

ADDENDUM #2

1.1 PROJECT INFORMATION

- A. Project Number: 2024-626
- B. Project Title: YTC 872 HVAC & Water Heater Replacement
- C. Project Location: Yakima Training Center, 1221 Firing Center Road, Yakima County, WA 98901
- D. Agency: Washington Military Department

1.2 NOTICE TO BIDDERS

- A. The following clarifications, changes, additions, and/or deletions are considered Addendum No. 2, and are hereby made a part of the contract documents. All bidders are required to base their bid upon the information furnished in this addendum and as required in the contract documents. The Contractor is required to acknowledge Addendum No. 2 in their company proposal. Failure to acknowledge Addendum No. 2 on the bid form will result in the bid proposal being declared non-responsive.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

1.3 ATTACHMENTS

- A. Pre-Bid Walkthrough Attendance Sheet (1 page).....July 1, 2025
- B. Detail 1, Sheet A-201 (Supplemental Instructions, SLA-01)July 3, 2025
- C. Sheet E-202, dated 7/3/2025 (revised) July 3, 2025
- D. Sheet E-301, dated 7/3/2025 (revised) July 3, 2025

1.4 CLARIFICATIONS

Joint Base Lewis-McChord (JBLM) recently announced new ID requirements for unescorted visitor access at that base and Camp Murray. These facilities will begin complying with the Federal Real ID Act, which means a standard Washington driver license or ID card will not be accepted for entry. Washington is one of five states whose standard driver license is not in compliance with the federal law. Washington's Enhanced Driver Licenses and Enhanced ID Cards are Real ID Act compliant and require proof of U.S. citizenship, identity and Washington state residence.

Washington residents who plan on visiting a military base in our state must have an Enhanced Driver License, Enhanced ID Card, or another acceptable form of identification to get a visitor's pass for unescorted access to these bases. Acceptable forms of ID include:

- Washington State Enhanced Driver License or Enhanced ID Card
- U.S. Military ID
- U.S. Passport or U.S. Passport Card.
- Permanent resident card (Green Card) or Alien Registration Receipt Card (INS Form I-551).
- Native American tribal document.
- Employment authorization document that contains a photograph (INS Form I-776).
- Foreign passport with a temporary I-551 stamp or temporary I-551 printed notation on a machine readable immigrant visa.
- Foreign passport with a current arrival-departure record or foreign passport with INS Form I-94/I-94A bearing the same names as the passport and containing an endorsement of the alien's nonimmigrant status, if that status authorizes the alien to work for an employer.

Failure to provide requested form of ID will result in an access denial to Camp Murray. In addition, please see below requirements:

If Driving:

1. Valid Driver's License
2. Valid Vehicle Insurance
3. Valid Vehicle Registration

If Other:

Must have a current non-expired ID
Will not be allowed to drive

- o ALL VEHICLES ARE SUBJECT TO SEARCH. PERSON(S) REFUSING TO BE SEARCHED WILL BE DENIED ACCESS. NO FIREARMS, WEAPONS, ILLEGAL DRUGS, MARIJUANA, OR FIREWORKS ARE AUTHORIZED. VIOLATORS MAY BE PROSECUTED AND BARRED FROM ENTRY.
- o If an employee is terminated or decides to leave the company, please ensure that their access pass or access card is promptly collected. Once collected, please bring them to the visitor center for proper processing.

1.5 QUESTIONS & ANSWERS

Q1: Is a thermostatic mixing valve required for the domestic hot water system?

R1: No. This is an equipment replacement only for the water heater.

