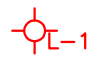
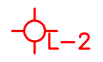
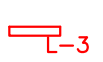

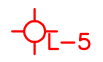
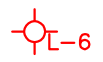
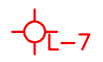

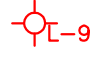
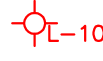







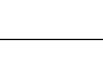
















LEGENDS –LIGHTING	LEGENDS –ELV	LEGENDS –POWER
 5W WALL PACK DECORATIVE LED LIGHT  8W LED WALL PACK FIXTURE  7.5W MIRROR LIGHT  9W LED FLUSH MOUNTED LIGHT  16W CEILING FLUSH MOUNTED LED LIGHT  40W POOL FLOOR MOUNTED LIGHT  15W DECORATIVE PENDENT LIGHT  38W, 1'X4' LED FLAT PANEL FIXTURE LIGHT  20W WALL LIGHT  15W SURFACE MOUNTED LIGHT  25W PENDENT TYPE  15W PANEL LIGHT  OCCUPANCY SENSOR  EMERGENCY LIGHTING UNIT LITHONIA ELM6LED  ILLUMINATED EXIT SIGN LITHONIA EXR-LED  ILLUMINATED COMBO EXIT SIGN WITH LED LIGHTS  WALL SWITCH(S1-ONE WAY)  WALL SWITCH (S2 = 2-WAY)	 INTERCONNECTED MULTI-STATION SMOKE ALARM WITH EMERGENCY POWER  INTERCONNECTED MULTI-STATION COMBINATION SMOKE ALARM AND CARBON MONOXIDE ALARM WITH EMERGENCY POWER  BUILDING SYSTEM SMOKE DETECTOR WITH EMERGENCY POWER, INTERCONNECTED WITH MANUAL PULL STATIONS AND SPRINKLER SYSTEM FLOW ALARM  MANUAL PULL STATION INTERCONNECTED WITH SPRINKLER SYSTEM FLOW ALARM AND BUILDING SYSTEM SMOKE DETECTORS  COMMON AREA HORN STROBE CONNECTED TO THE BUILDING ALARM SYSTEM  MODULAR TELEPHONE JACK  COAXIAL TELEVISION JACK  RJ45 ETHERNET JACK  ROOM HORN/STROBE ALARM TO BUILDING SYSTEM  AUDIBLE AND VISUAL INDICATOR	 DUPLEX ELECTRICAL RECEPTACLE U.O.N.  GROUND FAULT PROTECTED DUPLEX RECPTICLE  ELECTRICAL RECEPTACLE OR CONNECTION AS REQUIRED FOR APPLIANCE OR DEVICE  ISOLATOR NOTES: 1.DISCONNECT FOR AXIAL DUCT MOUNTED EXHAUST FANS 2.DISCONNECT FOR INDOOR CASSETTE VRF UNITS 3.DISCONNECT FOR OUTDOOR VRF UNIT 4.DISCONNECT FOR ELECTRIC HEATER UNITS (PROVISION FOR FUTURE SUPPLY) 5.DISCONNECT FOR ELEVATOR

LIGHTING FIXTURE SCHEDULE

	LOCATION	MANUFACTURER	MODEL NO.	DESCRIPTION	WATTS	MOUNTING	FIXTURE VOLTAGE	TOTAL LUMENS	COLOR TEMPERATURE	REMARKS
L1	BEDROOM	SEA GULL LIGHTING	41260EN-710	1 LED Candelabra Torpedo 3.5w Max	3.5W	WALL MOUNTED	120V	350lm	2700K	
L2	CORRIDOR	LITHONIA LIGHTING	FMVSSL-12IN-MVOLT-30K-90CRI	Inch 1ftSquare 9W LED Vanity Light 120-277V	9W	WALL MOUNTED	120V	650lm	3000K	
L3	TOILET	SEA GULL LIGHTING	4416191S-962	Small LED Wall / Bath 16.5w Max. 120v	16.5W	WALL MOUNTED	120V	1450lm	3000K	
L4	TOILET	LITHONIA LIGHTING	FMML-7	7 Inch Versi Lite LED Flush Mount Light Fixture	9W	SURFACE/CEILING	120V	660lm	3000K	
L5	BEDROOM	LITHONIA LIGHTING	FMLRL-11	16 Watt 11 InchRound LED Low Profile Flush Mount Light Fixture	16W	SURFACE/CEILING	120V	1100lm	4000K	
L6	POOL AREA		FMVSSL-24IN-MVOLT-40K-90CRI-KR-M6							INGROUND (BY OWNER)
L7	BEDROOM	SEA GULL LIGHTING	6615203EN3-05	3-LED Medium A19 9.5w Max. 120v	9.5W	SURFACE/CEILING	120V	800lm	3000K	
L8	MEETING/EXERCISE/STORAGE ROOM	LITHONIA LIGHTING	FMFL-30840-CAML	35 Watt LED Decorative Cambridge Linear Flush Mount Fixture 120V 4000K	35W	SURFACE/CEILING	120V	2800lm	4000K	
L8A	LAUNDRY/MECHANICAL ROOM	LITHONIA LIGHTING	LBL2	23 Watt 2 Foot White LED Low Profile Wraparound Ceiling Fixture	23W	SURFACE/CEILING	120V	2260lm	4000K	
L8B	TOILET	LITHONIA LIGHTING	FMSSATL-13-14840-BZA-M4	13 Inch 16 Watt Square LED Saturn Flush Mount Light Fixture 120V	16W	SURFACE/CEILING	120V	1200lm	4000K	
L9	POOL AREA	LITHONIA LIGHTING		18 Watt 24 Inch 2ft LED Vanity Light 120-277V 4000K	18W	WALL MOUNTED	120V	1300lm	4000K	
L10	POOL AREA	LITHONIA LIGHTING	FMSATL-13	13 Inch 16 Watt Round LED Saturn Flush Mount Light Fixture 120V	16W	SURFACE/CEILING	120V	980lm	3000K	
	EXIT SIGN	LITHONIA LIGHTING	LHQM LED R HO RO M6	Ceiling Mounted Exit Sign with Battery backup		SURFACE/CEILING				
	EXIT/UNIT COMBO	LITHONIA LIGHTING	LHQM LED G M6	Wall mounted Exit sign with two LED Lights		WALL MOUNTED				
	EMERGENCY LIGHTING	WILLIAMS		Emergency Lighting unit, low profile, two heads		WALL MOUNTED				

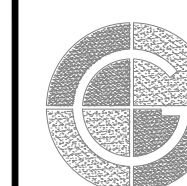
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ELECTRIC DISTRIBUTION LEGENDS & LIGHTING SCHEDULE

DRAWN BY:	DATE:
CHECKED BY:	DRAWING NO.:
JOB NO.:	SCALE: 1/4"=1'-0"

REVISIONS

#	DESCRIPTION	DATE	WHOM



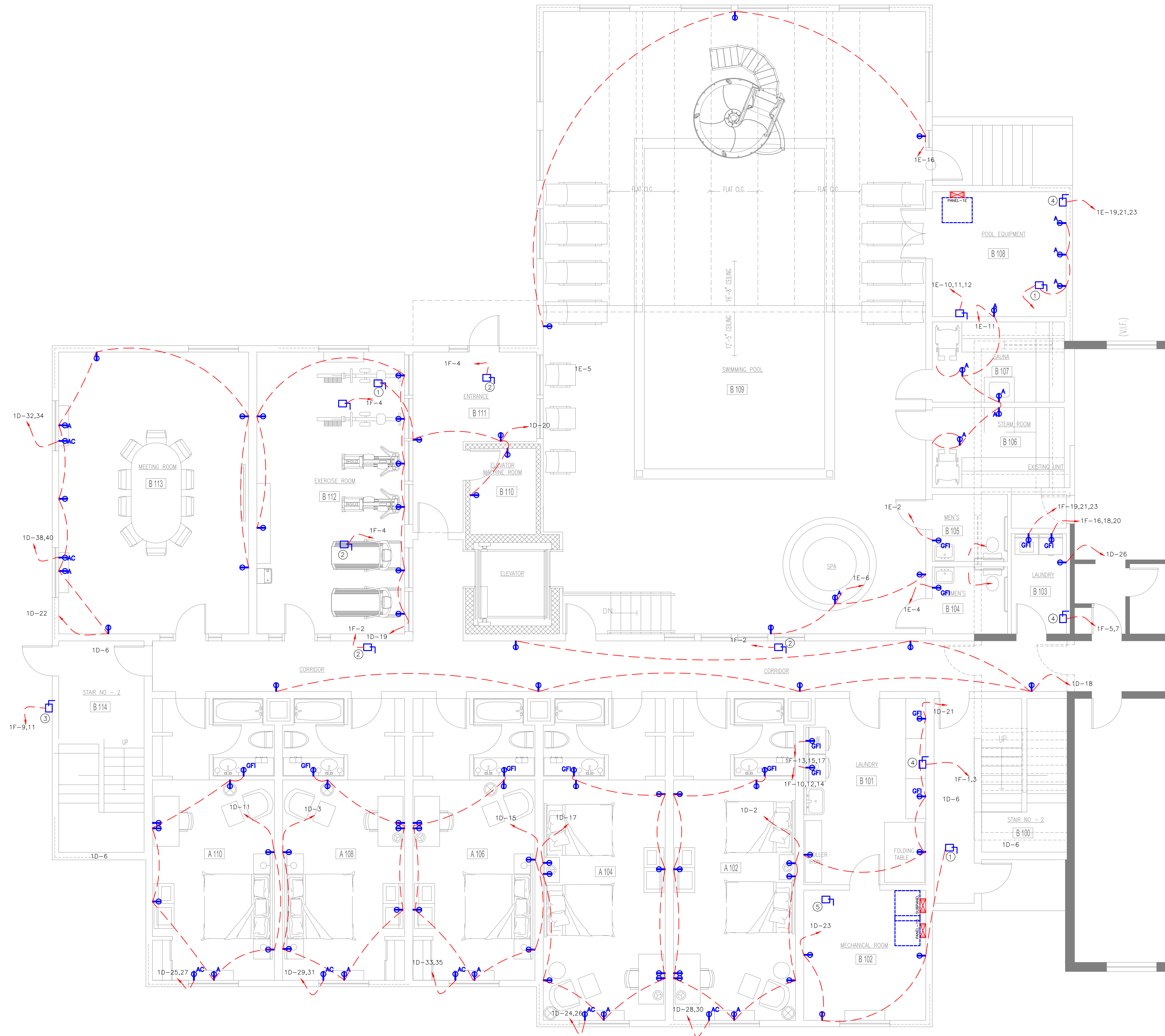
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**BERKSHIRE HILLS
INN & SUITES**
1350 West Housatonic Street
Pittsfield, Massachusetts

