

WORKSHOP

Addendum 02

Project: Doon Public School - Window Replacement & HVAC Upgrades
1401 Doon Village Road, Kitchener ON
N2P 1A8, Breslau ON

Date: 13 May 2021

Pages incl. cover: 8

Tender No. 7158-KP-21

The following changes, additions, deletions and clarifications are hereby made an integral part of the documents, including the drawings and specifications for the above project.

Item	Description
1.01	Addition: Structural drawing S-1 Structural Details is attached (1 page).
1.02	Revision: Existing janitors sink in the Boiler Room is to remain - new electrical switchboard and stepdown transformer have been shifted to suit. See revised drawings A1.1 & A2.1 attached (2 pages), Mechanical Addendum M-2 (2 pages, including revised drawing MP-101) and Electrical Addendum E-2 (2 pages, including revised drawing EP-201) prepared by Quasar Consulting Group.
1.03	Revision: Revise Specification Section 01001 - General Requirements, item 1.3.5 Sanitary Facilities to read: <ol style="list-style-type: none"><i>The use of existing staff sanitary facilities for Workers is permitted until 5th September 2021. The use of student facilities is not permitted. The Contractor is to provided portable washroom facilities after 5th September 2021.</i><i>Maintain in clean condition.</i>

End of Addendum 02

Project Name:	Doon Public School	Date Issued:	May 12, 2021
Quasar Project #:	ED-20-308		
Client Project #:	2023		
Addendum #:	M-2		
Revision #:	0		

This Addendum forms part of the Contract Specifications and Drawings, and modifies the Bidding Documents, with Amendments and Additions noted below. This Addendum shall be added to the front of the specifications as issued. Bidders shall acknowledge receipt of this Addendum in the space provided in the Bid Form and include in bid amount.

This addendum includes modifications to the drawings as summarized below. Unless otherwise noted, all drawings listed below are attached herewith.

Changes to Drawings:

1. DRAWING MP-101 – GROUND FLOOR DEMOLITION PLAN - PLUMBING (ISSUED HEREWITH)

Refer to attached drawing and include for the following:

- a. Existing Mop sink in boiler room to remain.

Quasar Consulting Group

Rev	Description	Date
1	ISSUED FOR 50% REVIEW	2021-02-12
2	ISSUED FOR REVISED 50% DRAWINGS FOR COORDINATION	2021-03-19
3	ISSUED FOR 80% REVIEW	2021-04-09
4	ISSUED FOR TENDER	2021-04-30
5	ISSUED FOR PERMIT	2021-05-07
6	ISSUED WITH ADDENDUM M-2	2021-05-12

