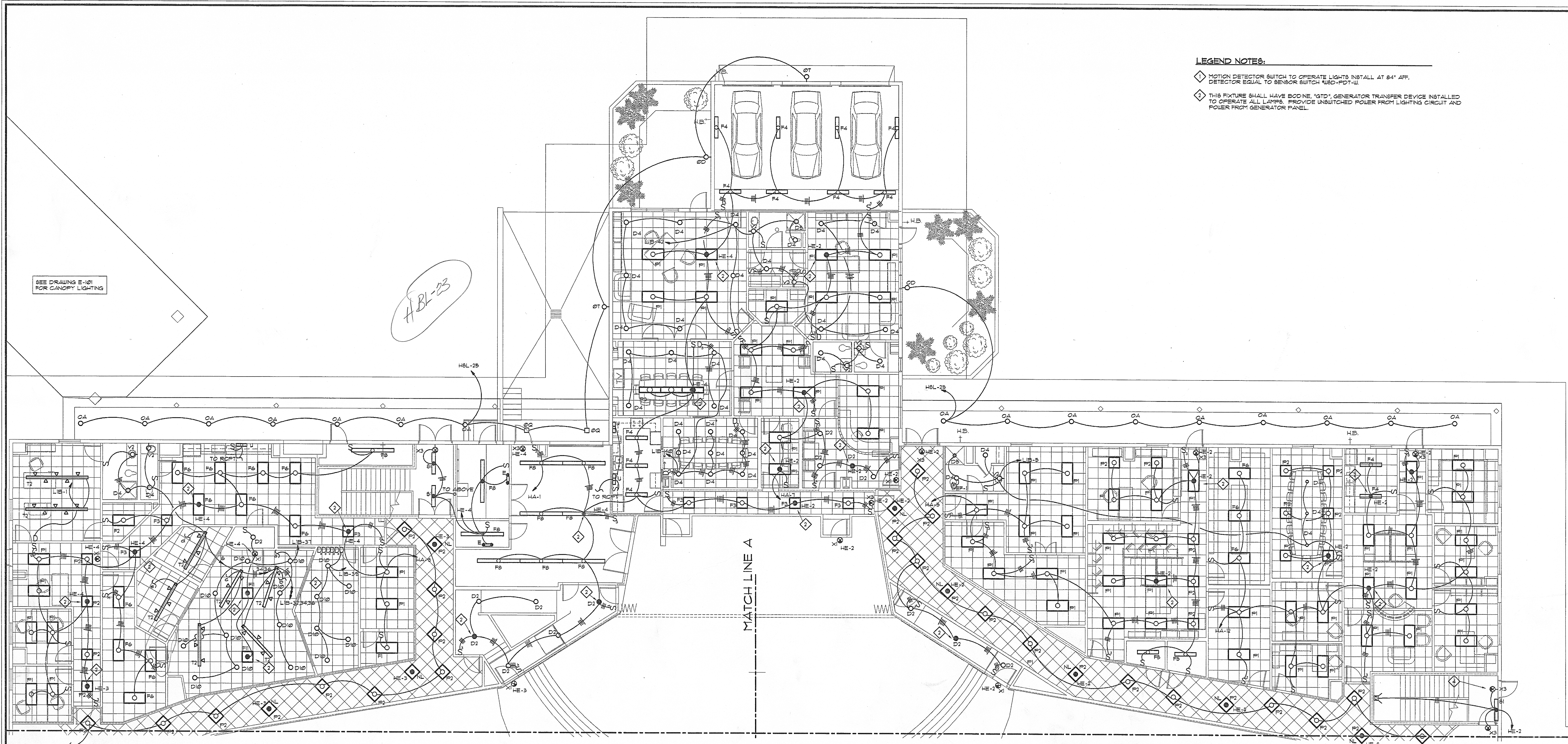




- LEGEND NOTES:**
- ◇ MOTION DETECTOR SWITCH TO OPERATE LIGHTS INSTALL AT 84" AFF. DETECTOR EQUAL TO SENSOR SWITCH MDS-PDT-III
 - ◇ THIS FIXTURE SHALL HAVE BODINE "GTO" GENERATOR TRANSFER DEVICE INSTALLED TO OPERATE ALL LAMPS. PROVIDE UNSWITCHED POWER FROM LIGHTING CIRCUIT AND POWER FROM GENERATOR PANEL.

