	50	-9

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO V1, 42 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE
CIRCUIT SN-1 - RANGE

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

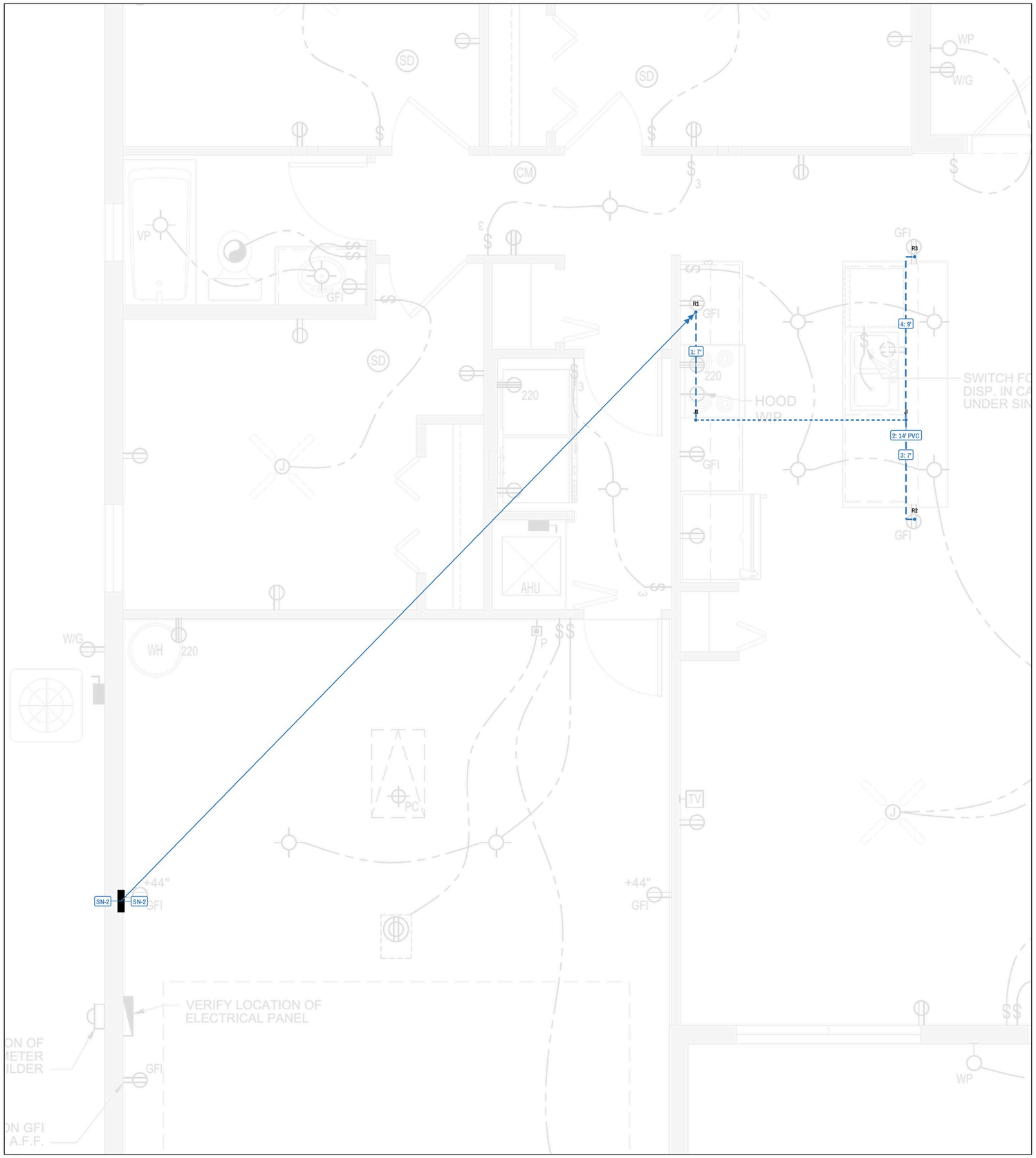
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SHEET

E-3.1



1 CIRCUIT SN-2 - Kitchen SA #2 - back-wall counter + island

SCALE: NTS | 20A 1P SIEMENS Q120DFN, 12/2 | PANEL SPACE 2

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	R1	J1	IN-WALL	12/2	7.2
2	J1	JI	UNDER SLAB	12/2 UF	14.2
3	JI	R2	IN-WALL	12/2	7.2
4	JI	R3	IN-WALL	12/2	9.4

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
12/2	58	68	10
12/2 UF	0	15	15
PVC 3/4 (UF)	0	15	15

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO R1, 41 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-2 - Kitchen
SA #2 - back-wall
counter + island

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

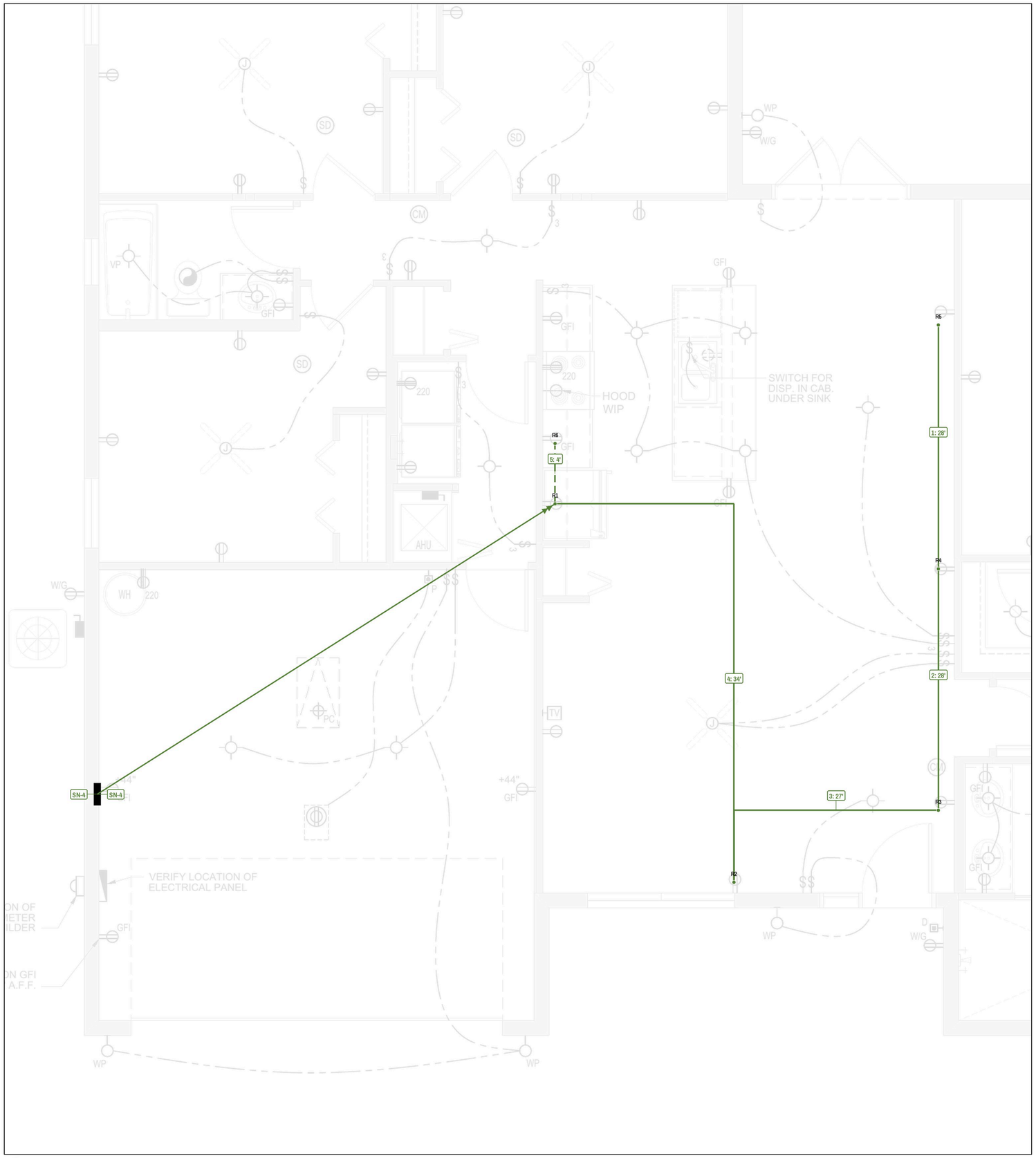
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SHEET

E-3.2



1 CIRCUIT SN-4 - Kitchen SA #1 - back-wall counter, fridge, nook/dining

SCALE: NTS | 20A 1P SIEMENS Q120DFN, 12/2 | PANEL SPACE 4

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	R5	R4	ATTIC	12/2	28.5
2	R4	R3	ATTIC	12/2	28.4
3	R3	R2	ATTIC	12/2	27.3
4	R2	R1	ATTIC	12/2	33.5
5	R1	R6	IN-WALL	12/2	3.6

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
12/2	110	165	55
PVC 3#12	40	0	-40

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO R1, 36 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

ELECTRICAL POWER DESIGN PREPARED BY:

SHARMA ELECTRIC & HVAC

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6117 ARBOR WATCH LOOP, ORLANDO, FL 32829
407-881-9076 | OFFICE@SHARMAELECTRIC.COM
ELECTRICAL CONTRACTOR EC13013924
CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-4 - Kitchen SA #1 - back-wall counter, fridge, nook/dining

