1 ADDENDUM #2

All clauses set forth in the Bidding Documents, Contract Documents and General Requirements of the original Contract Documents shall apply to and govern this work. The addendum refers to changes and additions to the original Contract Documents and is to be read in conjunction with the same. All other parts of the original Contract Documents are to be considered as applying to the work of this Contract with the exceptions and changes as noted below.

1.1 ADDENDA

.1 Reference Addendum #1, Drawing Item 1.2.1.2:

.1 Delete paragraph and all sub-paragraphs in their entirety.

1.2 SPECIFICATIONS

.1 Reference Section 00 11 13 - Advertisement for Bids:

.1 Delete wording "Tenders for the General Contract will be accepted until 2:00 PM (local time) on Thursday, 27 MAY 2021." and replace with the following:
"Tenders for the General Contract will be accepted until 2:00 PM (local time) on Tuesday, 08 JUNE 2021.".
CLARIFICATION: Tender is now closing on June 8th, 2021 @ 2:00 PM.

.2 Reference Section 00 21 13 - Instructions to Bidders:

.1 Reference Paragraph 1.30.1.3:

.1 Delete wording "27 MAY 2021 @ 2:00 PM" and replace with the following:
"08 JUN 2021 @ 2:00 PM".
CLARIFICATION: Tender is now closing on June 8th, 2021 @ 2:00 PM.

.2 Reference Section 1.30.1.4:

.1 Delete wording "04 JUN 2021" and replace with "18 JUN 2021".

.3 Reference Section 08 14 16 - Wood Doors:

.1 Reference Paragraph 2.1.8:

.1 Delete paragraph in its entirety.
CLARIFICATION: Doors are paint grade.

.2 Reference Paragraph 2.1.12.1:

.1 Delete wording "8500" and replace with "8100".

.3 Reference Paragraph 2.2.8:

.1 Delete paragraph in its entirety.
CLARIFICATION: Doors are paint grade.

.4 Reference Paragraph 2.2.12.1:

.1 Delete wording "Baillargeon Doors 8500 AF45" and replace with "Baillargeon Doors AF45".

.4 Reference Section 26 52 00 - Emergency Lighting:

.1 Reference Paragraph 2.2.1:

.1 Add new paragraph .5 as follows:
".5 EMERGI-LITE #12JMLC-44-3-U/2-LG.".

.2 Reference Paragraph 2.2.2:

.1 Add new paragraph .5 as follows:

".5 EMERGI-LITE #EF9-[D]-M-LG.".

.5 Reference Section 26 53 00 - Exit Signs:

.1 Reference Paragraph 2.1.8:

.1 Add new paragraph .5 as follows:

".5 EMERGI-LITE #ES-1-W-U00.".

1.3 DRAWINGS

.1 Reference Drawing A2-002 - Schedules and Notes:

.1 Reference Door Schedule and Frame Schedule:

.1 Reference Doors 137.1 & 248.1 - Door Type Column:

.1 Delete wording "D-4" and replace with "D-1".

.2 Reference Drawings A2-500 - Enlarged Plans, Interior Elevations & Stair Section:

.1 Reference Details 1/A2-500 Corridor Elevation and 7/A2-500 Corridor Elevation:

.1 All nine windows (5 windows in Detail 1/A2-500, 4 windows in Detail 7/ A2-500) beside the doors in both elevations are to be tagged as S-1.

.3 Reference Drawing E2-100 - Electrical Legend, Site Plan & Details:

.1 Reference Detail 3/E2-100:

.1 Delete Detail 3 in its entirety and replace with Sketch ESK-201, attached and forming part of this addendum.

.4 Reference Drawing E2-200 - Lower & Upper Level Demolition Plan - Power:

.1 Reference Demolition Note 6:

.1 Delete Note as written and replace with the following:
"Contractor to disconnect and remove existing branch circuit feeders feeding panelboards 'PP2', 'PP3' 'N', 'G', 'F' and 'H' routed through existing distribution branch circuit conduits that are to be maintained in situ."

