Staff Room

6kW ELECTRIC FORCE — FLOW HEATER. REFER TO ELECTRICAL

DRAWINGS (TYP.)

—ELECTRIC RECESSED

RADIANT PANELS.

DRAWINGS (TYP.)

REFER TO ELECTRICAL

ELECTRIC RECESSED
RADIANT PANELS. REFER
TO ELECTRICAL
DRAWINGS (TYP.)

101B

101A

Elevator Machine

Gathering Space
G-1

Main Lobby

Vestibule

T_{CS}

40ø HPS/R UP❤

Health Room

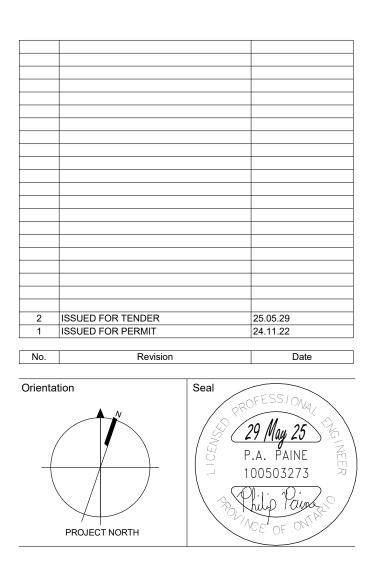
32ø HPS/R UP —

—6kW ELECTRIC FORCE FLOW HEATER. REFER

Reception / Office

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of

The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions. Drawings and specifications, etc., prepared and issued by the Consultant are the property of the Consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing. © 2025 DEI Consulting Engineers Inc.



2kW ELECTRIC BASEBOARD HEATER MOUNTED HIGH @ 2200 AFF. REFER TO

1kW ELECTRIC BASEBOARD — HEATER MOUNTED HIGH @ 2200 AFF. REFER TO

ELECTRICAL DRAWINGS (TYP.)

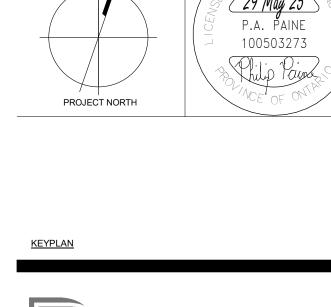
6kW ELECTRIC FORCE FLOW HEATER. REFER TO ELECTRICAL

DRAWINGS (TYP.)

ELECTRICAL DRAWINGS (TYP.)

-2kW ELECTRIC BASEBOARD HEATER MOUNTED HIGH @ 2200 AFF. REFER TO ELECTRICAL DRAWINGS (TYP.)

Staff Room



Consulting Engineers MECHANICAL | ELECTRICAL | AQUATIC

Project Information Bowmanville CES

AS INDICATED

Middle Road and Northglen Boulevard, Clarington, L1C 5B8

PVNCCDSB Drawing Title

LEVEL1 FLOOR PLAN -**HYDRONIC**

2025-05-29

ROOF

HPS/R MAINS ON LEVEL 1. REFER TO OVERALL PLAN

> REFER TO OVERALL PLAN FOR BRANCH SIZING (TYP.)

> > Custodial Office

116

32ø HPS/R UP-

Kindergarten 112

32ø HPS/R UP & DN-

-3kW ELECTRIC UNIT

HEATER. REFER TO

-KICKSPACE HEATER.

DRAWINGS (TYP.)

REFER TO ELECTRICAL

DRAWINGS (TYP.)

ELECTRICAL

LEVEL 2

3kW ELECTRIC UNIT -HEATER. REFER TO ELECTRICAL DRAWINGS (TYP.)

6kW ELECTRIC FORCE — FLOW HEATER. REFER

TO ELECTRICAL

DRAWINGS (TYP.)

(Jx)—

M

O−HPR −I®H®I−

——HPS——□□———

TYPICAL HOROZONTAL HEAT PUMP CONNECTION

114B

Electrical

32ø HPS/R UP &---

20ø HPS/R DN

REFER TO OVERALL PLAN FOR —

O—HPR—◀—I®I®I—●

TYPICAL VERTICAL HEAT PUMP CONNECTION

119

----32ø HPS/R DN

Kindergarten 111

KICKSPACE HEATER. -

DRAWINGS (TYP.)

REFER TO ELECTRICAL

— 5kW ELECTRIC FORCE FLOW HEATER. REFER TO ELECTRICAL DRAWINGS (TYP.)

20ø HPS/R UP-

Kindergarten 110

5kW ELECTRIC FORCE – FLOW HEATER. REFER TO ELECTRICAL

DRAWINGS (TYP.)

32ø HPS/R DN-

Coats 110B

Coats 109B

----32ø HPS/R UP

──32ø HPS/R UP

--- 32ø HPS/R UP & DN

109

DRAWINGS (TYP.)

KICKSPACE HEATER. — REFER TO ELECTRICAL

HPS-→-|ō|---

BRANCH SIZING (TYP.)

LEVEL 2

HPS/R MAINS ON LEVEL 1.

REFER TO OVERALL PLAN

FOR SIZING.

Classroom

ELECTRICAL

-5kW ELECTRIC UNIT

HEATER. REFER TO

DRAWINGS (TYP.)

-32ø HPS/R UP & DN