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

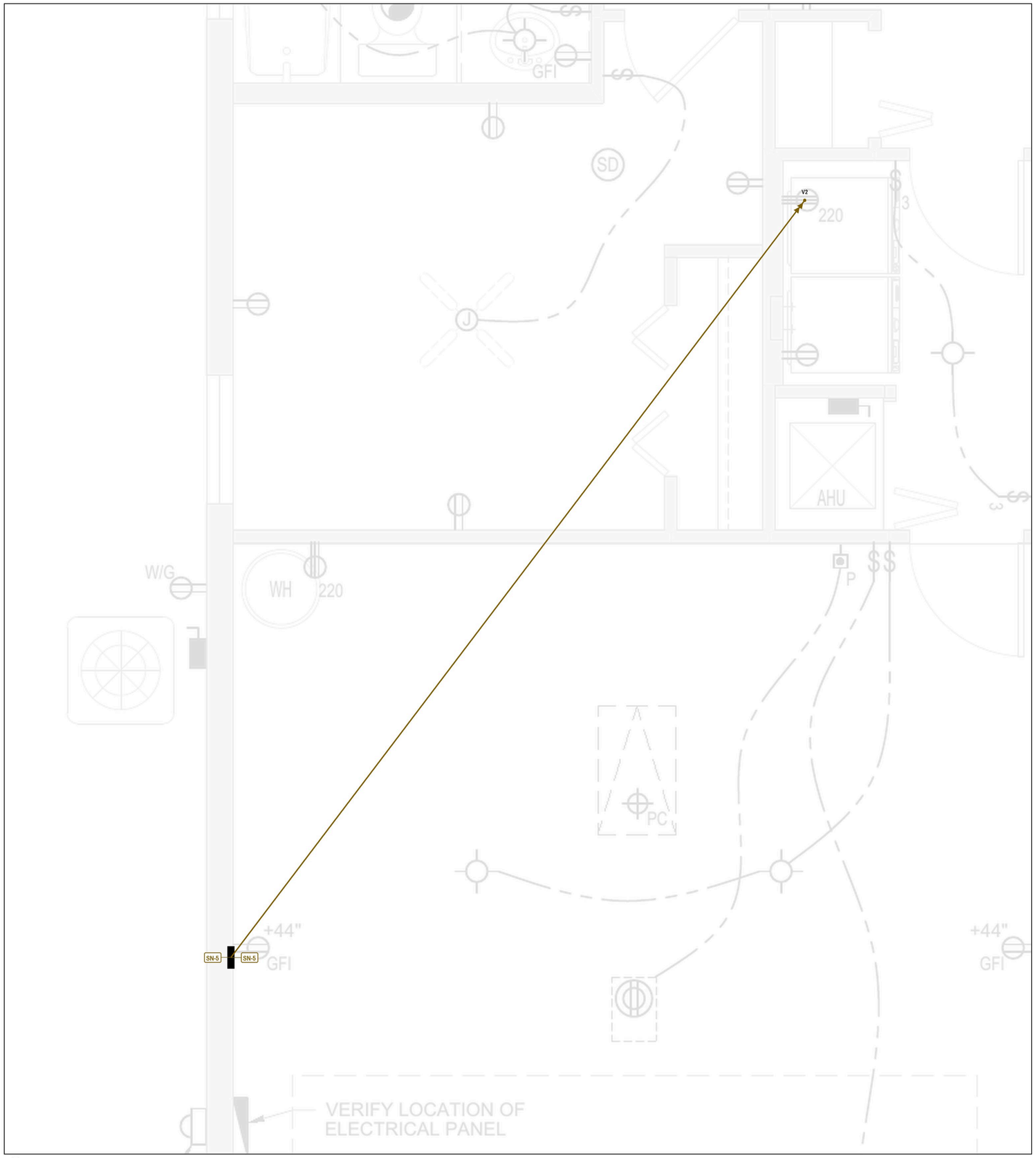
ELECTRICAL CONTRACTOR EC13013924 | CERTIFIED AIR CONTRACTOR CAC1823596

NOT FOR CONSTRUCTION

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SHEET

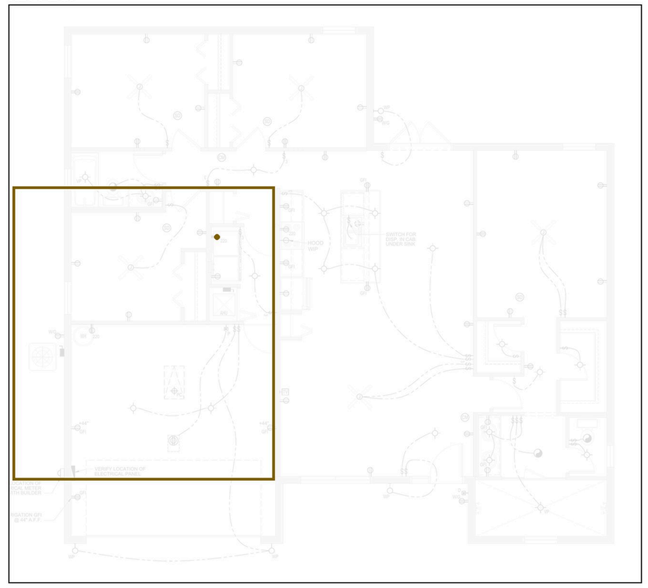
E-3.3



1 CIRCUIT SN-5 - DRYER

SCALE: NTS | 30A 2P SIEMENS Q230GF, 10/3 | PANEL SPACE 5/7

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
-	PANEL	V2	HOME RUN	10/3	37

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
10/3	51	40	-11

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO V2, 37 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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ELECTRICAL CONTRACTOR EC13013924
CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE
CIRCUIT SN-5 - DRYER

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

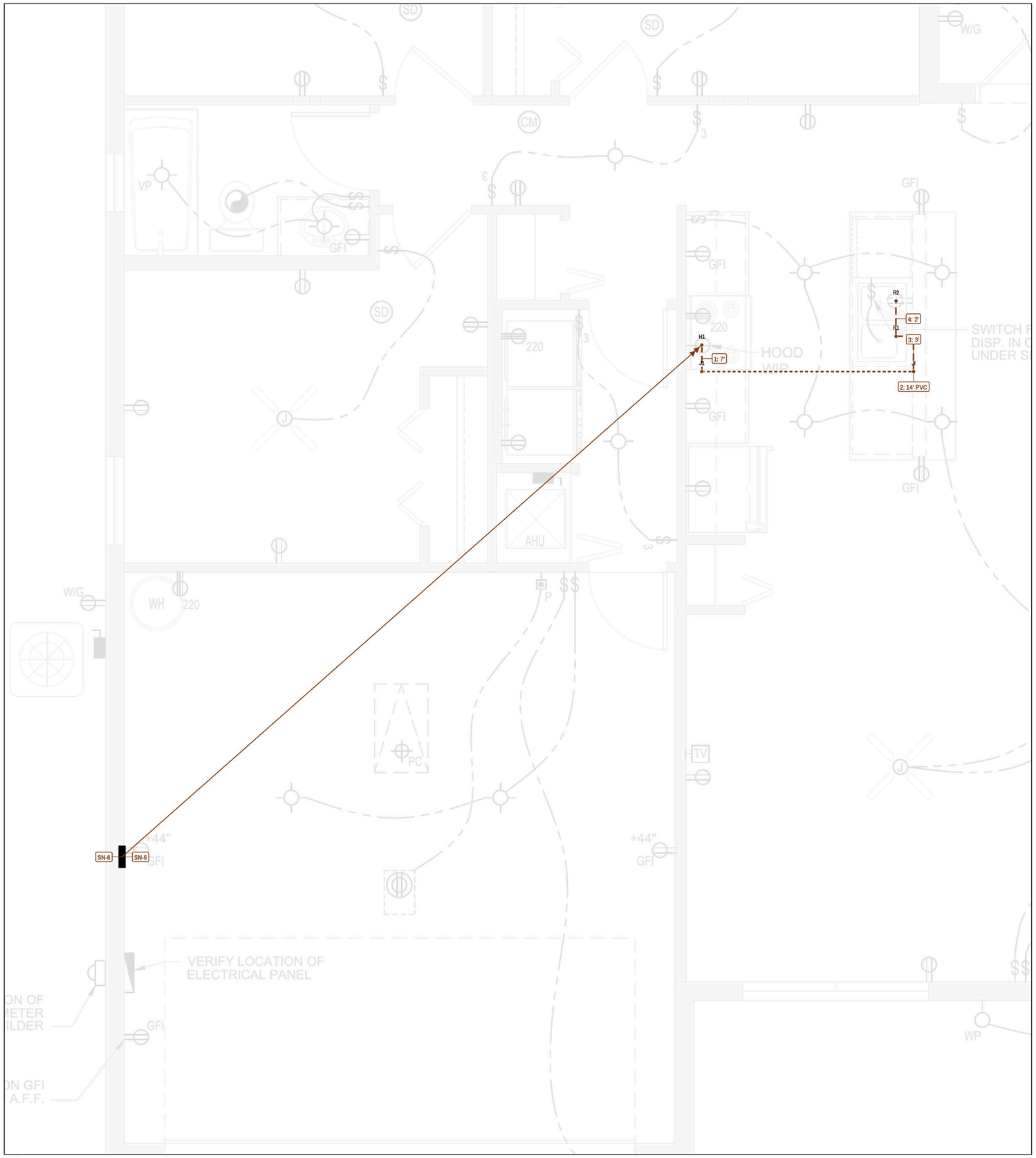
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SHEET

