DRAWING NOTES

1. EXISTING LIGHTING FIXTURE TO BE REMOVED. RE-USE EXISTING AND PROVIDE NEW LIGHTING CIRCUITS AS REQUIRED TO ACCOMMODATE NEW LIGHTING LAYOUT. FOR MORE DETAILS REFER TO THE NEW LIGHTING LAYOUT. TYPICAL WHERE SHOWN.
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6. EXISTING CEILING SPEAKER TO REMAIN. TYPICAL WHERE SHOWN.
7. RELOCATE EXISTING CEILING MOUNTED EMERGENCY EXIT LIGHT IN VESTIBULE TO ACCOMMODATE NEW LAYOUT.
8. EXISTING LIGHT FIXTURE IN CORRIDOR TO REMAIN. TYP.

GENERAL NOTES:

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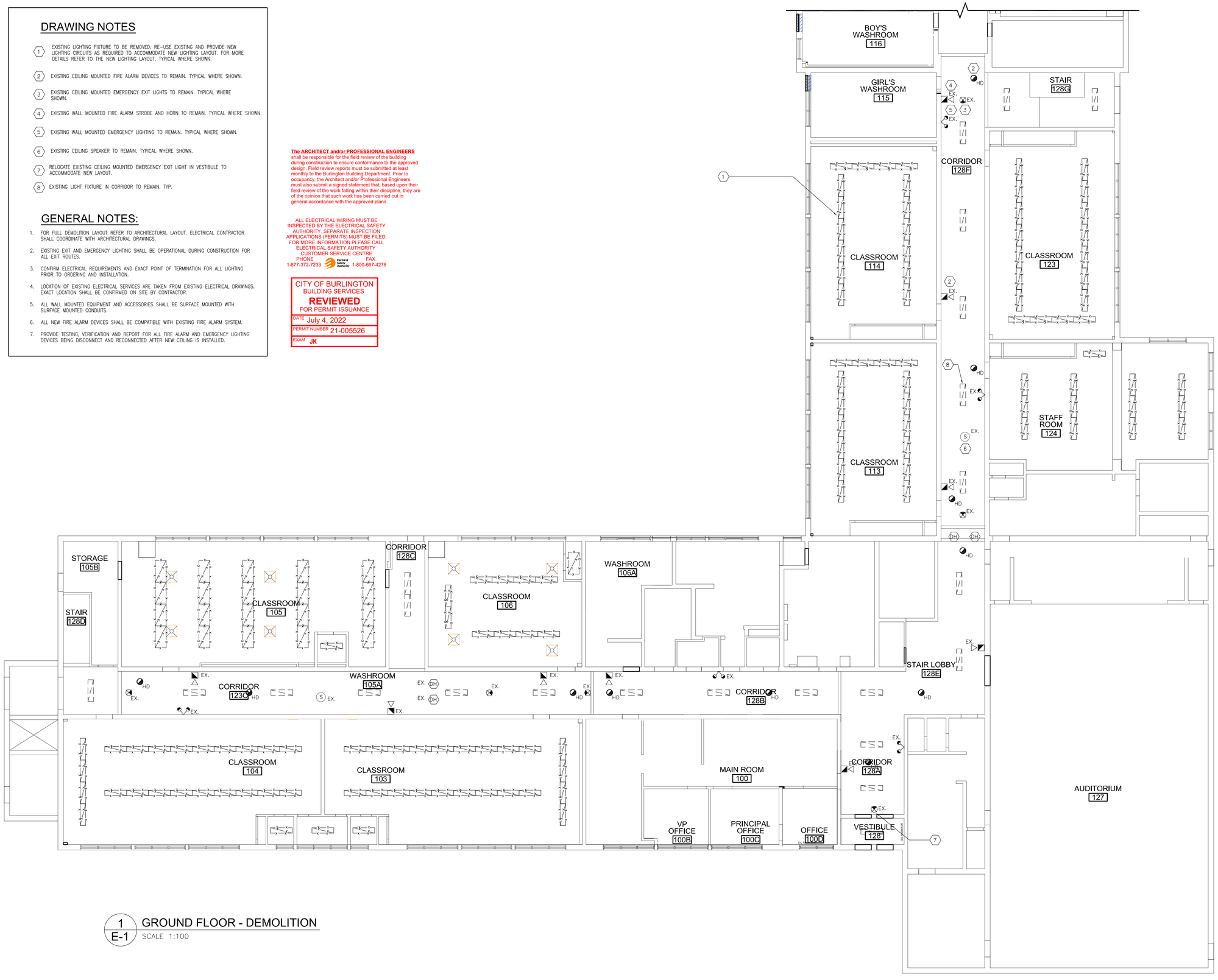
The ARCHITECT and/or PROFESSIONAL ENGINEERS shall be responsible for the field review of the building during construction to ensure conformance to the approved design. Field review reports must be submitted at least monthly to the Burlington Building Department. Prior to occupancy, the Architect and/or Professional Engineers must also submit a signed statement that, based upon their field review of the work falling within their discipline, they are of the opinion that such work has been carried out in general accordance with the approved plans.

ALL ELECTRICAL WIRING MUST BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY. SEPARATE INSPECTION APPLICATIONS (PERMITS) MUST BE FILED. FOR MORE INFORMATION PLEASE CALL.
ELECTRICAL SAFETY AUTHORITY
CUSTOMER SERVICE CENTRE
PHONE 1-877-372-7233 (Electrical Safety Authority) FAX 1-800-667-4278

CITY OF BURLINGTON
BUILDING SERVICES
REVIEWED
FOR PERMIT ISSUANCE
DATE July 4, 2022
PERMIT NUMBER 21-005526
EXAM JK



1 / E-1 GROUND FLOOR - DEMOLITION
SCALE 1:100

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

PNF ENGINEERING INC.
BUILDING SERVICES ENGINEERS
4-1290 EGLINTON AVE. EAST
MISSISSAUGA ONT. L4W 1K8
T. (905) 625-5322, www.pnfeng.com

LICENSED PROFESSIONAL ENGINEER
MAR 15 / 22
Y.D.NEDEV
100138469
PROVINCE OF ONTARIO

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THESE DRAWINGS ARE NOT TO BE SCALED.

Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : GROUND FLOOR CEILING DEMOLITION

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-1**

DRAWING NOTES

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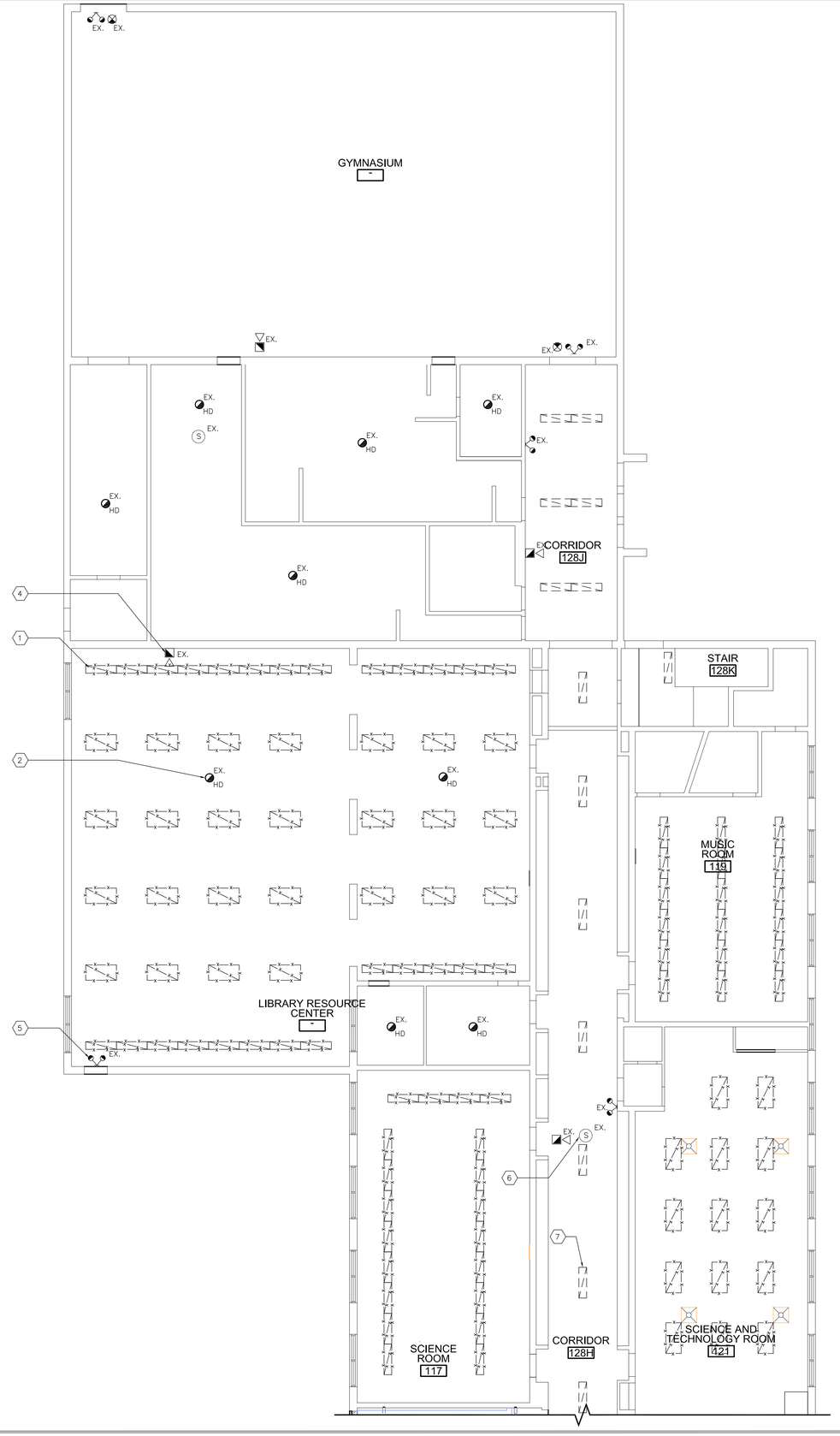

