

277/480V 3Ø 4W+G				BUS RATING: 400A						MLO	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD	
EXISTING WATER HEATER	EXISTING WIRING	20	3	-	-	-	2	20	EXISTING WIRING	EXISTING BOILER #2	
			5	-	-	-	4				
EXISTING BOILER #1	EXISTING WIRING	20	9	-	-	-	8	20	EXISTING WIRING	EXISTING PUMP	
			11	-	-	-	12				
EXISTING PUMP	EXISTING WIRING	20	13	-	-	-	14	20	EXISTING WIRING	EXISTING AIR COMP 1 & 2	
			15	-	-	-	16				
EXISTING REFRIG.	EXISTING WIRING	20	17	-	-	-	18	40	EXISTING WIRING	EXISTING PANEL ST-LTG	
			19	-	-	-	20				
EXISTING PUMP	EXISTING WIRING	20	21	-	-	-	22	20	EXISTING WIRING	EXISTING PUMP	
			23	-	-	-	24				
PANEL KH	(4) 4/0 & (1) #2 GND.	225	25	-	-	-	26	125	(3) #1 & (1) #6 GND.	PANEL LKA/LKB VIA XFMR	
			27	-	-	-	28				
			29	-	-	-	30				
SPARE	-	20	31	-	-	-	32	20	-	SPARE	
SPARE	-	20	33	-	-	-	34	20	-	SPARE	
SPARE	-	20	35	-	-	-	36	20	-	SPARE	
SQUARE D NF PANEL			37	-	-	-	38	42	-	SPARE	
			39	-	-	-	40				
			41	-	-	-	42				
				-	-	-	- KVA TOTAL				

1 Panelboard BRH
E103 Scale: None

120/208V 3Ø 4W+G				BUS RATING: 100A						100A MAIN CIRCUIT BREAKER	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	BUS			BUS			CONDUCTORS	CONNECTED LOAD
				L1 KVA	L2 KVA	L3 KVA	L1 KVA	L2 KVA	L3 KVA		
EXISTING LIGHTING	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING LIGHTING	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING BOILER	
EXISTING RECEPTACLES	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING PANEL TC	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING DOM. PUMP	
EXISTING CONTACTOR	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING DOM. PUMP	
EXISTING TIME CLOCK	EXISTING WIRING	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING PUMP	
EXISTING RECEPTACLES	EXISTING WIRING	20	13	-	-	-	14	20	EXISTING WIRING	EXISTING EX FAN	
EXISTING OIL PUMP	EXISTING WIRING	20	15	-	-	-	16	20	EXISTING WIRING	EXISTING LIGHTING	
			17	-	-	-	18	20	EXISTING WIRING	EXISTING RECEPTACLES	
SPARE	-	20	19	-	-	-	20	20	-	SPARE	
SPARE	-	20	21	-	-	-	22	20	-	SPARE	
SPARE	-	20	23	-	-	-	24	20	-	SPARE	
SPARE	-	20	25	-	-	-	26	20	-	SPARE	
SPARE	-	20	27	-	-	-	28	20	-	SPARE	
SPARE	-	20	29	-	-	-	30	20	-	SPARE	
SPARE	-	20	31	-	-	-	32	20	-	SPARE	
SPARE	-	20	33	-	-	-	34	20	-	SPARE	
SPARE	-	20	35	-	-	-	36	20	-	SPARE	
SPARE	-	20	37	-	-	-	38	20	-	SPARE	
SPARE	-	20	39	-	-	-	40	20	-	SPARE	
SPARE	-	20	41	-	-	-	42	20	-	SPARE	
SQUARE D NQ PANEL				-	-	-	- KVA TOTAL				

