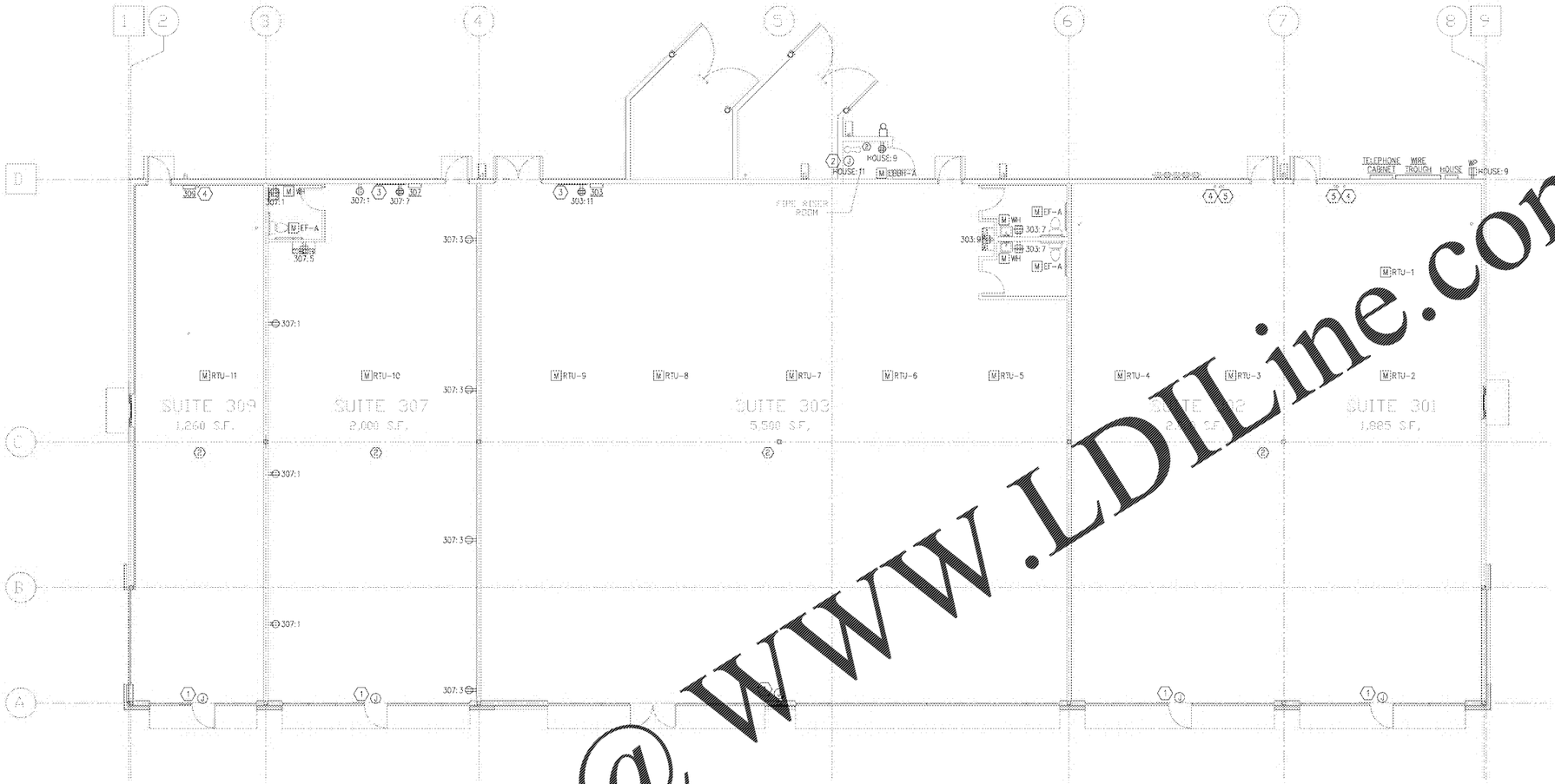

1 E-102 POWER FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF OUTLETS AND DEVICES.
2. REFER TO EQUIPMENT CONNECTION SCHEDULE FOR INFORMATION REGARDING MECHANICAL AND PLUMBING EQUIPMENT.