1.6 REVISIONS TO SPECIFICATIONS

- A. Section 238126 – Split System Furnaces
Paragraph 2.1.A – Manufacturers
ADD:
3. Trane

1.6 REVISIONS TO DRAWINGS

- A. Sheet G-001, Cover Sheet
Sheet Index
DELETE
E-203 Roof Plan – Power & Demo
REPLACE WITH
E-203 Building 873 – Power & Demo
- B. Sheet A-201, Floor & Reflected Ceiling Plan
ADD Detail 1 (see Supplemental Instruction SI.A-01, attached)

Floor Plan, Mechanical Room 102
ADD note & leader arrow pointing to north end of east wall:
“PROVIDE WALL MOUNTED CONTROL DESK, SEE DETAIL 1/SHEET A-201”
- C. Sheet M-002, Mechanical Schedules
Exhaust Fan Schedule, EF-4, Motor
DELETE
1/3 HP & 115/1 V/Ph
REPLACE WITH
3/4 HP & 108/3 V/Ph

Gas-Fired Unit Heater Schedule

UH-1, UH-2, UH-3 & UH-4, Notes

ADD: Key Note⑥

Notes:

ADD

- ⑥ PROVIDE NEW SHUT-OFF VALVE AND NEW OH SECTIONAL DOOR INTERLOCK WIRING CONFORMING TO CURRENT YTC STANDARD.

Clarification: Replace existing shut-off valves to Unit Heaters 1 through 4 with new

Gas Furnace Schedule

SF-1 and SF-2, Notes

ADD: Key Notes⑨⑩

Notes:

ADD

- ⑨ Provide new acid neutralization kit (one kit may serve both units)
⑩ If unit is supplied with integral P-trap, indicate in submittals

Fume Extractor Arm Schedule

Manufacturer:

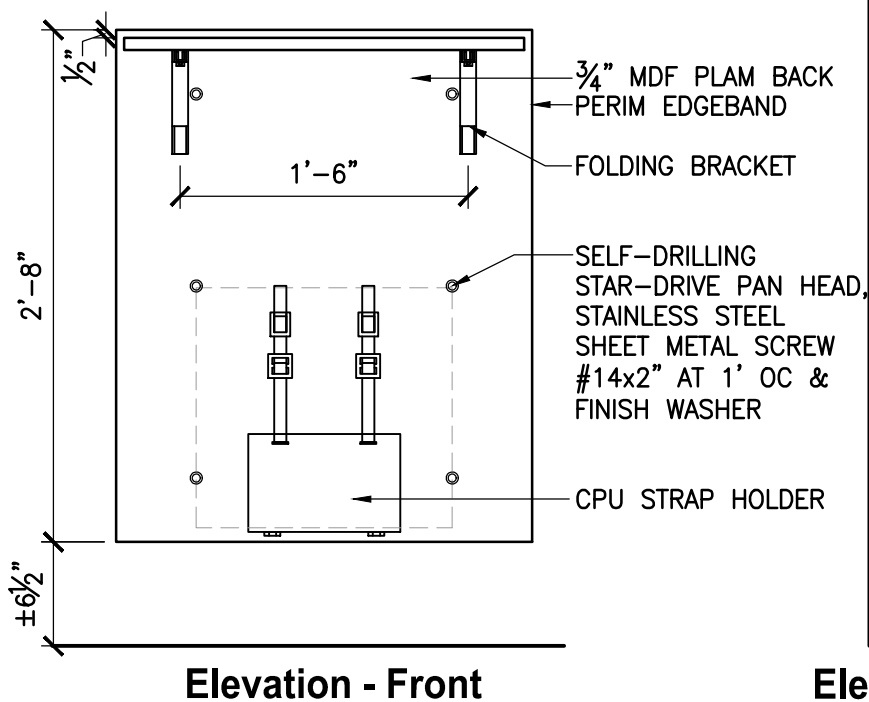
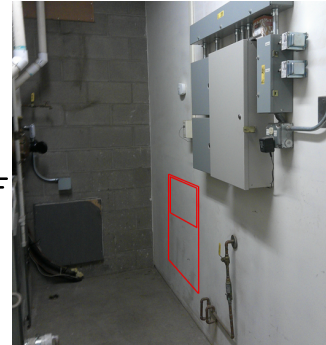
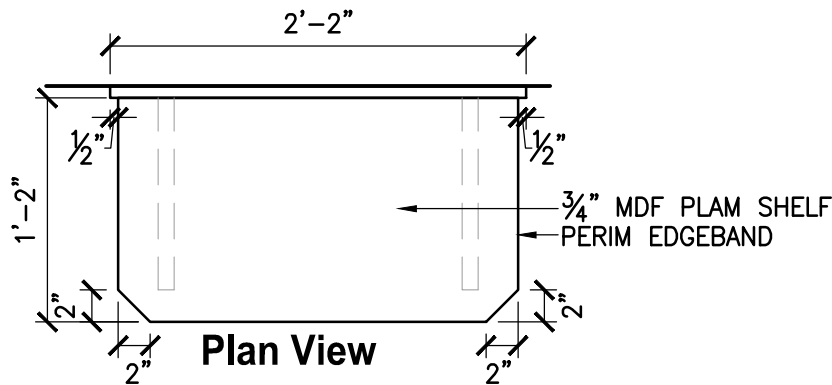
ADD, “approved equal: AQC, Maxair”