1 / E-2 GROUND FLOOR - DEMOLITION
SCALE 1:100

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

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Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : GROUND FLOOR CEILING DEMOLITION

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-2**

DRAWING NOTES

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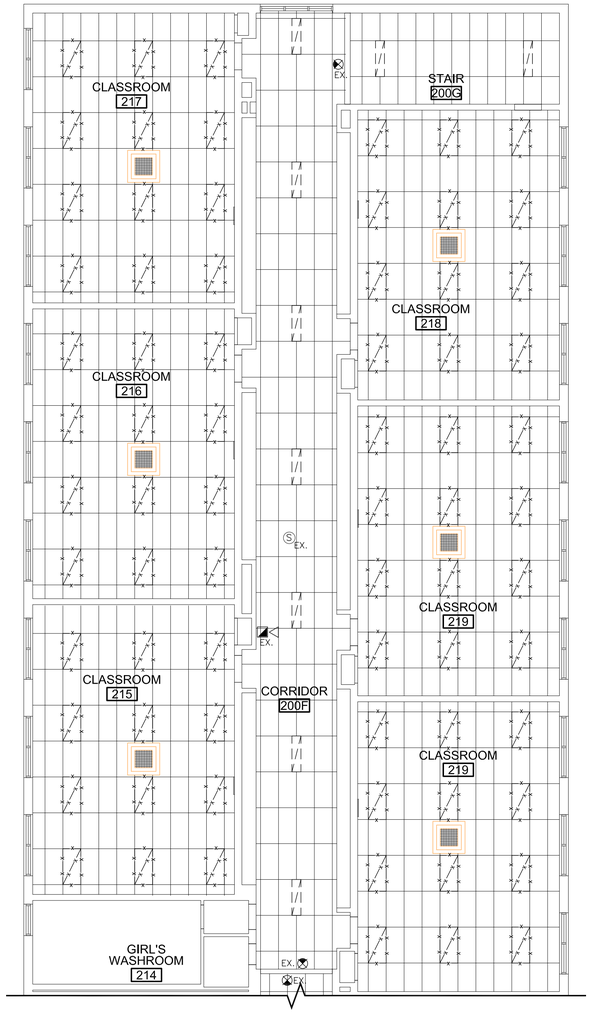

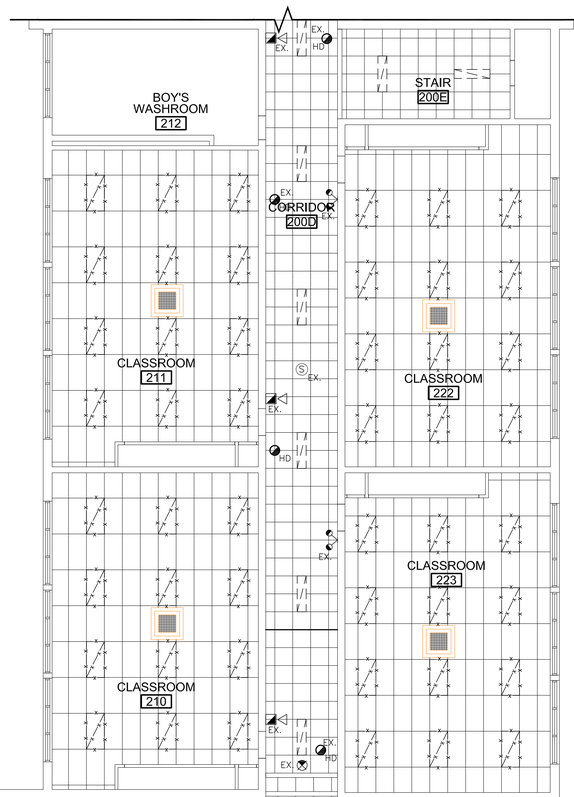

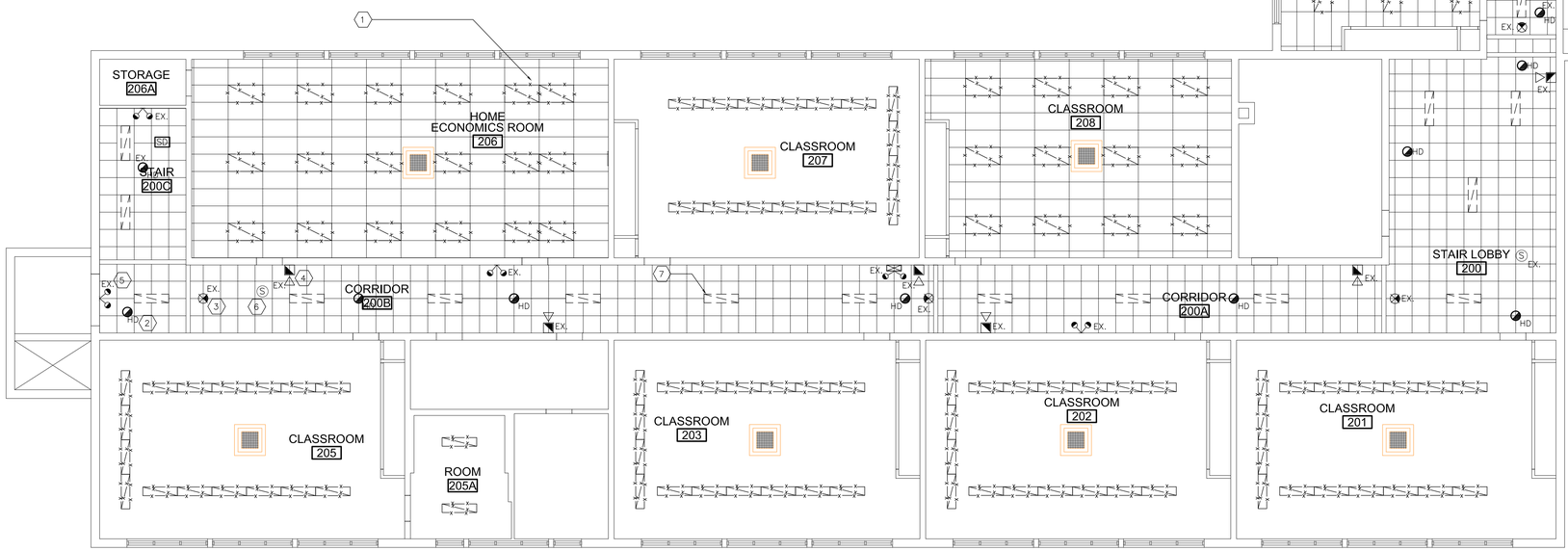

1 E-3 SECOND FLOOR - DEMOLITION
SCALE 1:100

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

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T. (905) 625-5322, www.pnfeng.com

LICENSED PROFESSIONAL ENGINEER
MAR 15 / 22
Y.D.NEDEV
100138469
PROVINCE OF ONTARIO

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THESE DRAWINGS ARE NOT TO BE SCALED.

Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : SECOND FLOOR CEILING DEMOLITION

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-3**

DRAWING NOTES

1. SUPPLY AND INSTALL NEW LIGHTING FIXTURE AS SPECIFIED. RE-USE EXISTING AND PROVIDE NEW LIGHTING CIRCUITS AS REQUIRED TO ACCOMMODATE NEW LIGHTING LAYOUT. TYPICAL WHERE SHOWN.
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7. PROVIDE NEW LIGHTING SWITCH AND PLATE AS SHOWN. CONNECT TO EXISTING LIGHTING CIRCUITS. TYPICAL WHERE SHOWN
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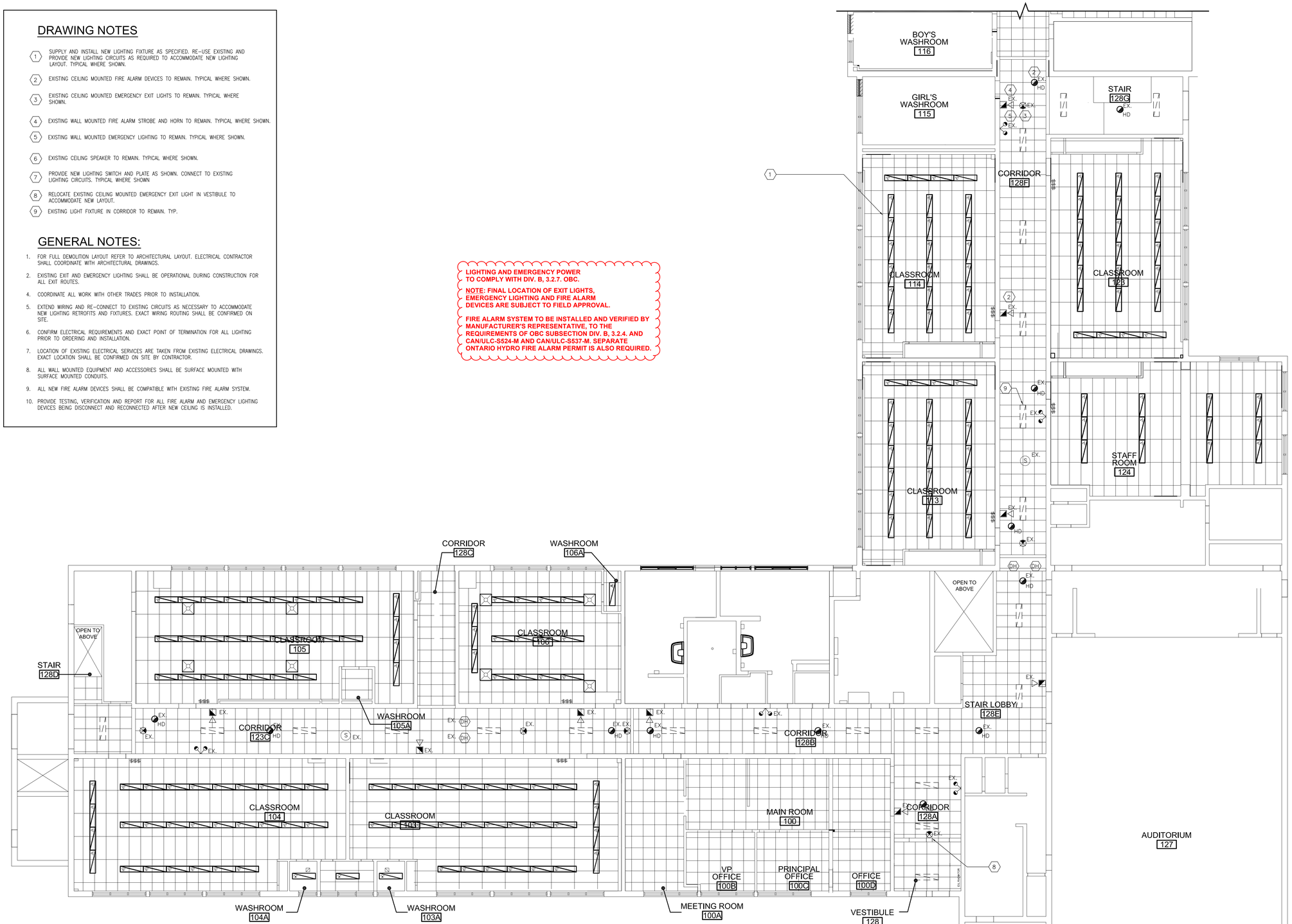
10. PROVIDE TESTING, VERIFICATION AND REPORT FOR ALL FIRE ALARM AND EMERGENCY LIGHTING DEVICES BEING DISCONNECT AND RECONNECTED AFTER NEW CEILING IS INSTALLED.

