

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 4

CONTRACT 2025.11

AUBURN VEHICLE STORAGE GARAGE

MILE 76.9

The bid opening date is June 17, 2025 at 11:00 A.M.

A pre-bid conference was held on May 13, 2025 at 10:00 A.M. at Maine Turnpike Authority.

A site walk-thru was held on Wednesday May 14, 2025 at 2:00 P.M. at Maine Turnpike's Auburn Maintenance Facility.

The following changes are made to the Proposal, Specifications and Plans. Refer to the Questions section for additional information.

GENERAL

All questions regarding Contract 2025.11 should be submitted by Noon on June 11, 2025 to be answered by Addendum on or before June 13, 2025. Questions received after that time may not be answered.

PROPOSAL

Intentionally left blank.

SPECIFICATIONS

1. Special Provision Section 263213 Engine Generators, Part 2, 2.2.C.1 Capacities and Characteristics, Power Ratings, page 263213-5: Contractor shall make a 'pen and ink' change by deleting "125 KW" and inserting "60 KW".

PLANS

1. Plan sheet 20 of 36 – Details (Revised): Contractor shall make a 'pen and ink' change by deleting the words "Liner Panel" from Details 9 thru 15, and adding in its place, "Metal Closure Trim".
2. Plan sheet 32 of 36 – Electrical Site Plan: Contractor shall delete Sheet 32 of 36 – Electrical Site Plan and replace with Sheet 32 of 36 – Electrical Site Plan, with Revision Block noting Addendum #4 and dated 6/12/2025. The revised sheet provides clarification to the Electrical Equipment Enclosure and additional details for enclosed electrical equipment.
3. Plan sheet 33 of 36 – Lighting Plan: Contractor shall delete Sheet 33 of 36 – Lighting Plan and replace with Sheet 33 of 36 – Lighting Plan, with Revision Block noting Addendum #4 and dated 6/12/2025. The revised sheet provides additional information for the Electrical Equipment Enclosure lighting.

4. Plan sheet 36 of 36 – Power Riser Diagram: Contractor shall delete Sheet 36 of 36 – Power Riser Diagram and replace with Sheet 36 of 36 – Power Riser Diagram, with Revision Block noting Addendum #4 and dated 6/12/2025. The revised sheet provides clarification to the electrical equipment within the electrical equipment enclosure.

QUESTIONS

The following are questions submitted to the Maine Turnpike Authority in writing. Answers to the questions are noted. Bidders shall utilize this information in preparing their bid.

Question 1: What size generator is required, 60kw or 125kw?

Answer: The generator output is to be a 60kw .

Question 2: Please clarify the need for a liner panel as shown on some of the details on sheet 20 of 36.

Answer: Contractor shall make the following ‘pen and ink’ change to Details 9 thru 15 on sheet 20 of 36: Delete the words “Liner Panels” and change to “Metal Closure Trim”.

Question 3: A fire alarm vender brought to my attention there are no horn/strobes shown on the drawing. To meet code, he believes there should be some. Also, the drawings do show 8 flame detectors which is not common or necessary for garage spaces. Please advise.

Answer: Horn/strobes are required per plan; see sheet 14 of 36. Flame detectors shall be provided per plan.

Question 4: Please advise if there is a contact for the 8x8x8 metal building shown on the electrical drawings ES100 page 32. At this time, Hoffman does not have this size, and none of the local metal builders will build this.

Answer: This is not intended to be a building. It is a simple electrical equipment enclosure. The intent is an 8’x8’x9’ tall stainless steel metal, enclosure with metal roof. The enclosure shall be secured to the concrete pad. If Hoffman does not offer the size requested, alternate manufacturers or alternate sizes will be considered. Revised electrical drawings included with this addendum are offered to clarify the design intent. Note that all panels/meters shall be mounted to Unistrut and that the Unistrut is free standing and not mounted to the enclosure. All electrical panels/ats/equipment shall be Nema 3R.