- D. Sheet M-101 Level 1 – HVAC Demo
Floor plan for Building 873
DELETE note
“DEMO (E)UNIT HEATER”
REPLACE WITH note
“ALTERNATE 1 – DEMO (E) UNIT HEATER”
- E. Sheet E-203, Roof Plan – Power & Demo
DELETE this sheet, dated 6/2/2025, in its entirety
REPLACE WITH
Sheet E-203 Building 873 – Power & Demo, dated 7/3/2025, attached
- F. Sheet E-301, Details – Schedules – Single Line Diagram
DELETE this sheet, dated 6/2/2025, in its entirety
REPLACE WITH
Sheet E-301 Details – Schedules – Single Line Diagram, dated 7/3/2025, attached

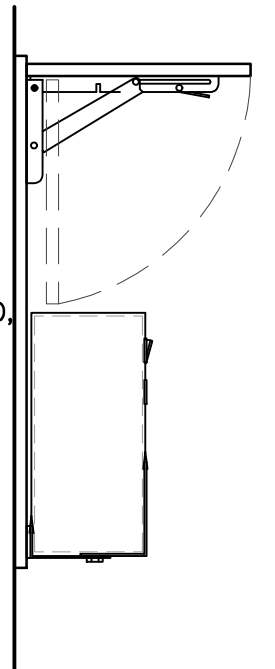
END OF ADDENDUM #2

ATTENDANCE SHEET - - - please print legibly - - -

	Attendee Name (print)	Company Name (print)	Role (check appropriate column)			Phone Number	Email
			Prime General Contractor	Sub Contractor/ Supplier	Other Owner, AE		
1	Sachin Saldanha	WA Military Department			X	(253) 338-6657	sachin.saldanha@mil.wa.gov
2	Jim Cortner	Cortner Architectural Co			X	(509) 363-1039	jim@cortner-ps.com
3	Bill Doyle	"			X	"	bill@contractor-ps.com
4	Jack Lee	Copper Mechanicals		X		360-852-1583	Andrew@CopperMechanical
5	Dave Lowry	Pacific Mechanical & Electric	X			425-550-4936	Dave@pacmechelectric.com
6	MATT MARSHALL	CAMPBELL & COMPANY	X			509 930 3512	MATT MC CAMPBELL.COM
7	Jack Morris	Campbell & Co	X			509-366 8544	Jack.m@callcampbell.com
8	Claudio Saldanha	CP Mechanical	X			509-910 5027	CPS@cpmechanical/HVAC.com
9	Randy Marshall	COLUMBIA ALLEG SERVICES	X			360 772-5110	Randy@ColumbiaAlleg.com
10							



Elevation - Side



MATERIAL SPECIFICATIONS

MDF ROSEBURG, MEDITE

PLAM WILSONART, WINDSWEEP PEWTER #4795-60 MATTE FINISH
WITH MATCHING 3MM PVC EDGE BAND

FOLDING BRACKET (HEAVY-DUTY SOFT-CLOSE)

SUGATSUNE, EB-303/EP-BL-D

CPU STRAP HOLDER (WALL MOUNT)