HE1.10

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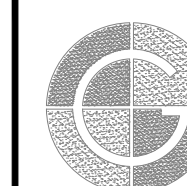


**ELECTRIC DISTRIBUTION -POWER
GROUND FLOOR PLAN**

DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DRAWING NO.: _____
 JOB NO.: _____ SCALE: 3/16"=1'-0"

REVISIONS

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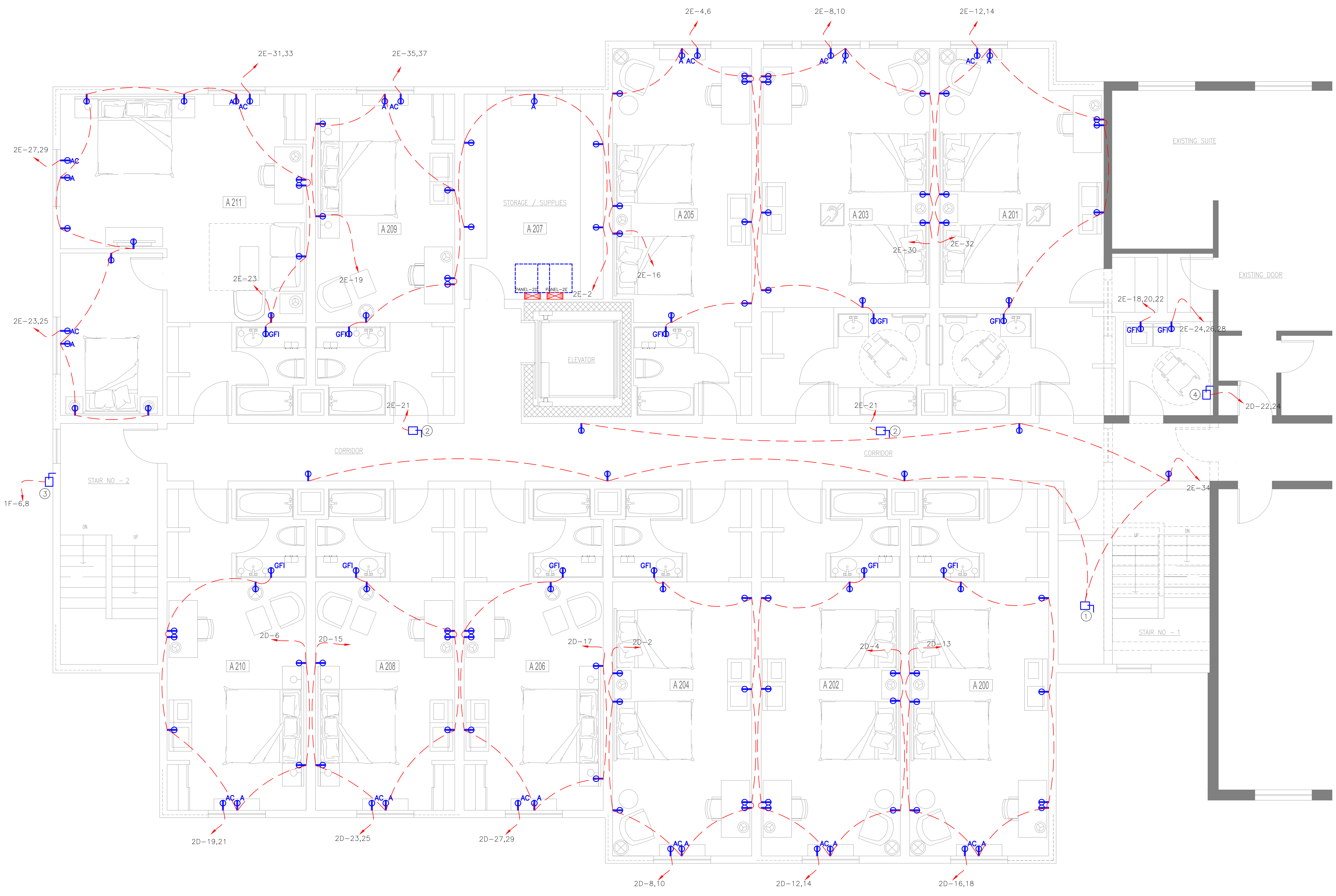


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SHEET 2 OF 4

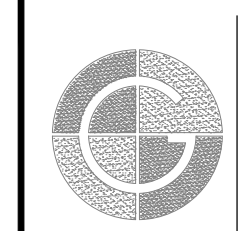
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**ELECTRIC DISTRIBUTION -POWER
FIRST FLOOR PLAN**

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JOB NO.:	SCALE: 1/4"=1'-0"

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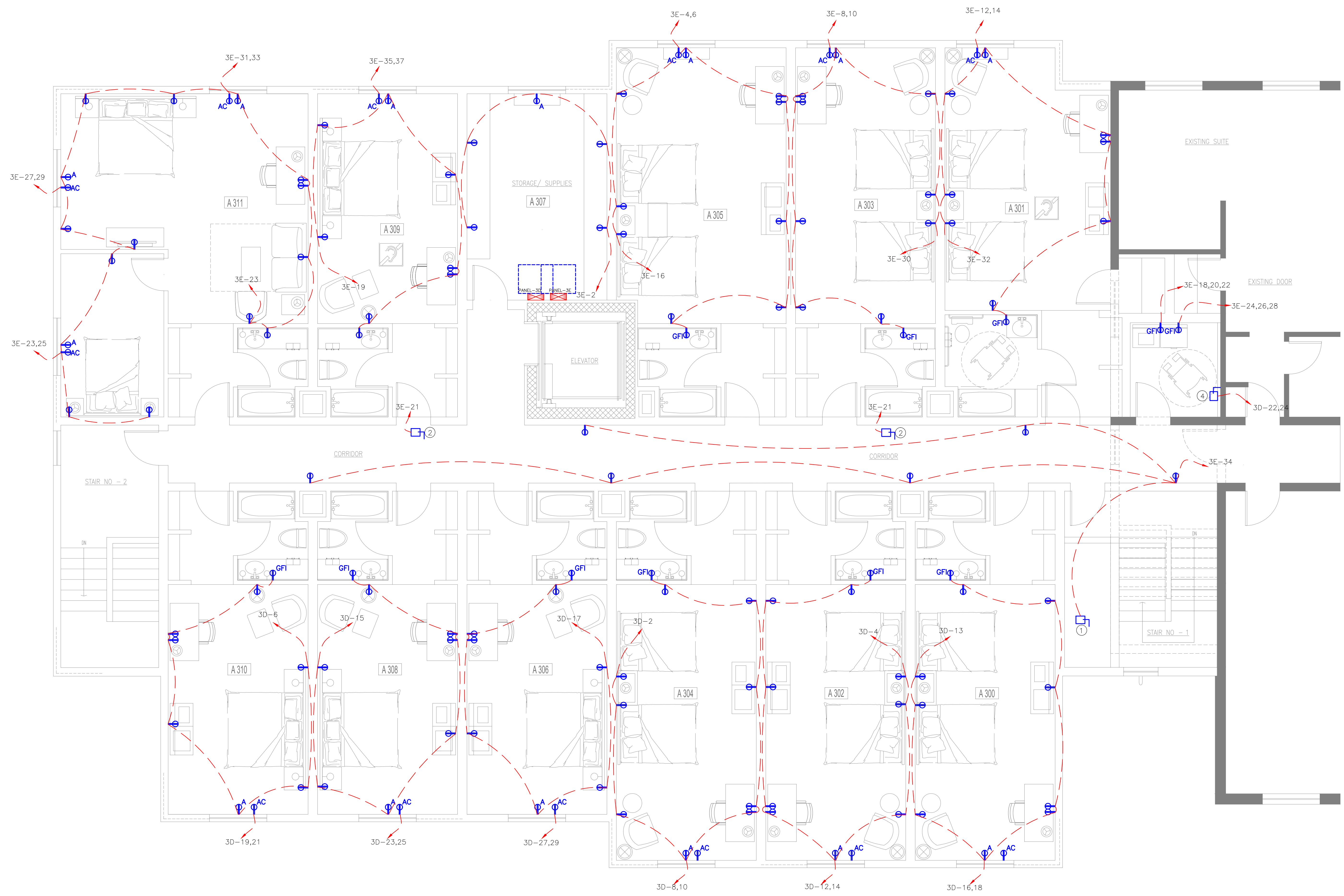