LIGHTING AND EMERGENCY POWER TO COMPLY WITH DIV. B, 3.2.7. OBC.

NOTE: FINAL LOCATION OF EXIT LIGHTS, EMERGENCY LIGHTING AND FIRE ALARM DEVICES ARE SUBJECT TO FIELD APPROVAL.

FIRE ALARM SYSTEM TO BE INSTALLED AND VERIFIED BY MANUFACTURER'S REPRESENTATIVE, TO THE REQUIREMENTS OF OBC SUBSECTION DIV. B, 3.2.4. AND CAN/ULC-S524-M AND CAN/ULC-S537-M. SEPARATE ONTARIO HYDRO FIRE ALARM PERMIT IS ALSO REQUIRED.



1 / E-4 GROUND FLOOR - NEW LAYOUT
SCALE 1:100

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR REVISED TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

PNF ENGINEERING INC.
BUILDING SERVICES ENGINEERS
4-1290 EGLINTON AVE. EAST
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T. (905) 625-5322, www.pnfeng.com

LICENCED PROFESSIONAL ENGINEER
MAR 15 / 22
Y.D.NEDEV
100138469
PROVINCE OF ONTARIO

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Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : GROUND FLOOR CEILING NEW LAYOUT

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-4**

DRAWING NOTES

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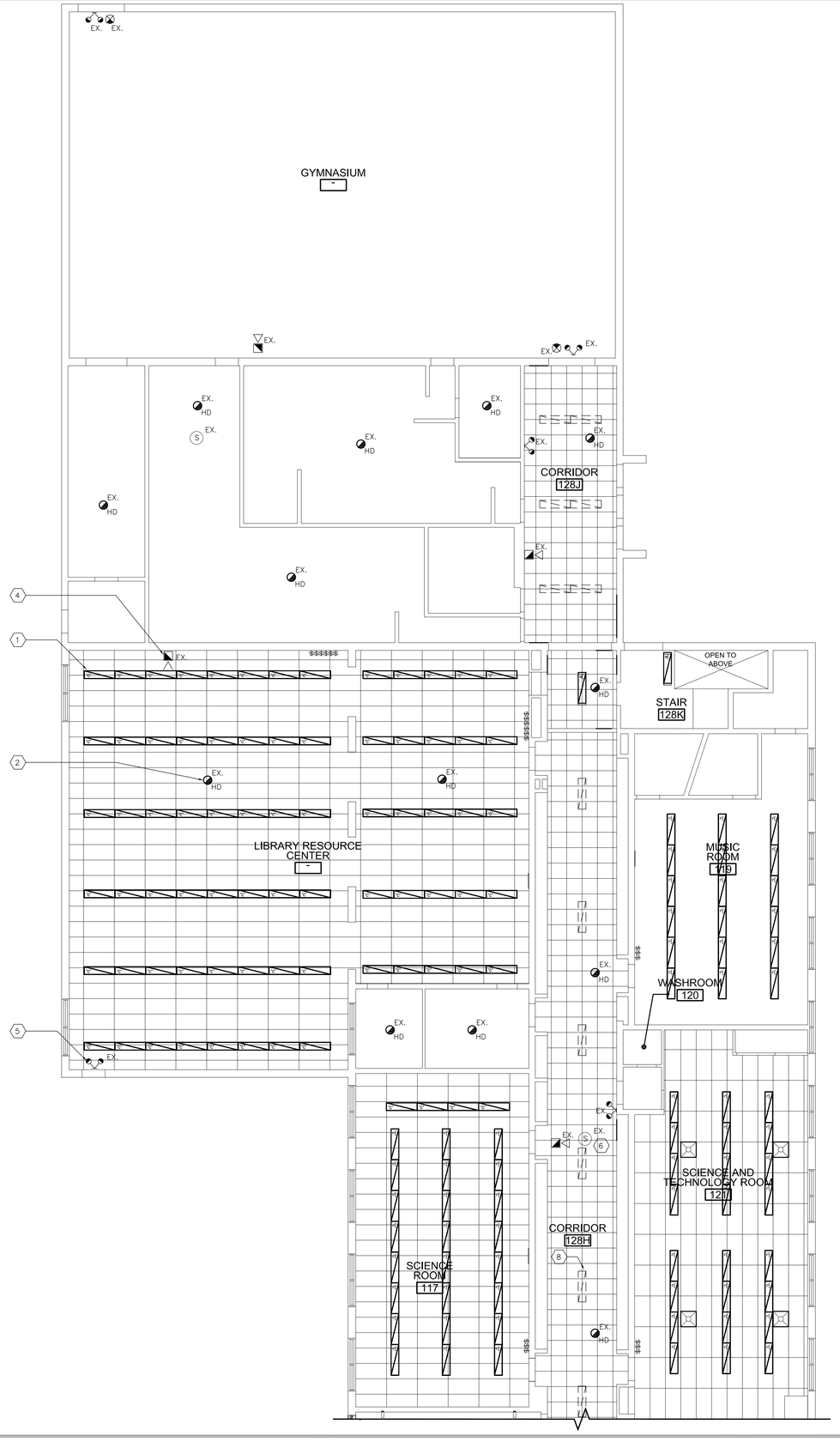

1 / E-5 GROUND FLOOR - NEW LAYOUT
SCALE 1:100

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

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Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : GROUND FLOOR CEILING NEW LAYOUT

Designed:	~~R.P.~~
Checked:	~~D.R.~~
Scale:	AS SHOWN
Date:	~~FEB~~ 2020

PNF Project No. ~~20063~~

Dwg.No. **E-5**

DRAWING NOTES

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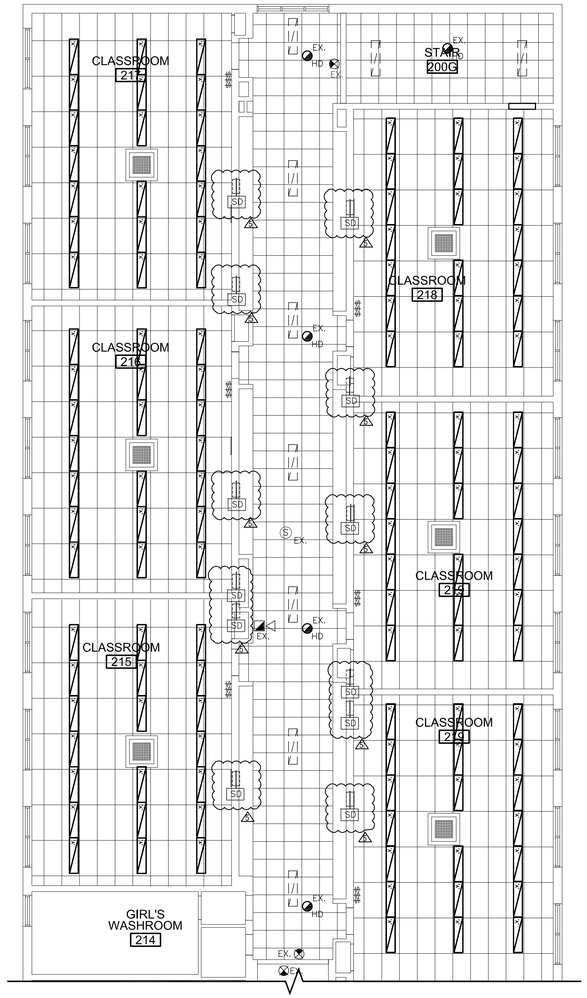