E-3.4



1 CIRCUIT SN-6 - DW + disposal + hood

SCALE: NTS | 20A 1P SIEMENS Q120DFN, 12/2 | PANEL SPACE 6

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	H1	J1	IN-WALL	12/2	7.1
2	J1	JI	UNDER SLAB	12/2 UF	14.2
3	JI	R1	IN-WALL	12/2	2.8
4	R1	R2	IN-WALL	12/2	2.4

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
12/2	73	51	-22
12/2 UF	0	15	15
PVC 3/4 (UF)	0	15	15

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO H1, 36 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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PROJECT

ADDRESS

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DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

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SHEET

TITLE

CIRCUIT SN-6 - DW + disposal + hood

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

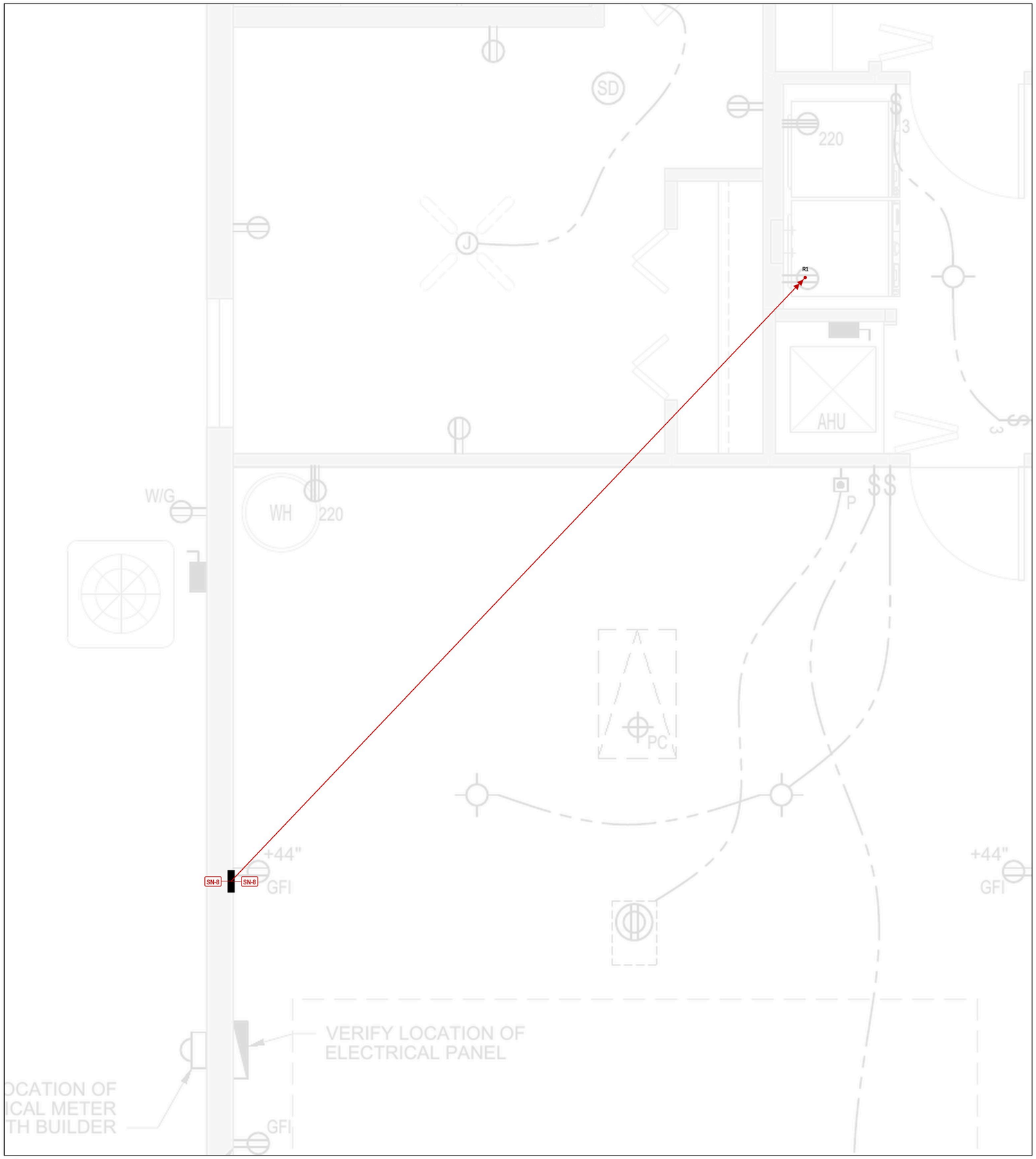
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SHEET

E-3.5



1 CIRCUIT SN-8 - LAUNDRY RECEPTACLE

SCALE: NTS | 20A 1P SIEMENS Q120DFN, 12/2 | PANEL SPACE 8

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
-	PANEL	R1	HOME RUN	12/2	32

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
12/2	45	34	-11

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO R1, 32 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

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220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-8 - LAUNDRY RECEPTACLE

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

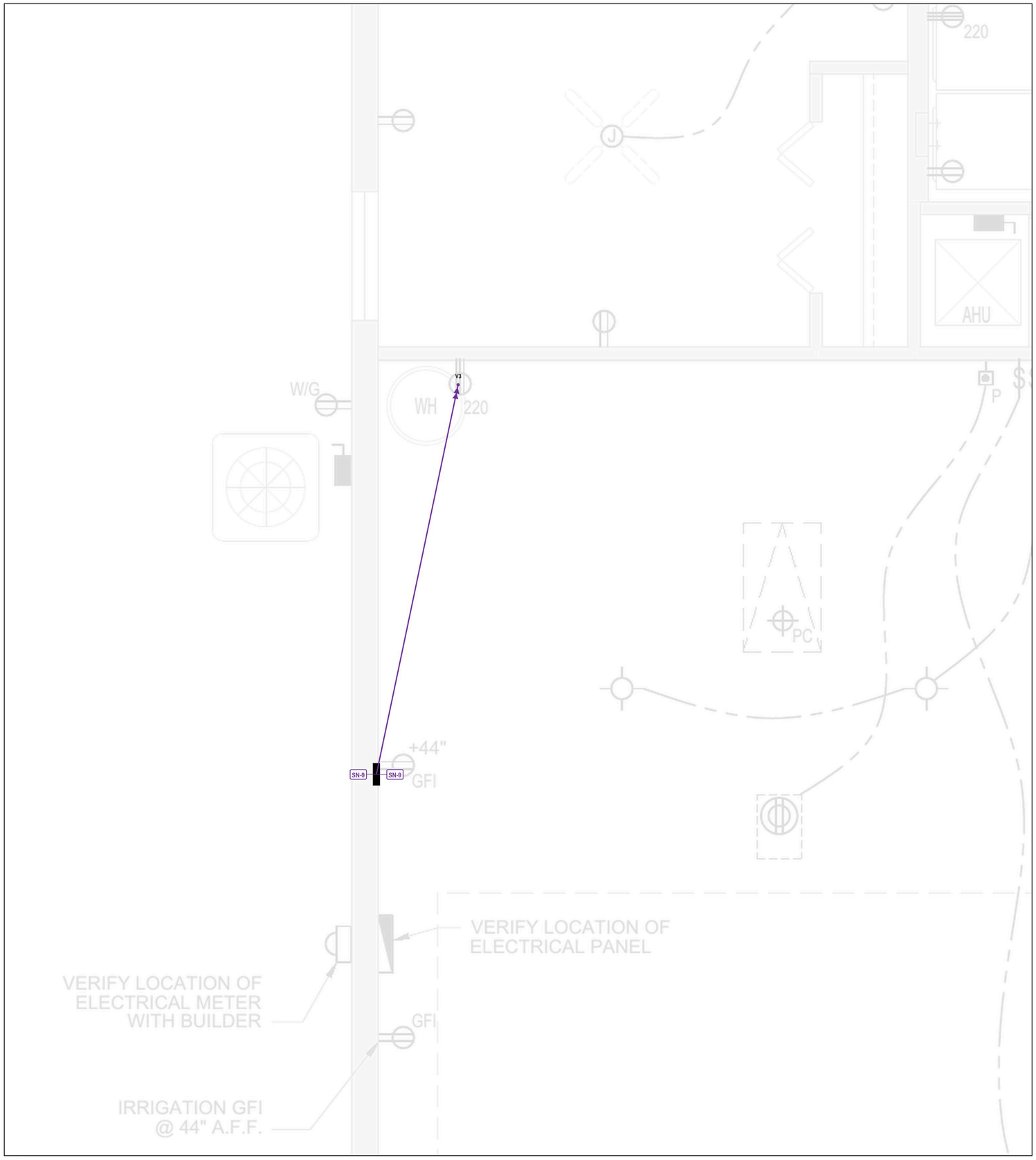
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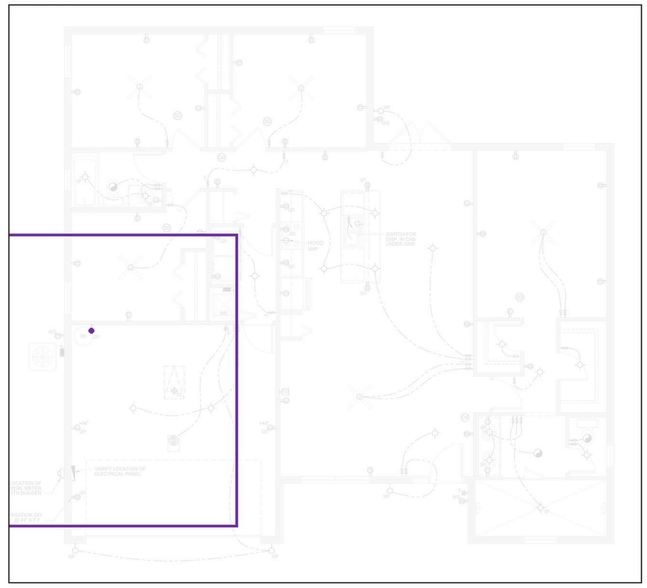
E-3.6