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SHEET 2 OF 4

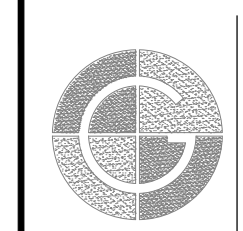
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**ELECTRIC DISTRIBUTION -POWER
SECOND FLOOR PLAN**

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CHECKED BY:	DRAWING NO.:
JOB NO.:	SCALE: 1/4"=1'-0"

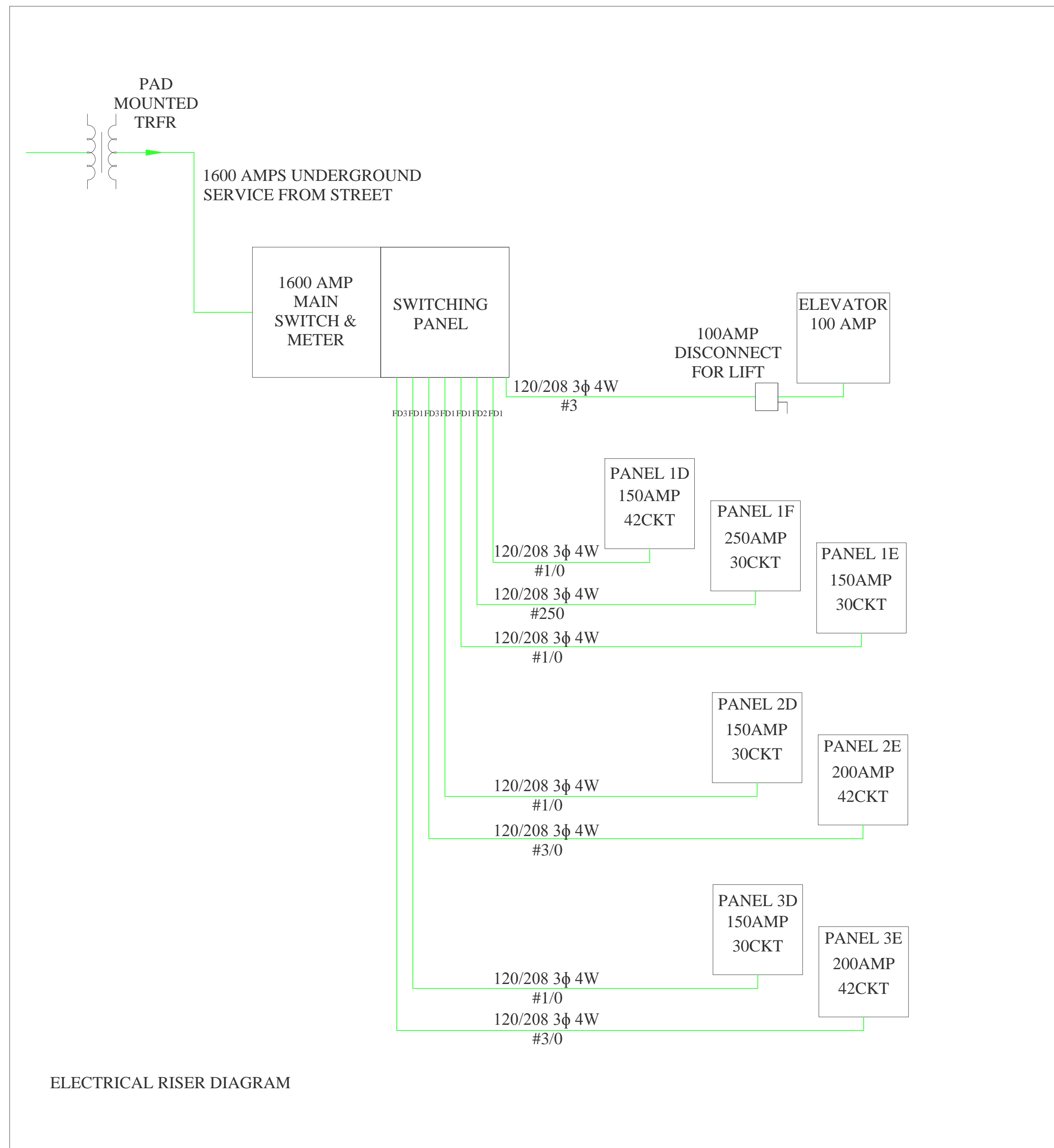
REVISIONS		
#	DESCRIPTION	DATE



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ELECTRICAL RISER DIAGRAM

FEEDER DETAILS			
	FEEDER ID	FEEDER AMPS	FEEDER/CONDUIT SIZE
1.	FD1	150	3#1/0, 1#1/0, 1#6 / 2" ELECTRICAL METALIC TUBING
2.	FD2	250	3#250, 1#250, 1#4 / 2 1/2" ELECTRICAL METALIC TUBING
3.	FD3	200	3#3/0, 1#3/0, 1#6 / 2 1/2" ELECTRICAL METALIC TUBING

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ELECTRICAL RISER DIAGRAM		REVISIONS		
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MDP										1600 AMP. MAIN BUS			
MECHANICAL ROOM										DISTRIBUTION WIRE SIZED FOR COPPER CONDUCTORS		120/208Y VOLTS 3 PHASE 4 WIRE	
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	SIZE	PER PHASE (KVA)			LOAD (W)	SIZE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.		
				A	B	C							
1.	150	PANEL-1D	3#1/0,1#1/0,1#6,	-	-	-	1800	3#1/0,1#1/0,1#6,	PANEL 2D	150	2.		
3.				-	-	-						4.	
5.				-	-	-							6.
7.	250	PANEL-1F	3#250,1#250,1#4,	-	-	-	2100	3#3/0,1#3/0,1#6,	PANEL 2E	200	8.		
9.				-	-	-						10.	
11.				-	-	-							12.
13.	150	PANEL 1E	3#1/0,1#1/0,1#6,	-	-	-	1800	3#1/0,1#1/0,1#6,	PANEL 3D	150	14.		
15.				-	-	-						16.	
17.				-	-	-							18.
19.	100	ELEVATOR	3#3,1#3,1#8,	-	-	-	2100	3#3/0,1#3/0,1#6,	PANEL 3E	200	20.		
21.				-	-	-						22.	
23.				-	-	-							24.
25.		SPACE		-	-	-					26.		
27.		SPACE		-	-	-					28.		
29.		SPACE		-	-	-					30.		