PLUMBING DEMO KEYED NOTES

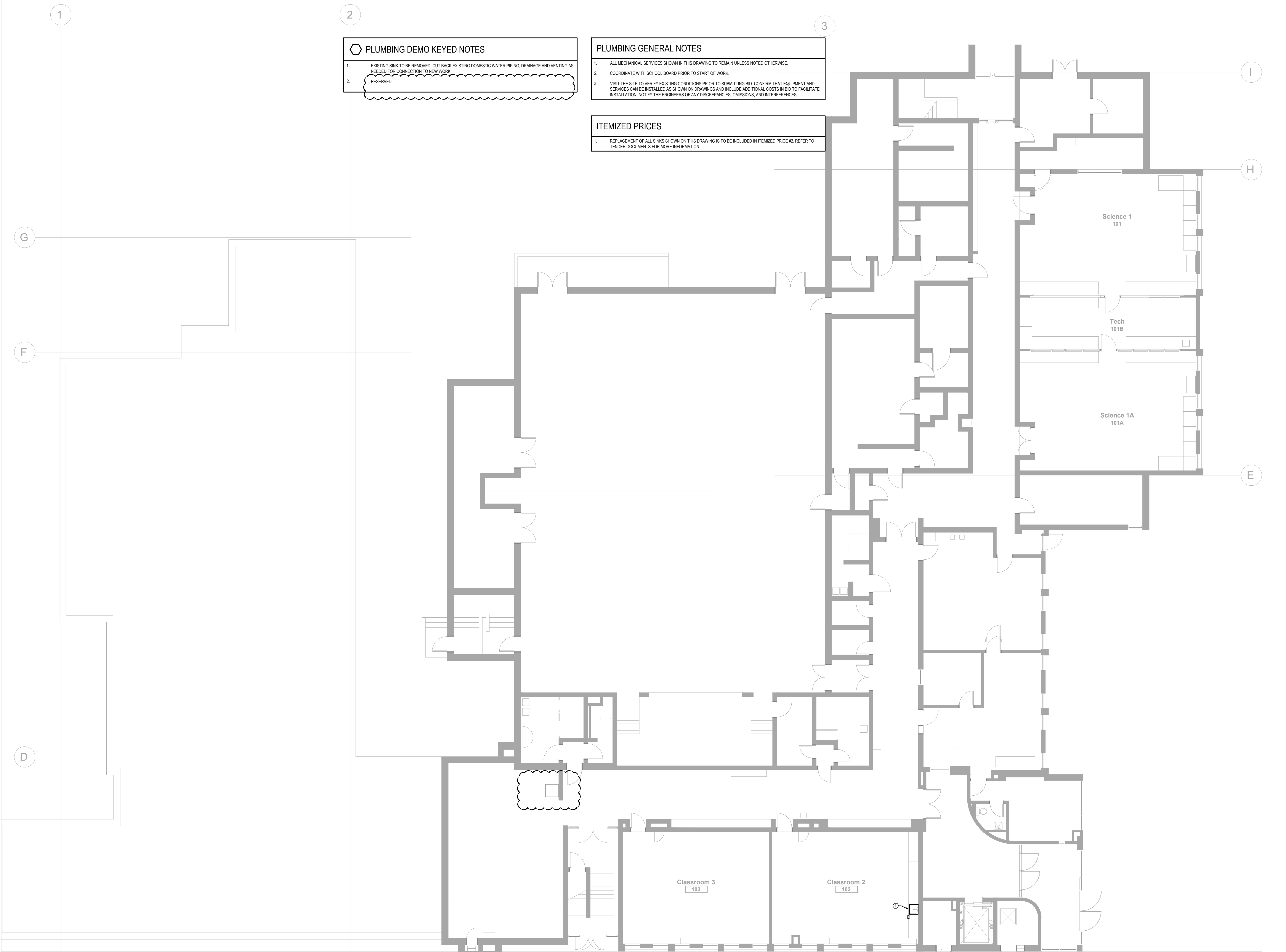
- EXISTING SINK TO BE REMOVED. CUT BACK EXISTING DOMESTIC WATER PIPING, DRAINAGE AND VENTING AS NEEDED FOR CONNECTION TO NEW WORK.
- RESERVED

PLUMBING GENERAL NOTES

- ALL MECHANICAL SERVICES SHOWN IN THIS DRAWING TO REMAIN UNLESS NOTED OTHERWISE.
- COORDINATE WITH SCHOOL BOARD PRIOR TO START OF WORK.
- VISIT THE SITE TO VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID. CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON DRAWINGS AND INCLUDE ADDITIONAL COSTS IN BID TO FACILITATE INSTALLATION. NOTIFY THE ENGINEERS OF ANY DISCREPANCIES, OMISSIONS, AND INTERFERENCES.

ITEMIZED PRICES

- REPLACEMENT OF ALL SINKS SHOWN ON THIS DRAWING IS TO BE INCLUDED IN ITEMIZED PRICE #2. REFER TO TENDER DOCUMENTS FOR MORE INFORMATION.



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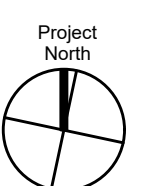
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WRDSB Doon

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PROJECT CODE: ED-20-307 SCALE: 1:100
 DATE: FEB 2021 STATUS: Preliminary

**GROUND FLOOR
 DEMOLITION PLAN -
 PLUMBING**



Project Name:	Doon Public School	Date Issued:	May 12, 2021
Quasar Project #:	ED-20-308		
Client Project #:	20_23		

Addendum #: E-2
Revision #: 0

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This addendum includes modifications to the drawings as summarized below. Unless otherwise noted, all drawings listed below are attached herewith.

Changes to Drawings:

1. **DRAWING EP-201 – GROUND FLOOR NEW WORK PLANS - ELECTRICAL (ISSUED HEREWITH)**
 - a. Refer to attached, revised drawing EP-201 and note the following changes. Provide all work indicated:
 - i. Revise location of new main switchboard and new transformer as indicated.