**1 FIRST FLOOR REFLECTED
CEILING PLAN - PART 3 - LIGHTING**
E-110 SCALE: 1/8" = 1'-0"

PANELBOARD MA SCHEDULE											
VOLTAGE: 480Y/277V			MAINS: MAIN LUGS ONLY			MOUNTING: SURFACE			REMARKS:		
BUS SIZE: 1200 A			TOTAL LOAD: 148.4 KVA			FAULT DUTY: 100,000 A					
NO	SERVES	NOTE	LOAD (KVA)	BREAKER TRIP	PHASE	BREAKER TRIP	LOAD (KVA)	SERVES	NOTE	LOAD (KVA)	PHASE
1	RTU-1B		148.3	225	3	225	148.3	RTU-1A			
3	---		---	---	---	---	---	---			
5	---		---	---	---	---	---	---			
7	RTU-2		131.6	200	3	100	69.7	RTU-14A			
9	---		---	---	---	---	---	---			
11	---		---	---	---	---	---	---			
13	RTU-14B		63.7	100	3	60	39.1	RTU-15A			
15	---		---	---	---	---	---	---			
17	---		---	---	---	---	---	---			
19	RTU-15B		39.1	60	3	30	39.1	RTU-16A			
21	---		---	---	---	---	---	---			
23	---		---	---	---	---	---	---			
25	RTU-16B		39.1	60	3	20	12.6	RTU-6			
27	---		---	---	---	---	---	---			
29	---		---	---	---	---	---	---			
31	RTU-1		12.6	20	3	SPACE		FUTURE RTU-12			
33	---		---	---	---	---	---	---			
35	---		---	---	---	---	---	---			
37	FUTURE RTU-11		SPACE	3	---	SPACE		FUTURE RTU-13			
39	---		---	---	---	---	---	---			
41	---		---	---	---	---	---	---			
LOAD SUMMARY											
				LIGHTING		0.0 KVA		A/C		148.4 KVA	
				RECEPTACLE		0.0 KVA		HEATING		0.0 KVA	
				MOTOR		0.0 KVA		MISC		0.0 KVA	
NOTES:											

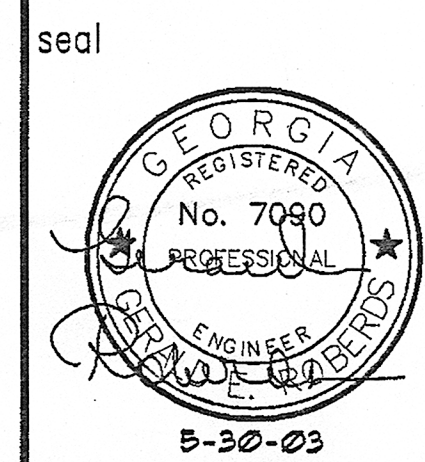
PANELBOARD MB SCHEDULE														
VOLTAGE: 480Y/277V			MAINS: MAIN LUGS ONLY			MOUNTING: SURFACE			REMARKS:					
BUS SIZE: 600 A			TOTAL LOAD: 329.3 KVA			FAULT DUTY: 65,000 A								
NO	SERVES	LOAD (KVA)	BREAKER TRIP	PHASE	BREAKER TRIP	LOAD (KVA)	SERVES	NO	LOAD (KVA)	BREAKER TRIP	PHASE			
1	TRANSFER 'LIC'	39.6	30	3	3	60	16.3	TRANSFER 'LIS'	2					
3	---	---	---	---	---	---	---	4						
5	---	---	---	---	---	---	---	6						
7	PANEL 'HBL'	54.1	100	3	3	150	16.4	PANEL 'HBL'	8					
9	---	---	---	---	---	---	---	10						
11	---	---	---	---	---	---	---	12						
13	RTU-3	19.1	30	3	3	20	12.7	RTU-10	14					
15	---	---	---	---	---	---	---	16						
17	---	---	---	---	---	---	---	18						
19	RTU-4	19.1	30	3	3	20	14.6	RTU-11	20					
21	---	---	---	---	---	---	---	22						
23	---	---	---	---	---	---	---	24						
25	RTU-6	14.6	20	3	3	20	14.6	RTU-15	26					
27	---	---	---	---	---	---	---	28						
29	---	---	---	---	---	---	---	30						
31	SPACE			1	1		SPACE	32						
33	SPACE			1	1		SPACE	34						
35	ELEVATOR MOTOR	432	100	3	1		SPACE	36						
37	---	---	---	---	1		SPACE	38						
39	---	---	---	---	1		SPACE	40						
41	SPACE			1	1		SPACE	42						
LOAD SUMMARY														
			LIGHTING			63.5 KVA			A/C			36.3 KVA		
			RECEPTACLE			46.0 KVA			HEATING			36.0 KVA		
			MOTOR			83.2 KVA			MISC			89.1 KVA		
NOTES:														

