

PANEL	VOLTAGE	277\480	SN				MAIN BRKR SIZE							
SB-NL2	PHASE	3	GND BUS				MAIL LUG ONLY	2000						
	WIRE	4	MOUNTING				BRKR MIN KAIC	65						
LOAD DESCRIPTION		CB TRIP	CKT NO.	PH	CKT NO.	CB TRIP	LOAD DESCRIPTION							
NL-PP3 NL-T3 112.5 KVA		100	1	A B C	2	45	NL-P2 NL-T10 30 KVA							
NL-PP4 NL-T4 75 KVA		100	3	A B C	4	100	NL-EX1-L (EXIT STAIR #1)							
NL-L2		225	5	A B C	6	225	HPA-17 NL17B20							
HPA-11 NL11B20		225	7	A B C	8	225	HPA-16 NL16B20							
HPA-10 NL10B20		225	9	A B C	10	225	HPA-15 NL15B20							
HPA-12 NL12B20		225	11	A B C	12	225	HPA-14 NL14B20							
HPA-13 NL13B20		225	13	A B C	14	225	SPACE							
SPACE		400	15	A B C	16	400	SPACE							
SPACE		400	17	A B C	18	400	SPACE							
NOTES: SOUTH SIDE EAST OF DOOR 4 FED FROM: BREAKER AT UNITSUB LN2 BLDG: NUMBER 1 UPDATED DATED : <table border="1"> <tr> <td>10/2/2020</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table> BLDG NAME NORTH LINAC UPDATED BY: Tkujawa									10/2/2020					
10/2/2020														

PANEL NL-P2	VOLTAGE	120/208	SN		YES		MAIN BRKR SIZE		100
	PHASE	3	GND BUS		YES		MAIL LUG ONLY		
	WIRE	4	MOUNTING		SURFACE		BRKR MIN KAIC		
LOAD DESCRIPTION		CB	CKT	PH	CKT	CB	LOAD DESCRIPTION		
		TRIP	NO.		NO.	TRIP			
REC. RAD MONITOR COL. 30		20	1	A	2	20	VESDA REC. ON COL. 38		
REC. TUNNEL		20	3	B	4	30	SPARE		
REC. TUNNEL		20	5	C					
			7	A					
F-NL-21 FAN		30	9	B	6	20	SPARE		
			11	C	8	20	SUMP PUMP TUNNEL		
SPARE		20	13	A	10	20	BASE REC. ZONE 13 & 14		
SPARE		20	15	B	12	20	BASE REC. ZONE 12		
SPARE		20	17	C	14	20	BASE REC. ZONE 10		
RAD MONITOR COL. 42		20	19	A	16	20	BASE REC. ZONE 18		
LIGHTING CONTACTOR		20	21	B	18	20	BASE REC. ZONE 15 & 18		
RAD MONITOR COL. 19		20	23	C	20	20	SPARE IN BOX NEAR VESDA		
SPARE IN JBOX		20	25	A	22	20	COL. 27 & 39 HVAC CONT. REC.		
			27	B	24	20	RAD MONITOR COL. 30		
SPARE IN JBOX COL. 33		20	29	C	26	20	FUTURE A/C CONTROLS LEFT OF PANEL		
NOTES: SOUTH WALL EAST OF DOOR 5 FEED FROM: NL2-SB CKT 1 VIA XFMR NL-T10 BLDG: NUMBER 1 BLDG NAME NORTH LINAC UPDATED BY : UPDATED: DATE HOWARD DUNLAP 2/26/2020									