ATTACHMENTS

- (This document – Addendum #4 (three pages))
- Specifications – (none)
- Plans (three pages)

Notes: The above items shall be considered as part of the bid submittal.

The total number of pages included in this addendum is six (6) pages.

All bidders are requested to acknowledge the receipt of the Addendum No. 4 by signing below and emailing this sheet to Nathaniel Carll, Purchasing Department, Maine Turnpike Authority at ncarll@maineturnpike.com. Bidders are also required to acknowledge receipt of this Addendum No. 4 on Page P-8 of the bid package.

Business Name

Print Name and Title

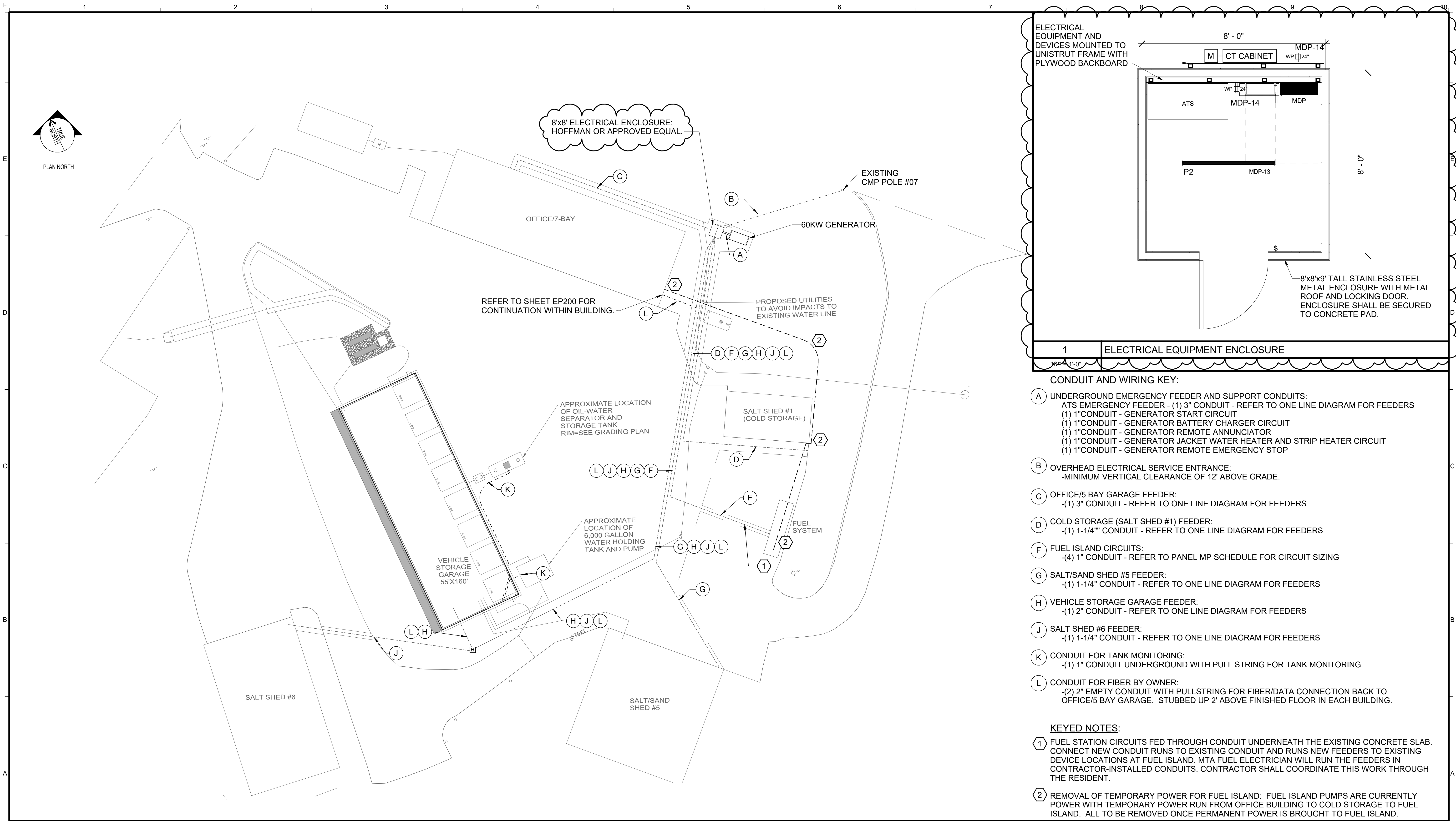
Signature

Date

Very truly
yours,

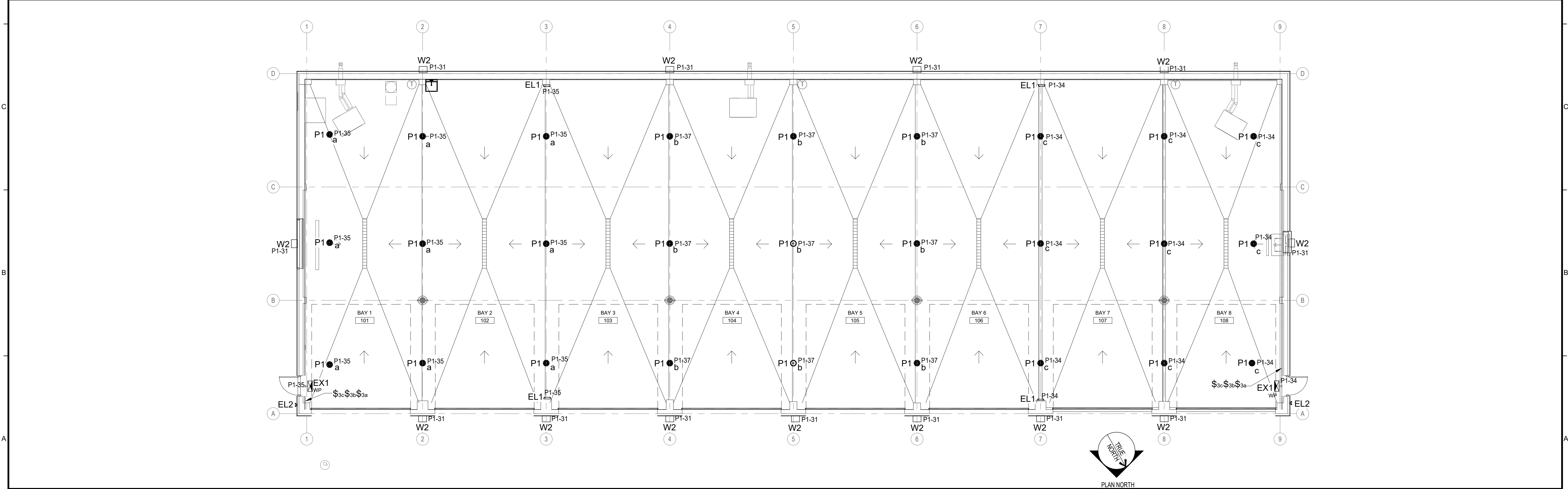
MAINE TURNPIKE AUTHORITY



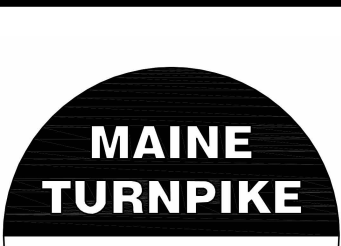
Nathaniel Carll
Purchasing Department
Maine Turnpike
Authority



