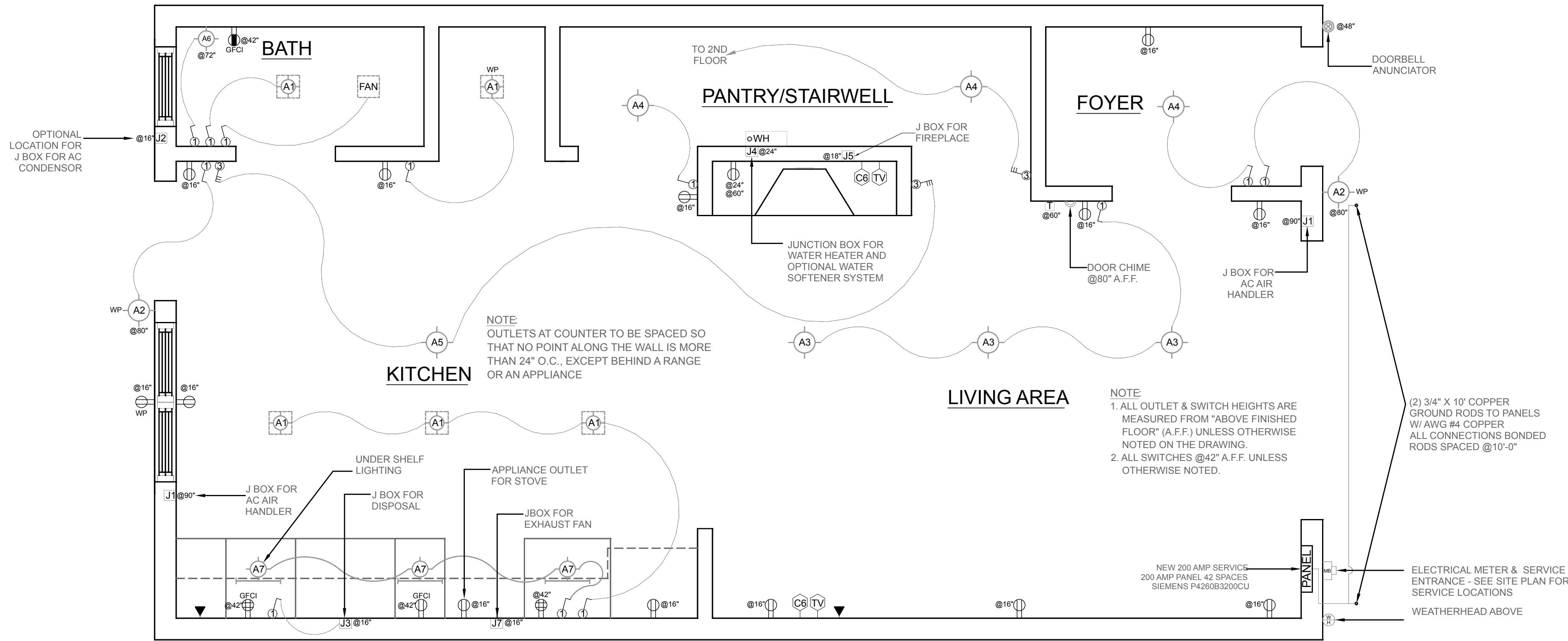


2ND FLOOR ELECTRICAL PLAN

SCALE: 1/2" = 1'-0"



FIRST FLOOR ELECTRICAL PLAN

SCALE: 1/2" = 1'-0"

ELECTRICAL NOTES

- ALL WIRING SHALL BE COPPER AND RUN IN EMT, RIGID PVC OR MC CABLE.
- ALL WIRING SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
- ALL WIRING AND CONDUIT AS INDICATED ON PANEL SCHEDULES TO BE SIZED AS PER THE NATIONAL ELECTRIC CODE (LATEST EDITION).
- VERIFY EXACT ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT WITH MANUFACTURER.
- PROVIDE POWER WIRING AND FINAL ELECTRICAL CONNECTION TO ALL MECHANICAL EQUIPMENT.
- CONTROL WIRING TO ALL MECHANICAL EQUIPMENT BY OTHERS.
- COORDINATE CLOSELY WITH ALL OTHER TRADES REGARDING ALL ELECTRICAL DEVICES AND THEIR INSTALLATION REQUIREMENTS, INCLUDING REQUIRED CLEARANCES.
- ALL WIRING WITHIN WALLS TO BE RUN IN A NEAT MANNER PERPENDICULAR OR PARALLEL TO BUILDING STRUCTURE.
- FURNISH AND INSTALL ALL CONDUITS, SUPPORTS, BOXES, AND NECESSARY FITTINGS AND ACCESSORIES, AS REQUIRED TO MAKE A COMPLETE INSTALLATION OF THE WIRING SYSTEM.
- PROVIDE AND INSTALL ALL FIXTURES COMPLETE WITH BULBS AS INDICATED ON DRAWINGS.
- VERIFY EXACT MOUNTING HEIGHT AND LOCATION OF ALL ELECTRICAL EQUIPMENT PRIOR TO INSTALLATION.
- ALL ELECTRICAL EQUIPMENT SERVICE, AND INSTALLATION SHALL BE AS PER POWER COMPANY REGULATIONS, ALL LOCAL CODES AND THE N.E.C. (LATEST EDITION).
- VERIFY EXACT MOUNTING HEIGHT AND LOCATION OF ALL PANELS AND EQUIPMENT, LENGTH OF ALL WIRE AND CONDUIT RUNS, ETC; IN FIELD PRIOR TO INSTALLATION. PROVIDE GROUNDING AS PER NEC. ALL INSTALLATIONS AS PER NEC. (LATEST EDITION) PPL & ALL LOCAL CODES.
- ALL SWITCHES @ 42" A.F.F. UNLESS OTHERWISE NOTED.
- ALL RECEPTACLES @ 18" A.F.F. UNLESS OTHERWISE NOTED.
- ALL JUNCTION BOXES AT MINIMUM OF 18" A.F.F. - ACTUAL LOCATION TO CONFORM WITH MANUFACTURER SPECIFICATION.

