

1 ELECTRICAL POWER & SYSTEMS PLAN - BASEMENT
SCALE: 1/4"=1'

DIRECTORY	KVA LOAD		CKT #	BRK. AMPS	PHASE	BRK. AMPS	CKT #	KVA LOAD		DIRECTORY	
	A	B						A	B		
ALT #1: BOILER & PUMP P-5	1.3		1	20	A	20	2	*		FURNACE CONTROL	
ROOM 005 RECEP.TS		*	3	20	B	20	4	*		BASEMENT 001 RECEP.TS	
EMR 002 RECEP.TS	*		5	20	A	20	6	*		ROOM 003 RECEP.TS	
NEW ADULT NON-FICT. 109 RECEP.TS		*	7	20	B	20	8	*		HOLD/PUBLIC COMP 109 RECEP.TS	
CHILDRENS 110 RECEP.TS	*		9	20	A	20	10	*		YOUTH SERVICES 111 RECEP.TS	
ORANGE ROOM		*	11	20	B	20	12	*		BASEMENT COMPUTER OUTLET	
HOLD/PUBLIC COMP. 102 RECEP.TS	*		13	20	A	20	14	*		FAC PANEL	
POINT OF REFUGE		*	15	20	B	20	16	*		YOUTH SERVICES 111 RECEP.TS	
LIGHT TIMER	*		17	20	A	20	18	*		ROOM 105 & 101 RECEP.TS	
OUTSIDE RECEP.T FRONT DOOR EXIT		*	19	20	B	20	20	*		ROOM 106 & 107 RECEP.TS & GFI	
CIRCULATION 108 RECEP.TS	*		21	20	A	20	22	*		HOLD/PUBLIC COMP. 102 DESK RECEP.TS	
UNDER COUNTER HOLD/PUBLIC COMP. 102 RECEP.TS		*	23	20	B	20	24	*		HOLD/PUBLIC COMP. 102 RECEP.T BEHIND DESK	
CIRCULATION 108 RECEP.TS	*		25	20	A	20	26	*		RECEP.T UNDER COUNTER CIRCULATION 108	
NEW ADULT NON FICT. RECEP.TS		*	27	20	B	20	28	*		RECEP.T UNDER COUNTER CHILDRENS 110	
SPACE	*		29	20	A	20	30	*		BASEMENT 001 LTS	
CELLAR EMERG. LTS ROOM 002/005		*	31	20	B	20	32		0.6	HOLD/PUBLIC COMPUTING LTS	
EXIT SIGNS, FICTION, CHILDREN'S, YOUTH LTS	1.5		33	20	A	20	34	0.3		EMERG LTS; PROCESSING ROM, OFFICE, ROOM 106	
PANEL RECEP.T		*	35	20	B	20	36	*		EXTERIOR SOFFIT LTS	
HAND DRYER	*		37	20	A		38	*		AIR CONDITIONER - FICITON ROOM	
		*	39		B		40	*			
AIR COND. ROOM 102	*		41		A	30	42	*		ELECTRIC WATER HEATER	
SUBTOTAL	###	###						###	###	SUBTOTAL	
VOLTAGE: 120/240V		PHASE: 1		POLES: 3		TOTAL KVA A-PHASE		###		PANEL	EXISTING PANEL PA
MAIN BREAKER: 200A		BUS AMPS: 200A		TOTAL KVA B-PHASE		###				LOCATION	BASEMENT 001
MOUNTING: SURFACE				TOTAL KVA		###					
SHORT CIRCUIT RATING: 10KAIC											
NOTES: 1. PANEL HAS LUGS FEEDING PANEL B, LOCATED ON SECOND FLOOR.											

2 EXISTING PANEL SCHEDULE
SCALE: NOT TO SCALE

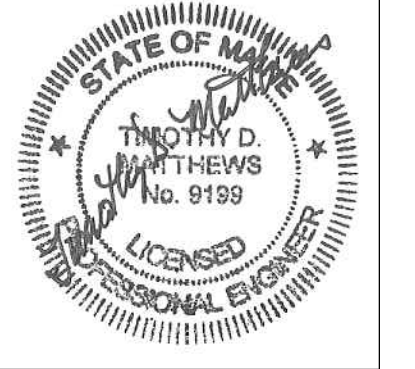
- NOTES:**
- SEE E.O.O FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- KEYED NOTES:**
- BASE BID ONLY.
 - COORDINATE EXACT LAYOUT OF ELEVATOR MACHINE ROOM WITH MANUFACTURER OF SYSTEM BEING PROVIDED.
 - DEDICATED ELEVATOR PIT SUMP PUMP RECEPTACLE.

- BASE BID:**
- REPLACE EXISTING 200A, 120/240V, SINGLE SERVICE WITH NEW 400A SERVICE. INSTALL 400A METER SOCKET AND FEED TWO INDIVIDUAL 200A PANELS (ONE WILL BE PA(EXISTING) AND OTHER WILL BE PC(NEW). TO FEED BASE BID EQUIPMENT PLUS ADDITIONAL BUILDING AIR CONDITIONING EQUIPMENT (ALT #3).
 - INSTALL NEW 200A PANEL PC TO FEED ADDITIONAL LOADS FOR NEW LULA LIFT, HOT WATER HEATER, AND RECEPTACLES.

- DEMOLITION NOTES:**
- PROVIDE SELECTIVE DEMOLITION OF LIGHT FIXTURES, EQUIPMENT IN WALLS BEING REMOVED, AND FOR THE LIFT SYSTEM TO BE REMOVED. PROVIDE ANY ADDITIONAL WIRING FOR CONTINUATION OF CIRCUITS WHERE DEVICES ARE BEING REMOVED.
 - REMOVE AND REINSTALL ANY FIRE ALARM DEVICES ON WALLS BEING REMOVED/RELOCATED. CONSULT ARCHITECTURAL DEMOLITION PLANS FOR WALLS BEING DEMOLISHED.

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

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



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ELECTRICAL POWER & SYSTEMS FLOOR PLAN - BASEMENT
SHEET # **E1.0**
PLAN NUMBER

SWIFTCURRENT
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