.2 CLARIFICATION:

.1 Panelboard 'M' located in Resource 100 is wired to distribution panelboard 'PP3' and not to existing 600A, 120/208V, three phase, four wire switchgear located in Electrical 125. Existing branch circuit feeder and conduit routed to panelboard 'M' is to be maintained.

.5 Reference Drawing E2-300 - Lower & Upper Level Demolition Plan - Lighting:

.1 Reference Detail 1/E2-300:

.1 In Mechanical 120, Electrical 125 and Janitor 125a, trace out, disconnect and remove existing toggle switches and all associated branch circuit wiring back to source. Existing recess mounted outlet box to be maintained for future installation of new switches.

.2 Reference Detail 3/E2-300

.1 In Upper Level existing Corridor, remove demolition Note 3 associated with the three (3) gang switches located on the west wall at the intersection of Gridlines O and 8.

.6 Reference Drawing E2-500 - Lower Level Floor Plan - Systems:

.1 Reference Detail 1/E2-500:

.1 Contractor to trace out, disconnect and remove six (6) existing obsolete wall mounted exterior public address horns and all associated speaker

wires and infrastructure back to source.

.7 Reference Drawing E2-600 - Lower & Upper Level Floor Plan - Power:

.1 Reference Key Plan - Lower Level Power:

.1 CLARIFICATION:
Panelboard 'M' located in Resource 100 is wired to distribution panelboard 'PP3' and not to new 600A, 120/208V, three phase, four wire distribution panelboard 'DP1' located in Electrical 125. Remove all new wiring shown on key plan between panelboard 'M' and new distribution panelboard 'DP1'.

.2 Contractor to wire existing 100A, 120/208V, three phase, four wire panelboard 'H' located in Lower Level corridor adjacent to Electrical 125 with 4#3, 1#6 bond run through existing 35mm underground conduit. Contractor to confirm exact location and routing of existing underground conduit on site prior to installing new wiring.

.3 Delete wording associated with the wiring between panelboard 'F' and new distribution panelboard 'DP1' and replace with the following: "4#2, 1#6 bond run through existing 35mm underground conduit. Contractor to confirm exact location and routing of existing underground conduit on site prior to installing new wiring.".

.2 Reference Key Plan - Upper Level Power:

.1 Delete wording associated with the wiring between panelboard 'N' and new distribution panelboard 'DP1' and replace with the following: "4#3, 1#6 bond run through existing 35mm underground conduit. Contractor to confirm exact location and routing of existing underground conduit on site prior to installing new wiring.".

.3 Reference Detail 1/E2-600:

.1 CLARIFICATION:
In Mechanical 120, 120V direct connection with circuit designation 'P-19' is dedicated for the boiler controller.

.2 CLARIFICATION:
After removal of existing panelboard 'G', provide for remediation and reinstatement of existing west concrete block wall. Refer to Architectural Sketch ASK-201 attached and forming part of this addendum, for additional information.

.3 In Mechanical 120, all existing receptacles wired to existing obsolete panelboard 'G' to be reconnected to new panelboard 'M'.

.4 Reference Detail 2/E2-600:

.1 Delete wording associated with the wiring between panelboards 'PP2' and 'PP3' and new distribution panelboard 'DP1' and replace with the following: "4#600 MCM CU, 1#2 bond run through existing 91mm underground conduit. Contractor to confirm exact location and routing of existing underground conduit on site prior to installing new wiring.".

.8 Reference Drawing E2-700 - Lower & Upper Level Floor Plan - Lighting:

.1 Reference Key Plan - Lower Level Power:

.1 In Mechanical 120, install one (1) emergency lighting battery pack on the west wall at 2400mm AFF at Gridline 6.

.2 In Electrical Room 125, install one (1) dual head emergency lighting unit on the north wall at 2400mm AFF and connect to new emergency lighting battery pack located in Mechanical 120.