A1		ELECTRICAL SITE PLAN OVERHEAD																															
1" = 30'-0"																																	
Scale: As indicated		Designed by: Anthony S. Davis, PE																															
<table><tr><th>No.</th><th>Revision</th><th>By</th><th>Date</th></tr><tr><td>1</td><td>Addendum #3</td><td>SO</td><td>05/16/2025</td></tr><tr><td>2</td><td>Addendum #4</td><td>SO</td><td>06/12/2025</td></tr></table>		No.	Revision	By	Date	1	Addendum #3	SO	05/16/2025	2	Addendum #4	SO	06/12/2025	<table><tr><td></td><td>By</td><td>Date</td><td></td><td>By</td><td>Date</td></tr><tr><td>Designed:</td><td>BTG</td><td>04/25/2025</td><td>Checked:</td><td>BTG</td><td>04/25/2025</td></tr><tr><td>Drawn:</td><td>PMC</td><td>04/25/2025</td><td></td><td></td><td></td></tr></table>			By	Date		By	Date	Designed:	BTG	04/25/2025	Checked:	BTG	04/25/2025	Drawn:	PMC	04/25/2025			
No.	Revision	By	Date																														
1	Addendum #3	SO	05/16/2025																														
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Designed:	BTG	04/25/2025	Checked:	BTG	04/25/2025																												
Drawn:	PMC	04/25/2025																															
		 Allied Engineering A Salas O'Brien Company 160 Veranda Street Portland, Maine 04103 P: 207.221.2260 F: 207.221.2266																															
		 THE GOLD STAR MEMORIAL HIGHWAY																															
		MTA PROJECT MANAGER: Brian A. Taddeo, P.E.																															
		CONTRACT: 2025.11																															
		SHEET NUMBER: ES100																															
		32 OF 36																															

F	1	2	3	4	5	6	7	8	9	10
	LUMINAIRE SCHEDULE- KEY NOTE 1,2									
	TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER - SEE KEY NOTE 1	MOUNTING	VOLTS	LAMP/LIGHT ENGINE			KEY NOTES
							WATTS	DELIVERED LUMENS	TYPE	
	P1	ORB WET LOCATION HIGH BAY	STARTEK	CRB-50X-EDU	PENDANT 16" AFF	120V	102W	14107	LED 5000K	5
	P2	4' LINEAR LED - STAR POWER WIDE WITH 10W EMERGENCY BATTERY	STARTEK	SPW-4-S-SD-50K-CA-U-#EMB10	PENDANT 10" AFF	120V	68W	9764	LED 4000K	4
	W2	EXTERIOR GALLEON WALL BAC WITH BUILT IN MOTION/PHOTOCELL	MCGRAW EDISON	GWC-SA2A-740-120V-T4V-BZ-MS-L-140W	WALL 17" AFF	120V	67	9658	LED 4000K	6
	EX1	EXIT SIGN W/ EMER HEADS	SURELITES	APCH7R	MOUNT 7'-6" AFF	120VAC/ 12VDC	2.8W		LED	3
	EL1	EMERGENCY BATTERY LIGHT	SURELITES	APELH2	WALL 7'-6" AFF	120VAC/ 12VDC	0.6W		LED	
	EL2	EMERGENCY REMOTE HEADS - EXTERIOR WET LOCATION RATED	SURELITES	APWR-2	WALL 9'-0" AFF	120VAC/ 12VDC	.78W		LED	
	KEY NOTES									
	1	NOTE THAT THESE NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.								
	2	VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.								
	3	PROVIDE WALL,CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS. PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.								
	4	PROVIDE SATINICE DIFFUSED LENS								
	5	PROVIDE RIGID STEMS FOR PENDANT MOUNTED FIXTURE								
	6	PROVIDE INTEGRAL PHOTOCELL AND MOTION SENSOR THAT WILL BE AUTO ON/AUTO OFF VIA MOTION SENSOR ONLY AFTER DUSK								

