

ADDENDUM NO. 1

September 5, 2024

Engineer:
Parametrix
1019 39th Avenue SE
Suite 100
Puyallup, Washington 98374

Owner:
The Tulalip Tribes of Washington
6406 Marine Drive
Tulalip, WA 98271

MARINA PUMP STATION REPLACEMENT

To: All Holders of the Bidding Documents, Contract Specifications, and Construction Drawings

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents, Contract Specifications, and Construction Drawings for the opening date of September 12, 2024.

Acknowledge receipt of this addendum on the Bid Proposal Form. Failure to do so may subject the Bidder to disqualification. This addendum consists of:

 2 Pages of text (including this cover sheet)

 2 Revised Drawings



9/6/2024

Prepared by: _____
John L. Wright III, PE

Checked by: _____
John Carl Hungerford, PE

Approved by: _____
John Carl Hungerford, PE

ADDENDUM NO. 1
MARINA PUMP STATION REPLACEMENT
REVISIONS TO CONTRACT DOCUMENTS

SPECIFICATIONS

1. Section 26 09 23

- a. Paragraph 2.01.D.1 is replaced with “ABB ACQ580-31-059A-2+K490 DRIVE.”

PLANS

1. Sheet E3

- a. Sheet E3 is replaced with the attached Sheet E3.

2. Sheet I2

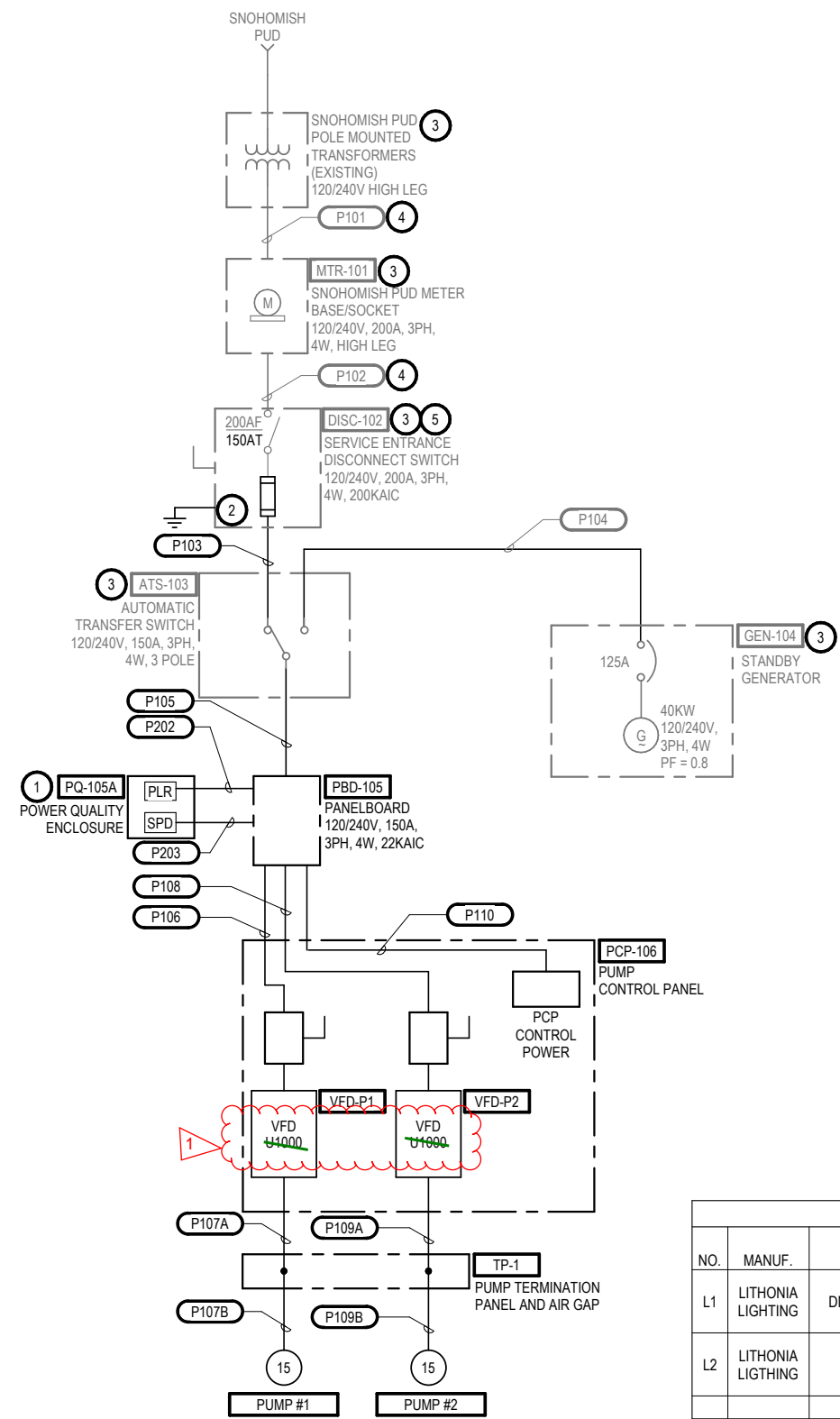
- a. Sheet I2 is replaced with the attached Sheet I2.