4 Panelboard BRL
E103 Scale: None

277/480V 3Ø 4W+G				BUS RATING: 250A						MLO		
CONNECTED LOAD	CONDUCTORS	20	1	POSITION	L1 KVA	L2 KVA	L3 KVA	20	1	POSITION	CONDUCTORS	CONNECTED LOAD
EXISTING LIGHTING	EXISTING WIRING	20	1	-	-	-	-	2	20	EXISTING WIRING	EXISTING LIGHTING	
EXISTING LIGHTING	EXISTING WIRING	20	3	-	-	-	-	4	20	EXISTING WIRING	EXISTING LIGHTING	
EXISTING WATER HEATER	EXISTING WIRING	20	5	-	-	-	-	6	20	EXISTING WIRING	EXISTING LIGHTING	
			7	-	-	-	-	8	20			
EXISTING SPARE	-	20	9	-	-	-	-	10	20	EXISTING WIRING	EXISTING WATER HEATER	
			11	-	-	-	-	12	20			
			13	-	-	-	-	14	20			
EXISTING SPARE	-	20	15	-	-	-	-	16	20	EXISTING WIRING	EXISTING EX FAN	
			17	-	-	-	-	18	20			
			19	-	-	-	-	20	20			
EXISTING RANGE	EXISTING WIRING	20	21	-	-	-	-	22	40	EXISTING WIRING	EXISTING STEAMER	
			23	-	-	-	-	24	20			
			25	-	-	-	-	26	20			
EXISTING AHU	EXISTING WIRING	20	27	-	-	-	-	28	50	EXISTING WIRING	EXISTING STEAMER	
			29	-	-	-	-	30	20			
			31	-	-	-	-	32	20			
EXISTING LOAD	EXISTING WIRING	20	33	-	-	-	-	34	50	EXISTING WIRING	EXISTING LOAD	
			35	-	-	-	-	36	20			
SPARE	-	20	37	-	-	-	-	38	20	-		SPARE
SPARE	-	20	39	-	-	-	-	40	20	-		SPARE
SPARE	-	20	41	-	-	-	-	42	20	-		SPARE
SQUARE D NF PANEL				-	-	-	-	- KVA TOTAL				

2 Panelboard KH
E103 Scale: None

120/208V 3Ø 4W+G				BUS RATING: 225A				MLO			
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD	
EXISTING EX FAN	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING HOOD LIGHTS	
EXISTING DISHWASHER	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING REFRIG.	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING LIGHTS	
EXISTING RECEPTACLES	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING LIGHTS	
EXISTING RECEPTACLES	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	13	-	-	-	14	20	EXISTING WIRING	EXISTING SUPPRESSION	
EXISTING RECEPTACLES	EXISTING WIRING	20	15	-	-	-	16	20	EXISTING WIRING	EXISTING WARMING UNIT	
EXISTING RECEPTACLES	EXISTING WIRING	20	17	-	-	-	18	20	EXISTING WIRING	EXISTING WARMING UNIT	
EXISTING RECEPTACLES	EXISTING WIRING	20	19	-	-	-	20	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	21	-	-	-	22	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	23	-	-	-	24	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	25	-	-	-	26	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	27	-	-	-	28	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING EX FAN	EXISTING WIRING	20	29	-	-	-	30	20	EXISTING WIRING	EXISTING RECEPTACLES	
SPARE	-	20	31	-	-	-	32	20	-	SPARE	
SPARE	-	20	33	-	-	-	34	20	-	SPARE	
SPARE	-	20	35	-	-	-	36	20	-	SPARE	
SPARE	-	20	37	-	-	-	38	20	-	SPARE	
SPARE	-	20	39	-	-	-	40	20	-	SPARE	
SPARE	-	20	41	-	-	-	42	20	-	SPARE	
SQUARE D NQ PANEL				-	-	-	- KVA TOTAL				