PANEL NL-L2 SECTION 1	VOLTAGE	120/208	SN		YES		MAIN BRKR SIZE	225
	PHASE	3	GND BUS		YES		MAIL LUG ONLY	
	WIRE	4	MOUNTING		SURFACE		BRKR MIN KAIC	
LOAD DESCRIPTION		CB	CTK	PH	CTK	CB	LOAD DESCRIPTION	
		TRIP	NO.		NO.	TRIP		
SPARE		20	1	A	2	20	AHU AT BACK OF LINAC (CENTER UNIT) #3	
SPARE		20	3	B				
				C				
SPARE IN BOX COL. 36		30	5	A	4	30	SPARE IN BOX COL. 27	
				B				
				C				
AHU AT BACK OF LINAC #4		20	7	A	6	15	SPARE IN BOX COL. 22	
				B				
				C				
SPARE IN BOX COL. 42		30	9	A	8	20	UNIT HEATER	
				B	10	20	UNIT HEATER	
UNIT HEATER		20	11	C	12	20	UNIT HEATER	
UNIT HEATER		20	13	A	14	20	UNIT HEATER	
UNIT HEATER		20	15	B	16	20	UNIT HEATER	
				C	18	20	UNIT HEATER	
SPARE IN BOX COL. 30		30	17	A	20	15	F-BE-1 FAN TUNNEL	
				B				
				C				
SPARE IN BOX COL. 32		15	19	A	22	20	UNIT HEATER	
				B	24	20	UNIT HEATER	
BATTERY EMERFENCY LIGHTS		20	21	C	26	20	UNIT HEATER	
NOTES: SOUTH WALL EAST OF DOOR 5 FEED FROM: NL2-SB CKT 7 BLDG: NUMBER 1 UPDATED BY: UPDATED: DATE BLDG NAME NORTH LINAC HOWARD DUNLAP								
					2/26/2020			

PANEL NL-L2 SECTION 2	VOLTAGE	277\480		SN		YES		MAIN BRKR SIZE	
	PHASE	3		GND BUS		YES		MAIL LUG ONLY	
	WIRE	4		MOUNTING		SURFACE		BRKR MIN KAIC	
LOAD DESCRIPTION		CB	CKT	PH	CKT	CB	LOAD DESCRIPTION		
		TRIP	NO.		NO.	TRIP			
AIR COMPRESSOR		20	23	A	28	60	WELDING REC. TUNNEL		
				B					
				C					
WELDING REC. TUNNEL		60	27	A	30	40	SPARE		
				B					
				C					
SPARE		20	31	A	32	40	SPARE		
EXTERIOR FLOOD LIGHTS		20	33	B	34				
SPARE		20	35	C	36				
SPARE		20	37	A	38	400	SPARE		
SPARE		20	39	B	40				
SPARE		20	41	C	42				
		LIGHTING CONTACTOR							
LIGTHS TUNNEL		20	49	A	50	20	SPARE		
			51	B	52	20	SPARE		
			53	C	54	20	SPARE		
SPACE				A			SPACE		
SPACE				B			SPACE		
SPACE				C			SPACE		
NOTES: SOUTH WALL EAST OF DOOR 5 FEED FROM: NL2-SB CKT 7 BLDG: NUMBER 1 BLDG NAME NORTH LINAC UPDATED BY: HOWARD DUNLAP UPDATED: DATE 2/26/2020									

PANEL NL-PP3	VOLTAGE	120/208		SN		YES		MAIN BRKR SIZE		400	
	PHASE	3		GND BUS		YES		MAIL LUG ONLY			
	WIRE	4		MOUNTING		SURFACE		BRKR MIN KAIC			
LOAD DESCRIPTION		CB	CKT	PH	CKT	CB	LOAD DESCRIPTION				
		TRIP	NO.		NO.	TRIP					
NL09B10		50	1	A	2	50	NL19B09				
			3	B	4						
			5	C	6						
TEMP. PWR. REC.		30	7	A	8	30	TEMP POWER REC.				
			9	B	10						
			11	C	12						
SPACE			13	A	14	30	TVSS				
SPACE			15	B	16						
SPACE			17	C	18						
ALTERNATE POWER PANEL EM		100	19	A	20	100	NORMAL POWER PANEL EM				
			21	B	22						
			23	C	24						
NOTES: NORTH WALL EAST OF DOOR 4 FEED FROM: NL2-SB CKT 2 VIA XFMR NL-T3 BLDG: NUMBER 1 BLDG NAME NORTH LINAC UPDATED BY: HOWARD DUNLAP UPDATED DATE: 2/26/2020											