ATTACHMENTS

1. Sheet E3

2. Sheet I2

- NOTES:**
- ENCLOSURE CONTAINS BOTH POWER LOSS RELAY AND SURGE PROTECTION DEVICE. SEE SPECIFICATIONS FOR PM AND SPD.
 - EXISTING MAIN BONDING JUMPER LOCATED IN SERVICE ENTRANCE DISCONNECT ENCLOSURE.
 - EXISTING EQUIPMENT.
 - EXISTING CONDUIT AND CABLES.
 - REPLACE FUSES WITH 150A FUSE.
 - SEE CONDUIT AND CABLE SCHEDULE FOR WIRING INFORMATION.



ONE-LINE DIAGRAM
SCALE: NONE

v 6.0

PANELBOARD SCHEDULE

NAME: PBD-105 (NEW)

VOLTAGE RATING: **240Δ/120 VOLTS, 3 PHASE, 4 WIRE**
 BUS RATING: **225** AMPS
 MAIN CIRCUIT BREAKER: **150** AMPS
 FEED: **BOTTOM**
 MOUNTING: **SURFACE**
 SPECIAL FEATURES: **22KAIC**

LOCATION: **TULALIP MARINA PUMP STATION**
 FED FROM: **ATS**
 NOTES: **NEMA 3R, PADLOCK HASP**

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1 L2 L3	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE
	SURGE PROTECTION DEVICE (CIRCUIT BREAKER)		1		-A-		2	6,755		
			3	30 / 3	-B-	80 / 3	4	6,755	PCP-106, VFD-P1 (PUMP #1 FLYGT 15HP, 39FLA)	LM
			5		-C-		6	6,755		LM
			7		-A-		8	6,755		M
	PHASE LOSS RELAY (PANELBOARD PHASE VOLTAGE SENSING)		9	15 / 3	-B-	80 / 3	10	6,755	PCP-106, VFD-P2 (PUMP #2 FLYGT 15HP, 39FLA)	M
			11		-C-		12	6,755		M
L	LTG, SHELTER & FLOOD (ROTARY TIMER SW)	75	13	20 / 1	-A-		20 / 1	14	SPARE	
	HIGH LEG		15	/ 1	-B-		/ 1	16	HIGH LEG	
R	RECEPT, GFI (EXTERIOR)	180	17	20 / 1	-C-		20 / 2	18	SPARE	
	SPARE		19	20 / 1	-A-		/ 1	20		
	HIGH LEG		21	/ 1	-B-		/ 1	22	HIGH LEG	
R	RECEPT, GENERATOR	1,920	23	20 / 1	-C-		20 / 1	24	1,000 PUMP CONTROL PANEL 120V POWER	X
LINE LOADS:		13,585 VA(L1)				13,510 VA(L2)			16,610 VA(L3)	
TOTAL LOAD:			43.70 KVA			105.1				

PBD-105 (NEW) LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL LIGHTING (L) LOAD:	L	75	ALL @	125%	94
TOTAL RECEPTACLE (R) LOAD:	R	2,100	FIRST 10KVA @	125%	2,625
			REMAINDER OVER 10KVA	50%	0
TOTAL MOTOR (M) LOAD:	M	20,264	ALL @	100%	20,264
	LM	20,264	125% OF LARGEST	125%	25,331
TOTAL HVAC (H) LOAD:	H	0	ALL @	125%	0
TOTAL MISCELLANEOUS (X) LOAD:	X	1,000	ALL @	125%	1,250
TOTAL VA:		43,704 VA			49,564 VA
AVERAGE AMPS @		105 AMPS			119 AMPS
VOLTAGE PHASE TO PHASE=		240			

LIGHTING FIXTURE SCHEDULE

NO.	MANUF.	CATALOG NUMBER	VOLTS	INPUT WATTS	LAMPS	MOUNT	REMARKS
L1	LITHONIA LIGHTING	DMW2 L24 3000LM PCL WD MVOLT 40K 80CRI WLFEND STSL	MVOLT, 120V	27	LED	LIGHT WILL BE MOUNTED UNDER CANOPY WITH SURFACE MOUNTING BRACKETS.	WET LOCATION LED, 3000 LUMENS, 4000K, 24" LENGTH, MOUNTING BRACKETS, OR EQUAL. PROVIDE BIRD DETERANT SPIKES ON TOP OF LIGHT FIXTURE.
L2	LITHONIA LIGHTING	DSXF1 LED P1 40K WEL MVOLT YKC62 CCE DBLXD	MVOLT, 120V	21	LED	MOUNTS TO CANOPY WITH YOKE MOUNT	WET LOCATION LED, 3058 LUMENS, 4000K, BLACK, YOKE CONNECTION, OR EQUAL. AIM FLOOD LIGHT TO ILLUMINATE INTO WET WELL. PROVIDE BIRD DETERANT SPIKES ON TOP OF LIGHT FIXTURE.

REVISIONS	DATE	BY	DESIGNED
1 REVISED VFD	09/04/24	RWR	R. ROHLER
			J. VONDERAHE
			M. CASANOVA
			J. WRIGHT

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY.