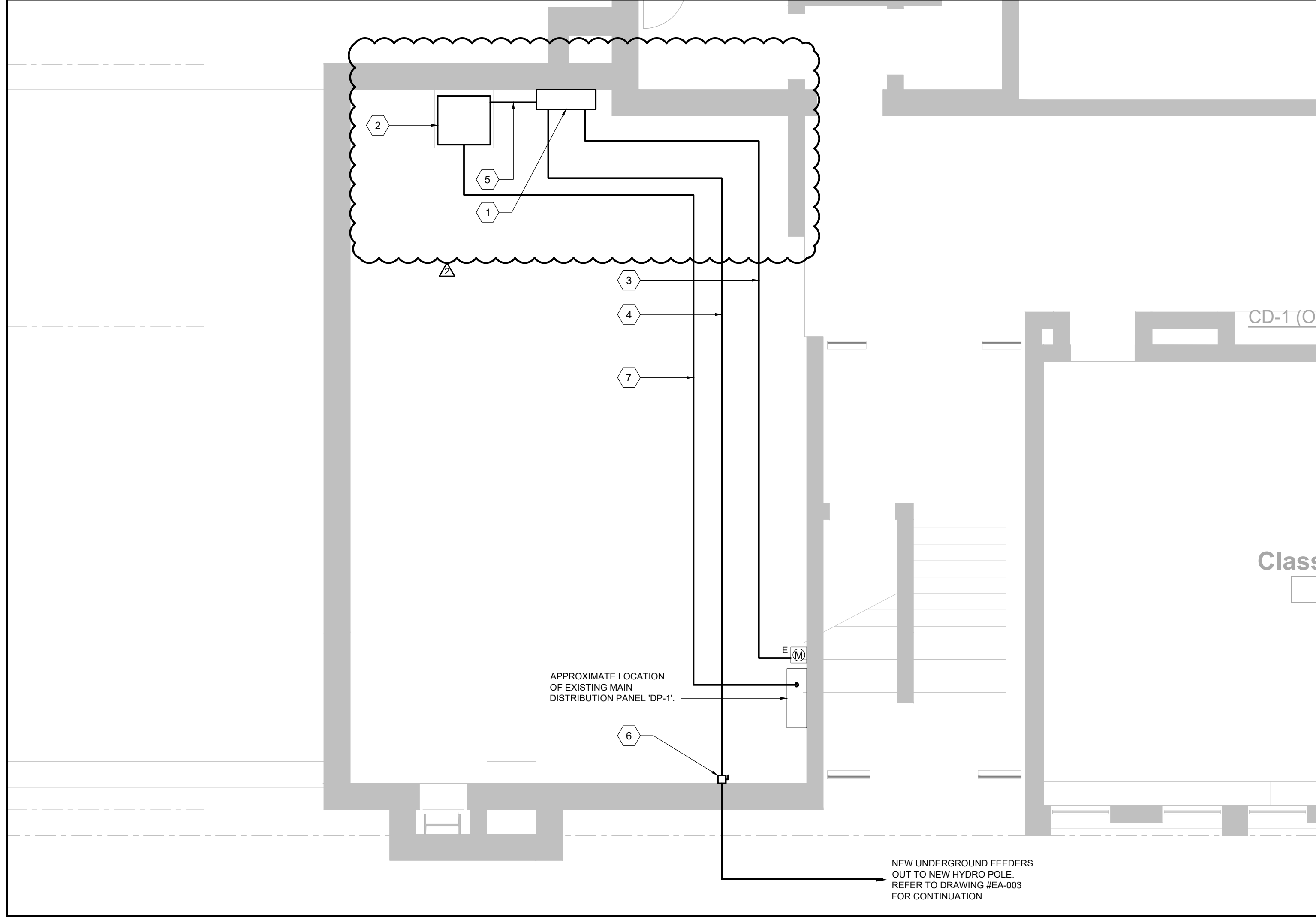
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SEQUENCE OF WORK FOR REPLACEMENT OF ELECTRIC SERVICE