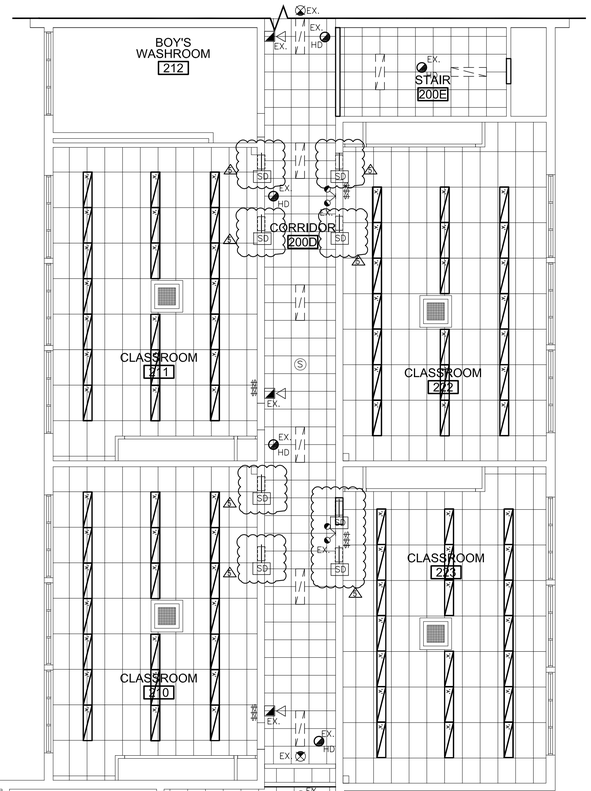

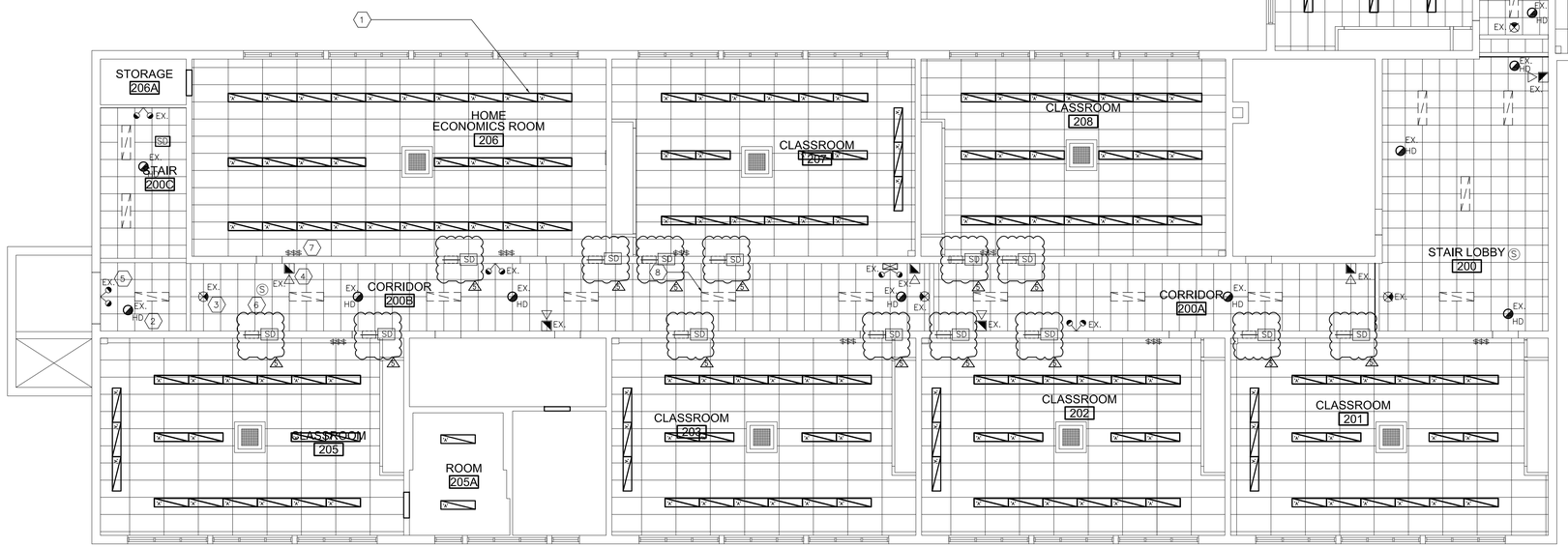

1 E-6 SECOND FLOOR - NEW LAYOUT
SCALE 1:100

DUCT SMOKE DETECTORS

PROVIDE DUCT SMOKE DETECTORS FOR COMBINATION FIRE AND SMOKE DAMPERS ON ALL SECOND FLOOR DUCTS PENETRATING CORRIDOR FIRE SEPARATIONS. COORDINATE WITH MECHANICAL TRADE FOR EXACT LOCATIONS.

NEW LIGHTING SCHEDULE

Label	Catalog Number	Description
'A'	'COOPER LIGHTING' CORELATE CONTINUA CTA OR APPROVED EQUAL	LED LUMINAIRE 1'X4' 4000K 120V INPUT SUSPENDED MOUNTED DISTRIBUTION: 75% UP / 25% DOWN SPLIT INSTALLED AT 16" BELOW CEILING HEIGHT
'B'	NOT USED	
'C'	'COOPER LIGHTING' METALUX WSNLED OR APPROVED EQUAL	PREMIUM WRAPAROUND LED LUMINAIRE 1'X4' 4000K 120V INPUT SURFACE MOUNTED

Halton District School Board

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ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
5	FOR PERMIT REVISIONS	JUNE 24, 2022
4	FOR ADDENDUM	APR 20, 2022
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

PNF ENGINEERING INC.
BUILDING SERVICES ENGINEERS
4-1290 EGLINTON AVE. EAST
MISSISSAUGA ONT. L4W 1K8
T. (905) 625-5322, www.pnfeng.com

LICENCED PROFESSIONAL ENGINEER
JUNE 24 / 22
Y.D.NEDEV
100138469
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THESE DRAWINGS ARE NOT TO BE SCALED.

Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : SECOND FLOOR CEILING NEW LAYOUT

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. E-6

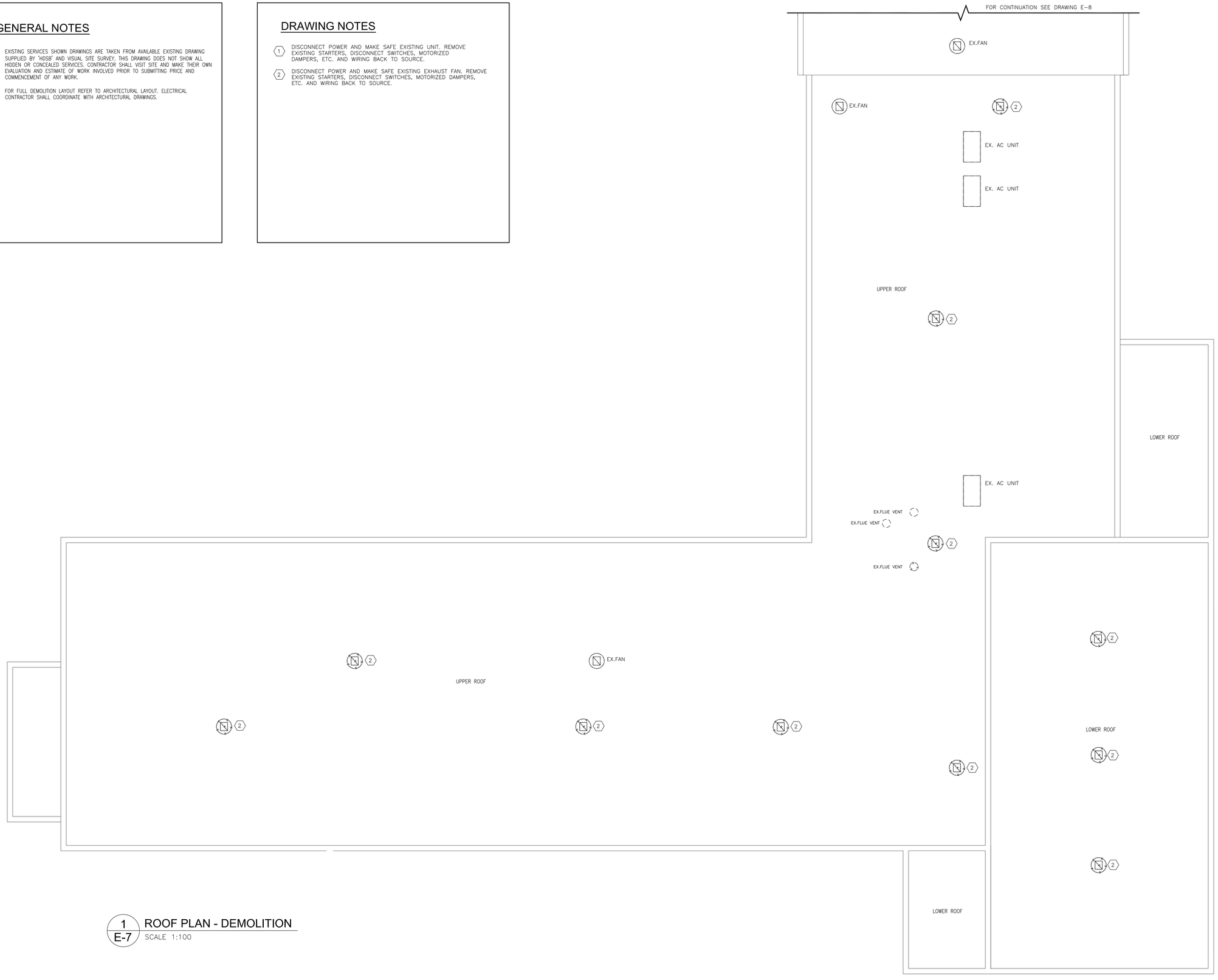
GENERAL NOTES

1. EXISTING SERVICES SHOWN DRAWINGS ARE TAKEN FROM AVAILABLE EXISTING DRAWING SUPPLIED BY 'HDSB' AND VISUAL SITE SURVEY. THIS DRAWING DOES NOT SHOW ALL HIDDEN OR CONCEALED SERVICES. CONTRACTOR SHALL VISIT SITE AND MAKE THEIR OWN EVALUATION AND ESTIMATE OF WORK INVOLVED PRIOR TO SUBMITTING PRICE AND COMMENCEMENT OF ANY WORK.
2. FOR FULL DEMOLITION LAYOUT REFER TO ARCHITECTURAL LAYOUT. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS.

