

The following information changes the competitive process documents issued on March 28, 2025.

### GENERAL INFORMATION

**ITEM 1** See 'Mechanical Electrical Addendum No. 01', dated April 10, 2025, issued by the Consultant. (6 pages)

### QUESTIONS AND RESPONSES

- Q1** We couldn't find the abatement works on this project, please clarify the scope of works.
- R1** It is anticipated that there will be no abatement as part of this scope of work. The Contractor must work with the Project Team to install hangars and venting in a way that will avoid penetrations into asbestos-containing plaster columns and ceilings as outlined on the DSS Report.

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End of Addendum #2



## Mechanical Electrical Addendum No. 01

**EXP Project:** ALL-23010629-A0 HWDSB Glendale

**Date:** April 10, 2025

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**Prepared By:** EXP Services Inc.

**Requirements:**

The addendum forms part of the Contract Documents and amends the original Specifications and Drawings, as noted below.

Ensure that all parties submitting bids are aware of all items included in this Addendum.

This Addendum consists of 3 pages (plus 3 additional drawings: E1.0, M2.0, ME1.0).

**Question and Answer**

**Question 1:**

May we know the base building BAS contractor?

**Answer 1:**

D. The BAS contractor is Convergent Technologies. Refer to sheet M0.3 Controls & Instrumentation Specification item 3.1.

**Question 2:**

Drawing ME1.0; Electrical Wiring Instructions 1-33 list operations and devices not listed in tender. Please clarify these notes in relation to the boiler project.

**Answer 2:**

D. Electrical Wiring Instructions 1-33 notes to be deleted from this scope. Electrical notes related to the boilers are shown on the equipment schedule (drawing ME1.0).

**Question 3:**

Drawing E1.0 Drawing Note 4 References removal of cooling unit fed from Panel (PNL-U), however it is not on drawing. Please clarify.

**Answer 3:**

D. Disregard Note 4. Only refer to notes relevant to the scope of work

**Question 4:**

Can we please have electrical engineer remove all scope of work completed from last years RTU job, as it seems there are still notes from that tender in this package?

**Answer 4:**

D. RTU's are not shown in this package.

**Question 5:**

Drawing M2.0 note 14 references drawings M0.2 & M2.3 for continuation of the gas line, however M0.2 is a spec drawing, and M2.3 is not part of the package. Can we get clarification on this note?

Additionally, on the same drawings note 15 mentions a new ERV and RTU's, however no drawings show this equipment, and it is not on the schedule drawing either. Is this work to be included? If so can we get the schedule of this equipment?

**Answer 5:**

D. This is not within the project scope of work. Refer to updated Sheet M2.0 provided with this addendum.

**Question 6:**

Drawing ME1.0 is missing FLA and MOCOP for Pumps P-1 through to P-6. Can you please provide.

**Answer 6:**

D. Refer to revised ME1.0 drawing

**Question 7:**

Please confirm that Pumps controlled by VFD's do not require motor starters with built-on overcurrent devices as per ESA Regulations?

**Answer 7:**

D. VFD's are starters.

**Question 8:**

Abbreviation BIC on ME1.0 is not listed in definitions. Please define.

**Answer 8:**

D. Built-in Control as shown on the equipment schedule legend (drawing ME1.0).

**Question 9:**

Hello, Are AMP condensing boilers from THERMAL SOLUTIONS approved as an equal alternative?

**Answer 9:**

D. No, the boilers have been previously sourced through competitive tender for this project. Refer to sheet M0.1, mechanical general specifications Item 1.2 *scope of work* and HWDSB request for tender document item 1.2 *project scope of work*.

**Question 10:**

On drawing ME.1.0, Electrical wiring instructions No. 2 state, Use fire-rated cables for power feeder to equipment. Is fire-rated cable necessary? Please clarify.

**Answer 10:**

D. Disregard Note.

**Question 11:**

Please provide specifications on what type of EPO Emergency kill switch is needed.

**Answer 11:**

D. Schneider Emergency Power Off (EPO) – EPW9 or Approved equals

**Question 12:**

Please show the fire alarm devices that will be affected during construction.

**Answer 12:**

D. Contractor to site verify for exact devices that may be affected.

**Question 13:**

If construction is starting June 2, 2025 should all this work be done after hours for disconnecting electrical?