VIVO, MOUNT-PC03V

1

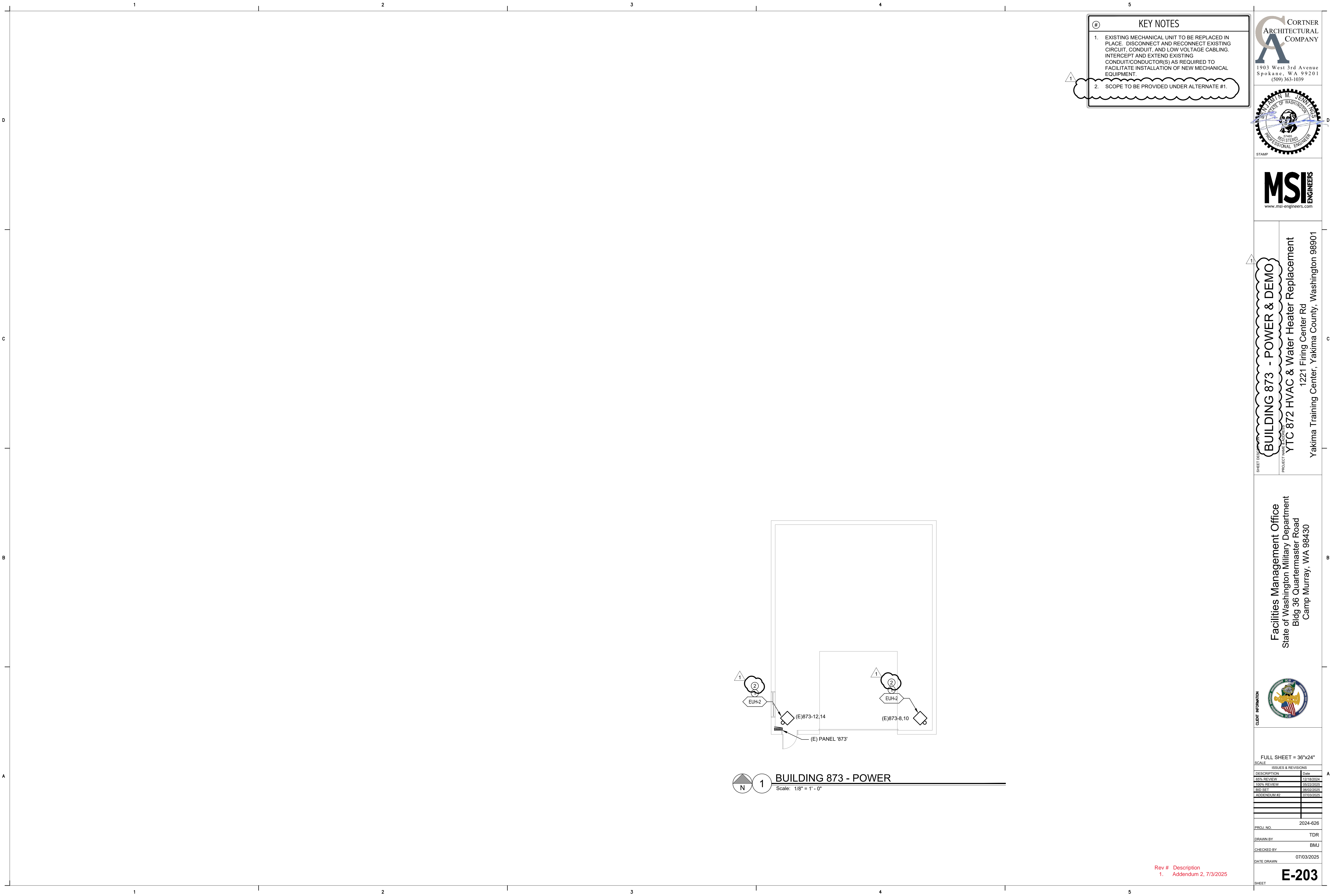
Wall-Mounted Control Desk Detail


SCALE: 1" = 1'-0"

A-201



Supplemental Instruction



 **1** **BUILDING 873 - POWER**
Scale: 1/8" = 1' - 0"

#

KEY NOTES

1.