DRAWING NOTES

(1) DISCONNECT POWER AND MAKE SAFE EXISTING UNIT. REMOVE EXISTING STARTERS, DISCONNECT SWITCHES, MOTORIZED DAMPERS, ETC. AND WIRING BACK TO SOURCE.

(2) DISCONNECT POWER AND MAKE SAFE EXISTING EXHAUST FAN. REMOVE EXISTING STARTERS, DISCONNECT SWITCHES, MOTORIZED DAMPERS, ETC. AND WIRING BACK TO SOURCE.



1 / E-7 ROOF PLAN - DEMOLITION
SCALE 1:100

Halton District School Board

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MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

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LICENCED PROFESSIONAL ENGINEER
MAR 15 / 22
Y.D.NEDEV
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THESE DRAWINGS ARE NOT TO BE SCALED.

Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : ROOF PLAN DEMOLITION

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-7**

GENERAL NOTES

1. EXISTING SERVICES SHOWN DRAWINGS ARE TAKEN FROM AVAILABLE EXISTING DRAWING SUPPLIED BY 'HDSB' AND VISUAL SITE SURVEY. THIS DRAWING DOES NOT SHOW ALL HIDDEN OR CONCEALED SERVICES. CONTRACTOR SHALL VISIT SITE AND MAKE THEIR OWN EVALUATION AND ESTIMATE OF WORK INVOLVED PRIOR TO SUBMITTING PRICE AND COMMENCEMENT OF ANY WORK.
2. FOR FULL DEMOLITION LAYOUT REFER TO ARCHITECTURAL LAYOUT. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS.

DRAWING NOTES

(1) DISCONNECT POWER AND MAKE SAFE EXISTING UNIT. REMOVE EXISTING STARTERS, DISCONNECT SWITCHES, MOTORIZED DAMPERS, ETC. AND WIRING BACK TO SOURCE.

(2) DISCONNECT POWER AND MAKE SAFE EXISTING EXHAUST FAN. REMOVE EXISTING STARTERS, DISCONNECT SWITCHES, MOTORIZED DAMPERS, ETC. AND WIRING BACK TO SOURCE.

1 / E-8 ROOF PLAN - DEMOLITION
SCALE 1:100

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Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : ROOF PLAN DEMOLITION

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

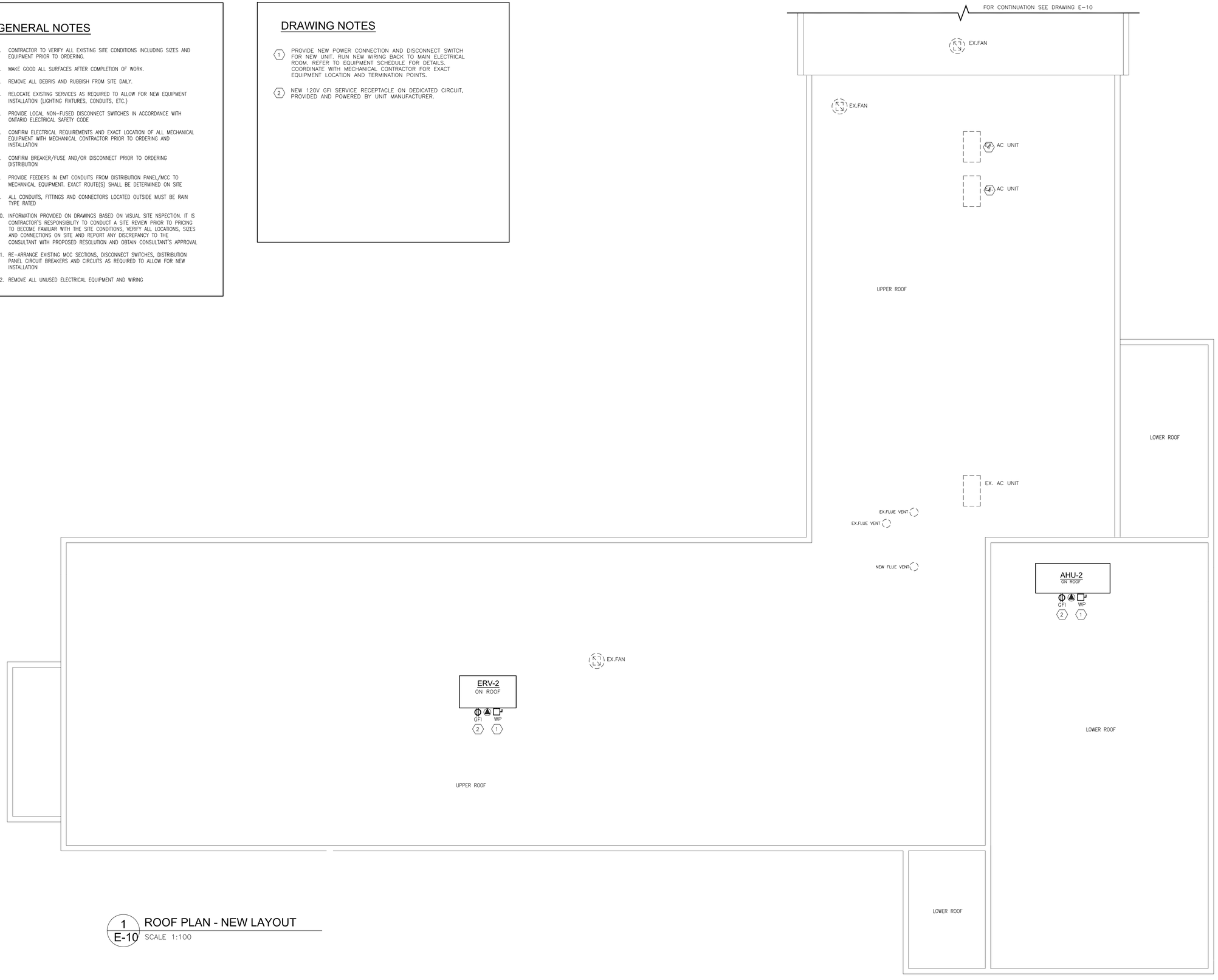
Dwg.No. **E-8**

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS INCLUDING SIZES AND EQUIPMENT PRIOR TO ORDERING.
2. MAKE GOOD ALL SURFACES AFTER COMPLETION OF WORK.
3. REMOVE ALL DEBRIS AND RUBBISH FROM SITE DAILY.
4. RELOCATE EXISTING SERVICES AS REQUIRED TO ALLOW FOR NEW EQUIPMENT INSTALLATION (LIGHTING FIXTURES, CONDUITS, ETC.)
5. PROVIDE LOCAL NON-FUSED DISCONNECT SWITCHES IN ACCORDANCE WITH ONTARIO ELECTRICAL SAFETY CODE
6. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING AND INSTALLATION
7. CONFIRM BREAKER/FUSE AND/OR DISCONNECT PRIOR TO ORDERING DISTRIBUTION
8. PROVIDE FEEDERS IN EMT CONDUITS FROM DISTRIBUTION PANEL/MCC TO MECHANICAL EQUIPMENT. EXACT ROUTE(S) SHALL BE DETERMINED ON SITE
9. ALL CONDUITS, FITTINGS AND CONNECTORS LOCATED OUTSIDE MUST BE RAIN TYPE RATED
10. INFORMATION PROVIDED ON DRAWINGS BASED ON VISUAL SITE NSPECTION. IT IS CONTRACTOR'S RESPONSIBILITY TO CONDUCT A SITE REVIEW PRIOR TO PRICING TO BECOME FAMILIAR WITH THE SITE CONDITIONS, VERIFY ALL LOCATIONS, SIZES AND CONNECTIONS ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT WITH PROPOSED RESOLUTION AND OBTAIN CONSULTANT'S APPROVAL
11. RE-ARRANGE EXISTING MCC SECTIONS, DISCONNECT SWITCHES, DISTRIBUTION PANEL CIRCUIT BREAKERS AND CIRCUITS AS REQUIRED TO ALLOW FOR NEW INSTALLATION
12. REMOVE ALL UNUSED ELECTRICAL EQUIPMENT AND WIRING

DRAWING NOTES

1. PROVIDE NEW POWER CONNECTION AND DISCONNECT SWITCH FOR NEW UNIT. RUN NEW WIRING BACK TO MAIN ELECTRICAL ROOM. REFER TO EQUIPMENT SCHEDULE FOR DETAILS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT LOCATION AND TERMINATION POINTS.
2. NEW 120V GFI SERVICE RECEPTACLE ON DEDICATED CIRCUIT, PROVIDED AND POWERED BY UNIT MANUFACTURER.



1 / E-10 ROOF PLAN - NEW LAYOUT
SCALE 1:100

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ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

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100138469
PROVINCE OF ONTARIO

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Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : ROOF PLAN NEW POWER LAYOUT

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-9**

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS INCLUDING SIZES AND EQUIPMENT PRIOR TO ORDERING.
2. MAKE GOOD ALL SURFACES AFTER COMPLETION OF WORK.
3. REMOVE ALL DEBRIS AND RUBBISH FROM SITE DAILY.
4. RELOCATE EXISTING SERVICES AS REQUIRED TO ALLOW FOR NEW EQUIPMENT INSTALLATION (LIGHTING FIXTURES, CONDUITS, ETC.)
5. PROVIDE LOCAL NON-FUSED DISCONNECT SWITCHES IN ACCORDANCE WITH ONTARIO ELECTRICAL SAFETY CODE
6. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING AND INSTALLATION
7. CONFIRM BREAKER/FUSE AND/OR DISCONNECT PRIOR TO ORDERING DISTRIBUTION
8. PROVIDE FEEDERS IN EMT CONDUITS FROM DISTRIBUTION PANEL/MCC TO MECHANICAL EQUIPMENT. EXACT ROUTE(S) SHALL BE DETERMINED ON SITE
9. ALL CONDUITS, FITTINGS AND CONNECTORS LOCATED OUTSIDE MUST BE RAIN TYPE RATED
10. INFORMATION PROVIDED ON DRAWINGS BASED ON VISUAL SITE NSPECTION. IT IS CONTRACTOR'S RESPONSIBILITY TO CONDUCT A SITE REVIEW PRIOR TO PRICING TO BECOME FAMILIAR WITH THE SITE CONDITIONS, VERIFY ALL LOCATIONS, SIZES AND CONNECTIONS ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT WITH PROPOSED RESOLUTION AND OBTAIN CONSULTANT'S APPROVAL
11. RE-ARRANGE EXISTING MCC SECTIONS, DISCONNECT SWITCHES, DISTRIBUTION PANEL CIRCUIT BREAKERS AND CIRCUITS AS REQUIRED TO ALLOW FOR NEW INSTALLATION
12. REMOVE ALL UNUSED ELECTRICAL EQUIPMENT AND WIRING

DRAWING NOTES

1. PROVIDE NEW POWER CONNECTION AND DISCONNECT SWITCH FOR NEW UNIT. RUN NEW WIRING BACK TO MAIN ELECTRICAL ROOM. REFER TO EQUIPMENT SCHEDULE FOR DETAILS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT LOCATION AND TERMINATION POINTS.
2. NEW 120V GFI SERVICE RECEPTACLE ON DEDICATED CIRCUIT, PROVIDED AND POWERED BY UNIT MANUFACTURER.