1 CIRCUIT SN-9 - WATER HEATER

SCALE: NTS | 30A 2P SIEMENS Q230, 10/2 | PANEL SPACE 9/11

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
-	PANEL	V3	HOME RUN	10/2	24

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
10/2	29	27	-2

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO V3, 24 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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PROJECT

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DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

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PURPOSE | DREAMS | HOMES

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220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-9 - WATER HEATER

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

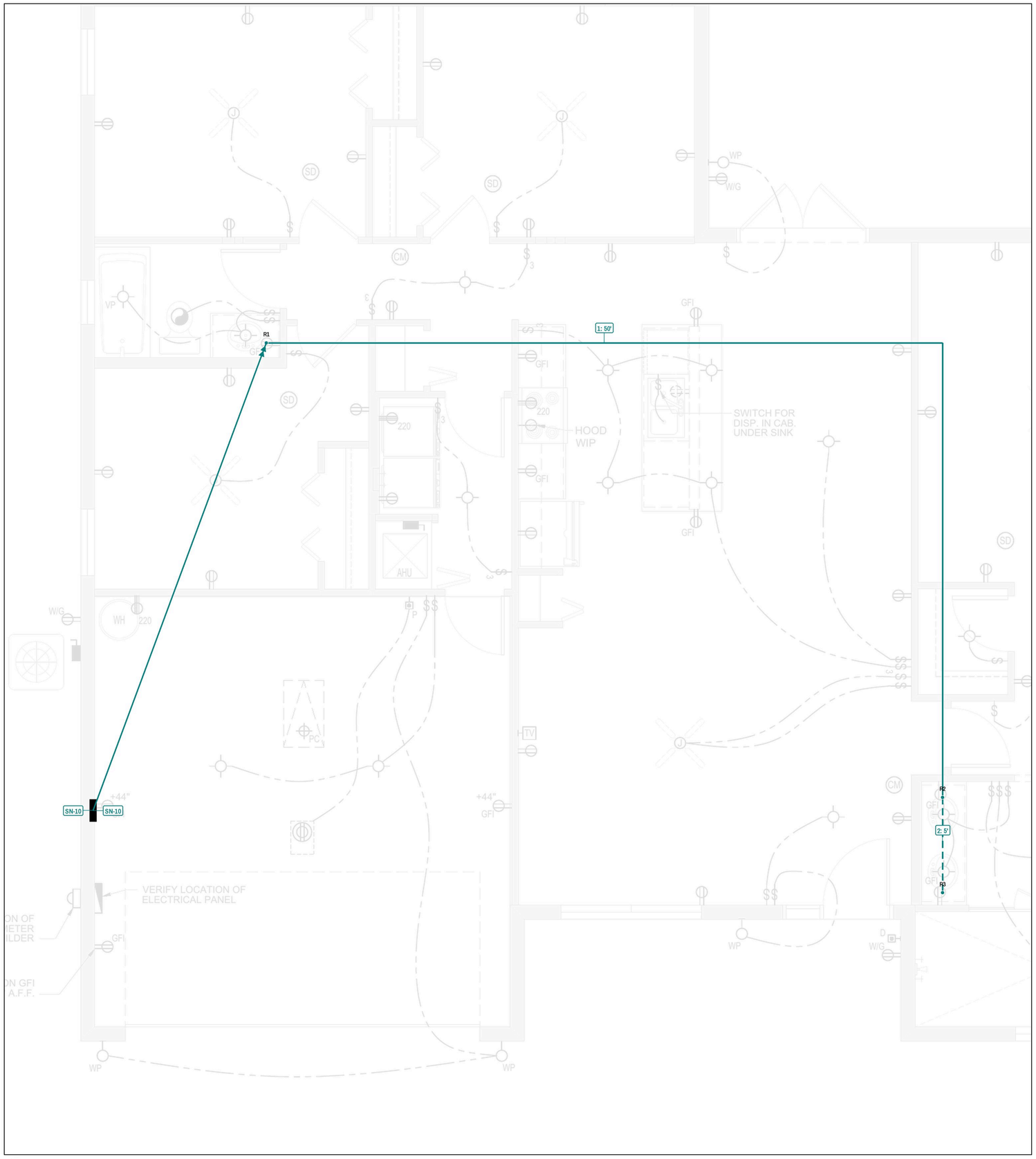
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NOT FOR CONSTRUCTION

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SHEET

E-3.7



1 **CIRCUIT SN-10 - Bath 2 + master bath receptacles**

SCALE: NTS | 20A 1P SIEMENS Q120DFN, 12/2 | PANEL SPACE 10

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	R1	R2	ATTIC	12/2	49.7
2	R2	R3	IN-WALL	12/2	5.3

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
12/2	46	95	49

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO R1, 35 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-10 - Bath 2 + master bath receptacles

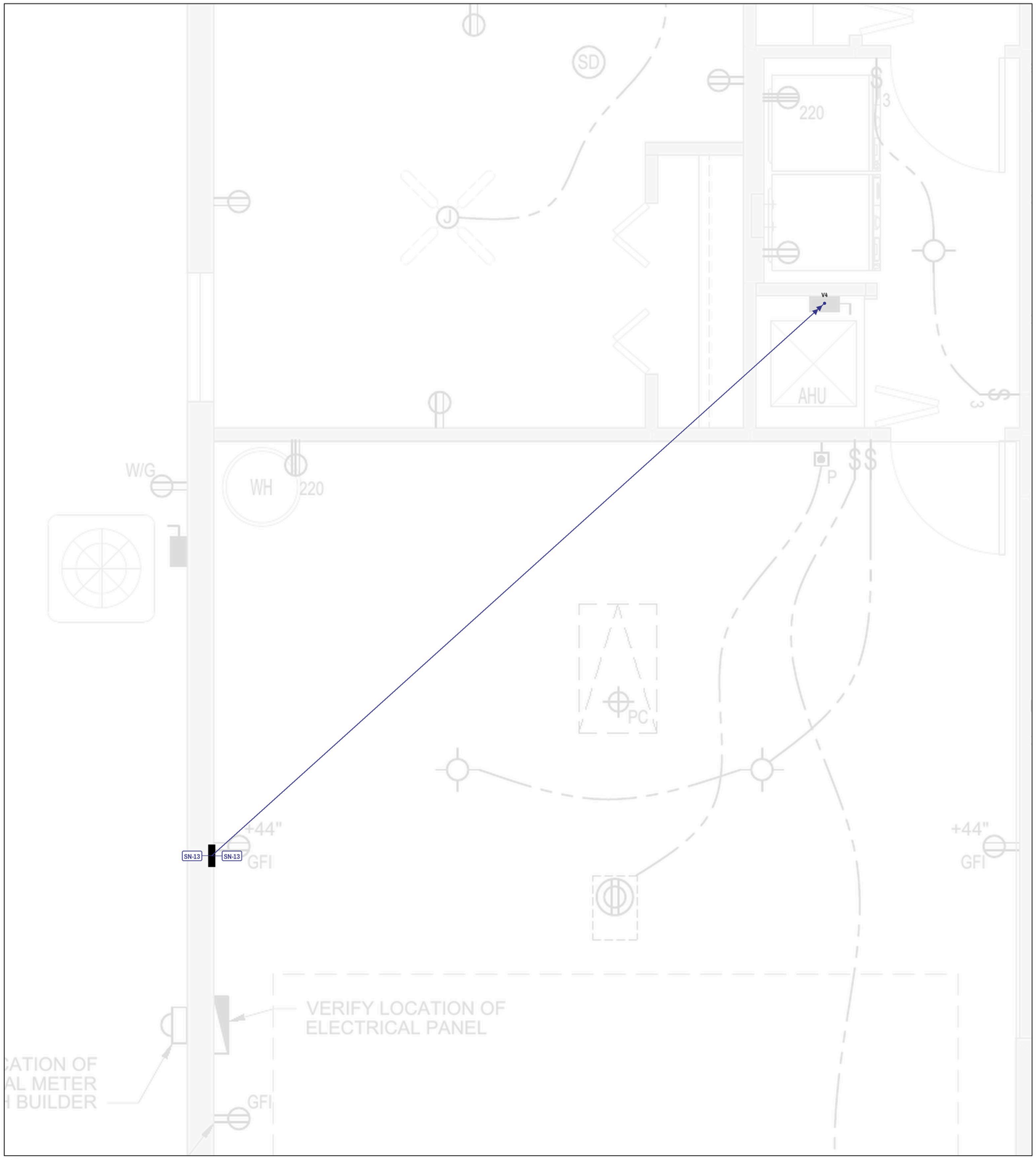
SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