KEY NOTES ⟨#⟩

1. WEATHERPROOF JUNCTION BOX FOR SIGNAGE. PROVIDE 1" CONDUIT STUBBED FROM JUNCTION BOX INTO TENANT SPACE. COORDINATE FINAL LOCATION AND MOUNTING HEIGHT OF JUNCTION BOX WITH ARCHITECT PRIOR TO ROUGH-IN.
2. JUNCTION BOX FOR FIRE ALARM CONTROL PANEL. COORDINATE LOCATION AND CONNECTION REQUIREMENTS WITH EQUIPMENT.
3. PROVIDE AND INSTALL 4'-0" X 8'-0" FIRE RETARDANT PLYWOOD BACKBOARD, PAINTED TO MATCH PHONE/DATA. PROVIDE #6 GROUND TO GROUND BUS IN PANEL BOARD. PROVIDE (1) 2" PVC CONDUIT WITH PULLSTRING FROM TELEPHONE COMPANY PULLBOX. COORDINATE LOCATION AND TERMINATION REQUIREMENTS WITH SERVICE PROVIDER PRIOR TO INSTALLATION.
4. PROVIDE ONE (1) 1" PVC CONDUIT WITH PULLSTRING TO TELEPHONE CABINET. COORDINATE LOCATION AND TERMINATION REQUIREMENTS WITH SERVICE PROVIDER PRIOR TO INSTALLATION. CONDUIT SHALL BE STUBBED UP AND CAPPED WITHIN TENANT SHELL SPACE.
5. PROVIDE TWO (2) 2.5" CONDUITS WITH PULLSTRING. CONDUIT SHALL BE STUBBED UP AND CAPPED WITHIN TENANT SHELL SPACE AND BELOW METER BANK WIRE TROUGH.

PANELBOARD HOUSE SCHEDULE

VOLTAGE: 208Y/120V-3ø
AIC: 22K AIC
LOCATION: EXTERIOR

BUS AMPERAGE: 200A
MAIN: 150A MCB
MOUNTING: SURFACE

LOAD	DESCRIPTION	WIRE & CONDUIT	CB	KVA	#	ø	#	KVA	CB	WIRE & CONDUIT	DESCRIPTION	LOAD
HVAC	EBBH-A	2#12, #12G ~ 0.75"C	15/1	0.5	1	A	2	3.1	30/3	4#10, #10G ~ 0.75"C	RTU-1	HVAC
LTG	SITE LTG	2#12, #12G ~ 0.75"C	20/1	1.0	3	B	4	3.1	----	----	---	HVAC
LTG	EXTERIOR LTG	2#12, #12G ~ 0.75"C	20/1	0.4	5	C	6	3.1	---	---	---	HVAC
LTG	MOUSE LTG	2#12, #12G ~ 0.75"C	20/1	0.1	7	A	8	3.8	50/3	4#6, #10G ~ 1.25"C	RTU-2	HVAC
REC	HOUSE REC	2#12, #12G ~ 0.75"C	20/1	0.5	9	B	10	3.8	---	---	---	HVAC
OTHR	FACP	2#12, #12G ~ 0.75"C	20/1	0.5	11	C	12	3.8	---	---	---	HVAC
---	SPACE	---	---	---	13	A	14	2.6	30/3	4#10, #10G ~ 0.75"C	RTU-3	HVAC
---	SPACE	---	---	---	15	B	16	2.6	---	---	---	HVAC
---	SPACE	---	---	---	17	C	18	2.6	---	---	---	HVAC
---	SPACE	---	---	---	19	A	20	2.6	30/3	4#10, #10G ~ 0.75"C	RTU-4	HVAC
---	SPACE	---	---	---	21	B	22	2.6	---	---	---	HVAC
---	SPACE	---	---	---	23	C	24	2.6	---	---	---	HVAC
---	SPACE	---	---	---	25	A	26	---	---	---	SPACE	---
---	SPACE	---	---	---	27	B	28	---	---	---	SPACE	---
---	SPACE	---	---	---	29	C	30	---	---	---	SPACE	---
---	SPACE	---	---	---	31	A	32	---	---	---	SPACE	---
---	SPACE	---	---	---	33	B	34	---	---	---	SPACE	---
---	SPACE	---	---	---	35	C	36	---	---	---	SPACE	---
---	SPACE	---	---	---	37	A	38	---	---	---	SPACE	---
---	SPACE	---	---	---	39	B	40	---	---	---	SPACE	---
---	SPACE	---	---	---	41	C	42	---	---	---	SPACE	---

NOTES:
1. PROVIDE FULLY RATED BREAKER AIC AND BUS BRACING RMS SYMMETRICAL AMPERES.

