



1 FIRST FLOOR PLAN - POWER  
1/4" = 1'-0"

**FLOOR BOX NOTES:**  
 FLOOR BOX/OUTLETS SHALL BE SIMILAR TO WIREMOLD RFB4 SERIES UL LISTED FOR USE WITH SLAB ON GRADE. COORDINATE TRIM TYPE AND COVER STYLE WITH OWNER. PROVIDE 1 - 1" VOICE/DATA CONDUIT AND ONE 1 1/4" (MICROPHONE/SPARE) CONDUIT STUBBED UP ABOVE CEILING FOR COMMUNICATIONS. PROVIDE 2 DUPLEX OUTLETS AND TWO COMMUNICATION BRACKETS. COORDINATE COMMUNICATION BRACKET TYPES WITH OWNER. COORDINATE BOX LOCATIONS WITH ARCHITECT/OWNER.

LARE											
ROOM SERVICE ELEVATOR LOBBY			VOLTS 208Y/120V 3P 4W			AIC 10,000					
MOUNTING SURFACE			BUS AMPS 225			MAIN BKR MLO					
FED FROM UTILITY			NEUTRAL 100%			LUGS STANDARD					
NOTE EXISTING GENERAL ELECTRIC PANEL											
CKT #	BKR	CIRCUIT DESCRIPTION	KVA LOAD			CKT #	BKR	CIRCUIT DESCRIPTION	KVA LOAD		
			A	B	C				A	B	C
31	20/1	OUTLETS DIV 1 CITY COURT	1			32	20/1	LL-01 THRU 10 CORRIDOR OUTLETS	1		
33	20/1	OUTLETS DIV 1 CITY COURT		1		34	20/1	LL-80 BREAK ROOM		1	
35	20/1	OUTLETS DIV 1 CITY COURT			1	36	20/1	LL-01 THRU 10 CORRIDOR OUTLETS			1
37	20/1	LL-80 BREAK ROOM REFRIG	0.72			38	20/1	LL-80 BREAK ROOM	1		
39	20/1	LL-80 BREAK ROOM		1		40	20/1	CITIZENS DISPATCH		1	
41	20/1	LL-80 BREAK ROOM			1	42	20/1	OUTLETS			1
43	20/1	LL-80 BREAK ROOM		1		44	20/1	LL-01 THRU 10 OUTLETS	1		
45	20/1	OUTLETS LL-10		1		46	20/1	UNISEX SINK		1	
47	20/1	OUTLETS LL-10			0	48	20/1	LL-01 THRU 10 OUTLETS			1
49	20/1	LIGHTS COURT ROOM OFFICES	0.8			50	20/1	OUTLETS COURT OFFICES	1.4		
51	20/1	LIGHTING COURT ROOM		0.9		52	20/1	OUTLETS COURT OFFICES		1.4	
53	20/1	SPACE			0	54	20/1	OUTLETS JUDGES BENCH			1
55	20/1	SPACE	0			56	20/1	OUTLETS JUDGES BENCH	1		
57	20/1	SPACE			0	58	20/1	OUTLETS LAWYERS TABLE		1	
59	20/1	SPACE			0	60	20/1	OUTLETS LAWYERS TABLE			1
TOTAL CONNECTED KVA BY PHASE									8.92	9.3	7
			CONN. KVA			CALC. KVA			CONTINUOUS		
			1.7	2.13	(125%)	1			1.25	(125%)	
			0	0	(125%)	0			0	(100%)	
			0	0	(100%)	0			0	(100%)	
			22.5	16.3	(50%>10)	0			0	(N/A)	
						0			0	(N/A)	
						25.2			19.6		
						TOTAL KVA			BALANCED THREE PHASE AMPS 54.5		

NOTE:  
 CIRCUITS #49 THROUGH #60 IN PANEL LARE ARE CURRENTLY SPARE AND SHALL BE USED TO SERVE NEW COURT ROOM LOADS IF THERE IS SUFFICIENT CAPACITY IN EXISTING PANEL FEEDER. CONTRACTOR SHALL MEASURE LOAD ON EXISTING PANEL BEFORE CONNECTING NEW COURT ROOM ELECTRICAL LOADS.

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Revision	Description	Date

NEW COURTROOM LL188  
**SHELBY COUNTY JUSTICE CENTER**  
**201 POPLAR AVENUE**  
 MEMPHIS, TENNESSEE

Sheet Title  
 FIRST FLOOR PLAN - POWER  
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 130206  
 Drawn by  
 MLD  
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**E1.2**  
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