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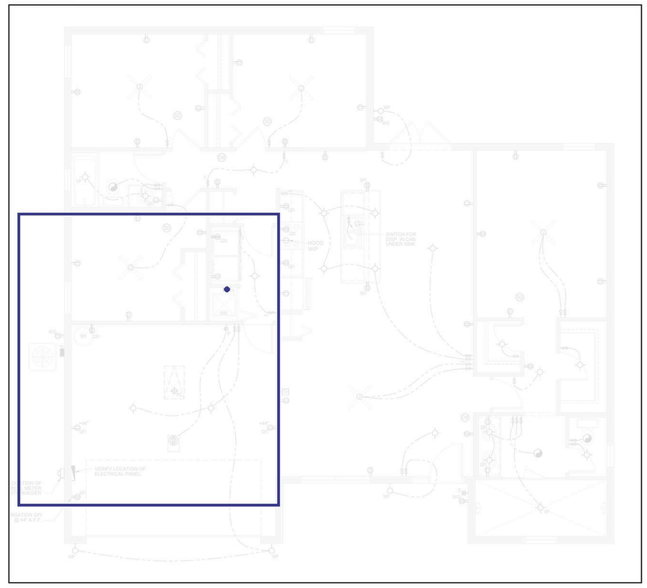
SHEET
E-3.8
11 OF 18



1 **CIRCUIT SN-13 - AIR HANDLER (AHU)**

SCALE: NTS | 30A 2P SIEMENS Q230, 10/2 | PANEL SPACE 13/15

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
-	PANEL	V4	HOME RUN	10/2	35

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
10/2	47	38	-9

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO V4, 35 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-13 - AIR HANDLER (AHU)

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

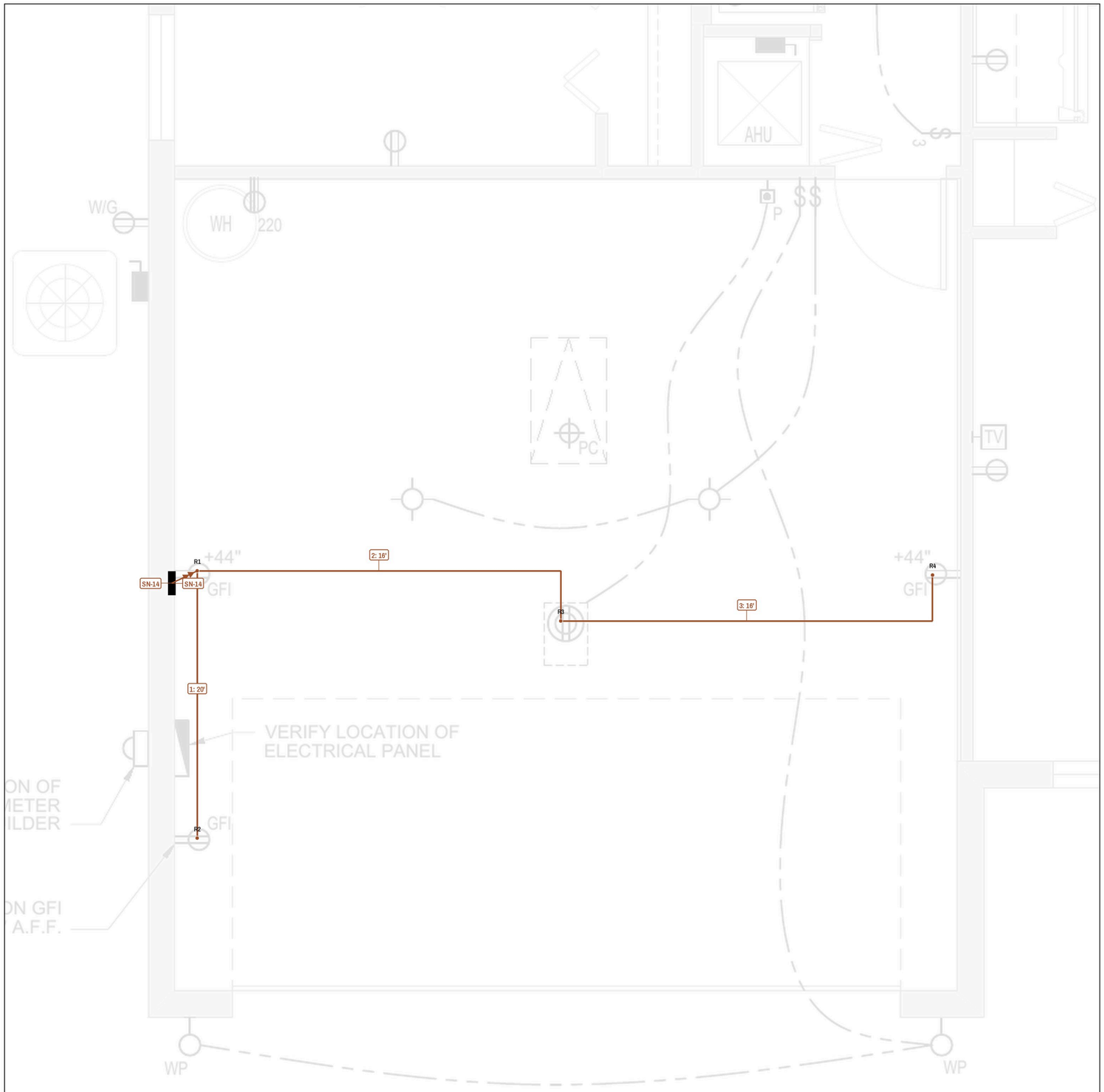
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SHEET

E-3.9



KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	R1	R2	ATTIC	12/2	19.7
2	R1	R3	ATTIC	12/2	15.9
3	R3	R4	ATTIC	12/2	16.1

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
12/2	71	69	-2

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO R1, 13 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

1 CIRCUIT SN-14 - GARAGE RCPTS, DOOR OPENER, IRRIGATION

SCALE: NTS | 20A 1P SIEMENS Q120DFN, 12/2 | PANEL SPACE 14

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CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-14 - GARAGE RCPTS, DOOR OPENER, IRRIGATION

SCALE

NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE

2026-10-29

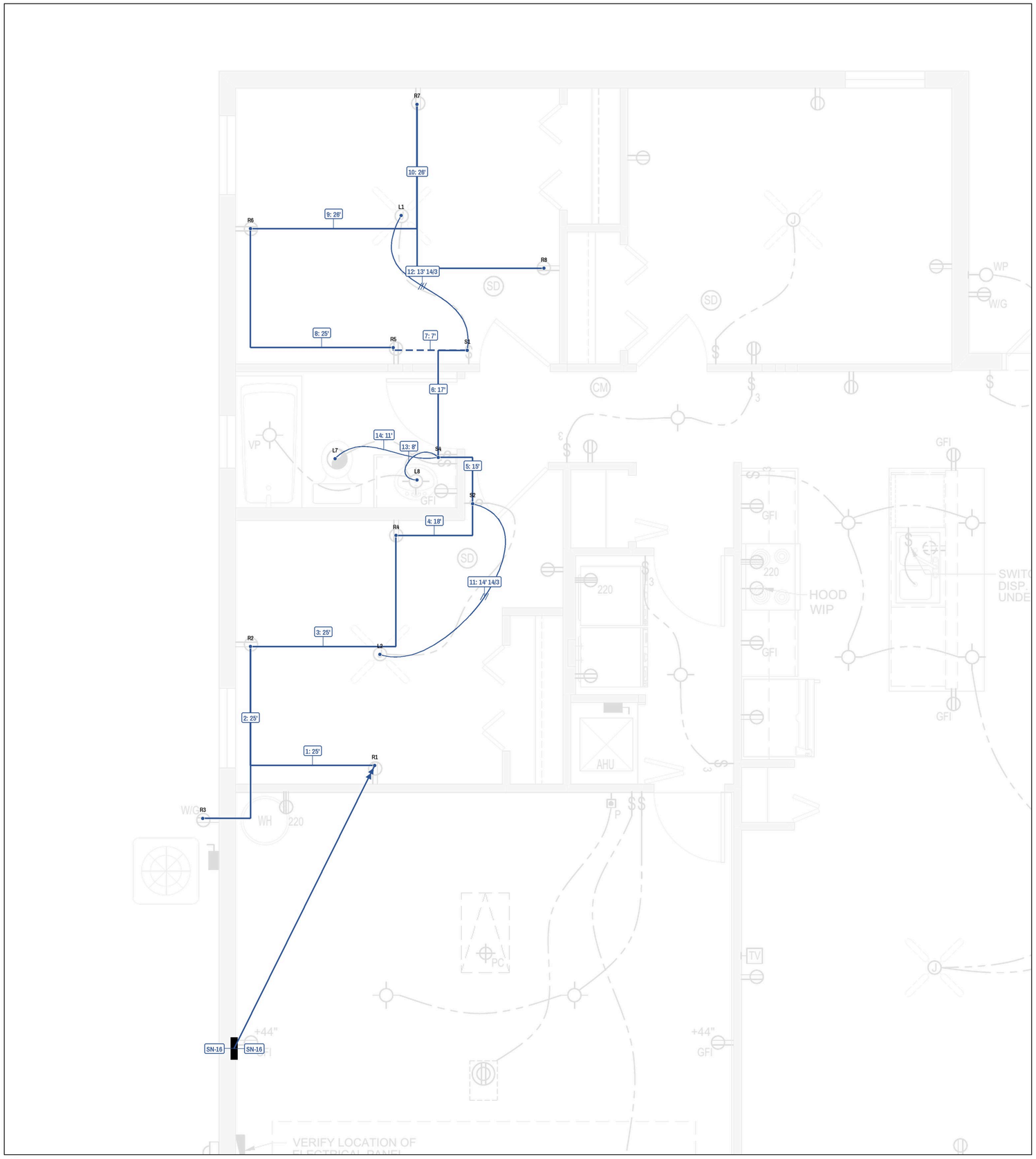
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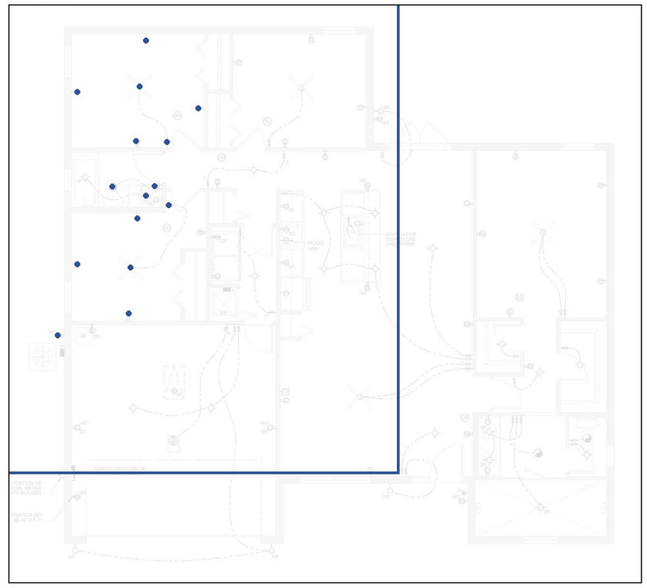
E-3.10