EXISTING MECHANICAL UNIT TO BE REPLACED IN PLACE. DISCONNECT AND RECONNECT EXISTING CIRCUIT, CONDUIT, AND LOW VOLTAGE CABLING. INTERCEPT AND EXTEND EXISTING CONDUIT/CONDUCTOR(S) AS REQUIRED TO FACILITATE INSTALLATION OF NEW MECHANICAL EQUIPMENT.

2.

SCOPE TO BE PROVIDED UNDER ALTERNATE #1.

CORTNER
ARCHITECTURAL
COMPANY

1903 West 3rd Avenue
Spokane, WA 99201
(509) 363-1039

SEAN T. AM N. M. JENNINGS

STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

STAMP

MSI
ENGINEERS

www.msi-engineers.com

BUILDING 873 - POWER & DEMO

PROJECT ANALYSIS & DESIGN

YTC 872 HVAC & Water Heater Replacement

1221 Firing Center Rd


Yakima Training Center, Yakima County, Washington 98901

Facilities Management Office

State of Washington Military Department

Bldg 36 Quartermaster Road

Camp Murray, WA 98430



FULL SHEET = 36"x24"

SCALE

ISSUES & REVISIONS	
DESCRIPTION	Date
65% REVIEW	12/18/2024
100% REVIEW	08/22/2025
REV SET	08/02/2025
ADDENDUM #2	07/03/2025

PROJ. NO. 2024-626

DRAWN BY TDR

CHECKED BY BMJ

DATE DRAWN 07/03/2025

Rev # Description

1. Addendum 2, 7/3/2025

SHEET **E-203**

MSI ENGINEERS																			
(E)PANEL: A																			
VOLTAGE: 208/120V PHASE: 3 WIRE: 4 MINIMUM AIC RATING: SEE SINGLE LINE																			
AMPERE RATING: 225A ENCLOSURE RATING: NEMA 1																			
QTY	LOAD NO. (VA)	LOAD SERVED	NOTE	LOAD TYPE	AMPS/ POLES	PHASE	AMPS/ POLES	LOAD TYPE	NOTE	LOAD SERVED	LOAD (VA)	QTY	LOAD NO. (VA)	LOAD SERVED	NOTE	LOAD TYPE	AMPS/ POLES	PHASE	AMPS/ POLES
1	1152	UNIT HEATER UH-1,2		R	20 1 1	1152	20 1 1			LIGHTS, RM 113		2							
3		LIGHTS, RM 100, 107		R	20 1 1	0	20 1 1			LIGHTS, RM 113		4							
5		LIGHTS, RM 100, 108		R	20 1 1	0	20 1 1			LIGHTS, RM 113		6							
7		DRY WELL, SUMP PUMP		R	20 1 1	0	20 1 1			LIGHTS, RM 113		8							
9		OIL ALARM		R	20 1 1	0	20 1 1			LIGHTS, EXTERIOR		10							
11		LIGHTS, RM 111		R	20 1 1	0	20 1 1			WASH RACK LIGHTS		12							
13		REC. RM 111		R	20 1 1	0	50 2			REC. RM 113		14							
15		REC. RM 111		R	20 1 1	0	** *			REC. WELDER		16							
17		REC. RM 104		R	20 1 1	0	50 2			GCS		18							
19		REC. RM 100, 101		R	20 1 1	0	** *			GCS		20							
21		REC. RM 102, 103, 105, INTERIET		R	20 1 1	0	20 1 1			UMS #1		22							
23		REC. RM 102, 103, 105, INTERIET		R	20 1 1	0	20 1 1			UMS #2		24							
25		REC. RM 107, 109, 110		R	20 1 1	0	20 3			REC. RM 113		26							
27		REC. RM 103 NORTH WALL		R	20 1 1	0	** *			REC. DC POWER SUPPLY		28							
29		REC. RM 103 NORTH WALL		R	20 1 1	0	** *			REC. DC POWER SUPPLY		30							
31		REC. RM 113		R	20 1 1	0	20 1 1			COMPUTER DEDICATED		32							
33		REC. RM 113		R	20 1 1	0	20 1 1			REC. EYE WASH		34							
35		REC. SE WALL		R	20 1 1	0	20 1 1			REC. QFI NORTH WALL		36							
37		REC. RM 113, DROP LIGHT, BAY #4		R	20 1 1	0	20 1 1			REC. RM 101		38							
39		REC. RM 113, DROP LIGHT, BAY #4		R	20 1 1	0	20 1 1			HUMIDIFIER		40							
41		REC. RM 113		R	20 1 1	0	20 1 1			REC. RM 113, DROP LIGHT, BAY #1		42							
CONNECTED LOADS: Amps VA LOAD TYPES: L = LIGHTING R = RECEPTACLES																			
PHASE A: 10 1152 MC = MISC MT = MOTOR K = KITCHEN																			
PHASE B: 0 0 LARGEST MOTOR = # OF KITCHEN =																			
PHASE C: 0 0																			
TOTAL: 1152																			
LOADING BY TYPE DEMAND FACTOR DEMAND NEC CODE																			
L 125% 0 VA 210-19																			
R 10kVA @ 100% REM @ 50% 0 VA 220-44																			
MC 100% 1152 VA 220-60																			
MT 100% + LARGEST x 25% 0 VA 220-50																			
K 0 VA 220-56																			
TOTAL 1152 3																			