**Answer 13:**

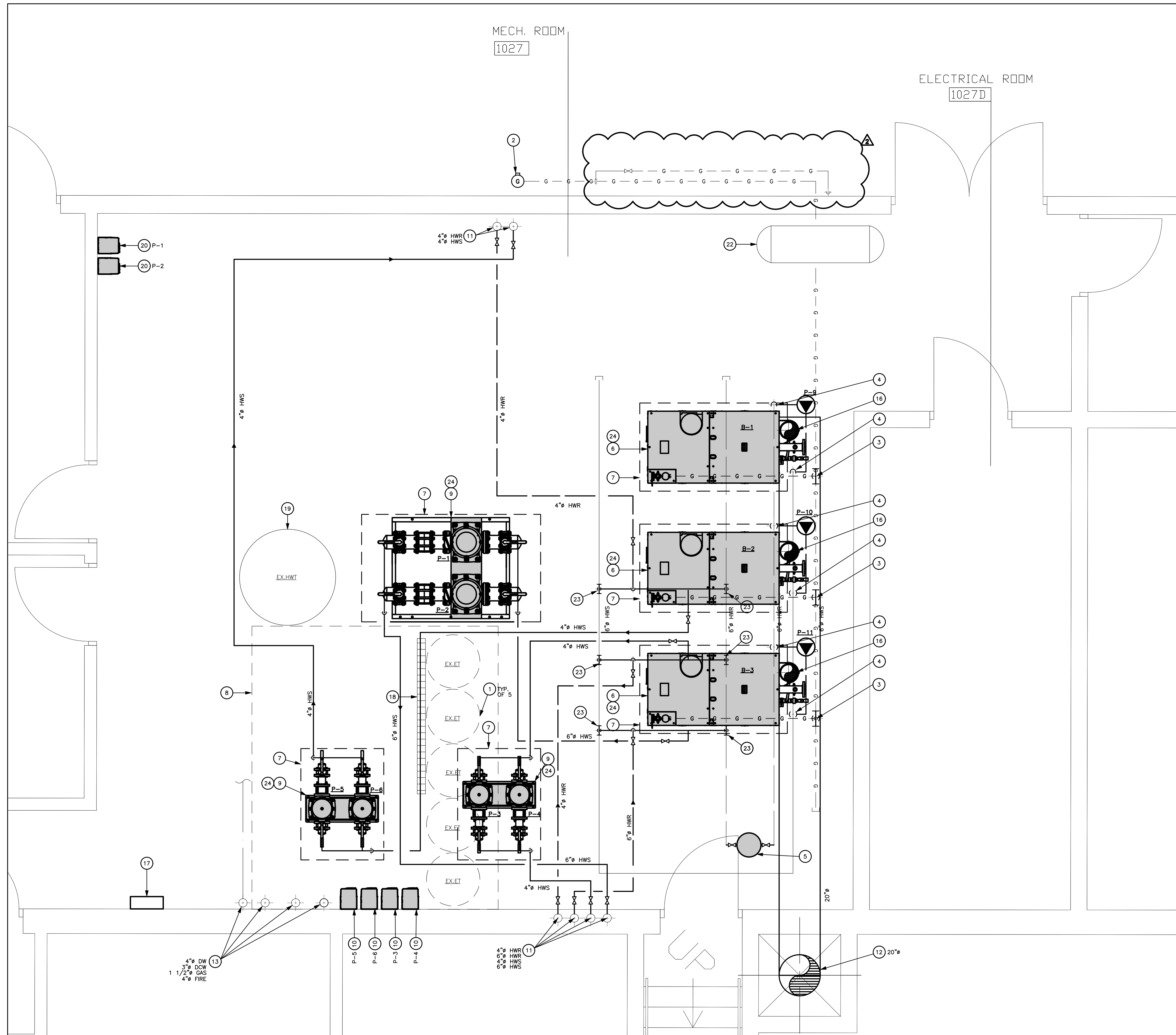
D. Boilers will not be operating after hours, coordinate with school facility.

**Question 14:**

What is the KAIC rating of Switchboard DP-A.

**Answer 14:**

D. Existing Switchboard DP-A (65kA)



PROPOSED BOILER ROOM GROUND FLOOR PLAN

SCALE- 1/2" = 1'-0"