1 **CIRCUIT SN-16 - WEST BEDROOMS + BATH 2 LIGHTS**

SCALE: NTS | 15A 1P SIEMENS Q115DFN, 14/2 | PANEL SPACE 16

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	R1	R2	ATTIC	14/2	24.5
2	R2	R3	ATTIC	14/2	24.7
3	R2	R4	ATTIC	14/2	24.9
4	R4	S2	ATTIC	14/2	18.5
5	S2	S4	ATTIC	14/2	14.8
6	S4	S1	ATTIC	14/2	16.9
7	S1	R5	IN-WALL	14/2	6.6
8	R5	R6	ATTIC	14/2	25.0
9	R6	R7	ATTIC	14/2	25.9
10	R7	R8	ATTIC	14/2	25.8
11	S2	L2	SW LEG	14/3	13.5
12	S1	L1	SW LEG	14/3	12.5
13	S4	L8	SW LEG	14/2	8.0
14	S4	L7	SW LEG	14/2	10.7

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
14/2	198	266	68
14/3	30	28	-2

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO R1, 27 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

ELECTRICAL POWER DESIGN PREPARED BY:

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CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-16 - WEST
BEDROOMS + BATH 2 LIGHTS

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

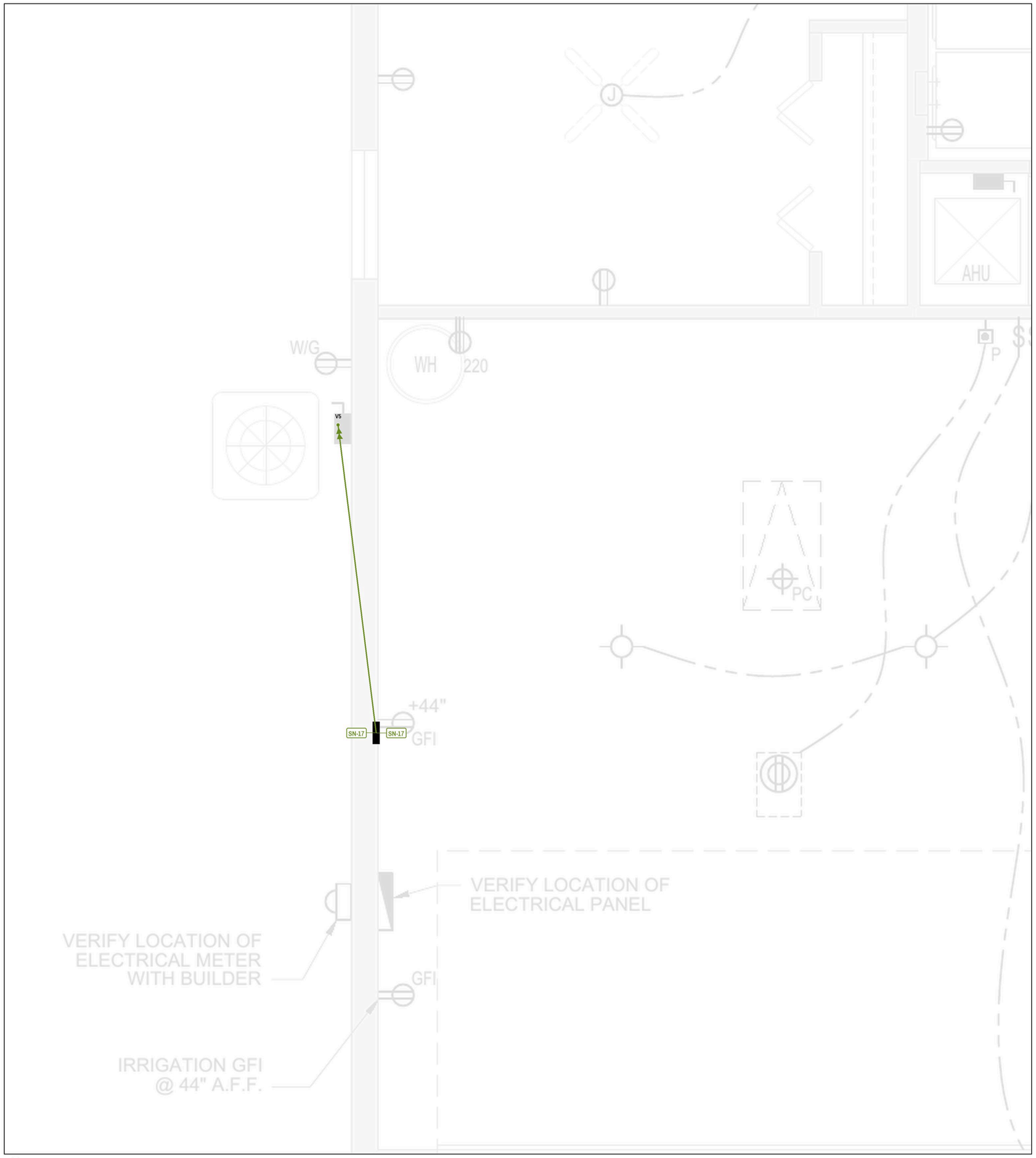
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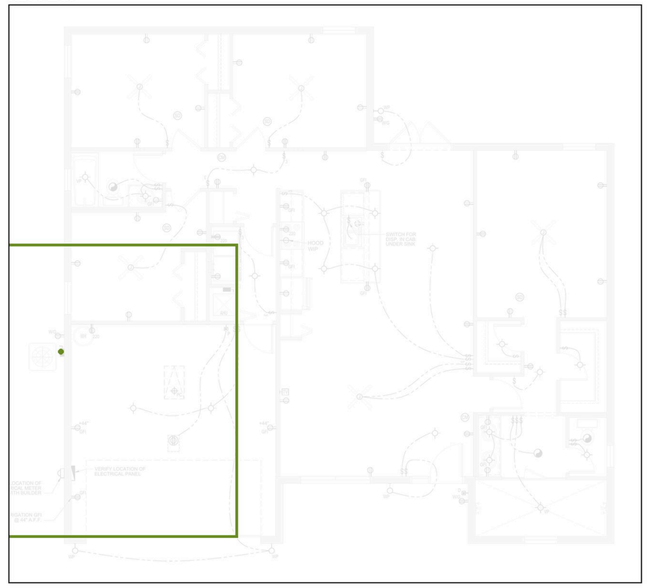
E-3.11



1 CIRCUIT SN-17 - AC CONDENSER (OUTDOOR)

SCALE: NTS | 20A 2P SIEMENS Q220, 12/2 | PANEL SPACE 17/19

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
-	PANEL	V5	HOME RUN	12/2	23

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
12/2	26	24	-2

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO V5, 23 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

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CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-17 - AC CONDENSER (OUTDOOR)