.3 In Janitor 125a, install one (1) dual head emergency lighting unit on the north wall at 2400mm AFF and connect to new emergency lighting

battery pack located in Mechanical 120.

.2 Reference Detail 1/E2-700:

.1 In Electrical 125 and Janitor 125a, recess mounted type A2 luminaires to be wired with 2#12, 1#14 bond in 21mmC routed through accessible ceiling space to closest available 15A lighting branch circuit breaker

.2 In Electrical 125 and Janitor 125a, install new toggle switches in existing recess mounted outlet boxes. Wire new toggle switches with 2#12, 1#14 bond in 21mmC to closest available 15A lighting branch circuit.

.3 In Mechanical 120, install new toggle switch in existing recess mounted outlet boxes. New toggle switch and new type D2 luminaires to be wired with 2#12, 1#14 bond in 21mmC to new panelboard 'M'.

.4 In Corridor 237, install two (2) new toggle switches recess mounted into new gypsum south wall (outside Work Room 244) adjacent to intersection of T and 9 . Wire new recess mounted toggle switches with 2#12, 1#14 bond in 21mmC surface mounted to existing concrete block wall to closest available 15A lighting branch circuit. One (1) recess mounted toggle switch to control seven (7) type A2 lights located in Corridor 237 and one (1) recess mounted toggle switch to control thirty-eight (38) Type A2 lights located in Corridors 236, 247, 249 and 250. Coordinate exact location of toggle switches on site prior to rough-in.

.9 Reference Drawing E2-900 - Lower Level Floor Plan - Systems:

.1 Reference Detail 1/E2-900:

.1 CLARIFICATION:
All public address communications cabling to be routed on new J-hook supports dedicated for public address.

.2 Contractor to install six (6) new exterior public address horns at the same location and mounting height as existing obsolete public address horns. All new exterior public address horns are to be wired with 2c#16 cabling routed through accessible ceiling space on dedicated public address J-hooks to 300W amplifier [Carehawk #DAF300-25] installed in wall mounted cabinet located in LAN Room 210B. All exterior penetrations to be sealed with low VoC mastic compound. Contractor to confirm exact location and mounting height on site prior to rough-in. New exterior public address horns to be a wide range weather resistant horn speaker suitable for -20 degrees to +55 degrees, speaker enclosure to be IP65 rated and constructed with ABS resin and coated with a polyurethane paint to resist long term exposure to ultra violet light. Speaker to be rated for 15W and c/w integral transformer with 15W, 7.5W, 1.9W, 1W and 0.5W taps at 25V, 112dB at 1 meter with 1W input. Speaker to be c/w aluminum off-white front grille, mounting yolk, stainless steel mounting hardware and polyvinyl chloride insulated speaker cable. Acceptable manufacturer or approved equal: TOA #SC-615T. All exterior public address speakers to be installed and wired in accordance with manufacturer's installation and wiring instructions and to be interfaced with the Carehawk public address system.

.10 Reference Drawing E2-901 - Upper Level Floor Plan - Systems:

.1 Reference Detail 1/E2-901:

.1 CLARIFICATION:
All public address communications cabling to be routed on new J-hook supports dedicated for public address.

.11 Reference Drawing E2-1000 - Electrical Details:

.1 Reference Detail 1/E2-1000:

.1 Provide one (1) 100A/3P spare circuit breaker in new 600A, 120/208V, three phase, four wire distribution panelboard 'DP1'.

.2 Replace existing 100A, 120/208V, three phase, four wire panelboard 'M' with existing 100A, 120/208V, three phase, four wire panelboard 'H'

.2 Reference Detail 2/E2-1000:

.1 Delete Detail 2 in its entirety and replace with Sketch ESK-202, attached and forming part of this addendum.