1-D										150A MCB		200 AMP. MAIN BUS	
MECHANICAL ROOM										DISTRIBUTION WIRE SIZED FOR COPPER CONDUCTORS		120/208Y VOLTS 3 PHASE 4 WIRE	
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	SIZE	PER PHASE (KVA)			LOAD (W)	SIZE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.		
				A	B	C							
1.	20	ROOM LTG-A110	1#12,1#12,1#12,	80.5	-	-	1800	1#12,1#12,1#12,	ROOM REC.-A102	20	2.		
3.	20	ROOM REC.-A108	1#12,1#12,1#12,	1440	-	-	165	1#12,1#12,1#12,	CORRIDOR LTG	20	4.		
5.	20	ROOM LTG-A106	1#12,1#12,1#12,	80.5	-	-	83.2	1#12,1#12,1#12,	EMERGENCY LTG	20	6.		
7.	20	ROOM LTG-A104	1#12,1#12,1#12,	93.0	-	-	210	1#12,1#12,1#12,	MEETING ROOM LTG-B113	20	8.		
9.	20	ROOM LTG-A102	1#12,1#12,1#12,	93.0	-	-	140	1#12,1#12,1#12,	EXERCISE RM LTG-B112	20	10.		
11.	20	ROOM REC.-A110	1#12,1#12,1#12,	1440	-	-	211	1#12,1#12,1#12,	ENTRANCE LTG-B111	20	12.		
13.	20	ROOM LTG-A108	1#12,1#12,1#12,	80.5	-	-	115	1#12,1#12,1#12,	MECH RM & LAUND LTG	20	14.		
15.	20	ROOM REC.-A106	1#12,1#12,1#12,	1440	-	-	142	1#12,1#12,1#12,	CORRIDOR LTG	20	16.		
17.	20	ROOM REC.-A104	1#12,1#12,1#12,	1800	-	-	1080	1#12,1#12,1#12,	CORRIDOR REC.	20	18.		
19.	20	EXERCISE REC.ROOM-B112	1#12,1#12,1#12,	2000	-	-	1000	1#12,1#12,1#12,	ENTRANCE RM RECE.	20	20.		
21.	20	LAUNDRY GFI RECE.	1#12,1#12,1#12,	1500	-	-	2000	1#12,1#12,1#12,	MEETING RM RECE.-B113	20	22.		
23.	20	MECH RM RECE.	1#12,1#12,1#12,	500	-	-	1250	2#12,1#12	PTAC UNIT-A102	20	24.		
25.	20	PTAC UNIT-A110	2#12,1#12	1000	-	-	1250	2#12,1#12	PTAC UNIT-A104	20	26.		
27.	20	PTAC UNIT-A108	2#12,1#12	1000	-	-	1250	2#12,1#12	PTAC UNIT-B113-1	20	28.		
29.	20	PTAC UNIT-A106	2#12,1#12	1000	-	-	1000	2#12,1#12	PTAC UNIT-B113-2	20	30.		
31.	20	PTAC UNIT-A106	2#12,1#12	1000	-	-	1000	2#12,1#12	PTAC UNIT-B113-1	20	32.		
33.	20	PTAC UNIT-A106	2#12,1#12	1000	-	-	1000	2#12,1#12	PTAC UNIT-B113-2	20	34.		
35.	20	PTAC UNIT-A106	2#12,1#12	1000	-	-	1000	2#12,1#12	PTAC UNIT-B113-2	20	36.		
37.		SPACE			-	-	1000		SPACE	20	38.		
39.		SPACE			-	-			SPACE		40.		
41.		SPACE			-	-			SPACE		42.		

TOTAL LTG(KW) 1.4937 X 1.0 DEM= 1.4937
TOTAL HVAC(KW) 15.0 X 0.9 DEM= 13.5
TOTAL RECEPT.(KW) 16.0 X 0.7 DEM= 11.2
OTHERS.(KW) X 0.7 DEM=

TOTAL DEMAND= 26.194 X 1.25 SPARE= 32.742
TOTAL LOAD 32.742KW 101.10 AMPS

1-F										250A MCB		350 AMP. MAIN BUS	
MECHANICAL ROOM										DISTRIBUTION WIRE SIZED FOR COPPER CONDUCTORS		120/208Y VOLTS 3 PHASE 4 WIRE	
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	SIZE	LOAD (KW)	PER PHASE (KVA)			LOAD (KW)	SIZE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.	
					A	B	C						
1.	20	UH-G-01(FUTURE)	2#12,1#12	1.0	-	-	0.50	1#12,1#12,1#12,	VRF INDOOR UNITS-1	20	2.		
3.	20			1.0	-	-	0.75	1#12,1#12,1#12,	VRF INDOOR UNITS-2	20	4.		
5.	20	UH-G-02(FUTURE)	2#12,1#12	1.0	-	-	3.744	2#8,1#10	VRF AC OUTDOOR UNIT-2	40	6.		
7.	20			1.0	-	-	3.744						
9.	63	VRF AC OUTDOOR UNIT-1	2#6,1#8	4.2	-	-	10.0	3#3,1#8	DRYER-1	100	10.		
11.	20			4.2	-	-	10.0						
13.	20	LAUNDRY WASHER-1	3#12,1#12	0.6934	-	-	10.0	3#8,1#10	DRYER-2	40	16.		
15.	30			0.6934	-	-	4.0						
17.	30			0.6934	-	-	4.0						
19.	20	LAUNDRY WASHER-2	3#12,1#12	0.50	-	-	4.0	1#12,1#12,1#12,	EXIT SIGN	20	22.		
21.	20			0.50	-	-	0.04						
23.	30	SPACE		0.50	-	-			SPACE		24.		
25.		SPACE		-	-	-			SPACE		26.		
27.		SPACE		-	-	-			SPACE		28.		
29.		SPACE		-	-	-			SPACE		30.		

TOTAL LTG(KW) 0.04 X 1.0 DEM= 0.04
TOTAL HVAC(KW) 17.138 X .9 DEM= 15.424
TOTAL RECEPT.(KW) X .7 DEM=
OTHERS.(KW) 49.58 X .7 DEM= 34.706

TOTAL DEMAND= 50.17 X 1.25 SPARE= 62.712
TOTAL LOAD 62.712KW 193.64 AMPS

1-E										150A MCB		200 AMP. MAIN BUS	
MECHANICAL ROOM										DISTRIBUTION WIRE SIZED FOR COPPER CONDUCTORS		120/208Y VOLTS 3 PHASE 4 WIRE	
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	SIZE	LOAD (W)	PER PHASE (KVA)			LOAD (W)	SIZE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.	
					A	B	C						
1.	20	POOL LTG-1	1#12,1#12,1#12,	315	-	-	1500	1#12,1#12,1#12,	HAND DRYER-1	20	2.		
3.	20	POOL LTG-2	1#12,1#12,1#12,	124	-	-	1500	1#12,1#12,1#12,	HAND DRYER-2	20	4.		
5.	20	POOL LTG-3	1#12,1#12,1#12,	195	-	-	1000	1#12,1#12,1#12,	SPA RECE.	20	6.		
7.		SPACE			-	-			SPACE		8.		
9.	20	STEAM RM/BATHRM LTG	1#12,1#12,1#12,	86	-	-	2730	3#10,1#10	PACKAGED DEHUMIDIFIER-1	30	10.		
11.	20	STEAM RM REC	1#12,1#12,1#12,	1500	-	-	2730						
13.	20	POOL EQP RM REC.	1#12,1#12,1#12,	1800	-	-	2730			30	14.		
15.	20	POOL EQU. RM/SAUNA LTG	1#12,1#12,1#12,	124	-	-	540	1#12,1#12,1#12,	POOL RECE.	20	16.		
17.		SPACE			-	-			SPACE		18.		
19.	40	UH-G-03(FUTURE)	3#8,1#10	4000	-	-	3000	3#10,1#10	STEAM MACHINE	30	20.		
21.	4000			-	-	3000							
23.	30			4000	-	-	3000						
25.		SPACE			-	-			SPACE		26.		
27.		SPACE			-	-			SPACE		28.		
29.		SPACE			-	-			SPACE		30.		

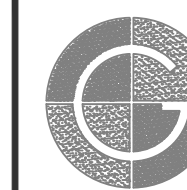
TOTAL LTG (KW) 0.884 X 1.0 DEM= 0.884
TOTAL HVAC(KW) X 1.0 DEM=
TOTAL RECEPT.(KW) 4.840 X .7 DEM= 3.388
OTHERS.(KW) 32.19 X 0.7 DEM= 22.533

TOTAL DEMAND= 26.805 X 1.25 SPARE= 33.5063
TOTAL LOAD 33.5063KW 103.46 AMPS

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ELECTRIC LOAD SCHEDULE	
DRAWN BY:	DATE:
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JOB NO.:	SCALE: N.T.S.

REVISIONS		
#	DESCRIPTION	DATE



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413-458-2712 FAX



**BERKSHIRE HILLS
INN & SUITES**
1350 West Housatonic Street
Pittsfield, Massachusetts

HE2.10

SHEET 1 OF 3

2-D 150A MCB 200 AMP. MAIN BUS												
STORAGE/SUPPLIES DISTRIBUTION WIRE SIZED FOR COPPER CONDUCTORS 120/208Y VOLTS 3 PHASE 4 WIRE												
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	SIZE	LOAD (W)	PER PHASE (KVA)			LOAD (W)	SIZE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
					A	B	C					
1.	20	ROOM LTG-A210	1#12,1#12,1#12.	80.5	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A204	20	2.
3.	20	ROOM LTG-A208	1#12,1#12,1#12.	80.5	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A202	20	4.
5.	20	ROOM LTG-A206	1#12,1#12,1#12.	80.5	-	-	-	1440.0	1#12,1#12,1#12.	ROOM REC.-A210	20	6.
7.	20	ROOM LTG-A204	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A204	20	8.
9.	20	ROOM LTG-A202	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A204	2P	10.
11.	20	ROOM LTG-A200	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A202	20	12.
13.	20	ROOM REC.-A200	1#12,1#12,1#12.	1800.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A202	2P	14.
15.	20	ROOM REC.-A208	1#12,1#12,1#12.	1440.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A200	20	16.
17.	20	ROOM REC.-A206	1#12,1#12,1#12.	1440.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A200	2P	18.
19.	20	PTAC UNIT-A210	2#12,1#12	1000.0	-	-	-	83.8	1#12,1#12,1#12.	EMERGENCY LIGHTING & EXIT SIGN	20	20.
21.	2P	PTAC UNIT-A210	2#12,1#12	1000.0	-	-	-	1000.0	2#12,1#12	UH-F-01(FUTURE)	20	22.
23.	20	PTAC UNIT-A208	2#12,1#12	1000.0	-	-	-	1000.0		SPACE	2P	24.
25.	2P	PTAC UNIT-A208	2#12,1#12	1000.0	-	-	-			SPACE		26.
27.	20	PTAC UNIT-A206	2#12,1#12	1000.0	-	-	-			SPACE		28.
29.	2P	PTAC UNIT-A206	2#12,1#12	1000.0	-	-	-			SPACE		30.
TOTAL LTG(KW) .804 X1.0 DEM= .6048				TOTAL DEMAND= 20.958 X1.25 SPARE= 26.198								
TOTAL HVAC(KW) 13.5 X0.9 DEM= 12.15												
TOTAL RECEPT.(KW) 9.72 X0.7 DEM= 6.804												
OTHERS(KW) 2.0 X0.7 DEM= 1.4												