SWITCHBOARD MSA SCHEDULE											
VOLTAGE: 480Y/277V			MAIN FUSE: 2500 AMP			FAULT DUTY: 100,000 A					
BUS SIZE: 2500 A			TOTAL LOAD: 1909.5 KVA			BUS SIZE: 2500 A					
SWITCH NUMBER	SERVES	DIST. BREAKERS	FEEDER	LOAD (KVA)	REMARKS	SWITCH NUMBER	SERVES	DIST. BREAKERS	FEEDER	LOAD (KVA)	REMARKS
1	PANEL 'MA'	1200 3 1200	SEE RISER DIAGRAM	148.4		1	PANEL 'MA'	1200 3 1200	SEE RISER DIAGRAM	148.4	
2	PANEL 'HA'	200 3 150	SEE RISER DIAGRAM	89.5		2	PANEL 'HA'	200 3 150	SEE RISER DIAGRAM	89.5	
3	PANEL 'HE'	100 3 75	SEE RISER DIAGRAM	34.8		3	PANEL 'HE'	100 3 75	SEE RISER DIAGRAM	34.8	
4	RTU-5	30 3 20	SEE MECHANICAL SCHEDULE	12.6		4	RTU-5	30 3 20	SEE MECHANICAL SCHEDULE	12.6	
5	RTU-8	30 3 20	SEE MECHANICAL SCHEDULE	12.6		5	RTU-8	30 3 20	SEE MECHANICAL SCHEDULE	12.6	
6	TRANSFER 'LID'	200 3 150	SEE RISER DIAGRAM	11.1		6	TRANSFER 'LID'	200 3 150	SEE RISER DIAGRAM	11.1	
7	TRANSFER 'LID'	1000 3 1000	SEE RISER DIAGRAM	432.5		7	TRANSFER 'LID'	1000 3 1000	SEE RISER DIAGRAM	432.5	
8	TRANSFER 'LID'	100 3 90	SEE RISER DIAGRAM	32.0		8	TRANSFER 'LID'	100 3 90	SEE RISER DIAGRAM	32.0	
9	EUI-1	30 3 15	SEE MECHANICAL SCHEDULE	7.5		9	EUI-1	30 3 15	SEE MECHANICAL SCHEDULE	7.5	
10	SURGE ARRESTOR	60 3 60	SEE RISER DIAGRAM			10	SURGE ARRESTOR	60 3 60	SEE RISER DIAGRAM		
11	RTU-23	30 3 20	SEE MECHANICAL SCHEDULE	14.6		11	RTU-23	30 3 20	SEE MECHANICAL SCHEDULE	14.6	
12	RTU-24	30 3 20	SEE MECHANICAL SCHEDULE	14.6		12	RTU-24	30 3 20	SEE MECHANICAL SCHEDULE	14.6	
13	FUTURE RTU-25	60 3			SPACE ONLY	13	FUTURE RTU-25	60 3			SPACE ONLY
14	FUTURE RTU-26	60 3			SPACE ONLY	14	FUTURE RTU-26	60 3			SPACE ONLY
15	RTU-21	30 3 20	SEE MECHANICAL SCHEDULE	13.1		15	RTU-21	30 3 20	SEE MECHANICAL SCHEDULE	13.1	
16	PANEL 'HB'	600 3 600	SEE RISER DIAGRAM	329.1		16	PANEL 'HB'	600 3 600	SEE RISER DIAGRAM	329.1	
17	TRANSFER 'TR'	200 3 200	SEE RISER DIAGRAM	91.1		17	TRANSFER 'TR'	200 3 200	SEE RISER DIAGRAM	91.1	

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revisions
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for
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1171 WESLEY WAY
CONYERS, GA

sheet description
**FIRST FLOOR
REFL. CEILING
PLAN - PART 3
- LIGHTING**
drawn VJ
checked TUM

job 00-145
date 12/20/01

E-110
of