MSI ENGINEERS																			
(E)PANEL: A1																			
VOLTAGE: 208/120V PHASE: 3 WIRE: 4 MINIMUM AIC RATING: SEE SINGLE LINE																			
AMPERE RATING: 225A ENCLOSURE RATING: NEMA 1																			
QTY	LOAD NO. (VA)	LOAD SERVED	NOTE	LOAD TYPE	AMPS/ POLES	PHASE	AMPS/ POLES	LOAD TYPE	NOTE	LOAD SERVED	LOAD (VA)	QTY	LOAD NO. (VA)	LOAD SERVED	NOTE	LOAD TYPE	AMPS/ POLES	PHASE	AMPS/ POLES
43		EF-1 (1/4 HP)		R	15 1 1	0	** *			EF-3 (1 1/2 HP)		44							
45		EF-2 (1/4 HP), RM 106		R	15 1 1	0	** *			EF-3 (1 1/2 HP)		46							
47		EF-5 (1/3 HP)		R	15 1 1	0	** *			EF-3 (1 1/2 HP)		48							
49		EF-6 (1/4 HP), ALARM, LUBE ROOM		R	15 1 1	0	** *			EF-4 (3/4 HP)		50							
51		(4) UH-#3, #4, BAY HEATERS		R	20 1 1	0	** *			EF-4 (3/4 HP)		52							
53		SF-1 (1/3 HP), OFFICE HEAT/IR		R	15 1 1	0	** *			EF-4 (3/4 HP)		54							
55		VIN CONTROLS		E	20 1 1	0	40 3			E AIR COMP 7 1/2 HP		56							
57		SF-2 (1/3 HP), SUPPLY HEAT/IR		R	20 1 1	0	** *			E AIR COMP 7 1/2 HP		58							
59		DOCPANEL, MECH ROOM		E	20 1 1	0	** *			E AIR COMP 7 1/2 HP		60							
61		DOOR MOTOR (1 HP)		E	15 1 3	0	** *			E COMBUSTOR		62							
63		DOOR MOTOR (1 HP)		E	** *	0	30 2			R CONDENSING UNIT #1		64							
65		DOOR MOTOR (1 HP)		E	** *	0	** *			R CONDENSING UNIT #1		66							
67		DOOR MOTOR (1 HP)		E	15 1 3	0	** *			R CONDENSING UNIT #2		68							
69		DOOR MOTOR (1 HP)		E	** *	0	** *			E DOOR MOTOR (1 HP)		70							
71		DOOR MOTOR (1 HP)		E	30 1 0	0	** *			E DOOR MOTOR (1 HP)		72							
73		PRESSURE WASHER		E	30 1 0	0	** *			R CONDENSING UNIT #2		74							
75		PRESSURE WASHER		E	** *	0	** *			R CONDENSING UNIT #2		76							
77		PRESSURE WASHER		E	** *	0	20 1			E HI PRESSURE WASH, 1/2 HP		78							
79		GCS SHORE POWER		E	60 3 0	0	** *			E GCS SHORE POWER		80							
81		GCS SHORE POWER		E	** *	0	** *			E GCS SHORE POWER		82							
83		GCS SHORE POWER		E	** *	0	** *			E GCS SHORE POWER		84							
CONNECTED LOADS: Amps VA LOAD TYPES: L = LIGHTING R = RECEPTACLES																			
PHASE A: 0 0 MC = MISC MT = MOTOR K = KITCHEN																			
PHASE B: 0 0 LARGEST MOTOR = # OF KITCHEN =																			
PHASE C: 0 0																			
TOTAL: 0																			
LOADING BY TYPE DEMAND FACTOR DEMAND NEC CODE																			
L 125% 0 VA 210-19																			
R 10kVA @ 100% REM @ 50% 0 VA 220-44																			
MC 100% 0 VA 220-60																			
MT 100% + LARGEST x 25% 0 VA 220-50																			
K 0 VA 220-56																			
TOTAL 0 0																			