SYMBOL LEGEND

	SERVICE PANEL
	METER BASE
	WEATHERHEAD
	DUPLEX RECEPTACLE
	GFCI RECEPTACLE
	WATERPROOF RECEPT.
	APPLIANCE RECEPTACLE
	JUNCTION BOX
	TELEVISION OUTLET
	CAT6E OUTLET
	TELEPHONE OUTLET
	RECESSED LIGHT
	CEILING - WALL MOUNTED LIGHTS
	SWITCHES - SINGLE - 3 WAY - 4 WAY
	WIRE RUNS
	SMOKE DETECTOR / CO DETECTOR
	THERMOSTAT
	SOLATUBE

JUNCTION BOXES IDENTIFIER

J11	AIR HANDLER
J12	AC CONDENSER (OPTIONAL)
J13	GARBAGE DISPOSAL
J14	WATER HEATER/SOFTENER
J15	FIRE PLACE
J16	CONDENSER
J17	EXHAUST FAN

SERVICE PANEL

SIEMENS P4260B3200CU 200
AMP MAIN BREAKER 120/240
VOLT - 1 PHASE, 3 WIRE

CKT'S	LOAD	AMP	POLE	WIRE	POLE	WIRE	AMP	LOAD	CKT'S
1	LIGHTING	20	1	12	12	1	20	LIGHTING	2
3	RECEPTACLES	20	1	12	12	1	20	RECEPTACLES	4
5	LIGHTING	20	1	12	12	1	20	LIGHTING	6
7	RECEPTACLES	20	1	12	12	1	20	RECEPTACLES	8
9	LIGHTING	20	1	12	12	1	20	LIGHTING	10
11	RECEPTACLES	20	1	12	12	1	20	RECEPTACLES	12
13	LIGHTING	20	1	12	12	1	20	LIGHTING	14
15	RECEPTACLES	20	1	12	12	1	20	RECEPTACLES	16
17	RESERVED	20	1	12	12	1	20	DETECTORS	18
19	RESERVED	20	1	12	12	1	20	EXHAUST FANS	20
21	RESERVED	20	1	12	12	1	20	EXT. RECEPT.	22
23	GFCI RECEPT.	20	1	12	12	1	20	LIGHTING	24
25	GARBAGE DISP.	20	1	12	12	1	20	EXT. LIGHTING	26
27	REFRIGERATOR	20	1	12	TBD	1	TBD	RESERVED	28
29	CONDENSER	30	2	12	10	2	30	WASHER/DRYER	30
31	AIR HANDLER	20	2	8	12	2	20	AIR HANDLER	34
33	AIR HANDLER	20	2	8	12	2	20	AIR HANDLER	36
35	WATER HEATER	40	2	8	10	2	30	STOVE/OVEN	38
37	WATER HEATER	40	2	8	10	2	30	STOVE/OVEN	40
39	CONDENSER	TBD	1	TBD	TBD	1	TBD	RESERVED	42

LIGHT FIXTURE SCHEDULE

NO.	DESCRIPTION	VOLT	MOUNTING	NO. & LAMP	REMARKS
A1	HALO 6" NEW CONSTRUCTION IC RECESSED LIGHTING MODEL:H7-ICT	120V-1PH	RECESSED	(1) 60W	
A2	ACGALAXY COACH LIGHT 14" RUBBED BRONZE MODEL: 3508360RB	120V-1PH	EXTERIOR WALL	(2) 100W	WATERPROOF COACH LIGHT
A3	PORTFOLIO 3-LIGHT INTEGRATED LED TRACK MODEL: 18305-000	120V-1PH	SURFACE	(3) 60W	AREA TRACK LIGHTING
A4	ACCESS LIGHTING 11" BRONZE CEILING FLUSH MOUNT CAT. 2064-B/OPL	120V-1PH	SURFACE	(1) 100W	
A5	CHECKOLITE INTERNATIONAL 2 LIGHT BRONZED COUNTRY KITCHEN MODEL: P1002-71	120V-1PH	SURFACE	(1) 200W	HANGING KITCHEN LIGHT 2 X 100W BULBS
A6	GALAXY 3 LIGHT NEWPORT BRONZE BATH VANITY LIGHT MODEL: 712823B	120V-1PH	WALL	(1) 120W	VANITY LIGHT BAR - 3 X 40W
A7	GOOD EARTH FLEXOLIGHT 12" CLEAR ROPE LIGHT MODEL: G9512-CLR-1	120V-1PH	SURFACE	(1) 15W	L.E.D. ROPE LIGHT

REVISIONS	BY

SENIUK RESIDENCE

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PHILADELPHIA, PA 19147

PHOTODESIGN.NET
732 SANBORN STREET
PHILADELPHIA, PA
19106
215-629-0295



ARCHITECTURAL STAMP

DRAWN
SRH
CHECKED
DATE
7/29/2015
SCALE
AS INDICATED
JOB NO.
15-014
SHEET

E-101

OF X SHEETS