A	B	C
12.7	13.6	13.0

	CONNECTED	DEMAND
LIGHTING	1.5	1.5
RECEPTACLE	0.5	0.5
LARGEST MTR	0.0	0.0
MOTORS	0.0	0.0
HVAC	36.8	36.8
KITCHEN	0.0	0.0
OTHER	0.5	0.5
TOTAL KVA	39.3	39.3
TOTAL AMPS	109.1	109.1

PANELBOARD 303 SCHEDULE

VOLTAGE: 208Y/120V-3ø
AIC: 22K AIC
LOCATION: SUITE 303

BUS AMPERAGE: 400A
MAIN: MLO
MOUNTING: SURFACE

LOAD	DESCRIPTION	WIRE & CONDUIT	CB	KVA	#	ø	#	KVA	CB	WIRE & CONDUIT	DESCRIPTION	LOAD
MTR	EF-A	2#12, #12G ~ 0.75"C	20/1	0.1	1	A	2	3.5	40/3	4#8, #10G ~ 1"C	RTU-5	HVAC
KIT	WH	2#6, #10G ~ 1"C	40/1	3.6	3	B	4	3.5	----	----	---	HVAC
KIT	WH	2#6, #10G ~ 1"C	40/1	3.6	5	C	6	3.5	---	---	---	HVAC
REC	RESTROOM	2#12, #12G ~ 0.75"C	20/1	0.4	7	A	8	3.1	30/3	4#10, #10G ~ 0.75"C	RTU-6	HVAC
REC	WATER FTN	2#12, #12G ~ 0.75"C	20/1	0.5	9	B	10	3.1	---	---	---	HVAC
REC	TELE BOARD	2#12, #12G ~ 0.75"C	20/1	0.4	11	C	12	3.1	---	---	---	HVAC
---	SPACE	---	---	---	13	A	14	2.6	30/3	4#10, #10G ~ 0.75"C	RTU-7	HVAC
---	SPACE	---	---	---	15	B	16	2.6	---	---	---	HVAC
---	SPACE	---	---	---	17	C	18	2.6	---	---	---	HVAC
---	SPACE	---	---	---	19	A	20	2.6	30/3	4#10, #10G ~ 0.75"C	RTU-8	HVAC
---	SPACE	---	---	---	21	B	22	2.6	---	---	---	HVAC
---	SPACE	---	---	---	23	C	24	2.6	---	---	---	HVAC
---	SPACE	---	---	---	25	A	26	3.1	30/3	4#10, #10G ~ 0.75"C	RTU-9	HVAC
---	SPACE	---	---	---	27	B	28	3.1	---	---	---	HVAC
---	SPACE	---	---	---	29	C	30	3.1	---	---	---	HVAC
---	SPACE	---	---	---	31	A	32	---	---	---	SPACE	---
---	SPACE	---	---	---	33	B	34	---	---	---	SPACE	---
---	SPACE	---	---	---	35	C	36	---	---	---	SPACE	---
---	SPACE	---	---	---	37	A	38	---	---	---	SPACE	---
---	SPACE	---	---	---	39	B	40	---	---	---	SPACE	---
---	SPACE	---	---	---	41	C	42	---	---	---	SPACE	---

NOTES:
1. PROVIDE FULLY RATED BREAKER AIC AND BUS BRACING RMS SYMMETRICAL AMPERES.

A	B	C
15.4	19.0	18.9

	CONNECTED	DEMAND
LIGHTING	0.0	0.0
RECEPTACLE	1.3	1.3
LARGEST MTR	0.1	0.1
MOTORS	0.0	0.0
HVAC	44.7	44.7
KITCHEN	7.2	7.2
OTHER	0.0	0.0
TOTAL KVA	53.3	53.3
TOTAL AMPS	148.0	148.0

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PROFESSIONAL SEAL:
GEORGIA REGISTERED No. PE043742 PROFESSIONAL 11/19/20 ENGINEER ERIN KEENEY-CAIN

PROJECT TITLE:
MARKET PLACE AT LOCUST GROVE SHOPS PHASE 2
LOCUST GROVE, GEORGIA

PROJECT INFO:
4959 BILL GARDNER PARKWAY
LOCUST GROVE, GA 30248

OWNER:
IP ILG, LLC
JACOB LANG
912.655.3438

PRINT RECORD

Description	Date

REVISION

No.	Description	Date

POWER FLOOR PLAN

Project number	D20-101
Date	10/26/2020
Drawn by	EKC
Checked by	EKC

E-102

Scale AS NOTED

ISSUED FOR CONSTRUCTION