5 Panelboard LKA
E103 Scale: None

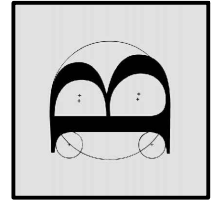
120/208V 3Ø 4W+G			BUS RATING: 100A						100A MAIN CIRCUIT BREAKER		
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CONDUCTORS	CONNECTED LOAD		
		AMPACITY	AMPACITY								
EXISTING RECEPTACLES	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING RECEPTACLES	
EXISTING RECEPTACLES	EXISTING WIRING	20	9	-	-	-	10	20	EXISTING WIRING	EXISTING RECEPTACLES	
SPARE	-	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING AC UNIT	
SPARE	-	20	13	-	-	-	14	20			
SPARE	-	20	15	-	-	-	16	20	-	SPARE	
SPARE	-	20	17	-	-	-	18	20	-	SPARE	
SPARE	-	20	19	-	-	-	20	20	-	SPARE	
SPARE	-	20	21	-	-	-	22	20	-	SPARE	
SPARE	-	20	23	-	-	-	24	20	-	SPARE	
SPARE	-	20	25	-	-	-	26	20	-	SPARE	
SPARE	-	20	27	-	-	-	28	20	-	SPARE	
SPARE	-	20	29	-	-	-	30	20	-	SPARE	
SPARE	-	20	31	-	-	-	32	20	-	SPARE	
SPARE	-	20	33	-	-	-	34	20	-	SPARE	
SPARE	-	20	35	-	-	-	36	20	-	SPARE	
SPARE	-	20	37	-	-	-	38	20	-	SPARE	
SPARE	-	20	39	-	-	-	40	20	-	SPARE	
SPARE	-	20	41	-	-	-	42	20	-	SPARE	
SQUARE D NQ PANEL				-	-	-	- KVA TOTAL				

3 Panelboard LK-1
E103 Scale: None

120/208V 3Ø 4W+G			BUS RATING: 225A						MLC	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER POSITION	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
EXISTING PANEL LK-1	EXISTING WIRING	30	1	-	-	-	2	20	EXISTING WIRING	EXISTING COMP.
			3	-	-	-	4	20	EXISTING WIRING	EXISTING WARMER
			5	-	-	-	6	20	EXISTING WIRING	EXISTING WARMING UNIT
EXISTING PANEL BRL	EXISTING WIRING	40	7	-	-	-	8	20	EXISTING WIRING	EXISTING WARMING UNIT
			9	-	-	-	10	20	EXISTING WIRING	EXISTING WARMING UNIT
			11	-	-	-	12	20	EXISTING WIRING	EXISTING WARMING UNIT
EXISTING WARMER	EXISTING WIRING	30	13	-	-	-	14	20	EXISTING WIRING	EXISTING MIXER
			15	-	-	-	16	20	EXISTING WIRING	EXISTING RECEPTACLES
			17	-	-	-	18	20	EXISTING WIRING	EXISTING CORD DROP
EXISTING PANEL SK	EXISTING WIRING	80	19	-	-	-	20	20	EXISTING WIRING	EXISTING CORD DROP
			21	-	-	-	22	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING WARMER	EXISTING WIRING	20	23	-	-	-	24	20	EXISTING WIRING	EXISTING RECEPTACLES
			25	-	-	-	26	20	EXISTING WIRING	EXISTING RECEPTACLES
EXISTING DISHWASHER	EXISTING WIRING	60	27	-	-	-	28	20	EXISTING WIRING	EXISTING MAU
			29	-	-	-	30	20	EXISTING WIRING	EXISTING MAU
SPARE	-	20	31	-	-	-	32	20	-	SPARE
SPARE	-	20	33	-	-	-	34	20	-	SPARE
SPARE	-	20	35	-	-	-	36	20	-	SPARE
SPARE	-	20	37	-	-	-	38	20	-	SPARE
SPARE	-	20	39	-	-	-	40	20	-	SPARE
SPARE	-	20	41	-	-	-	42	20	-	SPARE
SQUARE D NQ PANEL				-	-	-	- KVA TOTAL			

6 Panelboard LKB
E103 Scale: None

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HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND ELEMENTARY SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



DATE	DESCRIPTION

Drawn By: BJK
Checked By: BJK
Proj. #: 62-08-03-04-0-010-014
CSArch Proj. #: 197-2201.01
Issued for Bid: 8/18/23

Sheet Title

ELECTRICAL
PANEL
SCHEDULES

Sheet No.

HES
E103