## DRAWING NOTES

- EXISTING EXPANSION TANKS TO REMAIN.
- EXISTING GAS METER ON BUILDING EXTERIOR. CONTRACTOR IS TO COORDINATE WITH THE UTILITY AND OWNER FOR ALL SERVICE INTERRUPTIONS.
- CONNECT TO EXISTING GAS LINE AT APPROXIMATE LOCATION INDICATED. PROVIDE GAS VALVE AND DIRT LEG. REFER TO SCHEMATICS FOR PIPE SIZES AND CONNECTION DETAILS.
- CONNECT TO EXISTING HOT WATER RETURN AND SUPPLY HEADERS. PROVIDE ALL NECESSARY PIPE TRANSITIONS TO CONNECT FROM NEW 4" BOILER PIPING TO EXISTING 6" HEADERS.
- INSTALL NEW AMTROL 6-ASL HYDRONIC AIR SEPARATOR OR EQUIVALENT WITHIN EXISTING RETURN PIPING.
- INSTALL NEW BOILERS AS PER MANUFACTURERS INSTRUCTIONS. EQUIPMENT TO BE MOUNTED ON NEW 4" CONCRETE HOUSE KEEPING PAD. REFER TO M3.0 FOR PIPING SCHEMATIC.
- PROVIDE NEW 4" THICK CONCRETE HOUSE KEEPING PAD.
- OUTLINE OF EXISTING EQUIPMENT MEZZANINE.
- INSTALL PACKAGED PUMP SKID AS PER MANUFACTURERS INSTRUCTION ON NEW HOUSEKEEPING PAD. PROVIDE ALL PIPE TRANSITIONS NEEDED TO SKID MANIFOLD. COMPLETE ALL REQUIRED WIRING BACK TO CORRESPONDING VFD. REFER TO M3.0 FOR PIPING SCHEMATIC.
- INSTALL NEW PUMP VFD ON WALL SECURED TIGHT AS REQUIRED. PROVIDE ALL REQUIRED WIRING BACK TO MAIN PUMP INDICATED.
- CONNECT TO EXISTING PIPE AT APPROXIMATE LOCATION INDICATED.
- VENTING CONTINUES UP EXISTING CHIMNEY STRUCTURE AND TERMINATES AT 15' ABOVE ROOF LEVEL.
- EXISTING PIPING TO BE PROTECTED DURING CONSTRUCTION.
- (NOT USED)
- (NOT USED)
- 8" VENT CONNECTION ON BOILER CONTINUES UP TO 20' COMMON VENT. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS.
- EXPAND EXISTING BUILDING CONTROL PANEL AS REQUIRED TO CONNECT ALL NEW EQUIPMENT TO CONTROLLER TO SUIT NEW SEQUENCES AND POINTS.
- EXISTING TRENCH DRAIN TO REMAIN.
- EXISTING HOT WATER TANK TO REMAIN.
- INSTALL NEW PUMP VFD ON WALL. COMPLETE ALL REQUIRED WIRING BACK TO MAIN PUMP SKID INDICATED.
- (NOT USED)
- EXISTING AIR COMPRESSOR TO REMAIN.
- CONNECT NEW HOT WATER SUPPLY AND RETURN TO EXISTING MAIN HEADER.
- EXISTING HYDRONIC SYSTEM IS TO BE FLUSHED PRIOR TO COMMISSIONING. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH AQUARIAN CHEMICALS INC FOR WATER CHEMICAL TREATMENT. (MCESA@AQUARIANCHEMICALS.COM, P: 416-540-1883) PROVIDE PRE-START UP AND START UP REPORT.

## GENERAL NOTES

- FOR EXACT LOCATION OF GRILLES AND DIFFUSERS REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
- ALL DUCTWORK AND EQUIPMENT TO BE CONCEALED IN CEILING SPACE UNLESS NOTED OTHERWISE.
- DUCT RUNOUTS TO MATCH GRILLE/DIFFUSER SIZE UNLESS OTHERWISE NOTED.
- DUCTWORK LOCATIONS TO BE FULLY CO-ORDINATED WITH GENERAL, PLUMBING, SPRINKLER AND ELECTRICAL CONTRACTORS PRIOR TO FABRICATION OR INSTALLATION.
- FOR DRAWING LEGENDS SEE DRAWING M-1.
- ALL DEMOLITION WORK SHALL BE DONE VIA PIPE FREEZING. THE EXISTING HEATING SYSTEM SHALL NOT BE DRAINED DOWN.

THESE DRAWINGS ARE NOT TO BE SCALED

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1. ISSUED FOR TENDER 25.03.21  
2. ISSUED FOR ADDENDUM #125.04.10

PROJECT:  
Boiler Renovations

Glendale  
Secondary  
School

145 Rainbow Dr,  
Hamilton, ON  
For the HWDSB

SEAL:

EXP Services Inc.

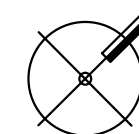
T: 905.525.6069 | F: 905.528.7310  
1286 South Service Road,  
Suite C-11, Stony Creek,  
ON, L8E 5R9  
Canada

www.exp.com



• BUILDINGS • EARTH & ENVIRONMENT • ENERGY  
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY

TRUE NORTH:



DRAWING TITLE:

Proposed  
Boiler Room  
Ground Floor  
Plan

SCALE:

AS NOTED

DRAWN:

C.M. / J.L.