1. INSTALL NEW 400-3P SERVICE ENTRANCE DISCONNECT SWITCH ON EXTERIOR WALL OF BOILER ROOM AND INSTALL NEW CONDUIT AND WIRING FROM DISCONNECT SWITCH TO NEW SWITCHBOARD.
 2. INSTALL NEW 400A-347/600V, 3Ø, 4W SWITCHBOARD AS SHOWN ON NEW WORK PLANS.
 3. INSTALL NEW 150kVA FLOOR MOUNTED STEP DOWN TRANSFORMER WITHIN EXISTING ELECTRICAL/BOILER ROOM AS SHOWN ON NEW WORK DRAWINGS AND CONNECT TO NEW MAIN SWITCHBOARD COMPLETE. INSTALL NEW CONDUIT AND WIRING FROM TRANSFORMER TO EXISTING DP-1 AND LEAVE WIRING COILED FOR FUTURE CONNECTION.
 4. COORDINATE WITH WRDSB AND KITCHENER-WILMOT HYDRO FOR SHUT-DOWN OF EXISTING SCHOOL. THE FOLLOWING WORK SHALL OCCUR DURING THE SHUT-DOWN AND SHALL PROCEED 24 HOURS A DAY UNTIL WORK IS COMPLETED AND POWER HAS BEEN RESTORED TO THE BUILDING AND EXISTING PANEL 'DP-1':
 - A) COORDINATE WITH KITCHENER-WILMOT HYDRO TO REPLACE EXISTING POLE MOUNTED TRANSFORMER;
 - B) INSTALL NEW SECONDARY SERVICE DUCTBANK AND CABLING;
 - C) INSTALL NEW 400A - 600V SERVICE ENTRANCE DISCONNECT AND CONNECT TO NEW INCOMING SECONDARY SERVICE FEEDERS;
 - D) DISCONNECT AND REMOVE EXISTING SPLITTER/WIRE TROUGH AND ASSOCIATED CONDUIT AND WIRING TO EXISTING MAIN DISTRIBUTION PANEL;
 - E) CONNECT NEW FEEDERS FROM MAIN SWITCHBOARD TO NEW SERVICE ENTRANCE DISCONNECT SWITCH;
 - F) CONNECT NEW FEEDERS FROM NEW 150kVA TRANSFORMER TO EXISTING DISTRIBUTION PANEL 'DP-1'; AND RE-FEEDING OF EXISTING DP-1 FROM NEW 150kVA TRANSFORMER;
 - G) COORDINATE WITH KITCHENER-WILMOT HYDRO TO RE-ENERGIZE POWER TO THE BUILDING.
- CONTRACTOR TO PROVIDE FIRE WATCH DURING ALL OUTAGES OF POWER TO PANEL DP-1 AND NOTIFY CURRENT MONITORING COMPANY THAT BUILDING FIRE ALARM WILL BE OFF-LINE DURING TIME OF OUTAGE.

NEW WORK KEY NOTES:

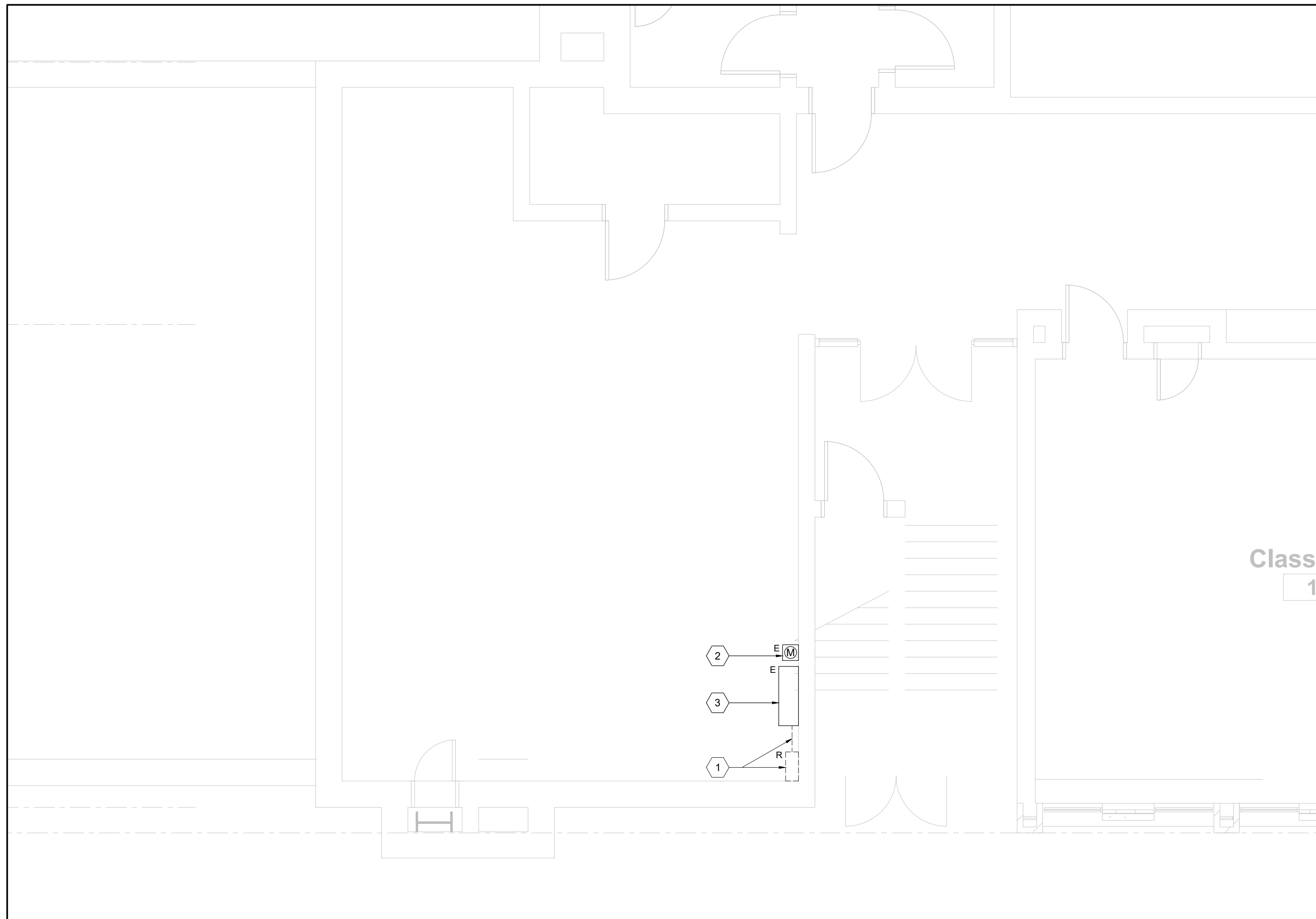
- 1 NEW 400A - 347/600V, 3Ø, 4W MAIN SWITCHBOARD 'SB-1'.
- 2 NEW 150kVA 600V TO 120/208V, 3Ø, 4W STEP-DOWN DISTRIBUTION TRANSFORMER 'TX-1'.
- 3 NEW 41mm CONDUIT BETWEEN NEW MAIN SWITCHBOARD AND EXISTING METERING CABINET. CONFIRM EXACT ROUTING ON SITE PRIOR TO ROUGH-IN.
- 4 NEW FEEDERS BETWEEN NEW SERVICE ENTRANCE DISCONNECT SWITCH AND NEW MAIN SWITCHBOARD ACROSS CEILING SPACE OF EXISTING BOILER/ELECTRICAL ROOM. CONFIRM EXACT ROUTING ON SITE PRIOR TO ROUGH-IN.
- 5 NEW FEEDERS BETWEEN NEW MAIN SWITCHBOARD 'SB-1' AND NEW TRANSFORMER 'TX-1'. CONFIRM EXACT ROUTING ON SITE PRIOR TO ROUGH-IN.
- 6 NEW 400A - 600V SERVICE ENTRANCE DISCONNECT SWITCH.
- 7 NEW FEEDER BETWEEN NEW TRANSFORMER 'TX-1' AND EXISTING DISTRIBUTION PANEL 'DP-1'. CONFIRM EXACT ROUTING ON SITE PRIOR TO ROUGH-IN.



