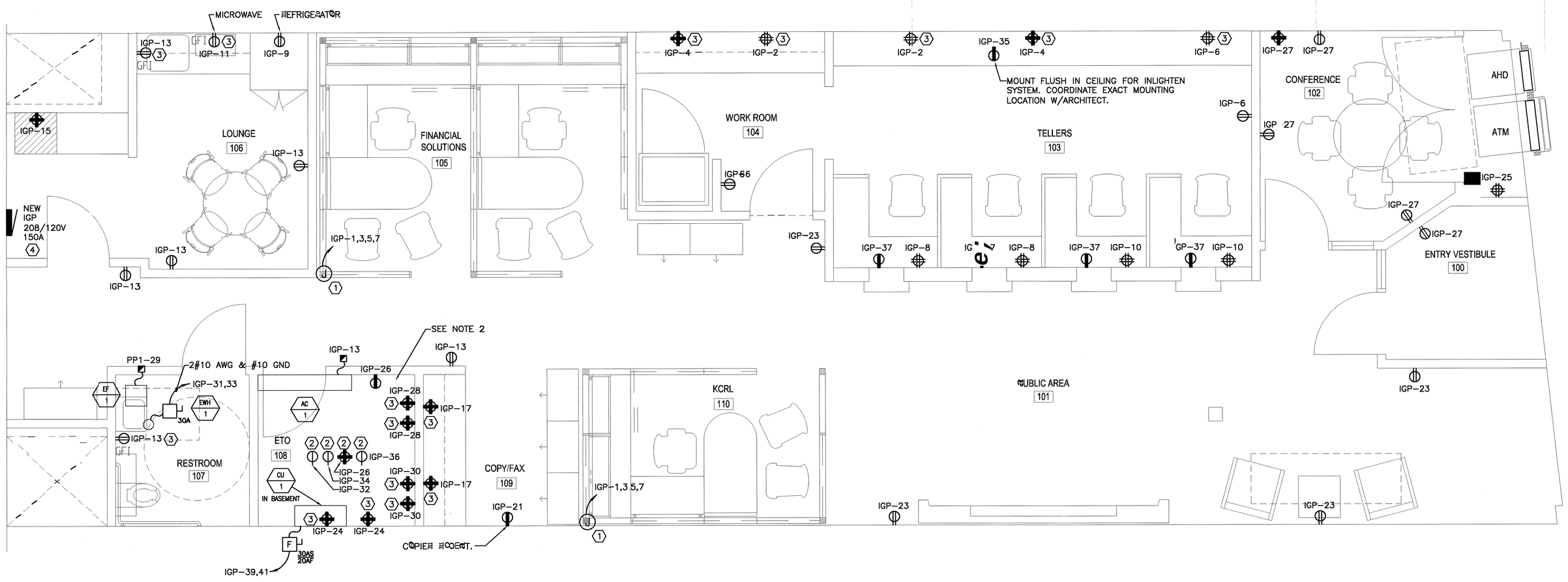
DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
MODULAR FURNITURE FEED	0.5			1	20		20	2	0.8			RECEPTS TELLER AREA
MODULAR FURNITURE FEED		0.5		3	20		20	4		0.8		RECEPTS TELLER AREA
MODULAR FURNITURE FEED			0.5	5	20		20	6			0.8	RECEPTS TELLER AREA
MODULAR FURNITURE FEED	0.5			7	20		20	8	0.8			RECEPTS TELLER STATIONS
REFRIGERATOR BREAK RM.		1.0		9	20		20	10		0.8		RECEPTS TELLER STATIONS
MICROWAVE BREAK RM.			1.0	11	20		20	12			1.4	LTG. RMS 100–104
RECEPTS RMS. 106, 107	0.9			13	20		30	14	2.0			
CCTV EQUIPMENT RECEPT		1.0		15	20			16		2.0		HVAC UNIT (2)
RECEPTS COPY/FAX			0.8	17	20			18			2.0	
(2) CELLAR LIGHTS	1.0			19	20		20	20				UNSWITCHED LIGHTS/EXITS/EGRESS
COPIER RECEPT RM. 109		1.0		21	20		20	22				SPARE
RECEPTS PUBLIC SPACE			0.8	23	20		20	24			0.8	ETO RM. RECEPTS
ATM RECEPT	0.5			25	20		20	26	0.6			ETO RM. RECEPTS
RECEPTS CONFERENCE		1.1		27	20		20	28		0.8		ETO RM. RECEPTS
LTG. RMS. 105–110			1.3	29	20		20	30			0.8	ETO RM. RECEPTS
EWH–1 (4.6 KW)	2.3			31	30		20	32	1.0			ETO RACK RECEPT.
		2.3		33			20	34		1.0		ETO RACK RECEPT.
TELLER STATION IG RECEPTS			0.6	35	20		20	36			1.0	ETO RACK RECEPT.
TELLER STATION IG RECEPTS	0.4			37	20		20	38				SPARE
ETO RM. CONDENSING UNIT		1.4		39	20		20	40				SPARE
			1.4	41			20	42				SPARE
SUB–TOTAL	6.1	8.3	6.4			NEUTRAL BUS / GROUND BUS			5.2	5.4	6.8	SUB–TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	11.3	PANEL NO. EXISTING IGP
MAIN BREAKER: 150 AMP TRIP	TOTAL kVA B	13.7	
MOUNTING: SURFACE	TOTAL kVA C	13.2	LOCATION LOUNGE 106
SC RATING: 10,000 AIC	TOTAL kVA	38.2	