DATE:

SEPTEMBER 2023

PROJECT #:

ALL-23010629-A0

DRAWING #:

M2.0

HWSB GLBLNDA SEC SCH BOILER A/HU REPLACEMENT										JOB No.		ALL-23010629-A0				
MECHANICAL SCHEDULE - PUMPS																
DWG. DESIGNATION	SYSTEM and ROOM	MODEL	SPEC TYPE	FLOW (GPM)	HEAD (FT)	EFF. (%)	VFD	MECHANICAL REMARKS	MOTOR W or HP	WIRING FOR MECHANICAL EQUIPMENT SCHEDULE					ELECTRICAL WIRING INSTRUCTIONS	
										MCA FLA	M COP	VAC/ø	ROOM STARTER TYPE	REMOTE CONTROL DEVICE		DISC. TYPE
P-1	RADIATOR LOOP	GRUNDFOS HYDRO NP (ABB) 2CR 125-1	VP	600	105.2	78.10%	YES	PACKAGED PUMP SKID WITH VFD SHIPPED LOOSE PRESSURE TRANSDUCER FACTORY INSTALLED	25 HP	75 FLA	150A	208/3ø	VFD (DIV 23)	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY THROUGH VFD SUPPLIED BY MECHANICAL DIVISION. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-2	RADIATOR LOOP	GRUNDFOS HYDRO NP (ABB) 2CR 125-1	VP	600	105.2	78.10%	YES	PACKAGED PUMP SKID WITH VFD SHIPPED LOOSE PRESSURE TRANSDUCER FACTORY INSTALLED	25 HP	75 FLA	150A	208/3ø	VFD (DIV 23)	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY THROUGH VFD SUPPLIED BY MECHANICAL DIVISION. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-3	FAN COIL LOOP	GRUNDFOS HYDRO NP (ABB) 2CR 45-1	VP	250	85.2	73.40%	YES	PACKAGED PUMP SKID WITH VFD SHIPPED LOOSE PRESSURE TRANSDUCER FACTORY INSTALLED	10 HP	31 FLA	50A	208/3ø	VFD (DIV 23)	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY THROUGH VFD SUPPLIED BY MECHANICAL DIVISION. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-4	FAN COIL LOOP	GRUNDFOS HYDRO NP (ABB) 2CR 45-1	VP	250	85.2	73.40%	YES	PACKAGED PUMP SKID WITH VFD SHIPPED LOOSE PRESSURE TRANSDUCER FACTORY INSTALLED	10 HP	31 FLA	50A	208/3ø	VFD (DIV 23)	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY THROUGH VFD SUPPLIED BY MECHANICAL DIVISION. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-5	TECH WING LOOP	GRUNDFOS HYDRO NP (ABB)(CUE) 2CR 45-1	VP	200	85.2	74.90%	YES	PACKAGED PUMP SKID WITH VFD SHIPPED LOOSE PRESSURE TRANSDUCER FACTORY INSTALLED	10 HP	31 FLA	50A	208/3ø	VFD (DIV 23)	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY THROUGH VFD SUPPLIED BY MECHANICAL DIVISION. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-6	TECH WING LOOP	GRUNDFOS HYDRO NP (ABB)(CUE) 2CR 45-1	VP	200	85.2	74.90%	YES	PACKAGED PUMP SKID WITH VFD SHIPPED LOOSE PRESSURE TRANSDUCER FACTORY INSTALLED	10 HP	31 FLA	50A	208/3ø	VFD (DIV 23)	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY THROUGH VFD SUPPLIED BY MECHANICAL DIVISION. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-9	BOILER PUMP	GRUNDFOS 40959 VL	CP	192	30	88.70%	NO	BOILER CIRCULATOR PUMP	3 HP	7.6A	15	208/3ø	BIC	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-10	BOILER PUMP	GRUNDFOS 40959 VL	CP	192	30	88.70%	NO	BOILER CIRCULATOR PUMP	3 HP	7.6A	15	208/3ø	BIC	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-11	BOILER PUMP	GRUNDFOS 40959 VL	CP	192	30	88.70%	NO	BOILER CIRCULATOR PUMP	3 HP	7.6A	15	208/3ø	BIC	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY. ALL CONTROL WIRING BY MECHANICAL DIVISION