FILE NAME: 1598_164-COMP.rvt
 JOB NO: 216-1598-164
 DATE: AUGUST 2024

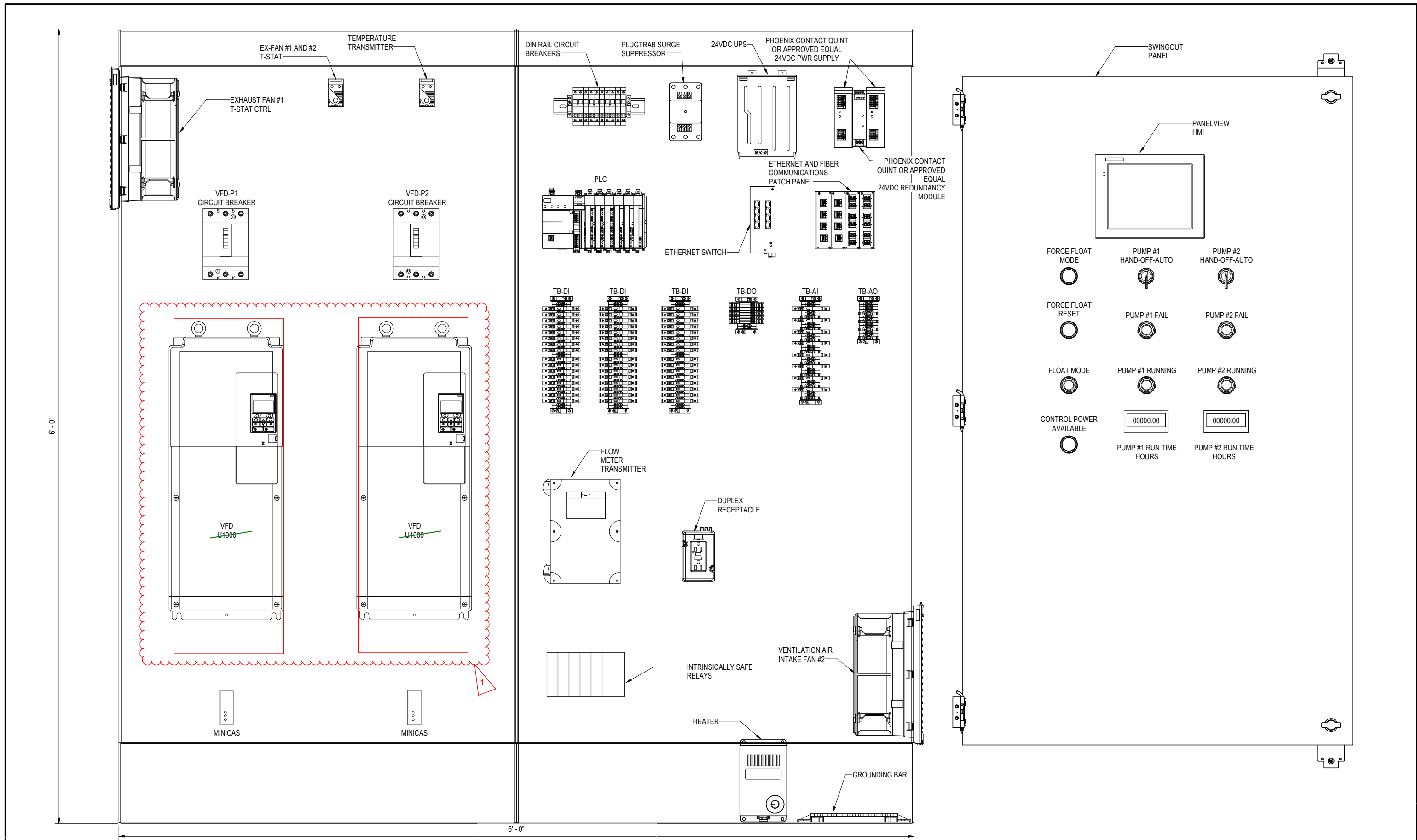


Parametrix
 1019 39th Avenue SE, Suite 100 • Puyallup, WA 98374
 Ph: 253.604.6600

PROJECT NAME
THE TULALIP TRIBES MARINA PUMP STATION REPLACEMENT
 TULALIP INDIAN RESERVATION
 SNOHOMISH COUNTY, WASHINGTON

ELECTRICAL ONE-LINE DIAGRAM AND LOAD CALCS

DRAWING NO. OF **E3**



REVISIONS	DATE	BY	DESIGNED
1	09/04/24	CBC	R. ROHLER
			DRAWN J. VONDERAHE
			CHECKED M. CASANOVA
			APPROVED J. WRIGHT

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY.

FILE NAME: 1598_164-COMP.rvt
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8/14/2024

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Ph: 253.604.6600

PROJECT NAME
**THE TULALIP TRIBES
MARINA PUMP STATION REPLACEMENT**
TULALIP INDIAN RESERVATION
SNOHOMISH COUNTY, WASHINGTON

**PUMP CONTROL PANEL
CONCEPTUAL LAYOUT**

DRAWING NO.
OF
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