2 PARTIAL GROUND FLOOR NEW WORK PLAN - ELECTRICAL
SCALE: 1:50

DEMOLITION KEY NOTES:

- 1 EXISTING SERVICE ENTRANCE SPLITTER BOX AND ASSOCIATED CONDUIT AND WIRING TO EXISTING MAIN DISTRIBUTION PANEL TO BE REMOVED IN ITS ENTIRETY. PER DRAWING #EA-002. IF IT IS DETERMINED THAT THE EXISTING UNDERGROUND CONDUIT INFRASTRUCTURE IS ADEQUATE TO ACCOMMODATE THE NEW INCOMING SECONDARY ELECTRICAL FEEDERS, THE EXISTING SPLITTER BOX SHALL BE RETAINED AND NEW CONDUIT WORK INSTALLED FROM SPLITTER BOX TO NEW SERVICE ENTRANCE DISCONNECT SWITCH. PROVIDE CREDIT FOR REMOVAL OF SPLITTER BOX.
- 2 EXISTING METERING CABINET TO REMAIN. PROVIDE NEW 41mm CONDUIT FROM METERING CABINET TO NEW MAIN SWITCHBOARD AND CONNECT TO NEW UTILITY CTs AND PTs WITHIN SWITCHBOARD.
- 3 EXISTING MAIN DISTRIBUTION PANEL TO REMAIN. EXISTING UTILITY METERING CTs AND PTs TO BE REMOVED DURING CUT-OVER TO NEW SWITCHBOARD.



1 PARTIAL GROUND FLOOR DEMOLITION PLAN - ELECTRICAL
SCALE: 1:50

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ED-20-307

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1/	ISSUED WITH ADDENDUM #E-1	2021-05-07
2/	ISSUED WITH ADDENDUM #E-2	2021-05-12



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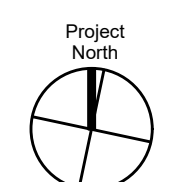
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WRDSB Doon

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PROJECT CODE: ED-20-307
SCALE: 1:50
DATE: FEB 2021
STATUS: Preliminary

GROUND FLOOR
NEW WORK PLANS
ELECTRICAL



Project North
drawing number
EP-201