P-9	BOILER PUMP	GRUNDFOS 40959 VL	CP	192	30	88.70%	NO	BOILER CIRCULATOR PUMP	3 HP	7.64	15	208/3Ø	BIC	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-10	BOILER PUMP	GRUNDFOS 40959 VL	CP	192	30	88.70%	NO	BOILER CIRCULATOR PUMP	3 HP	7.64	15	208/3Ø	BIC	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY. ALL CONTROL WIRING BY MECHANICAL DIVISION
P-11	BOILER PUMP	GRUNDFOS 40959 VL	CP	192	30	88.70%	NO	BOILER CIRCULATOR PUM	3 HP	7.64	15	208/3Ø	BIC	BAS	TYPE 1	DIV. 26 TO PROVIDE DISCONNECT AND WIRE COMPLETELY. ALL CONTROL WIRING BY MECHANICAL DIVISION

WIRING FOR MECHANICAL EQUIPMENT SCHEDULE LEGEND	
AM	— ACTUATOR MOTOR
APS	— AIR PROVING SWITCH
AST	— AQUASTAT
BAS	— CONTROL BY BUILDING AUTOMATION SYSTEM CONTRACTOR
BIC	— BUILT IN CONTROLLER
C1	— EEMAC-1 TYPE DISC. SWITCH
C2	— EEMAC-2 TYPE DISC. SWITCH
C3R	— EEMAC-3R TYPE DISC. SWITCH
C4	— EEMAC-4 TYPE DISC. SWITCH
C12	— EEMAC-12 TYPE DISC. SWITCH
COMB	— COMBINATION MAGNETIC STARTER
CP	— CONTROL PANEL
CSR	— CURRENT SENSING RELAY
CT	— CONTROL TRANSFORMER
CWSV	— COLD WATER SOLENOID VALVE
(D23)	— ITEM ADJACENT IS SUPPLIED, INSTALLED AND WIRED BY MECHANICAL DIVISION.
(D23A)	— ITEM ADJACENT IS SUPPLIED AND INSTALLED BY MECHANICAL DIVISION. ELECTRICAL DIVISION WIRES ITEM.
(D26)	— ITEM ADJACENT IS SUPPLIED BY MECHANICAL DIVISION. ELECTRICAL DIVISION INSTALLS AND WIRES ITEM.
(D26A)	— ITEM ADJACENT IS SUPPLIED, INSTALLED AND WIRED BY ELECTRICAL
DISC	— DISCONNECT
DM	— DAMPER MOTOR
DMSW	— DAMPER MOTOR SWITCH
DVR	— DOUBLE VOLTAGE RELAY
FA	— FIRE ALARM SYSTEM CONNECTION
FAM	— ADDRESSABLE FIRE ALARM INPUT MODULE
FACR	— ADDRESSABLE FIRE ALARM CONTROL RELAY MODULE
FL	— FLOAT SWITCH
FLA	— FULL LOAD RUNNING AMPERES
FPU	— FIELD PROCESSOR UNIT BY DIV. 15900*
FPU/SS	— START/STOP CONTROL OUTPUT FROM FPU*
FPU/ST	— MOTOR RUNNING STATUS INPUT TO FPU*
FRAC	— FRACTIONAL HORSEPOWER
FS	— FLOW SWITCH
GSV	— GAS SOLENOID VALVE
HOA	— HAND/OFF/AUTO SWITCH IN STARTER COVER
HUM	— HUMIDISTAT
HWSV	— HOT WATER SOLENOID VALVE
IRS	— INFRARED SENSOR
KMSW	— KEY OPERATED MOMENTARY CONTACT SWITCH
KSW/PL	— KEY SWITCH(15A, 120V,SPST, LOCK TYPE C/W PILOT LIGHT)

WIRING FOR MECHANICAL EQUIPMENT SCHEDULE LEGEND	
LS	LEVEL SWITCH
LWCO	LOW WATER CUT OFF
MAG	MAGNETIC STARTER
MAN	MANUAL STARTER
MCA	MINIMUM CIRCUIT AMPS
MCC	MOTOR CONTROL CENTRE
MFA	MAXIMUM FUSE AMPACITY
MOCP	MAXIMUM OVER CURRENT PROTECTION
MVS	MONITORED VALVE SWITCH
ODT	OFF DELAY TIMER
PB	PUSHBUTTON ON/OFF SWITCH IN STARTER COVER
PL	PILOT LIGHT IN STARTER COVER
PLG	120V RECEPTACLE BY ELECTRICAL DIVISION
PS	PRESSURE SWITCH
RPB	REMOTE STOP/START PUSHBUTTON
RPL	REMOTE PILOT LIGHT
SD	SMOKE DETECTOR (DUCT TYPE)
SS	SPEED SWITCH
SLS & PL	SELECTOR SWITCH AND PILOT LIGHT
SV	SOLENOID VALVE
SW	HP RATED TOGGLE SWITCH
TC	TEMPERATURE CONTROLLER
TI	TIMER (INTERVAL)
T7	TIMER (7-DAY)
TRS	THERMOSTAT REVERSING SWITCH
TS	THERMOSTAT
T	THERMOSTAT OR TEMPERATURE SENSING UNIT
VM	VALVE MOTOR
VFD (VSD)	VARIABLE FREQUENCY (OR SPEED) DRIVE
TOA	TEST/OFF/AUTO SWITCH IN STARTER COVER.

THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND MUST CONFIRM & CORRELATE ALL DETAILS WITHIN THE FULL DRAWING PACKAGE BEING RESPONSIBLE FOR SAME THROUGHOUT CONSTRUCTION, REPORTING ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCING THE RELEVANT WORK

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Glendale  
Secondary  
School

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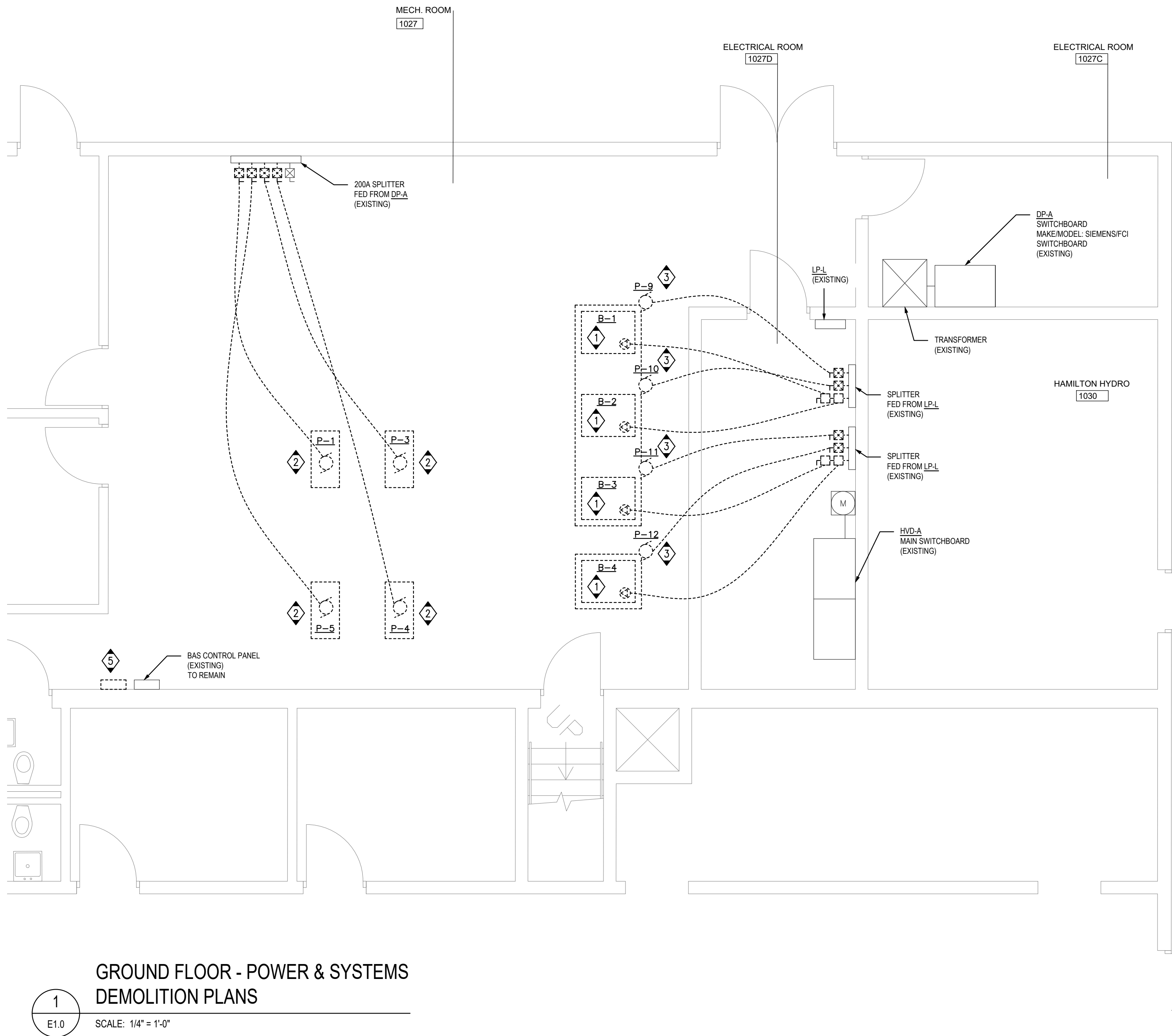


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D R A W N :  
J.L.