.12 Reference Drawing E2-1002 - Electrical Details:

.1 Reference Detail 1/E2-1002:

.1 Connect six (6) new exterior public address horns with 2c#16 cabling through accessible ceiling space on dedicated public address J-hooks to 300W amplifier [Carehawk #DAF300-25] installed in wall mounted cabinet located in LAN Room 210B.

.2 Install an audio activated relay within wall mounted cabinet located in Janitor 110B and connect to 48-port patch panel with one (1) CAT6 communications cabling for future emergency lockdown. Audio activated relay to be supplied by Owner, installed and commissioned by Electrical Contractor.

1.4 APPENDICES

.1 Reference Appendix 'A' - Hazardous Assessment Report:

.1 NOTE:
All hazardous materials have been recently been removed in the area of the center core work on both levels by the Owner's Contractor.

.2 Reference Appendix 'F' - Luminaires Schedules:

.1 Reference Type A1:

.1 Add the following as acceptable manufacturer's:

.1 ORACLE LIGHTING #24-FPL-BL-LED-4000-DIM10-MVOLT-35K-80

.2 METALUX #24CGT4535C

.2 Reference Type A2:

.1 Add the following as acceptable manufacturer's:

.1 ORACLE LIGHTING #24-FPL-BL-LED-3000-DIM10-MVOLT-35K-80-24FK

.2 METALUX #24CGT4535C-DF-24W-U

.3 Reference Type A3:

.1 Add the following as acceptable manufacturer's:

.1 ORACLE LIGHTING #14-FPL1-LED-3000-DIM10-MVOLT-35K-80

.2 METALUX #14CGT4035C

.4 Reference Type A4:

.1 Add the following as acceptable manufacturer's:

.1 ORACLE LIGHTING #14-FPL1-LED-2000-DIM10-MVOLT-35K-80

.2 METALUX #14CGT4035C

.5 Reference Type B1:

.1 Add the following as acceptable manufacturer's:

.1 MAXILUME #HH4-LED-900-DIM10-MVOLT-35K-HH4-4501-CL-WH

.2 HALO #PR4FS12D010

.6 Reference Type C1:

.1 Add the following as acceptable manufacturer's:

.1 WAC LIGHTING #WS-77624-35-BR

.2 MAXILITE #MXD6670-11-2-30K

.7 Reference Type D1:

.1 Add the following as acceptable manufacturer's:

.1 ELITE LIGHTING #2-OEC-LED-2000L-DIM10-MVOLT-35K-85

.2 METALUX #2SLSTP2035DD-UNV

.8 Reference Type D2:

.1 Add the following as acceptable manufacturer's:

.1 ELITE LIGHTING #4-OEC-LED-5000L-DIM10-MVOLT-35K-85-OCVH

.2 METALUX #4SLSTP5535DD-UNV-AYC-CHAIN/SET

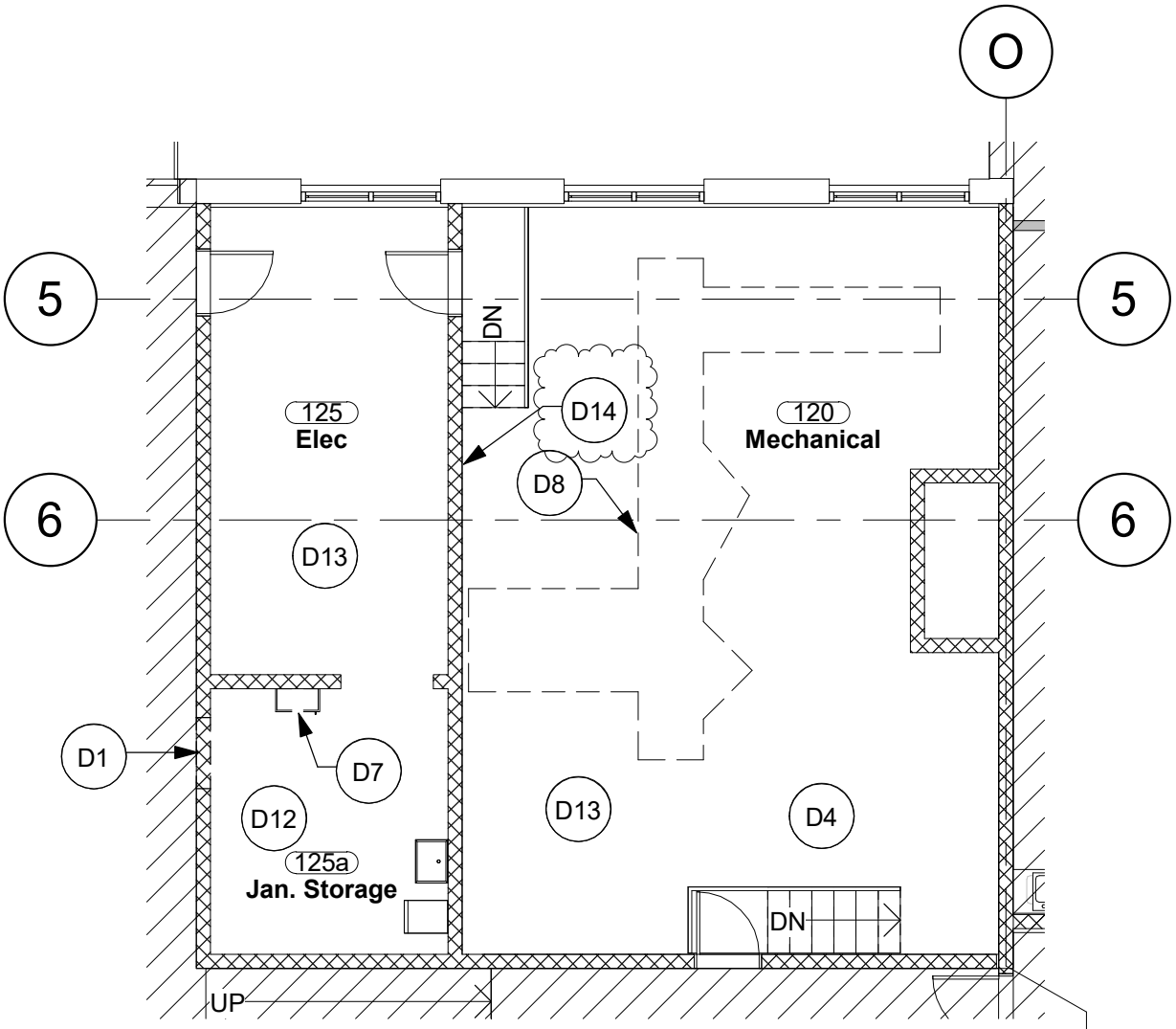
.3 Reference New Appendix 'G' - Panel Schedule:

.1 Attached and forming part of this addendum is new Appendix 'G'.

END OF SECTION

CONTRACT #2 DEMO NOTES	
D1	PORTION OF BLOCK WALL TO BE REMOVED FOR NEW DOOR
D2	STAIR, HAND RAIL AND GUARD RAIL TO BE REMOVED
D3	HAND RAIL AND GUARD RAIL TO BE REMOVED. STAIRS TO REMAIN
D4	REMOVE CEILING MATERIAL (HAZARDOUS MATERIAL)
D5	PARTITION TO BE REMOVED
D6	MILLWORK AND SINK TO BE REMOVED
D7	REMOVE AND RELOCATE. SEE A2-101 FOR NEW LOCATION

CONTRACT #2 DEMO NOTES	
D8	SAW CUT EXISTING CONCRETE FLOOR. REFER TO MECHANICAL DRAWINGS M2-100.
D9	REMOVE FLOORING MATERIAL (HAZARDOUS MATERIAL)
D10	REMOVE TOILET
D11	REMOVE SINK
D12	EXISTING TERRAZZO FLOOR TO REMAIN
D13	EXISTING FLOOR FINISH TO REMAIN
D14	EXISTING PANELBOARD 'G' TO BE REMOVED. PROVIDE FOR REINSTATEMENT AND REMEDIATION OF EXISTING CONCRETE BLOCK WALL,