SCALE

NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE

2026-10-29

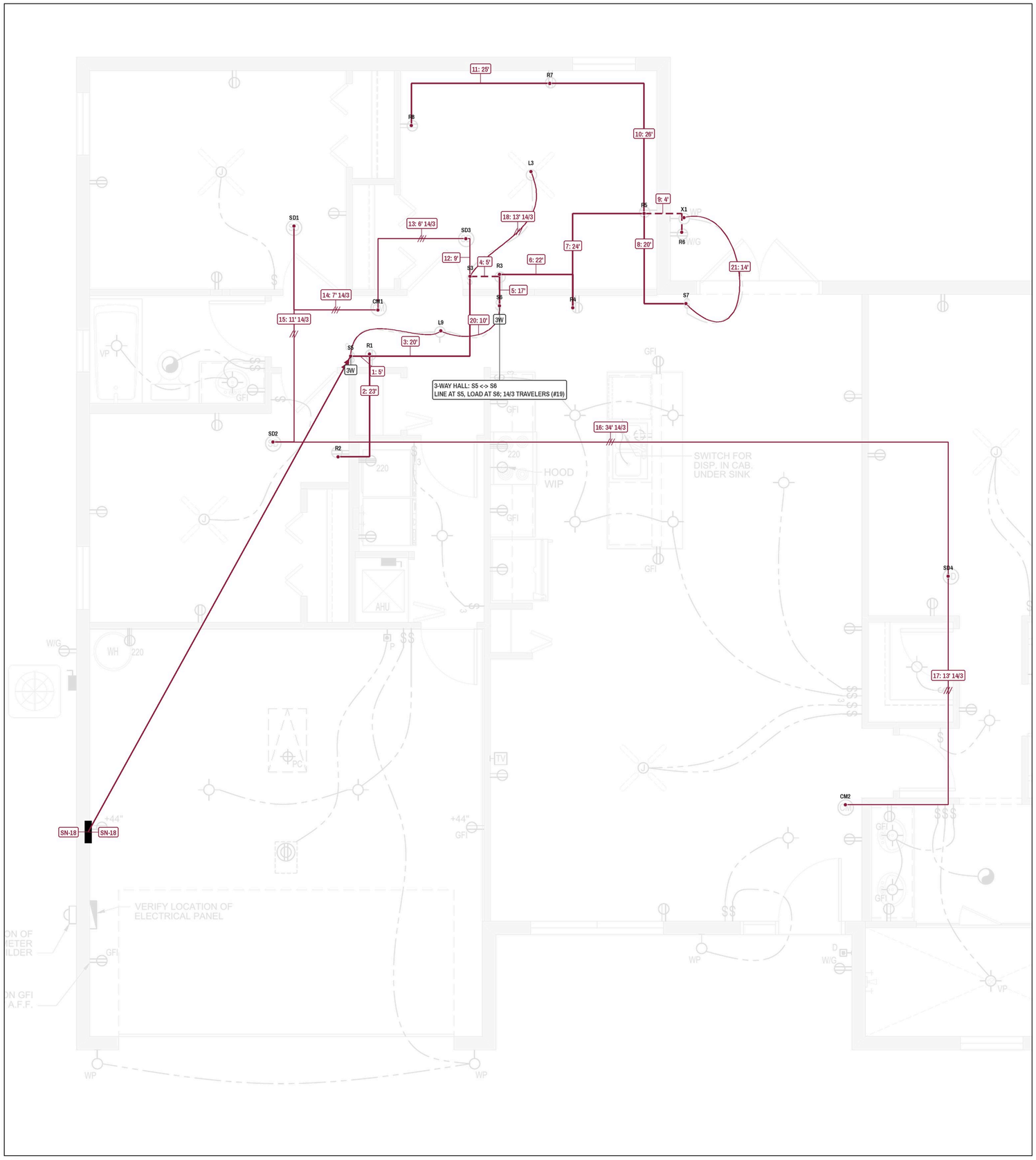
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SHEET

E-3.12



KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	S5	R1	IN-WALL	14/2	4.7
2	R1	R2	ATTIC	14/2	23.1
3	S5	S3	ATTIC	14/2	19.5
4	S3	R3	IN-WALL	14/2	5.2
5	R3	S6	ATTIC	14/2	16.8
6	R3	R4	ATTIC	14/2	21.8
7	R4	R5	ATTIC	14/2	23.6
8	R5	S7	ATTIC	14/2	20.1
9	R5	R6	IN-WALL	14/2	3.7
10	R5	R7	ATTIC	14/2	25.7
11	R7	R8	ATTIC	14/2	24.9
12	S3	SD3	SW LEG	14/2	8.6
13	SD3	CM1	SW LEG	14/3	6.4
14	CM1	SD1	SW LEG	14/3	6.7
15	SD1	SD2	SW LEG	14/3	11.3
16	SD2	SD4	SW LEG	14/3	33.8
17	SD4	CM2	SW LEG	14/3	13.0
18	S3	L3	SW LEG	14/3	12.6
19	S5	S6	SW LEG	14/3	20.2
20	S6	L9	SW LEG	14/2	9.9
21	S7	X1	SW LEG	14/2	14.3

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
14/2	192	273	81
14/3	126	110	-16

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO S5, 38 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

1 CIRCUIT SN-18 - BED 3, HALL, FRONT ENTRY, SMOKE/CO

SCALE: NTS | 15A 1P SIEMENS Q115DFN, 14/2 | PANEL SPACE 18

ELECTRICAL POWER DESIGN PREPARED BY:

SHARMA ELECTRIC & HVAC

6117 ARBOR WATCH LOOP, ORLANDO, FL 32829
407-881-9076 | OFFICE@SHARMAELECTRIC.COM
ELECTRICAL CONTRACTOR EC13013924
CERTIFIED AIR CONTRACTOR CAC1823596

PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE
CIRCUIT SN-18 - BED 3, HALL, FRONT ENTRY, SMOKE/CO

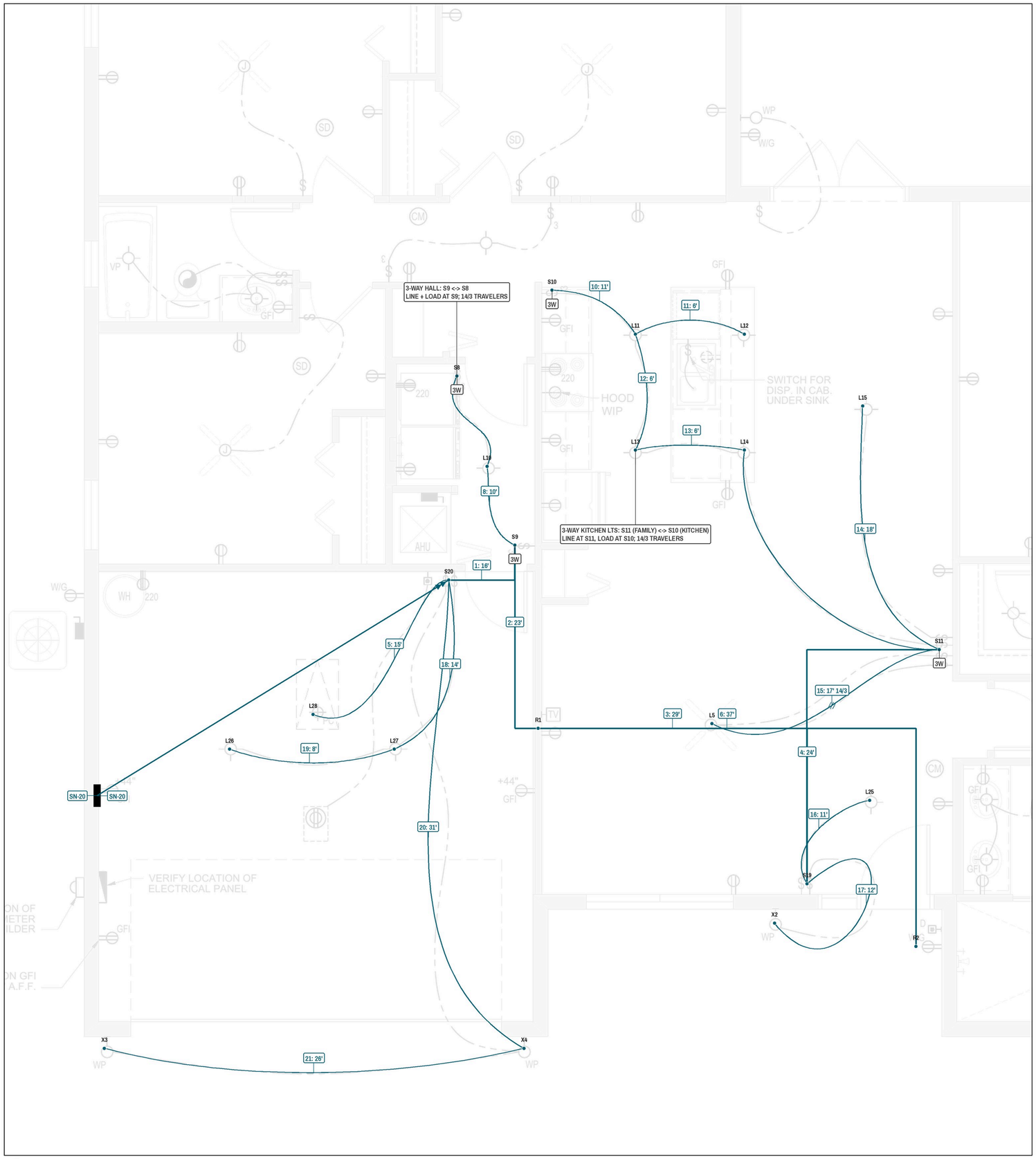
SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

