

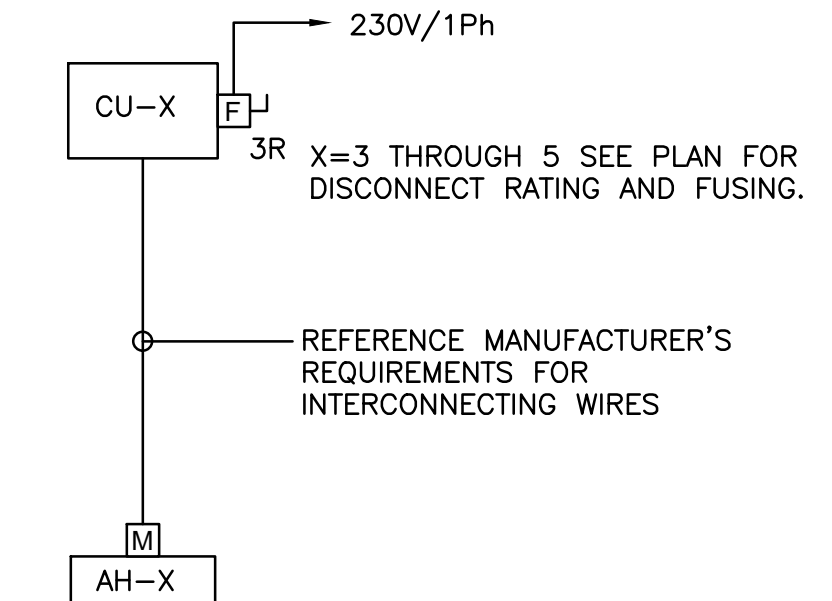
1 ELECTRICAL POWER & SYSTEMS PLAN – FIRST FLOOR
SCALE: 1/4"=1'

NOTES:

1. SEE E0.0 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- KEYED NOTES:**
- ① AIR CONDITIONING ALTERNATE #3. IF ALTERNATE #3 IS NOT ACCEPTED, DELETE THESE CIRCUITS AND MAKE BREAKERS SPARE.
- ② REMOVE EXISTING CHAIR LIFT EQUIPMENTS AND SYSTEM WIRING BACK TO PANEL PB.
- ③ CIRCULATION DESK BEING DEMOLISHED. REMOVE.
- ④ DEDICATED WINDOW A/C RECEPTACLES FOR BASE BID ONLY. IF ALTERNATE #3 IS ACCEPTED, DELETE THESE RECEPTACLES AND MAKE BREAKERS SPARE.
- ⑤ INSTALL NEW DATA PANEL TO FIRST FLOOR PROCESSING ROOM. FURNISH NEW 20 AMP CIRCUIT BREAKER FOR QUAD RECEPTACLE. DATA PANEL AND ALL FIELD DATA DEVICES BEING FURNISHED BY CTI COMMUNICATIONS TECHNOLOGIES PROPOSAL TO OWNER. COORDINATE FINAL LOCATION WITH OWNER IT STAFF.

DIRECTORY	KVA LOAD		CKT #	BKR AMPS	PHASE	BKR AMPS	CKT #	KVA LOAD		DIRECTORY	
	A	B						A	B		
CUH-1, PF-1	0.7		1	20	A	20	2	0.1		ELEV. MACH. ROOM LTS	
ELEV. PIT SUMP PUMP		1.2	3	20	B	20	4		0.1	CONDENSATE LIFT PUMP	
ELEV. PIT RECEPT	0.2		5	20	A	20	6	0.1		ELEV. MACHINE ROOM EF-3	
ELEV. MACHINE ROOM RECEPT		0.2	7	20	B	20	8		0.8	PROCESSING AND OFFICE DATA RECEPTS	
ELEV. CAR LTS	0.2		9	20	A	20	10	0.8		PUBLIC COMPUTING RECEPTS	
ELEV. MOTOR DISCONNECT	2.5	11	13	30	B	20	12		0.8	PUBLIC COMPUTING RECEPTS	
	2.5				A	20	14		0.8	CIRCULATION DATA RECEPTS	
ELECTRIC HOT WATER HEATER (EWH-1)	2.3	15	17	30	B	20	16		0.8	SECOND FLOOR DATA RECEPTS	
	2.3				A	20	18		0.4	DATA PANEL	
ELEV. PIT LTS		0.1	19	20	B	20	20		1.0	WINDOW A/C RECEPT ROOM 110 ④	
WINDOW A/C RECEPT ROOM 106A ④	1.0		21	20	A	20	22	1.2		AH-5/OU-5 ①	
WINDOW A/C RECEPT ROOM 106B ④	1.0		23	20	B	20	24	1.2			
WINDOW A/C RECEPT ROOM 102 ④	1.0		25	20	A	20	26	1.2		PUBLIC COMPUTING, CHILDRENS DATA RECEPTS	
WINDOW A/C RECEPT ROOM 109B ④	1.0		27	20	B	20	28		*	SPARE	
AH-3/OU-3 ①	1.2		29	15	A	20	30		*	SPARE	
	1.2				B	20	32		*	SPARE	
AH-4/OU-4 ①	1.2		33	20	A	20	34		*	SPARE	
	1.2				B	20	36		*	SPARE	
EXTERIOR RECEPTS	0.2		37	20	A	20	38		*	SPARE	
SPARE		*	39	20	B	20	40		*	SPARE	
SPARE		*	41	20	A	20	42		*	SPARE	
SUBTOTAL	10.5	10.7						4.6	4.7	SUBTOTAL	
VOLTAGE: 240/120V		PHASE: 1		POLES: 3		TOTAL KVA A-PHASE		15.1		PANEL	PC
MAIN BREAKER: 200A		BUS AMPS: 200A		TOTAL KVA B-PHASE		15.4				LOCATION	BASEMENT
MOUNTING: SURFACE		TOTAL KVA		30.5							
SHORT CIRCUIT RATING: 10KAIC											
NOTES:											

2 NEW PANEL PC SCHEDULE (BASE BID & ALTERNATE #3)
SCALE: N.T.S



3 OUTDOOR CONDENSING UNIT & INDOOR AIR HANDLER RISER DIAGRAM – ALTERNATE #3 (TYPICAL)
SCALE: N.T.S

LDD PROJECT NAME: N/A
DRAWING NAME: N/A
FIELD BOOK USED: N/A
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REFERENCES:

DESIGNED BY: [Redacted]
DRAWN BY: [Redacted]
CHECKED BY: [Redacted]
SCALE: [Redacted]
DATE: 10-16-15

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BURBANK BRANCH
377 Stevens Avenue
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CITY OF PORTLAND, MAINE
Addition + Renovation for
The Burbank Branch Library
ISSUED FOR BIDDING

ELECTRICAL POWER & SYSTEMS FLOOR PLAN - FIRST FLOOR
SHEET # **E1.1**
PLAN NUMBER

SWIFTCURRENT
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