3-E 200A MCB 250 AMP. MAIN BUS												
STORAGE/SUPPLIES DISTRIBUTION WIRE SIZED FOR COPPER CONDUCTORS 120/208Y VOLTS 3 PHASE 4 WIRE												
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	SIZE	LOAD (W)	PER PHASE (KVA)			LOAD (W)	SIZE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
					A	B	C					
1.	20	ROOM LTG-A311	1#12,1#12,1#12.	106.0	-	-	-	900.0	1#12,1#12,1#12.	STORAGE / SUPPLIES REC. A207	20	2.
3.	20	ROOM LTG-A309	1#12,1#12,1#12.	80.5	-	-	-	1250	2#12,1#12	PTAC UNIT-A305	20	4.
5.	20	STORAGE / SUPPLIES LTG A307	1#12,1#12,1#12.	105.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A305	2P	6.
7.	20	ROOM LTG-A305	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A303	20	8.
9.	20	ROOM LTG-A303	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A303	2P	10.
11.	20	ROOM LTG-A301	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A301	20	12.
13.	20	CORRIDOR LTG	1#12,1#12,1#12.	124.0	-	-	-	1250			2P	14.
15.	20	CORRIDOR LTG	1#12,1#12,1#12.	147.0	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A305	20	16.
17.	20	ROOM REC.-A311	1#12,1#12,1#12.	1800.0	-	-	-	500.0	3#12,1#12	LAUNDRY WASHER	20	18.
19.	20	ROOM REC.-A309	1#12,1#12,1#12.	1440.0	-	-	-	500.0	3#12,1#12	LAUNDRY WASHER	20	20.
21.	20	VRF INDOOR UNITS	1#12,1#12,1#12.	500.0	-	-	-	500.0			3P	22.
23.	20	PTAC UNIT-A311-1	2#12,1#12	750	-	-	-	4000.0	3#8,1#10	LAUNDRY DRYER	40	24.
25.	2P	PTAC UNIT-A311-1	2#12,1#12	750	-	-	-	4000.0	3#8,1#10	LAUNDRY DRYER		26.
27.	20	PTAC UNIT-A311-2	2#12,1#12	900	-	-	-	4000.0			3P	28.
29.	2P	PTAC UNIT-A311-2	2#12,1#12	900	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A303	20	30.
31.	20	PTAC UNIT-A311-3	2#12,1#12	900	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A301	20	32.
33.	2P	PTAC UNIT-A311-3	2#12,1#12	900	-	-	-	1260.0	1#12,1#12,1#12.	CORRIDOR REC.	20	34.
35.	20	PTAC UNIT-A309	2#12,1#12	1000.0	-	-	-			SPACE		36.
37.	2P	PTAC UNIT-A309	2#12,1#12	1000.0	-	-	-			SPACE		38.
39.		SPACE			-	-	-			SPACE		40.
41.		SPACE			-	-	-			SPACE		42.
TOTAL LTG(KW) .841 X1.0 DEM= .841				TOTAL DEMAND= 31.441 X1.25 SPARE= 39.301KW								
TOTAL HVAC(KW) 15.1 X0.9 DEM= 13.59												
TOTAL RECEPT.(KW) 10.8 X0.7 DEM= 7.56												
OTHERS(KW) 13.5 X0.7 DEM= 9.45												

2-E 200A MCB 250AMP. MAIN BUS												
STORAGE/SUPPLIES DISTRIBUTION WIRE SIZED FOR COPPER CONDUCTORS 120/208Y VOLTS 3 PHASE 4 WIRE												
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	SIZE	LOAD (W)	PER PHASE (KVA)			LOAD (W)	SIZE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
					A	B	C					
1.	20	ROOM LTG-A211	1#12,1#12,1#12.	106.0	-	-	-	900.0	1#12,1#12,1#12.	STORAGE / SUPPLIES REC. A207	20	2.
3.	20	ROOM LTG-A209	1#12,1#12,1#12.	80.5	-	-	-	1250	2#12,1#12	PTAC UNIT-A205	20	4.
5.	20	STORAGE / SUPPLIES LTG A207	1#12,1#12,1#12.	105.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A205	2P	6.
7.	20	ROOM LTG-A205	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A203	20	8.
9.	20	ROOM LTG-A203	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A203	2P	10.
11.	20	ROOM LTG-A201	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A201	20	12.
13.	20	CORRIDOR LTG	1#12,1#12,1#12.	124.0	-	-	-	1250			2P	14.
15.	20	CORRIDOR LTG	1#12,1#12,1#12.	147.0	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A205	20	16.
17.	20	ROOM REC.-A211	1#12,1#12,1#12.	1800.0	-	-	-	500.0	3#12,1#12	LAUNDRY WASHER	20	18.
19.	20	ROOM REC.-A209	1#12,1#12,1#12.	1440.0	-	-	-	500.0	3#12,1#12	LAUNDRY WASHER	20	20.
21.	20	VRF INDOOR UNITS	1#12,1#12,1#12.	500.0	-	-	-	500.0			3P	22.
23.	20	PTAC UNIT-A211-1	2#12,1#12	750	-	-	-	4000.0	3#8,1#10	LAUNDRY DRYER	40	24.
25.	2P	PTAC UNIT-A211-1	2#12,1#12	750	-	-	-	4000.0	3#8,1#10	LAUNDRY DRYER		26.
27.	20	PTAC UNIT-A211-2	2#12,1#12	900	-	-	-	4000.0			3P	28.
29.	2P	PTAC UNIT-A211-2	2#12,1#12	900	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A203	20	30.
31.	20	PTAC UNIT-A211-3	2#12,1#12	900	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A201	20	32.
33.	2P	PTAC UNIT-A211-3	2#12,1#12	900	-	-	-	1260.0	1#12,1#12,1#12.	CORRIDOR REC.	20	34.
35.	20	PTAC UNIT-A209	2#12,1#12	1000.0	-	-	-			SPACE		36.
37.	2P	PTAC UNIT-A209	2#12,1#12	1000.0	-	-	-			SPACE		38.
39.		SPACE			-	-	-			SPACE		40.
41.		SPACE			-	-	-			SPACE		42.
TOTAL LTG(KW) .841 X1.0 DEM= .841				TOTAL DEMAND= 31.441 X1.25 SPARE= 39.301								
TOTAL HVAC(KW) 15.1 X0.9 DEM= 13.59												
TOTAL RECEPT.(KW) 10.8 X0.7 DEM= 7.56												
OTHERS(KW) 13.5 X0.7 DEM= 9.45												

3-D 150A MCB 200 AMP. MAIN BUS												
STORAGE/SUPPLIES DISTRIBUTION WIRE SIZED FOR COPPER CONDUCTORS 120/208Y VOLTS 3 PHASE 4 WIRE												
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	SIZE	LOAD (W)	PER PHASE (KVA)			LOAD (W)	SIZE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
					A	B	C					
1.	20	ROOM LTG-A310	1#12,1#12,1#12.	80.5	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A304	20	2.
3.	20	ROOM LTG-A308	1#12,1#12,1#12.	80.5	-	-	-	1800.0	1#12,1#12,1#12.	ROOM REC.-A302	20	4.
5.	20	ROOM LTG-A306	1#12,1#12,1#12.	80.5	-	-	-	1440.0	1#12,1#12,1#12.	ROOM REC.-A310	20	6.
7.	20	ROOM LTG-A304	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A304	20	8.
9.	20	ROOM LTG-A302	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A304	2P	10.
11.	20	ROOM LTG-A300	1#12,1#12,1#12.	93.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A302	20	12.
13.	20	ROOM REC.-A300	1#12,1#12,1#12.	1800.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A302	2P	14.
15.	20	ROOM REC.-A308	1#12,1#12,1#12.	1440.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A300	20	16.
17.	20	ROOM REC.-A306	1#12,1#12,1#12.	1440.0	-	-	-	1250	2#12,1#12	PTAC UNIT-A300	2P	18.
19.	20	PTAC UNIT-A310	2#12,1#12	1000.0	-	-	-	83.8	1#12,1#12,1#12.	EMERGENCY LIGHTING & EXIT SIGN	20	20.
21.	2P	PTAC UNIT-A310	2#12,1#12	1000.0	-	-	-	1000.0	2#12,1#12	UH-S-01(FUTURE)	20	22.
23.	20	PTAC UNIT-A308	2#12,1#12	1000.0	-	-	-	1000.0			2P	24.
25.	2P	PTAC UNIT-A308	2#12,1#12	1000.0	-	-	-			SPACE		26.
27.	20	PTAC UNIT-A306	2#12,1#12	1000.0	-	-	-			SPACE		28.
29.	2P	PTAC UNIT-A306	2#12,1#12	1000.0	-	-	-			SPACE		30.
TOTAL LTG(KW) .604 X1.0 DEM= .6048				TOTAL DEMAND= 20.958 X1.25 SPARE= 26.198								
TOTAL HVAC(KW) 13.5 X0.9 DEM= 12.15												
TOTAL RECEPT.(KW) 9.72 X0.7 DEM= 6.804												
OTHERS(KW) 2.0 X0.7 DEM= 1.4												

