

EXISTING CONDITIONS OF EXISTING PANEL

PANEL		ESDP		MOUNTING		SURFACE		LOCATION		EQUIP 101A		MAIN BUS RATING		400		AMPS			
MAIN		LO		POLES		FRAME		TRIP		MINIMUM BREAKER INTERRUPTING CAPACITY		25KAIC							
VOLTAGE		480Y/277		PHASE		3													
ACCESSORIES SN + EQP GND																			
DEVICE			BRANCH CIRCUIT					PHASE LOAD			BRANCH CIRCUIT					DEVICE			
AMPS	TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT	NO	A	B	C	VOLT	NO	AMPS	DESCRIPTION	LOAD	TYPE	POLES	AMPS	TRIP
					SPACE		1					2		EXISTING UPS MAINT.			3	150	
					-		3					4		-				-	
					-		5					6		-				-	
20		3			EXISTING H-1		7					8		EXSITING ERU-1			3	25	
-					-		9					10		-				-	
-					-		11					12		-				-	
80		3			EXISTING CHILLER		13					14		EXISTING CB			3	200	
-					-		15					16		-				-	
-					-		17					18		-				-	
							19					20							
							21					22							
							23					24							
							25					26							
							27					28							
							29					30							
							31					32							
							33					34							
							35					36							
							37					38							
							39					40							
							41					42							
TOTAL								0	0	0	0 KVA (CONNECTED)				0 AMPS (CONNECTED)				
											0 KVA (DEMAND)				0 AMPS (DEMAND)				

NEW CONDITIONS OF EXISTING PANEL

PANEL		ESDP		MOUNTING		SURFACE		LOCATION		EQUIP 101A		MAIN BUS RATING		400		AMPS			
MAIN		LO		POLES		FRAME		TRIP		MINIMUM BREAKER INTERRUPTING CAPACITY		25KAIC							
VOLTAGE		480Y/277		PHASE		3													
ACCESSORIES		SN + EQP GND																	
DEVICE		BRANCH CIRCUIT		VOLT		NO		PHASE LOAD		VOLT		NO		BRANCH CIRCUIT		DEVICE			
AMPS	TRIP	POLES	TYPE	LOAD	DESCRIPTION	AMPS		A	B	C		NO	AMPS	DESCRIPTION	LOAD	TYPE	POLES	AMPS	TRIP
2	15	1		M	UVR UNIT MRI 1	100	1	100				2	0	EXISTING SPARE			3	150	
	15	1		M	UVR UNIT MRI 2	100	3		100			4	0	-				-	
2					SPACE		5					6	0	-				-	
	20	3			EXISTING SPARE	0	7	5488				8	5488	ERU-1		H	3	25	
	-				-	0	9		5488			10	5488	-		H		-	
	-				-	0	11			5488		12	5488	-		H		-	
	80	3			EXISTING SPARE	0	13					14	0	EXISTING SPARE			3	200	
	-				-	0	15					16	0	-				-	
	-				-	0	17					18	0	-				-	
							19					20							
							21					22							
							23					24							
							25					26							
							27					28							
							29					30							
							31					32							
							33					34							
							35					36							
							37					38							
							39					40							
							41					42							
TOTAL								5588	5588	5488				17 KVA (CONNECTED)				20 AMPS (CONNECTED)	
														17 KVA (DEMAND)				20 AMPS (DEMAND)	

GENERAL NOTES:

A. UPDATE PANELBOARD CIRCUIT DIRECTORIES AT THE END OF THE PROJECT. INDICATE CIRCUIT BREAKERS MADE SPARE BY DEMOLITION AS SPARE AND LEAVE IN THE OFF POSITION.

KEYED NOTES:

- 1 PROVIDE 100% RATED CIRCUIT BREAKER.
- 2 PROVIDE NEW CIRCUIT BREAKER COMPATIBLE WITH EXISTING PANELBOARD. MATCH INTERRUPT RATING OF PANEL. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH EMERGENCY POWER OFF/UNDERVOLTAGE RELAY SYSTEM.

NEW PANEL

PANEL		EMRI1		MOUNTING		SURFACE		LOCATION		EQUIP 101A		MAIN BUS RATING		250		AMPS				
MAIN		CB		POLES		FRAME		TRIP		150		MINIMUM BREAKER INTERRUPTING CAPACITY		35KAIC						
VOLTAGE		480Y/277		PHASE		3														
ACCESSORIES		SN + EQP GND + UNDERVOLTAGE TRIP MAIN CB																		
DEVICE			BRANCH CIRCUIT					PHASE LOAD			BRANCH CIRCUIT					DEVICE				
AMPS	TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT	AMPS	NO	A	B	C	NO	VOLT	AMPS	DESCRIPTION	LOAD	TYPE	POLES	AMPS	TRIP
125	3			M	MRI 1 SIEMENS EPC CAB	23000	1		23000			2			SPACE					
-				M	-	23000	3			23000		4			-					
-				M	-	23000	5				23000	6			-					
					SPACE		7					8			SPACE					
					-		9					10			-					
					-		11					12			-					
					SPACE		13					14			SPACE					
					-		15					16			-					
					-		17					18			-					
							19					20								
							21					22								
							23					24								
							25					26								
							27					28								
							29					30								
							31					32								
							33					34								
							35					36								
							37					38								
							39					40								
							41					42								
TOTAL									23000	23000	23000				69 KVA (CONNECTED)				83 AMPS (CONNECTED)	
															69 KVA (DEMAND)				83 AMPS (DEMAND)	

NEW PANEL

PANEL		MRI2		MOUNTING		SURFACE		LOCATION		EQUIP 102A		MAIN BUS RATING		250		AMPS				
MAIN		CB		POLES		3		FRAME		250		TRIP		150		MINIMUM BREAKER INTERRUPTING CAPACITY 35KAIC				
VOLTAGE		480Y/277		PHASE		3														
ACCESSORIES		SN + EQP GND + UNDERVOLTAGE TRIP MAIN CB																		
DEVICE		BRANCH CIRCUIT						PHASE LOAD			BRANCH CIRCUIT						DEVICE			
AMPS	TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT	AMPS	NO	A	B	C	NO	VOLT	AMPS	DESCRIPTION	LOAD	TYPE	POLES	AMPS	TRIP
125	3			M	MRI 2 SIEMENS EPC CAB	23000	1		23000			2			SPACE					
-				M	-	23000	3			23000		4			-					
-				M	-	23000	5					6			-					
					SPACE		7					8			SPACE					
					-		9					10			-					
					-		11					12			-					
					SPACE		13					14			SPACE					
					-		15					16			-					
					-		17					18			-					
							19					20								
							21					22								
							23					24								
							25					26								
							27					28								
							29					30								
							31					32								
							33					34								
							35					36								
							37					38								
							39					40								
							41					42								
TOTAL									23000	23000	23000	69 KVA (CONNECTED) 69 KVA (DEMAND)				83 AMPS (CONNECTED) 83 AMPS (DEMAND)				