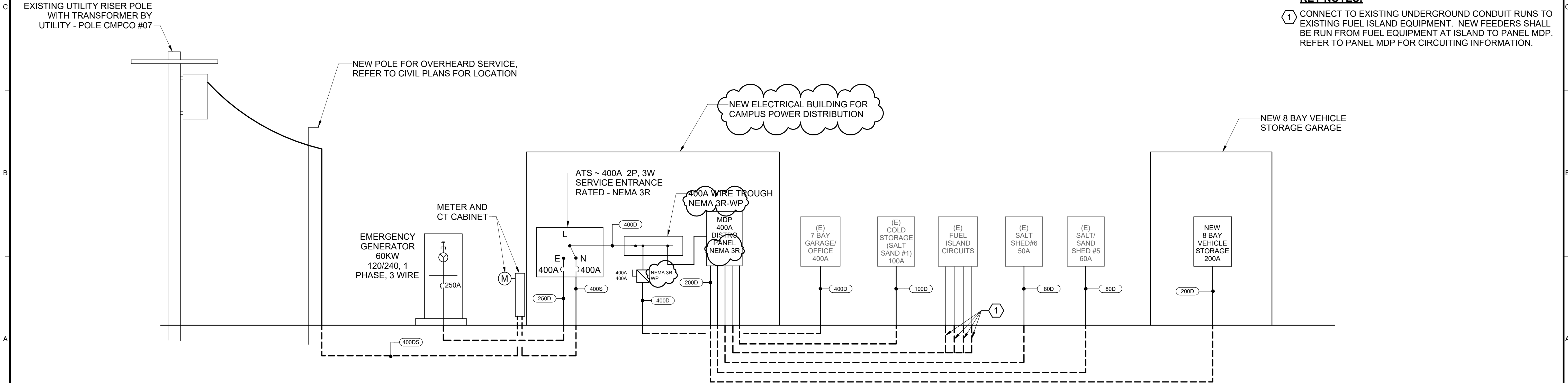


A1		LIGHTING PLAN															
1/8" = 1'-0"																	
Scale:				Designed by:				<div> Allied Engineering  A Salas O'Brien Company 160 Veranda Street Portland, Maine 04103 P: 207.221.2260 F: 207.221.2266</div>			<div> THE GOLD STAR MEMORIAL HIGHWAY</div>			AUBURN VEHICLE STORAGE GARAGE LIGHTING PLAN			
1/8" = 1'-0"				Anthony S. Davis, PE													
No.	Revision	By	Date														
1	Addendum #3	SO	05/16/2025					SO PROJ.NO.:2561-00178 CAD FILE:			MTA PROJECT MANAGER: Brian A. Taddeo, P.E.			SHEET NUMBER: EL100			
2	Addendum #4	SO	0612/2025														
				Designed:	BTG	04/25/2025	Checked:	BTG	04/25/2025				CONTRACT: 2025.11				
				Drawn:	PMC	04/25/2025								33 OF 36			