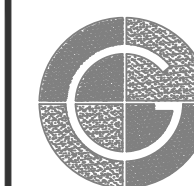
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ELECTRIC LOAD SCHEDULE

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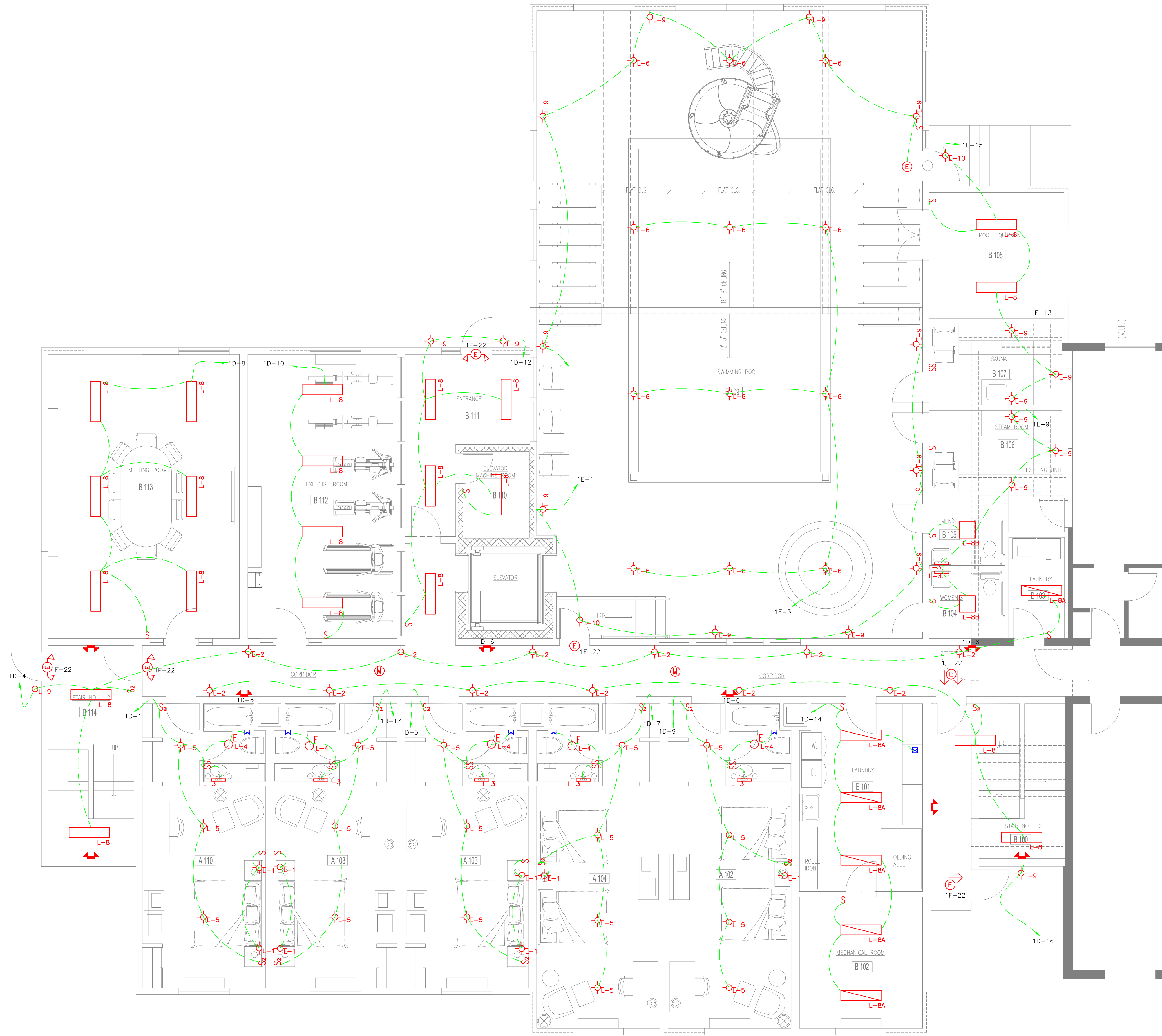


**BERKSHIRE HILLS
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1350 West Housatonic Street
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SHEET 2 OF 3

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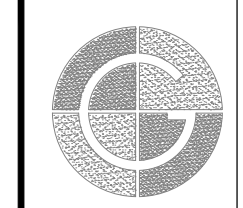


**ELECTRIC DISTRIBUTION -LIGHTING
GROUND FLOOR PLAN**

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JOB NO.:	SCALE: 3/16"=1'-0"

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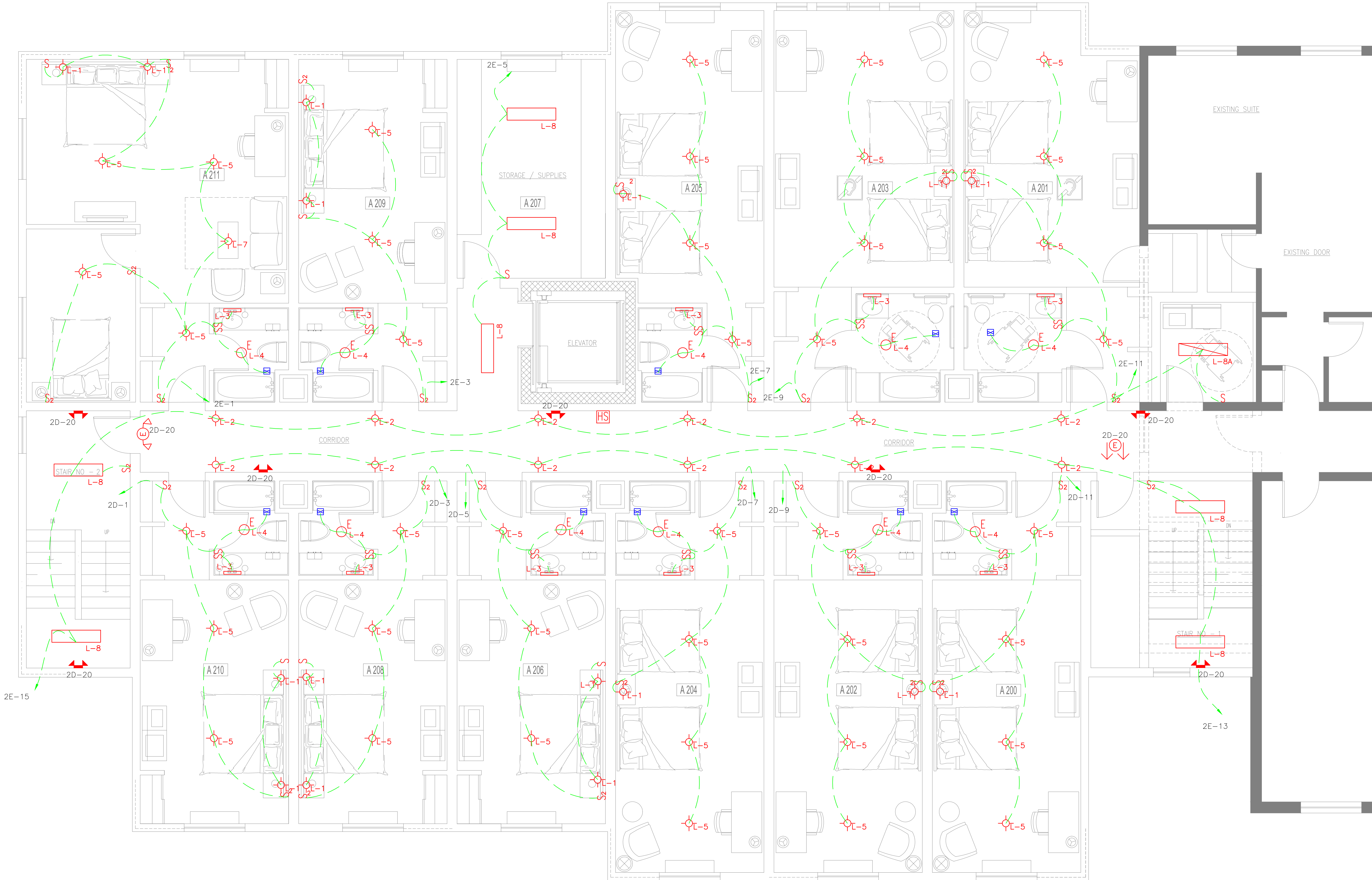
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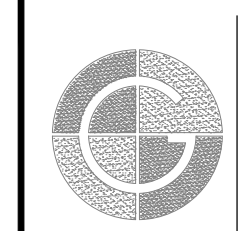