PROJECT #:  
ALL 23010620 AO

ME1.0 ✓



ELECTRICAL GENERAL  
DEMOLITION NOTES

- THE ELECTRICAL CONTRACTOR SHALL, AS PART OF HIS WORK, PERFORM ALL RELATED DEMOLITION, MODIFICATIONS, RELOCATION OF ELECTRICAL DISTRIBUTION AND OTHER EQUIPMENT AND RELATED WORK, INCLUDING NEW WORK NECESSARY TO COMPLETE THE PROJECT.
- IT IS RECOMMENDED BIDDERS VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO MOBILIZATION, REFER TO EXISTING DRAWINGS AND THE SITE TO DETERMINE THE EXTENT OF THE DEMOLITION AND NEW WORK REQUIRED.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL TECHNICAL DETAILS OF EQUIPMENT TO BE REMOVED. WHERE THERE IS A DISCREPANCY WITH THE TENDER DOCUMENTS, CONTRACTOR SHALL ENGAGE CONSULTANTS FOR DIRECTIONS. ELECTRICAL CONTRACTOR SHALL MAKE A LIST OF ALL EQUIPMENT TO BE REMOVED. THIS LIST SHALL BE WITH ALL FOLLOWING INFORMATION:
  - MAKE/MODEL#
  - MANUFACTURER
  - TECHNICAL DETAILS
  - LOCATION THIS LIST SHALL BE SUBMITTED TO THE OWNER FO RECORD PURPOSES.
- THE ELECTRICAL CONTRACTOR SHALL NOT DISCONNECT EQUIPMENT AND ELECTRICAL CIRCUITS IN THE RENOVATION AREA OR ANY PART OF THE BUILDING WITHOUT PRIOR NOTIFICATION AND PERMISSION FROM THE OWNER. EXTREME CARE SHALL BE TAKEN TO MINIMIZE DISTURBANCE TO THE SURROUNDING AREA.
- ITEMS REMOVED AND NOT SCHEDULED TO BE RELOCATED SHALL BE OFFERED TO THE OWNER FOR THEIR USE AND IF NOT ACCEPTED BY THE OWNER, THE ELECTRICAL CONTRACTOR SHALL DISPOSE OF THE MATERIAL FROM THE SITE IN ACCORDANCE WITH LOCAL REGULATIONS. THE ELECTRICAL CONTRACTOR SHALL DELIVER ITEMS ACCEPTED BY THE OWNER TO THE DESIGNATED LOCATIONS AS DIRECTED BY THE OWNER.
- IN ALL CASES WHERE WORK IS REMOVED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT AND LABOR TO SUSTAIN OPERATION OF ALL PARTS OF THE SYSTEMS CONNECTING TO OR FROM THE PART REMOVED, COMPLETING ALL WORK IN STRICT ACCORDANCE WITH APPLICABLE CODES.
- ALL WIRING, CABLES AND FEEDERS INCLUDING BOTH CONNECTED TO DEVICES AND EQUIPMENT TO BE DEMOLISHED AND EXISTING THAT WERE ABANDONED IN PLACE SHALL BE REMOVED BACK TO THEIR SOURCES. UNLESS NOTED OTHERWISE, CONDUITS AND/OR WIRING SHALL, WHERE NECESSARY, BE RE-CIRCUIT AROUND THE REMOVED PART, KEEPING OCCUPIED PARTS OF THE BUILDING SYSTEM IN FULL SERVICE.
- ALL EXISTING CONDUITS WHICH HAVE BEEN ABANDONED OR ARE UNUSED SHALL BE REMOVED.
- PROVIDE BLANK METAL COVER PLATES FOR ALL JUNCTION/DEVICE BOXES NO LONGER IN USE THAT ARE EMBEDDED IN FLOOR SLAB OR MASONRY WALLS. PROVIDE PLUGS FOR ALL PANELS WHERE CONDUIT HAS BEEN REMOVED. COVER PLATES SHALL BE PAINTED TO MATCH EXISTING CONDITIONS.
- WHERE REQUIRED COORDINATE WITH THE CONSULTANTS/OWNER FOR EXISTING PARTITIONS TO BE REMOVED TO FACILITATE WORK. DISCONNECT EXISTING BRANCH CIRCUITS SERVING DEVICES IN PARTITIONS TO BE REMOVED. MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING DEVICES IN OTHER AREAS TO REMAIN.
- FIRE ALARM SYSTEM: COORDINATE AND CONSULT WITH CURRENT FIA SYSTEM SERVICE CONTRACTOR (HAMILTON FIRE CONTROL) OR THEIR QUALIFIED REPRESENTATIVE FOR ALL FIRE ALARM DEMOLITION AND MODIFICATIONS. OPERATION SHALL BE MAINTAINED OF EXISTING FIRE ALARM SYSTEM SPECIFICALLY AS IT RELATES TO ADJACENT AREAS WHICH ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.
- ELECTRICAL CONTRACTOR SHALL PROVIDE UPDATED TYPE WRITTEN PANEL DIRECTORIES FOR ALL PANELS AFFECTED BY THE DEMOLITION AND/OR NEW WORK. CIRCUIT BREAKERS NOT USED FOR NEW WORK SHALL BE LABELED AS SPARE.
- FOR EXISTING DEVICES/CIRCUITRY THAT ARE INDICATED TO BE REMOVED BACK TO POINT OF ORIGIN- THESE ITEMS ARE TO BE REMOVED BACK TO POINT OF ORIGIN UNLESS THERE WILL BE EXISTING DEVICES ON THE SAME CIRCUIT THAT ARE LOCATED OUTSIDE AREA OF WORK THAT ARE TO REMAIN. IN THAT CASE, REMOVE THE EXISTING DEVICES/CIRCUITRY IN AREA OF WORK BACK TO THESE EXISTING DEVICES TO REMAIN. ALL DEVICES/CIRCUITRY IN SURROUNDING AREAS THAT ARE TO REMAIN ARE TO BE KEPT ENERGIZED. FOR REMOVAL OF CONDUIT AND WIRING OUTSIDE OF AREA OF WORK COORDINATE AND SCHEDULE WITH OWNER PRIOR TO PERFORMING WORK.