FEEDER SCHEDULE											
TAG	MAXIMUM AMPERE RATING	PHASE AND NEUTRAL CONDUCTORS (NOTE 1)	GROUND CONDUCTOR (NOTE 2)	CONDUIT (NOTE 3)	TAG	MAXIMUM AMPERE RATING	PHASE AND NEUTRAL CONDUCTORS (NOTE 1)	GROUND CONDUCTOR (NOTE 2)	CONDUIT (NOTE 3)		
15D	15	3#12	1#12	3/4"	400D	400	3#500 KCMIL	1#3	3 1/2"		
15Y		4#12	1#12	3/4"	400Y		4#500 KCMIL	1#3	4"		
30D		3#10	1#10	3/4"	450D		2 SETS OF 3#250 KCMIL	2 - #2	2 - 2 1/2"		
30Y	30	4#10	1#10	3/4"	450Y	450	2 SETS OF 4#250 KCMIL	2 - #2	2 - 3"		
50D		3#8	1#10	3/4"	500D		2 SETS OF 3#250 KCMIL	2 - #2	2 - 2 1/2"		
50Y		4#8	1#10	1"	500Y		2 SETS OF 4#250 KCMIL	2 - #2	2 - 3"		
60D	60	3#6	1#10	3/4"	600D	600	2 SETS OF 3#350 KCMIL	2 - #1	2 - 3"		
60Y		4#6	1#10	1 1/4"	600Y		2 SETS OF 4#350 KCMIL	2 - #1	2 - 3"		
80D		3#4	1#8	1 1/4"	700D		2 SETS OF 3#500 KCMIL	2 - #1/0	2 - 3 1/2"		
80Y	80	4#4	1#8	1 1/4"	700Y	700	2 SETS OF 4#500 KCMIL	2 - #1/0	2 - 4"		
100D		3#2	1#8	1 1/4"	800D		2 SETS OF 3#600 KCMIL	2 - #1/0	2 - 3 1/2"		
100Y		4#2	1#8	1 1/4"	800Y		2 SETS OF 4#600 KCMIL	2 - #1/0	2 - 4"		
125D	125	3#1	1#6	1 1/2"	900D	900	3 SETS OF 3#350 KCMIL	3 - #2/0	3 - 3"		
125Y		4#1	1#6	1 1/2"	900Y		3 SETS OF 4#350 KCMIL	3 - #2/0	3 - 3"		
150D		3#1/0	1#6	1 1/2"	10HD		3 SETS OF 3#400 KCMIL	3 - #2/0	3 - 2 1/2"		
150Y	150	4#1/0	1#6	2"	10HY	1000	3 SETS OF 4#400 KCMIL	3 - #2/0	3 - 3"		
175D		3#2/0	1#6	2"	12HD		3 SETS OF 3#600 KCMIL	3 - #3/0	3 - 4"		
175Y		4#2/0	1#6	2"	12HY		3 SETS OF 4#600 KCMIL	3 - #3/0	3 - 4"		
200D	200	3#3/0	1#6	2"	16HD	1600	4 SETS OF 3#600 KCMIL	4 - #4/0	4 - 4"		
200Y		4#3/0	1#6	2"	16HY		4 SETS OF 4#600 KCMIL	4 - #4/0	4 - 4"		
225D		3#4/0	1#4	2"	20HD		5 SETS OF 3#600 KCMIL	5 - #250 KCMIL	5 - 4"		
225Y	225	4#4/0	1#4	2 1/2"	20HY	2000	5 SETS OF 4#600 KCMIL	5 - #250 KCMIL	5 - 4"		
250D		3#250 KCMIL	1#4	2 1/2"	25HD		6 SETS OF 3#600 KCMIL	6 - #350 KCMIL	6 - 4"		
250Y		4#250 KCMIL	1#4	3"	25HY		6 SETS OF 4#600 KCMIL	6 - #350 KCMIL	6 - 4"		
300D	300	3#350 KCMIL	1#4	3"	30HD	3000	8 SETS OF 3#600 KCMIL	8 - #500 KCMIL	8 - 4"		
300Y		4#350 KCMIL	1#4	3"	30HY		8 SETS OF 4#600 KCMIL	8 - #500 KCMIL	8 - 4"		
350D		3#500 KCMIL	1#3	3 1/2"	40HD		10 SETS OF 3#600 KCMIL	10 - #500 KCMIL	10-4"		
350Y	350	4#500 KCMIL	1#3	4"	40HY	4000	10 SETS OF 4#600 KCMIL	10 - #500 KCMIL	10-4"		
TRS		REFER TO TRANSFORMER SCHEDULE FOR PRIMARY, SECONDARY AND GROUND FEEDER SIZES					50HD	5000	12 SETS OF 3#600 KCMIL	12 - #500 KCMIL	12-4"
							50HY		12 SETS OF 4#600 KCMIL	12 - #500 KCMIL	12-4"
	FEEDER SCHEDULE NOTES:										
1	WIRING BASED ON COPPER THWN/THHN.										
2	GROUNDING CONDUCTORS BASED ON USE AS A FEEDER (REFER TO ONE LINE DIAGRAMS FOR SERVICE ENTRANCE GROUNDING ELECTRODE SIZES).										
3	CONDUIT SIZE BASED ON EMT.										
4	FEEDER TAG ENDING IN "E" INDICATES PROVIDE CONDUITS ONLY; CONDUCTORS ARE FUTURE.										
5	FEEDERS GREATER THAN 300 FEET APPLY VOLTAGE DROP ACCOMMODATION BY INCREASING CONDUCTOR AND CONDUIT SIZES APPROPRIATELY.										
6	MAXIMUM SYSTEM VOLTAGE IS 600 (REFER TO ONE LINE DIAGRAMS FOR MEDIUM AND HIGH VOLTAGE FEEDER SIZES).										
7	FEEDER TAG ENDING IN "S" INDICATES SERVICE ENTRANCE FEEDER. EXCLUDE THE GROUND CONDUCTOR INDICATED IN THE TABLE.										