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**ELECTRIC DISTRIBUTION -LIGHTING
FIRST FLOOR PLAN**

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CHECKED BY:	DRAWING NO.:
JOB NO.:	SCALE: 1/4"=1'-0"

REVISIONS		
#	DESCRIPTION	DATE

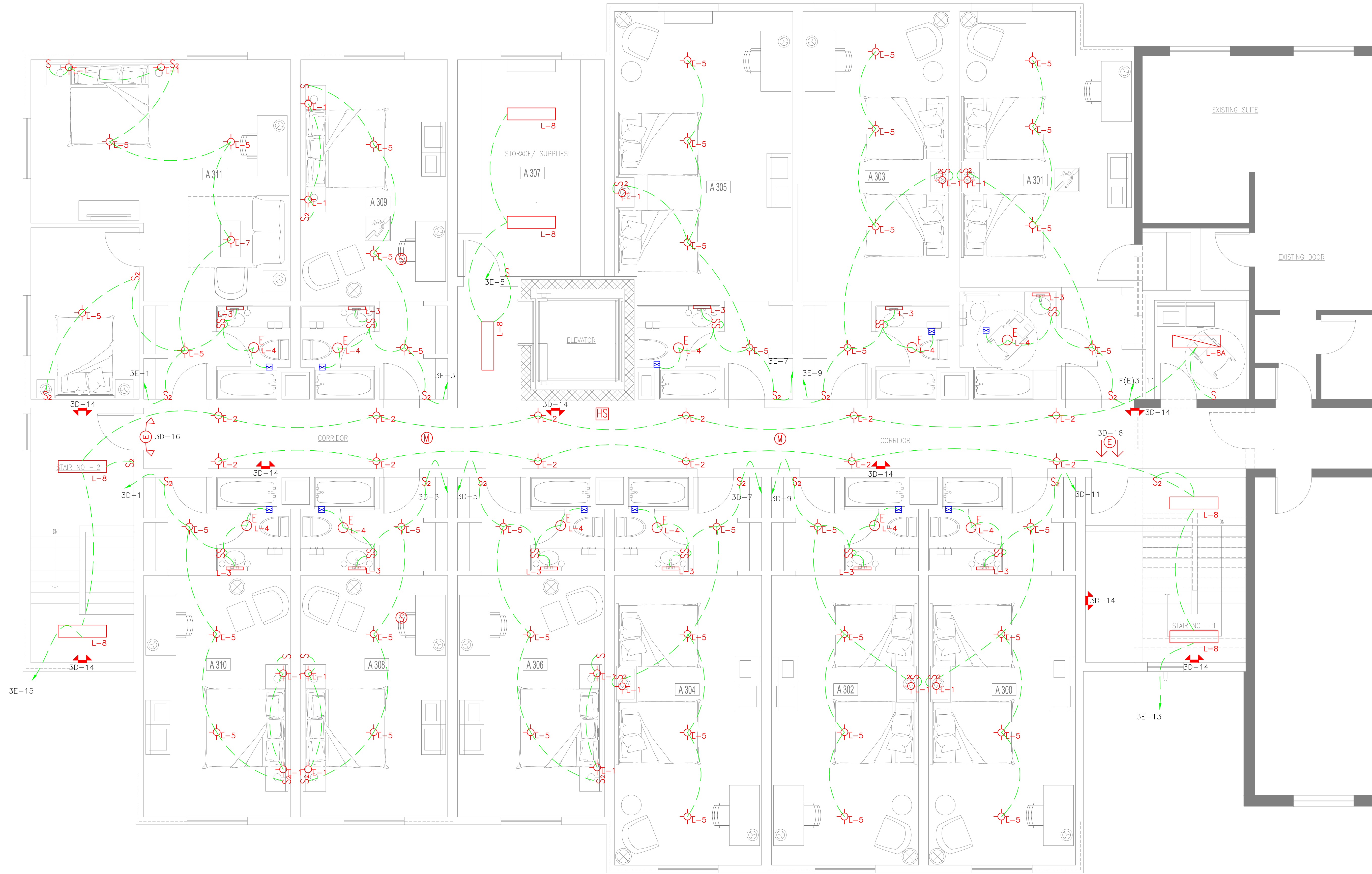


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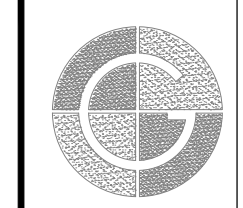


**ELECTRIC DISTRIBUTION -LIGHTING
SECOND FLOOR PLAN**

DRAWN BY:	DATE:
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JOB NO.:	SCALE: 1/4"=1'-0"

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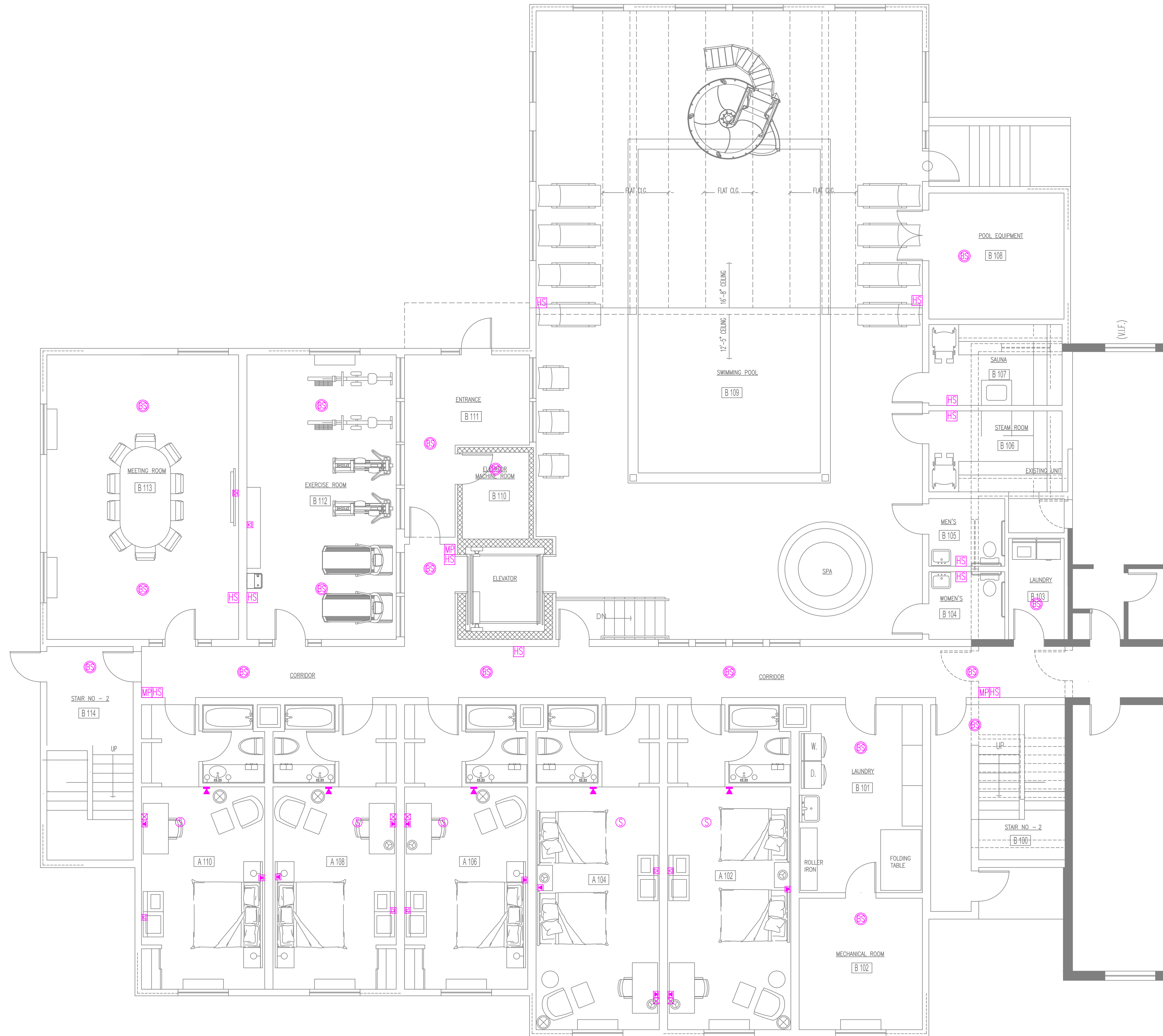