MSI ENGINEERS													
(E)PANEL: BLG #873													
VOLTAGE: 208/120V		PHASE: 1		WIRE: 3		MINIMUM AIC RATING: SEE SINGLE LINE							
AMPERE RATING: 125A		ENCLOSURE RATING:		NEMA 1		(E)200A MAIN BREAKER							
QTY	LOAD NO. (VA)	LOAD SERVED	NOTE	LOAD TYPE	AMPS/ POLES	PHASE	AMPS/ POLES	LOAD TYPE	NOTE	LOAD SERVED	LOAD (VA)	QTY	LOAD NO. (VA)
1	REC - WEST WALL		E	20	1	0	20	1	E	REC		2	
3	LIGHTS - INTERIOR		E	15	1	0	15	1	E	REC		4	
5	SPRKE		E	15	1	0	15	1	E	LIGHTS - EXTERIOR EXIT		6	
7	COMPRESSOR		E	20	2	0	60	2	R	UNIT HEATER		8	
9	COMPRESSOR		E	20	2	0	60	2	R	UNIT HEATER		10	
11	REC - WELDING		E	50	2	0	60	2	R	UNIT HEATER		12	
13	REC - WELDING		E	**	1	0	**	1	R	UNIT HEATER		14	
15	SPRKE									SPRKE		16	
17	SPRKE									SPRKE		18	
19	SPRKE					0				SPRKE		20	
21	SPRKE					0				SPRKE		22	
23	SPRKE									SPRKE		24	
25	SPRKE									SPRKE		26	
27	SPRKE					0				SPRKE		28	
29	SPRKE					0				SPRKE		30	
CONNECTED LOADS:				amps		VA		LOAD TYPES: L = LIGHTING					
PHASE A				0	0	R = REFRIGERATORS							
PHASE B				0	0	MC = MISC							
TOTAL					0	K = KITCHEN							
						LARGEST MOTOR =							
						# OF KITCHEN =							
NOTES:													
R - EXISTING LOADUNIT TO BE REPLACED IN PLACE WITH SIMILAR EQUIPMENT. RE-USE													
B - BREAKER													
E - EXISTING LOAD TO REMAIN													
NR - NEW LOAD. REUSE EXISTING BREAKER.													
LOADING BY TYPE													
DEMAND FACTOR		DEMAND		NEC CODE									
L		125%		0 VA		210-19							
R		10kVA @ 100% REM @ 50%		0 VA		220-44							
MC		100%		0 VA		220-60							
MT		100% + LARGEST x 25%		0 VA		220-50							
K				0 VA		220-56							
TOTAL				0		0							