Lighting and Appliance Panelboard:P1												
Location: BAY 1 101				Volts: 120/240 Single				A.I.C. Rating: REFER TO STUDY				
Supply From: MDP				Phases: 1				Mains Type: MCB				
Mounting: Surface				Wires: 3				Bus Rating: 250 A				
								MCB Rating: 200 A				
Notes:												
CKT	Circuit Description	Trip Amps	Poles	A		B		Poles	Trip Amps	Circuit Description	CKT	
1	CORD REELS BAYS 1-2	20	1	0.4	0.4			1	20	CORD REELS BAYS 3-4	2	
3	CORD REELS BAYS 5-6	20	1			0.4	0.4	1	20	CORD REELS BAYS 7-8	4	
5	Receptacles	20	1	0.9	1.1			1	20	Receptacles	6	
7	Receptacles	20	1			0.9	0.3	1	20	HEAT TRACE	8	
9	Receptacles	20	1	1.1	0.9			1	20	Receptacles	10	
11	HVAC CONTROL POWER	20	1			1.0	0.4	1	20	HVAC - DESTRAT FANS	12	
13	GAS UNIT HEATER 1	20	1	1.2	1.2			1	20	GAS UNIT HEATER 2	14	
15	GAS UNIT HEATER 3	20	1			1.2	4.8					
17	HVAC - EF-1	30	2	2.0	4.8			2	80	AC-1 - AIR COMPRESSOR	16	
19						2.0	2.3				18	
21	DOOR OPERATOR BAY 1	20	1	1.0	2.3			2	30	HVAC - WH-1	20	
23	DOOR OPERATOR BAY 2	20	1			1.0	1.0	1	20	DOOR OPERATOR BAY 3	22	
25	DOOR OPERATOR BAY 4	20	1	1.0	1.0			1	20	DOOR OPERATOR BAY 5	24	
27	DOOR OPERATOR BAY 6	20	1			1.0	1.0	1	20	DOOR OPERATOR BAY 7	26	
29	DOOR OPERATOR BAY 8	20	1	1.0	3.4						28	
31	EXTERIOR BUILDING...	20	1			0.9	3.4		2	60	HVAC - SP-1	30
33	LP GAS CO DETECTOR	20	1	0.5	0.9			1	20	Lighting Interior	32	
35	Lighting Interior	20	1			0.9	0.0	1	20	SPARE	34	
37	Lighting Interior	20	1	0.9	0.0			1	20	SPARE	36	
39	SPARE	20	1			0.0	0.0	1	20	SPARE	38	
41	SPARE	20	1	0.0	0.0			1	20	SPARE	40	
Total Load:				25.6 kW		22.5 kW						
Total Amp:				214 A		187 A						
Load Classification		Connected Load	Demand Factor	Estimated Demand		Panel Totals						
HVAC		15737 VA	100.00%	15737 VA								
Motor		9600 VA	125.00%	12000 VA		Total Conn. Load: 48.1 kW						
Other		20 VA	100.00%	20 VA		Total Est. Demand: 51.4 kW						
Lighting		3507 VA	125.00%	4383 VA		Total Conn.: 200 A						
Power		9430 VA	100.00%	9430 VA		Total Est. Demand: 214 A						
Receptacle		4860 VA	100.00%	4860 VA								
Heating		3528 VA	100.00%	3528 VA								