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SHEET 3 OF 4

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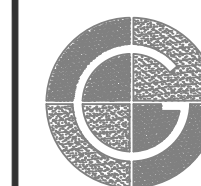


**ELECTRIC DISTRIBUTION -ELV
GROUND FLOOR PLAN**

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 JOB NO.: _____ SCALE: 3/16"=1'-0"

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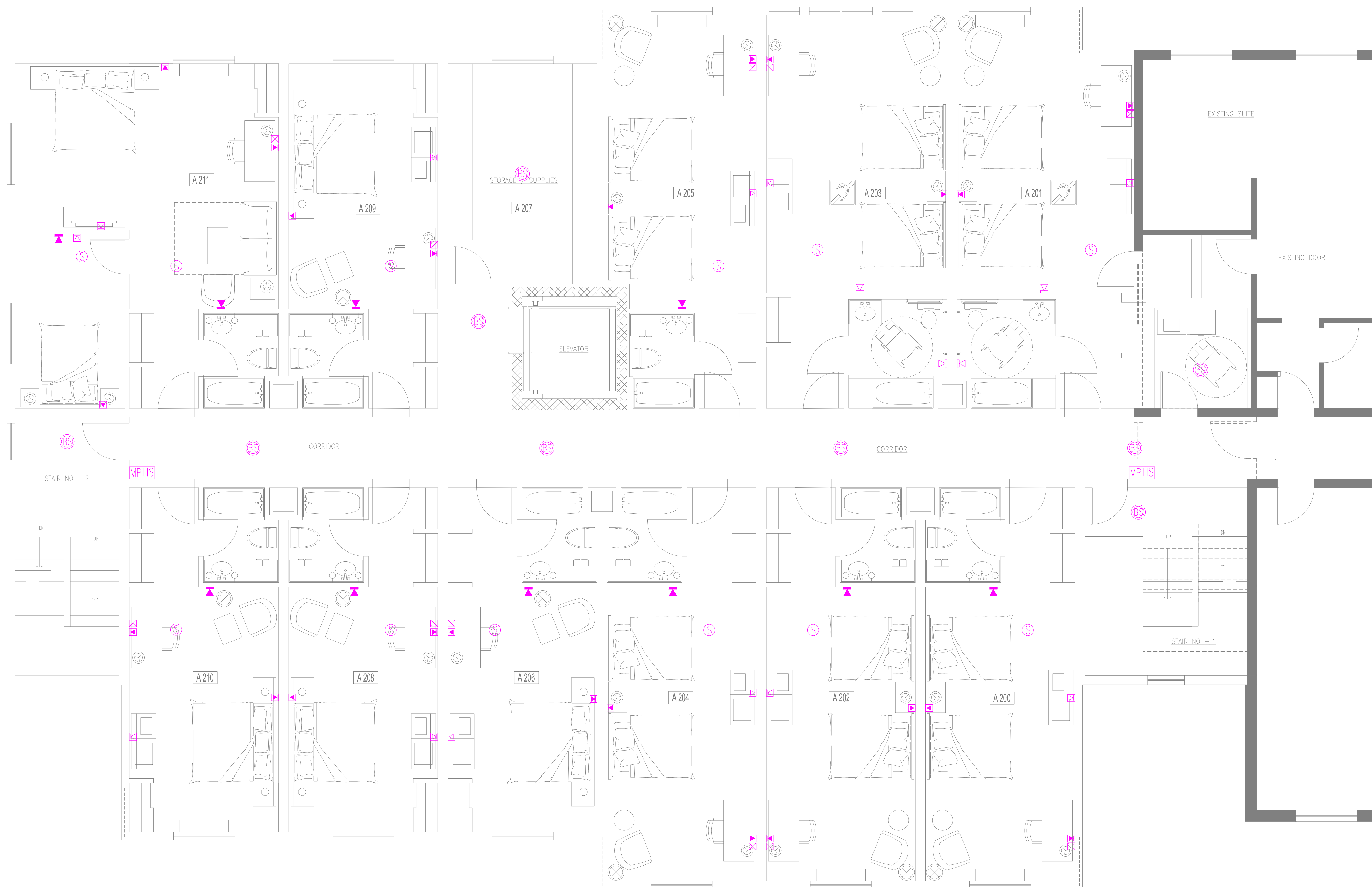
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SHEET 4 OF 4

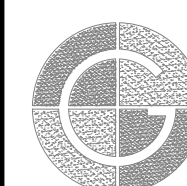


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**ELECTRIC DISTRIBUTION -ELV
FIRST FLOOR PLAN**

DRAWN BY:	DATE:
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JOB NO.:	SCALE: 1/4"=1'-0"

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#	DESCRIPTION	DATE



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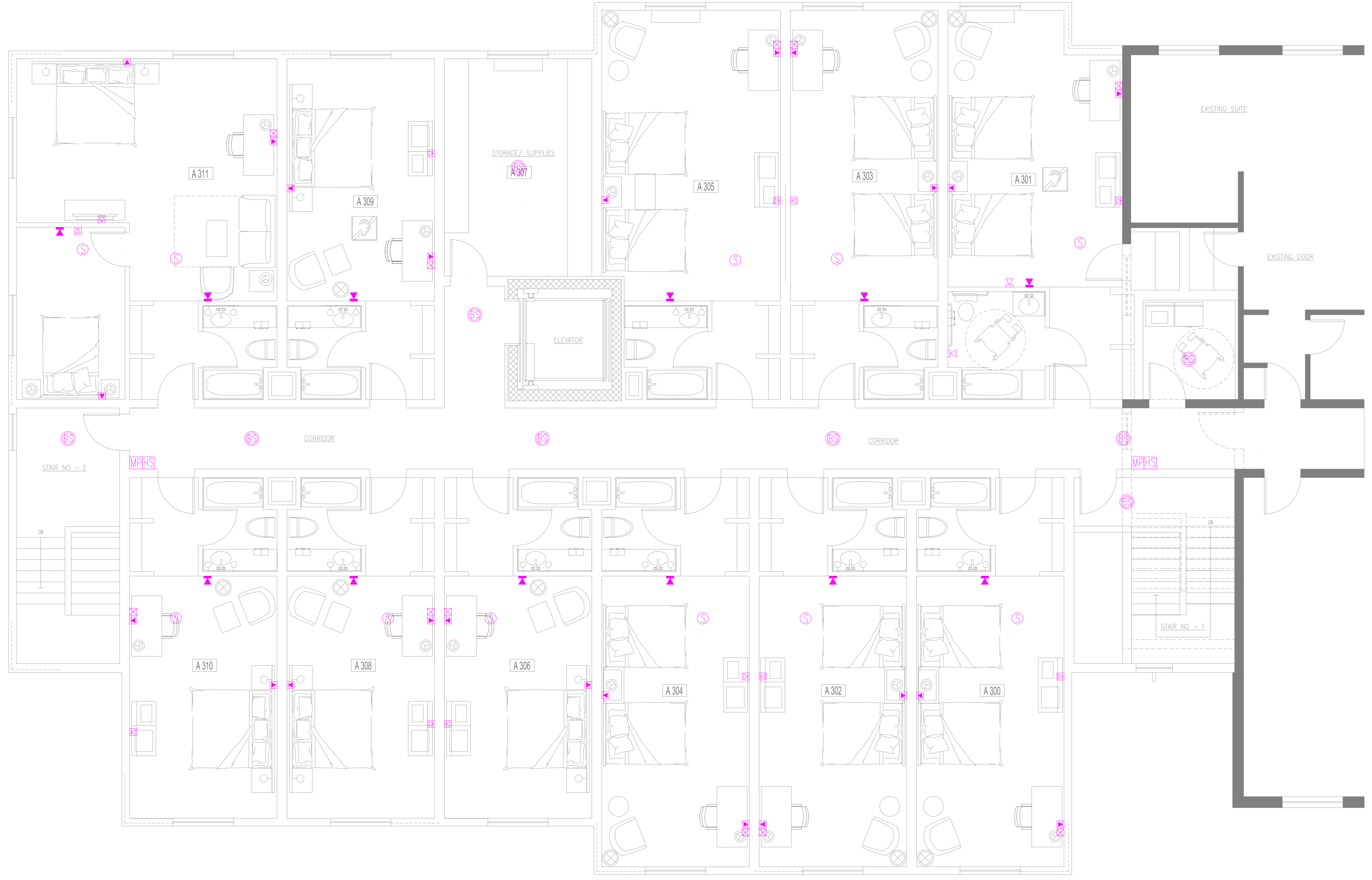


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**ELECTRIC DISTRIBUTION -ELV
SECOND FLOOR PLAN**

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JOB NO.:	SCALE: 1/4"=1'-0"

REVISIONS		
#	DESCRIPTION	DATE

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