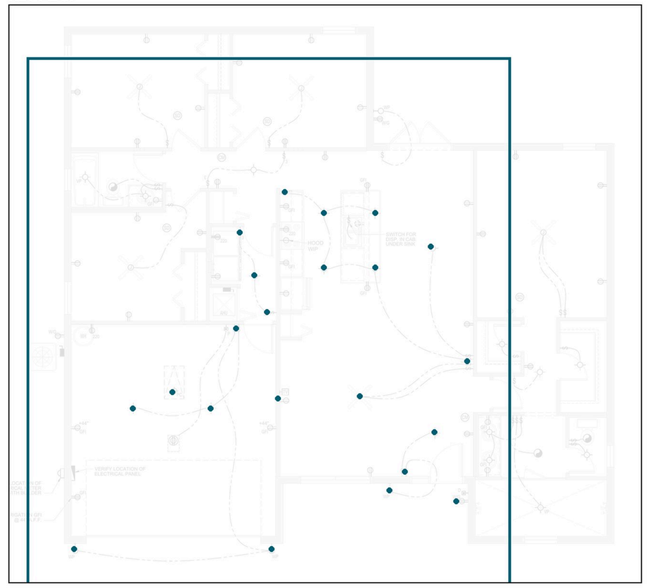
ELECTRICAL CONTRACTOR EC13013924 | CERTIFIED AIR CONTRACTOR CAC1823596

NOT FOR CONSTRUCTION
NOT FOR BUILDING DEPARTMENT RECORD

SHEET
E-3.13



KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	S20	S9	ATTIC	14/2	15.9
2	S9	R1	ATTIC	14/2	23.3
3	R1	S19	ATTIC	14/2	28.7
4	S19	S11	ATTIC	14/2	24.3
5	S20	L28	SW LEG	14/2	15.1
6	R1	R2	ATTIC	14/2	36.8
7	S9	S8	SW LEG	14/3	20.4
8	S9	L10	SW LEG	14/2	10.4
9	S11	S10	SW LEG	14/3	35.4
10	S10	L11	SW LEG	14/2	10.9
11	L11	L12	SW LEG	14/2	5.7
12	L11	L13	SW LEG	14/2	6.0
13	L13	L14	SW LEG	14/2	5.7
14	S11	L15	SW LEG	14/2	17.8
15	S11	L5	SW LEG	14/3	17.1
16	S19	L25	SW LEG	14/2	11.3
17	S19	X2	SW LEG	14/2	12.4
18	S20	L27	SW LEG	14/2	14.5
19	L27	L26	SW LEG	14/2	8.1
20	S20	X4	SW LEG	14/2	30.6
21	X4	X3	SW LEG	14/2	25.8

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
14/2	374	350	-24
14/3	90	77	-13

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO S20, 30 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

1 CIRCUIT SN-20 - KITCHEN/FAMILY/DINING/GARAGE LIGHTS

SCALE: NTS | 15A 1P SIEMENS Q115DFN, 14/2 | PANEL SPACE 20

ELECTRICAL POWER DESIGN PREPARED BY:

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PROJECT

ADDRESS

NONA 1672 - 3131 W EUNICE DR
DUNNELLON, FL 34433
PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS
PURPOSE | DREAMS | HOMES

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-20 - KITCHEN/FAMILY/DINING/GARAGE LIGHTS

SCALE

NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE

2026-10-29

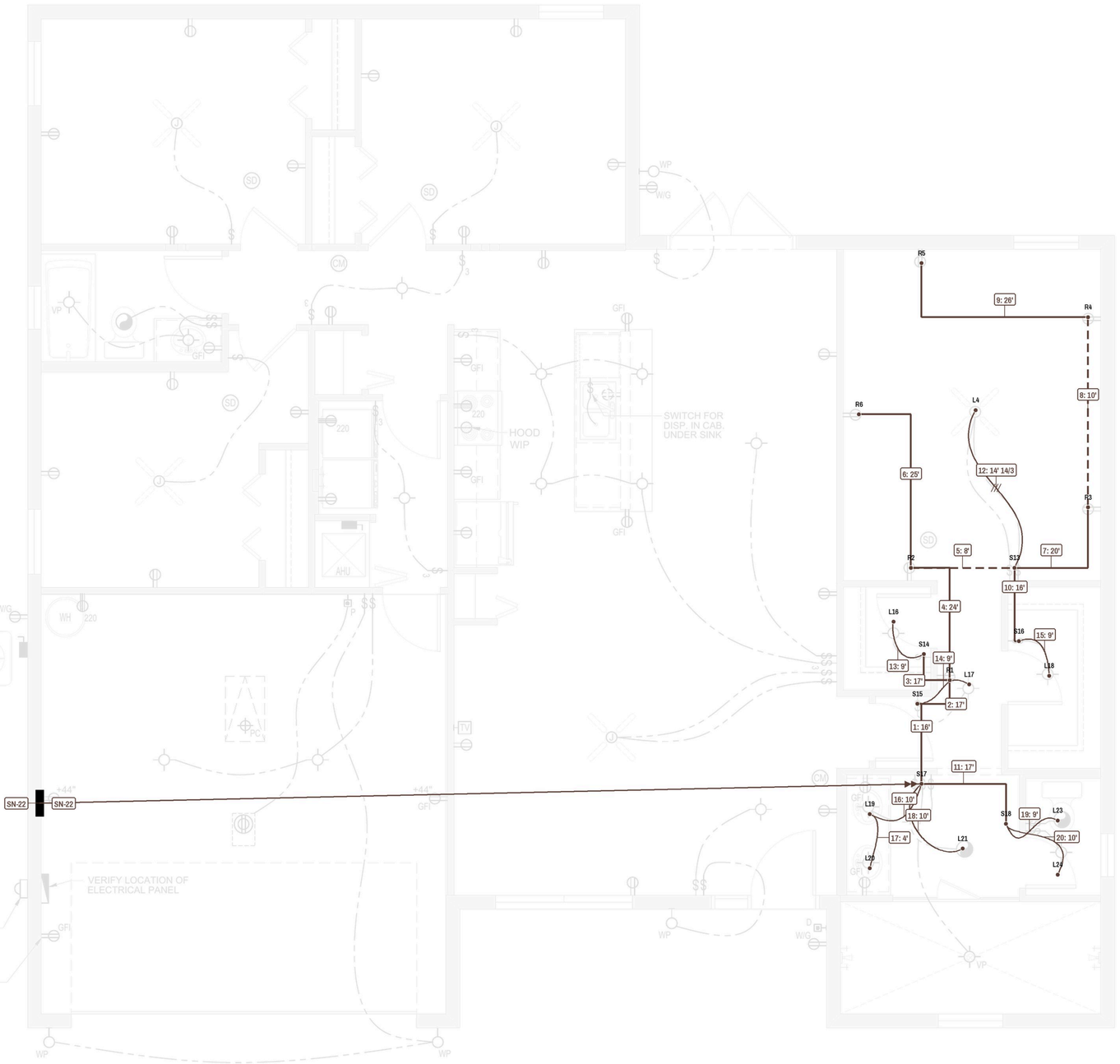
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NOT FOR CONSTRUCTION

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SHEET

E-3.14



1 CIRCUIT SN-22 - MASTER SUITE + MASTER BATH/WC LIGHTS

SCALE: NTS | 15A 1P SIEMENS Q115DFN, 14/2 | PANEL SPACE 22

KEY PLAN



RUN SCHEDULE

#	FROM	TO	ROUTE	CABLE	FT
1	S17	S15	ATTIC	14/2	16.4
2	S15	R1	ATTIC	14/2	17.2
3	R1	S14	ATTIC	14/2	17.0
4	R1	R2	ATTIC	14/2	23.5
5	R2	S13	IN-WALL	14/2	8.5
6	R2	R6	ATTIC	14/2	25.5
7	S13	R3	ATTIC	14/2	19.7
8	R3	R4	IN-WALL	14/2	9.8
9	R4	R5	ATTIC	14/2	26.1
10	S13	S16	ATTIC	14/2	16.1
11	S17	S18	ATTIC	14/2	17.0
12	S13	L4	SW LEG	14/3	14.3
13	S14	L16	SW LEG	14/2	8.9
14	S15	L17	SW LEG	14/2	9.4
15	S16	L18	SW LEG	14/2	9.0
16	S17	L19	SW LEG	14/2	9.6
17	L19	L20	SW LEG	14/2	3.5
18	S17	L21	SW LEG	14/2	10.4
19	S18	L23	SW LEG	14/2	9.2
20	S18	L24	SW LEG	14/2	10.2

FOOTAGE (FT, HR INCL., LEAN +5%)

CABLE	v12b	v13	CHANGE
14/2	286	336	50
14/3	16	16	0

SHEET NOTES

1. HOME RUN: PANEL SN (WEST GARAGE WALL) TO S17, 53 FT.
2. ONLY THIS CIRCUIT SHOWN. SEE E-0 LEGEND / GENERAL NOTES.
3. NUMBERED TAGS = RUN NO.: FEET (MATCH RUN SCHEDULE).

ELECTRICAL POWER DESIGN PREPARED BY:

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PROJECT

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PANEL: WEST GARAGE WALL

CLIENT

Z BROTHERS CONSTRUCTION
220 N KIRKMAN RD, SUITE A, ORLANDO, FL 32811

SHEET

TITLE

CIRCUIT SN-22 - MASTER SUITE + MASTER BATH/WC LIGHTS

SCALE
NTS (APPROX 1/8"=1'-0" AT 36x48)

DATE
2026-10-29

ELECTRICAL CONTRACTOR EC13013924 | CERTIFIED AIR CONTRACTOR CAC1823596

NOT FOR CONSTRUCTION

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SHEET

E-3.15