1
ASK-201

LOWER LEVEL DEMOLITION PLAN - PARTIAL

1 : 100

Issued for ADD#2

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Client:
PEI Department of Transportation & Infrastructure

Project Title:
Montague Consolidated School

Sheet Title:
Partial Lower Level Demolition Plan

Date: 05/25/21
Drn By: JDA | Chk By: SDM
Project Number:
201104
Drawing Number:
ASK-201

MONTAGUE
CONSOLIDATED
SCHOOL

TWO (2) EXISTING SERVICE MASTS TO BE DISCONNECTED AND REMOVED BY MECL. ELECTRICAL CONTRACTOR TO CUT AND CAP EXISITNG 4"C SURFACE MOUNTED TO EXTERIOR FACADE OF BUILDING UNDERGROUND OUTSIDE BUILDING FOUNDATION AND REMOVE SURFACE MOUNTED CONDUIT. UNDERGROUND INCOMING SERVICE FEEDERS ASSOCIATED WITH EXISTING 600A, 120/208V, THREE PHASE, FOUR WIRE SWITCHBOARD TO BE DISCONNECTED AND REMOVED

ELECTRICAL
ROOM 125

EXISTING HIGH VOLTAGE AERIAL LINES

EXISTING SECONDARY
VOLTAGE THREE PHASE AERIAL
LINE TO BE DISCONNECTED
AND REMOVED BY MECL

600A MAIN
DISCONNECT
SWITCH

EXISTING UTILITY POWER POLE C/W ONE (1) EXISITNG THREE PHASE TRANSFORMER BANK FEEDING EXISITNG MONTAGUE CONSOLIDATED BUILDING. THREE PHASE TRANSFORMER BANK TO BE MAINTAINED IN SITU. CONTRACTOR TO PROVIDE MECHANICAL PROTECTION AROUND NEW UNDERGROUND CONDUITS

SURFACE MOUNT 27mmC TO EXTERIOR FACADE OF BUILDING AND THEN PENETRATE INTO ACCESSIBLE CEILING SPACE OF ELECTRICAL ROOM 125. SECURELY FASTEN EXPOSED 27mmC TO EXTERIOR FACADE OF BUILDING WITH PVC STRAPPING AND STAINLESS STEEL FASTENERS. SEAL AROUND EXTERIOR PENETRATIONS WITH LOW VOC MASTIC COMPOUND. PROVIDE CONDUIT WITH WEATHERPROOF EXPANSION SLEEVES SUITABLE FOR LINEAR EXPANSION

EXISTING UTILITY POWER POLE TO BE REMOVED BY MECL

CONTRACTOR TO EXCAVATE AS REQUIRED TO INSTALL TWO (2) NEW 103mm UNDERGROUND CONDUITS. TWO (2) 103mm UNDERGROUND CONDUITS TO BE ROUTED UPWARDS SURFACE MOUNTED TO EXTERIOR FACADE OF ELECTRICAL ROOM 125 AND THEN PENETRATE WITH AN LB ELBOW INTO ACCESSIBLE CEILING SPACE OF ELECTRICAL ROOM 125 AND THEN DOWNWARDS TO FEED NEW 600A, 120/208V, THREE PHASE, FOUR WIRE SERVICE RATED DISCONNECT SWITCH. TWO (2) 103MM EXPOSED CONDUITS TO BE EXPOXY RIGID CONDUITS. SECURLY FASTEN EXPOSED 103mmC TO EXTERIOR FACADE OF BUILDING WITH PVC STRAPPING AND STAINLESS STEEL FASTENERS. SEAL AROUND EXTERIOR PENETRATIONS WITH LOW VOC MASTIC COMPOUND. PROVIDE CONDUIT WITH WEATHERPROOF EXPANSION SLEEVES SUITABLE FOR LINEAR EXPANSION