1 / E-10 ROOF PLAN - NEW LAYOUT
SCALE 1:100

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3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
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Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : ROOF PLAN NEW POWER LAYOUT

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

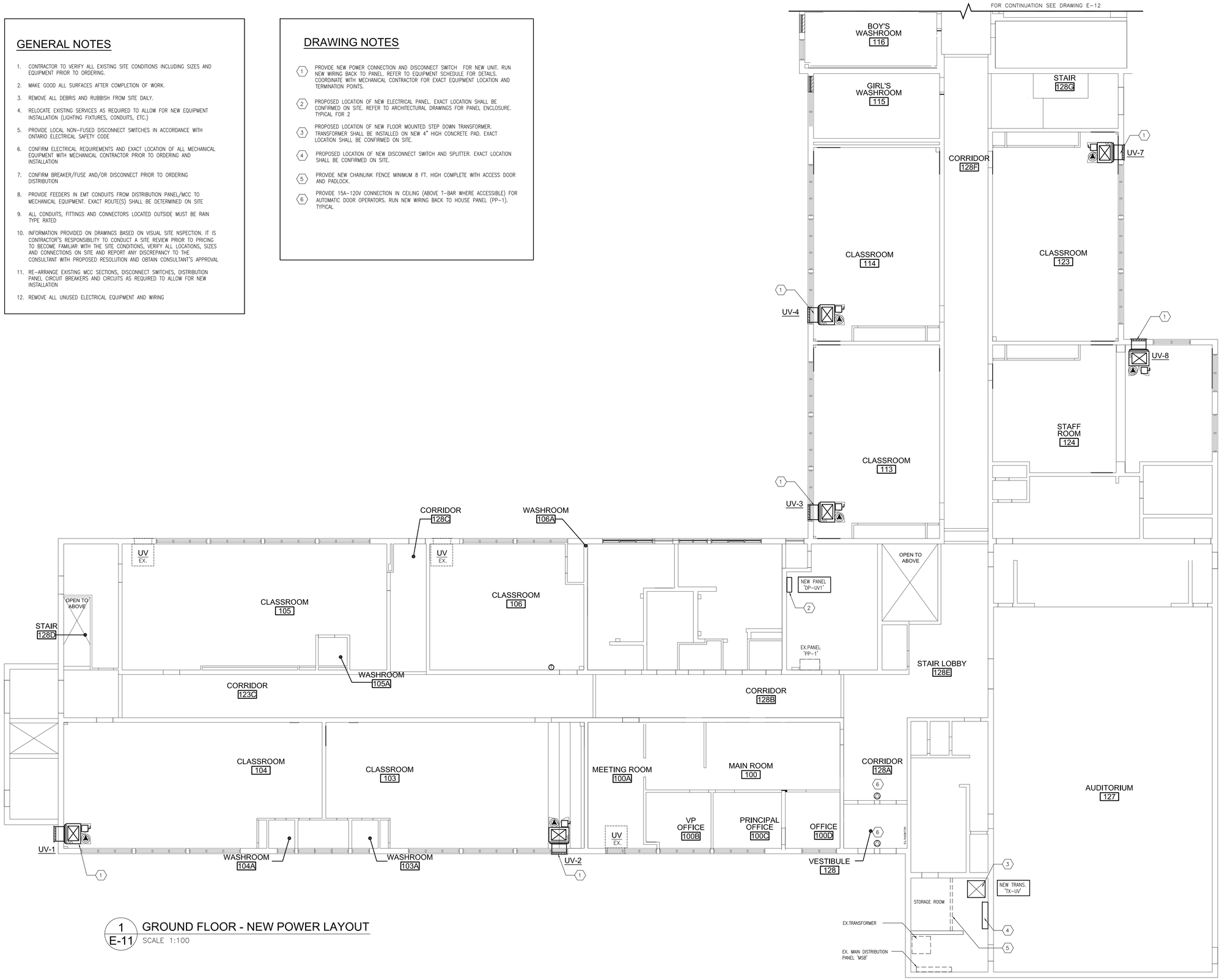
Dwg.No. **E-10**

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS INCLUDING SIZES AND EQUIPMENT PRIOR TO ORDERING.
2. MAKE GOOD ALL SURFACES AFTER COMPLETION OF WORK.
3. REMOVE ALL DEBRIS AND RUBBISH FROM SITE DAILY.
4. RELOCATE EXISTING SERVICES AS REQUIRED TO ALLOW FOR NEW EQUIPMENT INSTALLATION (LIGHTING FIXTURES, CONDUITS, ETC.)
5. PROVIDE LOCAL NON-FUSED DISCONNECT SWITCHES IN ACCORDANCE WITH ONTARIO ELECTRICAL SAFETY CODE
6. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING AND INSTALLATION
7. CONFIRM BREAKER/FUSE AND/OR DISCONNECT PRIOR TO ORDERING DISTRIBUTION
8. PROVIDE FEEDERS IN EMT CONDUITS FROM DISTRIBUTION PANEL/MCC TO MECHANICAL EQUIPMENT. EXACT ROUTE(S) SHALL BE DETERMINED ON SITE
9. ALL CONDUITS, FITTINGS AND CONNECTORS LOCATED OUTSIDE MUST BE RAIN TYPE RATED
10. INFORMATION PROVIDED ON DRAWINGS BASED ON VISUAL SITE NSPECTION. IT IS CONTRACTOR'S RESPONSIBILITY TO CONDUCT A SITE REVIEW PRIOR TO PRICING TO BECOME FAMILIAR WITH THE SITE CONDITIONS, VERIFY ALL LOCATIONS, SIZES AND CONNECTIONS ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT WITH PROPOSED RESOLUTION AND OBTAIN CONSULTANT'S APPROVAL
11. RE-ARRANGE EXISTING MCC SECTIONS, DISCONNECT SWITCHES, DISTRIBUTION PANEL CIRCUIT BREAKERS AND CIRCUITS AS REQUIRED TO ALLOW FOR NEW INSTALLATION
12. REMOVE ALL UNUSED ELECTRICAL EQUIPMENT AND WIRING

DRAWING NOTES

1. PROVIDE NEW POWER CONNECTION AND DISCONNECT SWITCH FOR NEW UNIT. RUN NEW WIRING BACK TO PANEL. REFER TO EQUIPMENT SCHEDULE FOR DETAILS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT LOCATION AND TERMINATION POINTS.
2. PROPOSED LOCATION OF NEW ELECTRICAL PANEL. EXACT LOCATION SHALL BE CONFIRMED ON SITE. REFER TO ARCHITECTURAL DRAWINGS FOR PANEL ENCLOSURE. TYPICAL FOR 2
3. PROPOSED LOCATION OF NEW FLOOR MOUNTED STEP DOWN TRANSFORMER. TRANSFORMER SHALL BE INSTALLED ON NEW 4" HIGH CONCRETE PAD. EXACT LOCATION SHALL BE CONFIRMED ON SITE.
4. PROPOSED LOCATION OF NEW DISCONNECT SWITCH AND SPLITTER. EXACT LOCATION SHALL BE CONFIRMED ON SITE.
5. PROVIDE NEW CHAINLINK FENCE MINIMUM 8 FT. HIGH COMPLETE WITH ACCESS DOOR AND PADLOCK.
6. PROVIDE 15A-120V CONNECTION IN CEILING (ABOVE T-BAR WHERE ACCESSIBLE) FOR AUTOMATIC DOOR OPERATORS. RUN NEW WIRING BACK TO HOUSE PANEL (PP-1). TYPICAL



1 / E-11 GROUND FLOOR - NEW POWER LAYOUT
SCALE 1:100

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
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LICENSED PROFESSIONAL ENGINEER
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Y.D.NEDEV
100138469
PROVINCE OF ONTARIO

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THESE DRAWINGS ARE NOT TO BE SCALED.

Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : GROUND FLOOR NEW POWER LAYOUT

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-11**

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS INCLUDING SIZES AND EQUIPMENT PRIOR TO ORDERING.
2. MAKE GOOD ALL SURFACES AFTER COMPLETION OF WORK.
3. REMOVE ALL DEBRIS AND RUBBISH FROM SITE DAILY.
4. RELOCATE EXISTING SERVICES AS REQUIRED TO ALLOW FOR NEW EQUIPMENT INSTALLATION (LIGHTING FIXTURES, CONDUITS, ETC.)
5. PROVIDE LOCAL NON-FUSED DISCONNECT SWITCHES IN ACCORDANCE WITH ONTARIO ELECTRICAL SAFETY CODE
6. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING AND INSTALLATION
7. CONFIRM BREAKER/FUSE AND/OR DISCONNECT PRIOR TO ORDERING DISTRIBUTION
8. PROVIDE FEEDERS IN EMT CONDUITS FROM DISTRIBUTION PANEL/MCC TO MECHANICAL EQUIPMENT. EXACT ROUTE(S) SHALL BE DETERMINED ON SITE
9. ALL CONDUITS, FITTINGS AND CONNECTORS LOCATED OUTSIDE MUST BE RAIN TYPE RATED
10. INFORMATION PROVIDED ON DRAWINGS BASED ON VISUAL SITE NSPECTION. IT IS CONTRACTOR'S RESPONSIBILITY TO CONDUCT A SITE REVIEW PRIOR TO PRICING TO BECOME FAMILIAR WITH THE SITE CONDITIONS, VERIFY ALL LOCATIONS, SIZES AND CONNECTIONS ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT WITH PROPOSED RESOLUTION AND OBTAIN CONSULTANT'S APPROVAL
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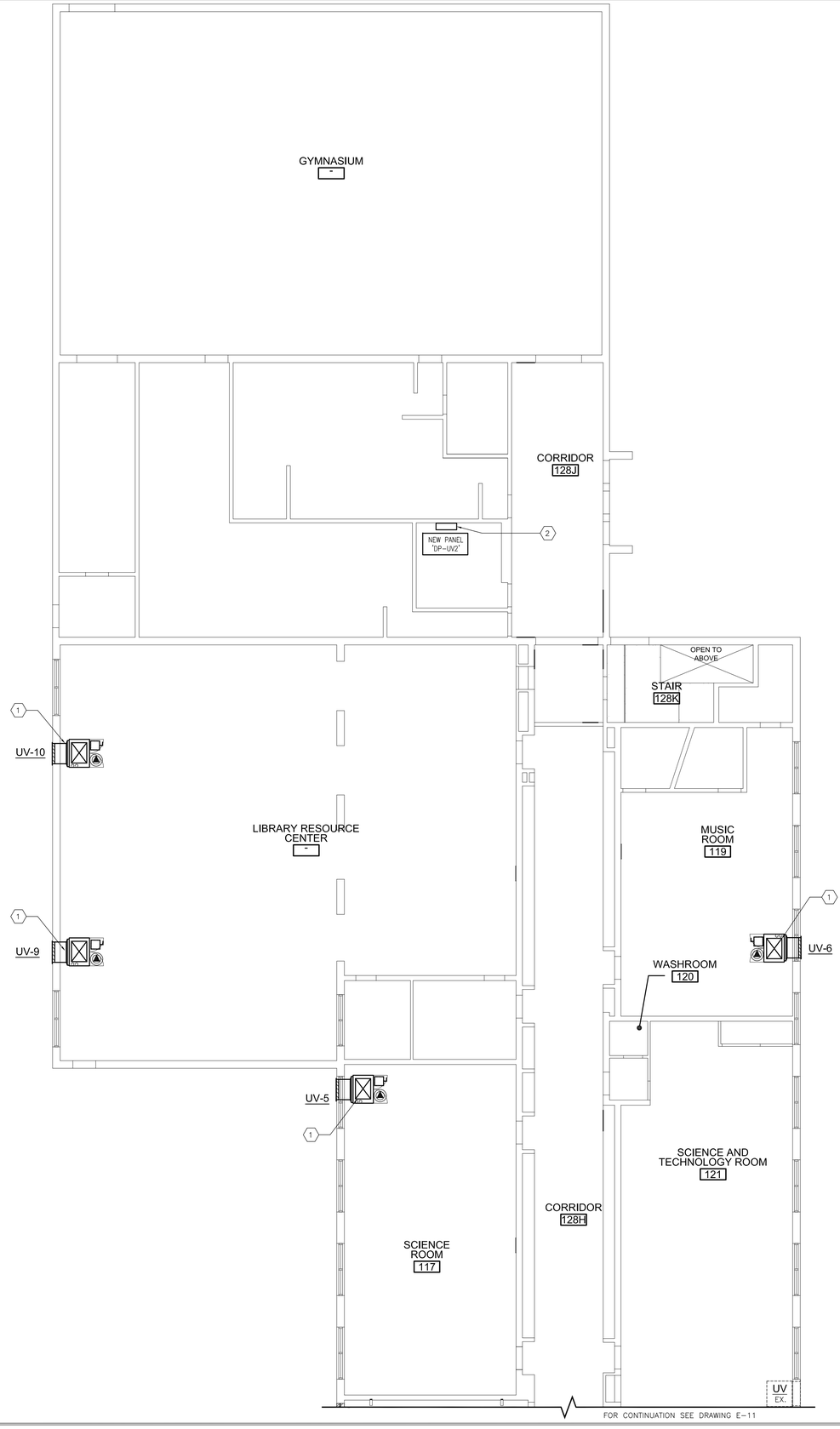
12. REMOVE ALL UNUSED ELECTRICAL EQUIPMENT AND WIRING

DRAWING NOTES

1. PROVIDE NEW POWER CONNECTION AND DISCONNECT SWITCH FOR NEW UNIT. RUN NEW WIRING BACK TO PANEL. REFER TO EQUIPMENT SCHEDULE FOR DETAILS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT LOCATION AND TERMINATION POINTS.
2. PROPOSED LOCATION OF NEW ELECTRICAL PANEL. EXACT LOCATION SHALL BE CONFIRMED ON SITE. TYPICAL FOR 2
3. PROPOSED LOCATION OF NEW STEP DOWN TRANSFORMER. EXACT LOCATION SHALL BE CONFIRMED ON SITE.
4. PROVIDE 15A-120V CONNECTION IN CEILING (ABOVE T-BAR WHERE ACCESSIBLE) FOR AUTOMATIC DOOR OPERATORS. RUN NEW WIRING BACK TO HOUSE PANEL. TYPICAL



1 / E-12 GROUND FLOOR - NEW POWER LAYOUT
SCALE 1:100

Halton District School Board

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BUILDING DEPARTMENT

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THESE DRAWINGS ARE NOT TO BE SCALED.

Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : GROUND FLOOR NEW POWER LAYOUT

Designed:	R.P.
Checked:	D.R.
Scale:	AS SHOWN
Date:	FEB 2020

PNF Project No. 20041

Dwg.No. **E-12**

MECHANICAL EQUIPMENT SCHEDULE

TAG	DESCRIPTION	LOCATION	HP	MCA (A)	VOLTS	PHASE	FEED FROM	MOP (A)	POLES	CONDUCTOR SIZE	CONDUIT SIZE	REMARKS
AHU-1	AHU	ROOF	–	61.4	575	3	MAIN ELECTRICAL ROOM	70	3	4#4	2"	
AHU-2	AHU	ROOF	–	61.4	575	3	MAIN ELECTRICAL ROOM	70	3	4#4	2"	
ERV-1	ERV	ROOF	–	30.0	575	3	MAIN ELECTRICAL ROOM	35	3	4#10	1"	
ERV-2	ERV	ROOF	–	26.4	575	3	MAIN ELECTRICAL ROOM	30	3	4#10	1"	
UV-1	UNIT VENTILATOR	CLASSROOM	1/2	16.7	208	3	PANEL 'UV-1'	20	3	4#12	3/4"	
UV-2	UNIT VENTILATOR	CLASSROOM	1/2	16.7	208	3	PANEL 'UV-1'	20	3	4#12	3/4"	
UV-3	UNIT VENTILATOR	CLASSROOM	1/2	16.7	208	3	PANEL 'UV-1'	20	3	4#12	3/4"	
UV-4	UNIT VENTILATOR	CLASSROOM	1/2	16.7	208	3	PANEL 'UV-1'	20	3	4#12	3/4"	
UV-5	UNIT VENTILATOR	CLASSROOM	1/2	16.7	208	3	PANEL 'UV-1'	20	3	4#12	3/4"	
UV-6	UNIT VENTILATOR	CLASSROOM	1/2	16.7	208	3	PANEL 'UV-1'	20	3	4#12	3/4"	
UV-7	UNIT VENTILATOR	CLASSROOM	1/2	16.7	208	3	PANEL 'UV-1'	20	3	4#12	3/4"	
UV-8	UNIT VENTILATOR	CLASSROOM	1/2	16.7	208	3	PANEL 'UV-2'	20	3	4#12	3/4"	
UV-9	UNIT VENTILATOR	LIBRARY	3/4	28.0	208	3	PANEL 'UV-2'	40	3	4#8	1-1/2"	
UV-10	UNIT VENTILATOR	LIBRARY	3/4	28.0	208	3	PANEL 'UV-2'	40	3	4#8	1-1/2"	
B-1	BOILER	BOILER ROOM	–	10	120	1	HOUSE PANEL IN BOILER ROOM	20	1	2#12	3/4"	
P-1	PRIMARY LOOP PUMP	BOILER ROOM	2	–	230	1	HOUSE PANEL IN BOILER ROOM	20	2	2#12	3/4"	
P-2 (STAND-BY)	PRIMARY LOOP PUMP	BOILER ROOM	2	–	230	1	HOUSE PANEL IN BOILER ROOM	20	2	2#12	3/4"	
P-3	HEATING PUMP	BOILER ROOM	5	–	575	3	ELECTRICAL ROOM	15	3	3#12	3/4"	
P-4 (STAND-BY)	HEATING PUMP	BOILER ROOM	5	–	575	3	ELECTRICAL ROOM	15	3	3#12	3/4"	
BP-1	BOILER PUMP	BOILER ROOM	2	–	230	1	HOUSE PANEL IN BOILER ROOM	15	2	2#12	3/4"	

1. PROVIDE LOCAL NON-FUSED DISCONNECT SWITCHES IN ACCORDANCE WITH LATEST EDITION OF ONTARIO ELECTRICAL SAFETY CODE
2. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING AND INSTALLATION.
3. CONFIRM BREAKER/FUSE AND/OR DISCONNECT PRIOR TO ORDERING.
4. PROVIDE FEEDERS IN EMT CONDUITS FROM DISTRIBUTION PANEL/MCC TO MECHANICAL EQUIPMENT. EXACT ROUTE(S) SHALL BE DETERMINED ON SITE.
5. ALL FINAL CONNECTIONS TO MECHANICAL EQUIPMENT SHALL BE IN LIQUID TIGHT FLEXIBLE CONDUIT.
6. INFORMATION PROVIDED ON DRAWINGS BASED ON VISUAL SITE INSPECTION. IT IS CONTRACTOR'S RESPONSIBILITY TO CONDUCT A SITE REVIEW PRIOR TO PRICING TO BECOME FAMILIAR WITH THE SITE CONDITIONS, VERIFY ALL LOCATIONS, SIZES AND CONNECTIONS ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT WITH PROPOSED RESOLUTION AND OBTAIN CONSULTANT'S APPROVAL.
7. RE-ARRANGE EXISTING DISCONNECT SWITCHES, DISTRIBUTION PANEL CIRCUIT BREAKERS AND CIRCUITS AS REQUIRED TO ALLOW FOR NEW INSTALLATION.
8. REMOVE ALL REDUNDANT EQUIPMENT AND WIRING.
9. RELOCATE EXISTING SERVICES TO ALLOW FOR NEW EQUIPMENT INSTALLATION.