PANEL NL-PP4	VOLTAGE	120/208	SN			YES		MAIN BRKR SIZE		225
	PHASE	3	GND BUS			YES		MAIL LUG ONLY		
	WIRE	4	MOUNTING			SURFACE		BRKR MIN KAIC		
LOAD DESCRIPTION		CB	CKT	PH	CKT	CB	LOAD DESCRIPTION			
		TRIP	NO.		NO.	TRIP				
SPARE IN WIREWAY ZONE 10		30	1	A	2	30	NL09B14			
				B						
				C						
NL10B14		30	3	A	4	30	NL14B14			
				B						
				C						
SPARE IN WIREWAY ZONE 11		30	5	A	6	30	SPARE IN WIREWAY ZONE 16			
				B						
				C						
NL12B10 SAFETY		20	7	A	8	30	NL16B14			
SPARE IN WIREWAY		20	9	B						
SPARE		20	11	C						
NL12B14		30	13	A	10	30	NL15B14			
				B						
				C						
NL11B14		30	15	A	12	30	SPARE IN WIREWAY ZONE 15			
				B						
				C						
NL13B14		30	17	A	14	20	NL13B11 POWER STRIP			
				B	16	20	NL15B11 POWER STRIP			
				C	18	20	NL17B11 POWER STRIP			
NOTES: NORTH WALL EAST OF DOOR 4 FEED FROM: NL2-SB CKT 5 VIA XFMR NL-T4 BLDG: NUMBER 1 BLDG NAME NORTH LINAC UPDATED BY: HOWARD DUNLAP UPDATED DATE: 2/26/2020										

PANEL EX1-L	VOLTAGE 277\480	SN				MAIN BRKR SIZE 100A						
	PHASE 3	GND BUS				MAIL LUG ONLY						
	WIRE 4	MOUNTING				BRKR MIN KAIC						
LOAD DESCRIPTION	CB TRIP	CKT NO.	PH	CKT NO.	CB TRIP	LOAD DESCRIPTION						
UNIT HEATER	20	1	A	2	30	EX1-P-T1						
LIGHTS BLDG	20	3	B									
SUMP PUMP #2	15	5	C	4	20	WALL HEATER						
			A			6	20	WALL HEATER				
			B			8	20	WALL HEATER				
DEHUMIDIFIER BE-2 TUNNEL	20	7	C	10	35	BE-2 DEHUMIDIFIER TUNNEL (OUTSIDE UNIT)						
			A									
			B									
SPARE	20	11	C									
SPARE	20	13	A	16	20	??						
SPARE	20	15	B	18	20	??						
SPARE	20	17	C	20	20	SPARE						
SPARE	20	19	A	22	20	SPARE						
SPARE	20	21	B	24	20	SPARE						
SPARE	20	23	C	26	20	SPARE						
NOTES: FEED FROM: NL2-SB CKT4 BLDG: NUMBER 7 BLDG NAME EXIT STAIR 1 UPDATED BY: HOWARD DUNLAP UPDATED: DATE <table border="1"> <tr> <td>2/27/2020</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>							2/27/2020					
2/27/2020												



PANEL EX1-P	VOLTAGE	120\280		SN		MAIN BRKR SIZE		60A		
	PHASE	3		GND BUS		MAIL LUG ONLY				
	WIRE	4		MOUNTING		BRKR MIN KAIC				
LOAD DESCRIPTION		CB	CKT	PH	CKT	CB	LOAD DESCRIPTION			
		TRIP	NO.		NO.	TRIP				
FIRE ALARM COMPRESSOR EXIT STAIR 1		15	1	A	2	15	REC.			
			3	B	4	20	F-EX-1&2 (FAN)			
WATER HEATER		15	5	C	6	20	RAD MONITOR			
			7	A	8	30	??			
SOLENOID FIRE ALARM		15	9	B	10					
HE FAN DAMPER MOTOR		20	11	C	12	20	??			
NOTES: FEED FROM: EX1-L CKT #2 BLDG: NUMBER 7 BLDG NAME EXIT STAIR 1 UPDATED BY: HOWARD DUNLAP UPDATED DATE: 2/27/2020										