MECL REMOTE BASE SURFACE MOUNTED TO EXTERIOR FACADE OF BUILDING. COORDINATE EXACT LOCATION WITH MECL

CONNECT 1#1/0 BARE GROUND CONDUCTOR FROM SERVICE GROUND BUS TO TWO 10'-0" LONG MANUFACTURED GROUND RODS DRIVEN INTO THE GROUND IN GRASSED AREA 3'-6" FROM THE BUILDING FOUNDATION AND SEPARATED 10'-0" APART IN ACCORDANCE WITH CSA 22.1-18 SECTION 10.

N TRUE NORTH

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Client:
PEI Department of Transportation, Instrstructure & Energy

Project Title:
Montague Consolidated
School

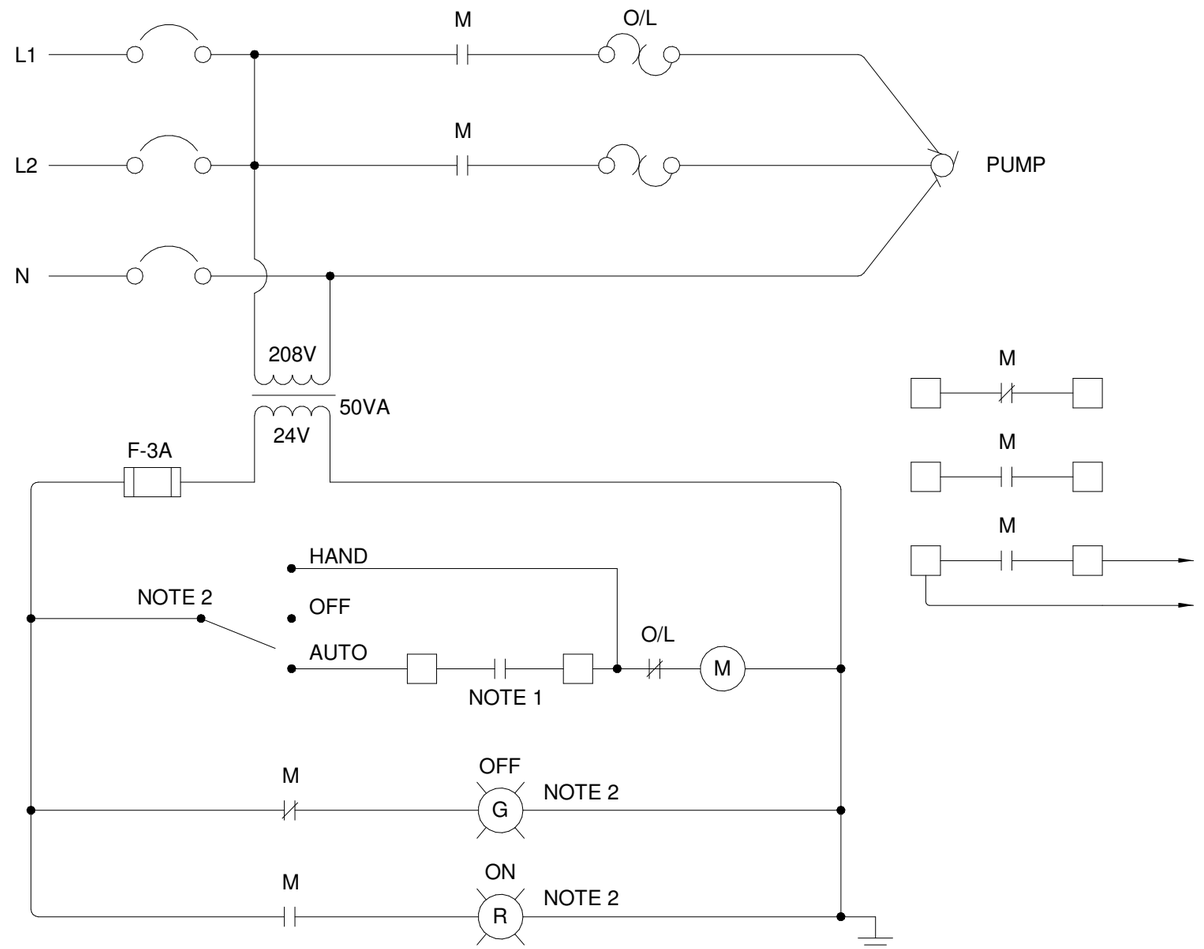
Sheet Title:
Site Plan

Date: 05/20/21
Drn By: C.L.S. | Chk By: E.S.C.
Project Number:
201104
Drawing Number:
ESK-201

SCHEMATIC NOTES:

1. 24V INPUT FROM BOILER CONTROL PANEL TO BE SUPPLIED AND INSTALLED BY DIVISION 25, AND WIRED TO STARTER BY DIVISION 26.

2. DEVICE TO BE FRONT COVER MOUNTED.



1 / ESK-202 WIRING SCHEMATIC P-1 & P-2

1 : 100

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Client:
PEI Department of Transportation, Instrstructure & Energy

Project Title:
Montague Consolidated School

Sheet Title:
Wiring Schematic P-1 & P-2

Date: 05/25/21

Drn By: C.L.S. | Chk By: E.S.C.

Project Number:
201104

Drawing Number:
ESK-202

APPENDIX 'G'
Panel Schedule

PANEL 'P'															
DESIGNATION	**LOAD**			**P**	**BKR**	**CIRCUIT**			**BKR**	**P**	**LOAD**			**DESIGNATION**