DRAWING NOTES

GENERAL:

PRIOR TO BIDDING, IT IS RECOMMENDED BIDDERS VISIT SITE AND BE FAMILIAR WITH ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO EQUIPMENT LOCATIONS AND OTHER POSSIBLE INSTALLATION DIFFICULTIES. PAY AND OBTAIN ANY PERMITS REQUIRED INCLUDING ESA.

- EXISTING BOILERS (B-1, B-2, B-3, B-4) FED FROM EXISTING DISCONNECT SWITCHES IN ELECTRICAL ROOM 1027D. DISCONNECT POWER SUPPLY FROM UNITS. DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCHES. REMOVE ALL FEEDER CABLES. FEEDING UNITS. REMOVAL OF UNITS BY MECHANICAL DIVISION. REFER TO DRAWING NOTE NO.1 ON NEW PLANS.
- EXISTING PUMPS (P-1, P-3, P-4, P-5) FED FROM EXISTING 200A SPLITTER AND DISCONNECT SWITCHES IN MECHANICAL ROOM 1027. DISCONNECT POWER SUPPLY FROM UNITS. DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCHES. REMOVE ALL FEEDER CABLES. FEEDING UNITS. REMOVAL OF UNITS BY MECHANICAL DIVISION. REFER TO DRAWING NOTE NO.2 ON NEW PLANS.
- EXISTING BOILER PUMPS (P-8, P-10, P-11, P-12) FED FROM DISCONNECT SWITCHES IN MECHANICAL ROOM 1027D. DISCONNECT POWER SUPPLY FROM UNITS. DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCHES. REMOVE ALL FEEDER CABLES. FEEDING UNITS. REMOVAL OF UNITS BY MECHANICAL DIVISION. REFER TO DRAWING NOTE NO.3 ON NEW PLANS.
- NOT USED.
- EXISTING BOILER CONTROL PANEL. DISCONNECT POWER SUPPLY FROM PANEL. EXISTING FEEDERS TO BE RE-USED TO FEED NEW PANEL. REMOVAL OF UNITS BY MECHANICAL DIVISION. REFER TO DRAWING NOTE ON NEW PLANS.

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- ISSUED FOR TENDER 25.03.21
- ISSUED FOR ADDENDUM #125.04.10

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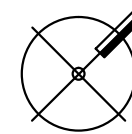
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SEPTEMBER 2023

PROJECT #:

ALL-23010629-A0

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