Lighting and Appliance Panelboard:MDP											
Location: Supply From: Mounting: Surface				Volts: 120/240 Single Phases: 1 Wires: 3				A.I.C. Rating: REFER TO STUDY Mains Type: MCB Bus Rating: 400 A MCB Rating: 400 A			
Notes:											
① REFEEEDING EXISTING PANELS/CIRCUITS ACROSS THE SITE WITH NEW FEEDERS											
CKT	Circuit Description	Trip Amps	Poles	A		B		Poles	Trip Amps	Circuit Description	CKT
1	(E) COLD STORAGE (SALT SAND #1) ①	100	2	0.0	0.0			2	50	(E) SALT SHED #6 ①	2
3						0.0	0.0				4
5				0.0	0.0						6
7	(E) SALT/SAND SHED #5 ①	60	2			0.0	0.0	2	20	GASOLINE SUB. (FUEL) ①	8
9	DISPENSER HEAD ①	20	1	0.0	0.0						10
11	PETROVEND PUMP CNTL ①	20	1			0.0	0.0	2	20	DIESEL SUB.(FUEL) ①	12
13	LIGHTING - SHED	20	1	0.1	0.4			1	20	Receptacles - SHED	14
15	GEN. START CIRCUIT	20	1			0.0	0.0	1	20	GEN. BATTERY CHARGER	16
17	GEN JACKET/STRIP HEAT	20	1	0.0	25.6						18
19	SPARE	20	1			0.0	22.5	2	200	P1 PANEL	20
21	SPARE	20	1	0.0	0.0			1	20	SPARE	22
23	SPARE	20	1			0.0	0.0	1	20	SPARE	24
25	SPARE	20	1	0.0	0.0			1	20	SPARE	26
27	SPARE	20	1			0.0	0.0	1	20	SPARE	28
29	SPARE	20	1	0.0	0.0			1	20	SPARE	30
31	SPARE	20	1			0.0	0.0	1	20	SPARE	32
33	SPARE	20	1	0.0	0.0			1	20	SPARE	34
35	Space	--	1			--	--	1	--	Space	36
37	Space	--	1	--	--			1	--	Space	38
39	Space	--	1			--	--	1	--	Space	40
41	Space	--	1	--	--			1	--	Space	42
Total Load:				26.1 kW		22.5 kW					
Total Amp:				217 A		187 A					
Load Classification		Connected Load	Demand Factor	Estimated Demand		Panel Totals					
HVAC		15737 VA	100.00%	15737 VA							
Motor		9600 VA	125.00%	12000 VA		Total Conn. Load: 48.5 kW					
Other		88 VA	100.00%	88 VA		Total Est. Demand: 51.8 kW					
Lighting		3507 VA	125.00%	4383 VA		Total Conn.: 202 A					
Power		9430 VA	100.00%	9430 VA		Total Est. Demand: 216 A					
Receptacle		5220 VA	100.00%	5220 VA							
Heating		3528 VA	100.00%	3528 VA							



KEY NOTES:

- ① CONNECT TO EXISTING UNDERGROUND CONDUIT RUNS TO EXISTING FUEL ISLAND EQUIPMENT. NEW FEEDERS SHALL BE RUN FROM FUEL EQUIPMENT AT ISLAND TO PANEL MDP. REFER TO PANEL MDP FOR CIRCUITING INFORMATION.

A1		POWER RISER DIAGRAM	
NONE			
Scale:		Designed by:	
12" = 1'-0"		Anthony S. Davis, PE	
No.	Revision	By	Date
1	Addendum #3	SO	05/16/2025
2	Addendum #4	SO	06/12/2025
		By	Date
Designed:		BTG	04/25/2025
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		By	Date
		BTG	04/25/2025