	A	**B**	**C**								**A**	**B**	**C**	
P-3: MECHANICAL 120	1243			3	30	1	A	2	30	3	1243			P-4: MECHANICAL 120
		1243				3	B	4				1243		
			1243			5	C	6					1243	
P-1: BOILER PUMP #1	373			3	15	7	A	8	15	1	210			LIGHTING: MECHANICAL 120
		373				9	B	10	15	3		373		P-2: BOILER PUMP #2
			373			11	C	12					373	
B-1: OIL BOILER #1	600			3	15	13	A	14	15	3	373			B-2: OIL BOILER #2
		600				15	B	16				600		
			600			17	C	18					600	
BOILER CONTROLLER (*)	120			1	15	19	A	20			600			
SPARE				1	15	21	B	22	15	1		120		TRAP SEAL PRIMER (*)
SPARE				1	15	23	C	24	15	1			120	WS-1: WATER SOFTNER
SPARE				1	15	25	A	26	20	1				EXISTING RECEPTACLES
P-6: RECIRCULATION PUMP		150		1	15	27	B	28	20	1				SPARE
P-5: HEATING PUMP			300	1	15	29	C	30	20	1				SPARE
SPACE						31	A	32	20	1				SPARE
SPACE						33	B	34						SPACE
SPACE						35	C	36						SPACE
SPACE						37	A	38						SPACE
SPACE						39	B	40						SPACE
SPACE						41	C	42						SPACE
SPACE						43	A	44						SPACE
SPACE						45	B	46						SPACE
SPACE						47	C	48						SPACE
SPACE						49	A	50						SPACE
SPACE						51	B	52						SPACE
SPACE						53	C	54						SPACE
PHASE LOADS:	2336	2366	2516								2426	2336	2336	
TOTAL PHASE LOADS	4762	4702	4852								SUPPLY: 120/208V,3ø,4w			
TOTAL LOADS	14316	(*) - INDICATES LOCKING BREAKER									MAINS: 100A MB			
											NUMBER OF CIRCUITS: 54			
CURRENT AT 208V/3PH:	40										MOUNTING: SURFACE MOUNTED			