NOTES: 1. PANELBOARD TO BE PROVIDED W/ISOLATED GROUND BUS.
(2) RE–FEED EXISTING BRANCH CIRCUIT FROM NEW PANELBOARD.



A1 POWER PLAN

3/8" = 1'–0"

NOTES:

1. SEE SHEET E–0.0 FOR LEGEND AND GENERAL NOTES.
2. PROVIDE GROUND BAR. GROUNDING FROM BAR TO RACKS AND CABLE TRAY AS DESCRIBED ON SHEET D–1A. GROUND BAR TO BUILDING STEEL OR WATER MAIN. ALL GROUND WIRING TO BE GREEN, INSULATED #6 CONDUCTORS.
3. FURNISH AND INSTALL CABLE TRAY AS SPECIFIED AND SHOWN ON DRAWING D–1A.

KEYED NOTES:

1. MODULAR FURNITURE WIRING TO BE 4#12 AWG PHASE CONDUCTORS (BLACK, RED, BLUE, PINK), 2#10 AWG NEUTRAL CONDUCTORS (WHITE W/BLACK STRIPE, WHITE W/RED STRIPE), 1#12 GROUND (GREEN) AND 1#12 AWG ISOLATED GROUND (GREEN W/YELLOW STRIPE).
2. FURNISH AND INSTALL A G600 SERIES WIREMOLD WITH OUTLETS SHOWN. SIMPLEX RECEPTACLES TO BE NEMA L5–20R WITH ISOLATED GROUND. MOUNT PLUG MOLD 90" AFF (FACE DOWN) TO SIDE OF CABLE TRAY.
3. MOUNT 44" AFF.
4. PROVIDE NEW PANELBOARD IGP AT LOCATION SHOWN. FEED PANELBOARD FROM EXISTING METER SOCKET IN BUILDING ELECTRICAL ROOM LOCATED ROUGHLY 25 FEET FROM THE REAR ENTRANCE TO THE KEY BANK SPACE. CHANGE EXISTING CIRCUIT BREAKER IN METER SOCKET TO A 150 A, 3 POLE WITH A SHORT CIRCUIT RATING EQUIVALENT TO EXISTING BREAKER. WIRING TO NEW PANELBOARD SHALL BE 4#1/0 AWG, 1#6 GND & 1 #6 ISOLATED GROUND, 2"C.

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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly registered Architect under the laws of the State of which governors this project. WARNING per LAW no person may alter these documents unless person is 'or under the direct supervision of' the licensed architect.

Signature:

Registration No:

Date:

SEAL:

Type III Branch
Proposed New Construction

85 Commercial
Street–Long Warf
Portland, ME

KeyBank
2025 Ontario St., 4th Floor, Cleveland, Ohio 44115

REVISIONS:

Drawn by: LAM
Checked by: DJT
Job Number: 03095-00

Dwg. Phase: Construction Documents

Sheet Title:

First Floor
Power Plan
+ Panel Schedule

Sheet Number:

E–1.1

Original Date: 9–5–03