NEW DISTIBURTION PANEL
'DP-UV1'

- 120/208V/3 PHΔW, 225 A
- SURFACE MOUNTED
- INSULATED GROUND BUS C/W MAIN BREAKER

DESCRIPTION	LOAD	BKR	CCT		CCT	BKR	LOAD	DESCRIPTION
UV-1		20/3P	1	A	2	20/3P		UV-3
			3	B	4			
			5	C	6			
UV-2		20/3P	7	A	8	20/3P		UV-4
			9	B	10			
			11	C	12			
UV-5		20/3P	13	A	14	20/3P		UV-6
			15	B	16			
			17	C	18			
BAS CONNECTION		15	19	A	20	15		BAS CONNECTION
BAS CONNECTION		15	21	B	22	15		BAS CONNECTION
SPARE		15	23	C	24	15		SPARE
SPARE		15	25	A	26	15		SPARE
			27	B	28			
			29	C	30			

NOTES:

EXACT CIRCUIT BREAKER AND POWER REQUIREMENT FOR UNIT VENTILATORS SHALL BE CONFIRMED WITH EQUIPMENT MANUFACTURER

NEW DISTIBURTION PANEL
'DP-UV2'

- 120/208V/3 PHΔW, 225 A
- SURFACE MOUNTED
- INSULATED GROUND BUS C/W MAIN BREAKER

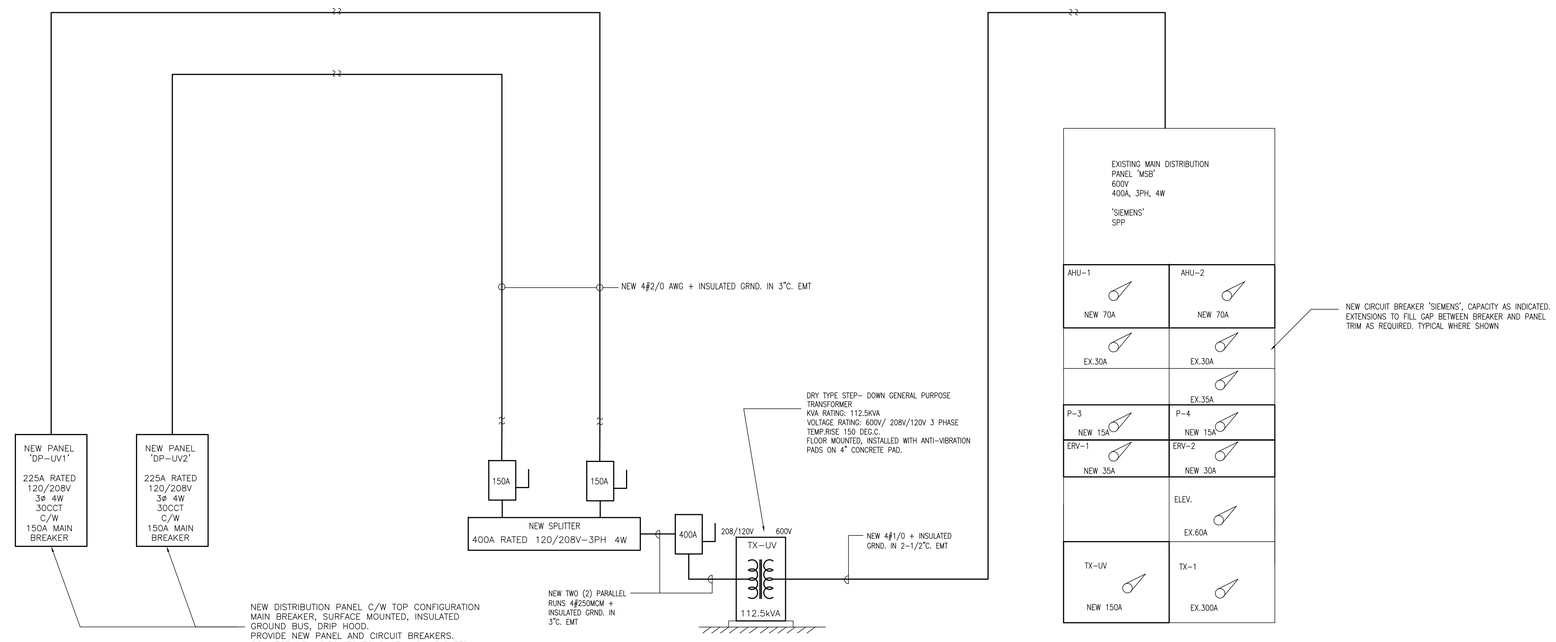
DESCRIPTION	LOAD	BKR	CCT		CCT	BKR	LOAD	DESCRIPTION
UV-7		20/3P	1	A	2	20/3P		UV-8
			3	B	4			
			5	C	6			
UV-9		45/3P	7	A	8	45/3P		UV-10
			9	B	10			
			11	C	12			
BAS CONNECTION		15	13	A	14	15		BAS CONNECTION
BAS CONNECTION		15	15	B	16	15		BAS CONNECTION
SPARE		15	17	C	18	15		SPARE
SPARE		15	19	A	20	15		SPARE
			21	B	22			
			23	C	24			
			25	A	26			
			27	B	28			
			29	C	30			

NOTES:

EXACT CIRCUIT BREAKER AND POWER REQUIREMENT FOR UNIT VENTILATORS SHALL BE CONFIRMED WITH EQUIPMENT MANUFACTURER

NOTES

1. DISTRIBUTION PANELS SHALL BE INSTALLED ON 3/4" FIRE RETARDANT PLYWOOD BOARD.
2. FOR SPRINKLED AREAS USE PANELS C/W DRIP HOOD. ANY CONDUIT PENETRATIONS ON THE TOP OF PANEL SHALL BE C/W LIQUID TIGHT FITTINGS.
3. PANEL SCHEDULE SHOWN IS DIAGRAMATIC ONLY. CONTRACTOR TO REARRANGE CIRCUITS AS NECESSARY TO BALANCE PHASES WITHIN 5%BETWEEN.
4. EACH PANEL BOARD SHALL BE COMPLETE WITH A DIRECTORY GIVING THE NUMBER AND DESCRIPTION OF EACH CIRCUIT CONTROLLED. THE DIRECTORIES SHALL BE CLEARLY TYPED, LEGIBLE AND OF SAMPLE SIZE AND SHALL BE MOUNTED IN A METAL FRAME WITH A CLEAR PLASTIC COVER ON THE INSIDE OF THE DOOR.



EXISTING ELECTRICAL SERVICE - MODIFICATION
N.T.S.

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

PNF ENGINEERING INC.
BUILDING SERVICES ENGINEERS
4-1290 EGLINTON AVE. EAST
MISSISSAUGA ONT. L4W 1K8
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LICENSED PROFESSIONAL ENGINEER
MAR 15 / 22
Y.D.NEDEV
100138469
PROVINCE OF ONTARIO

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Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : EQUIPMENT SCHEDULE AND SINGLE LINE DIAGRAM

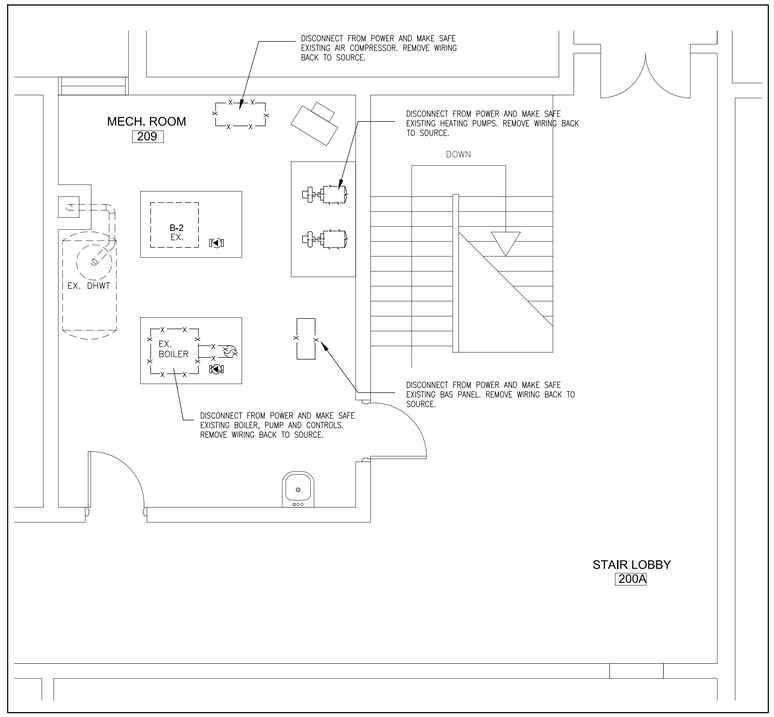
Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

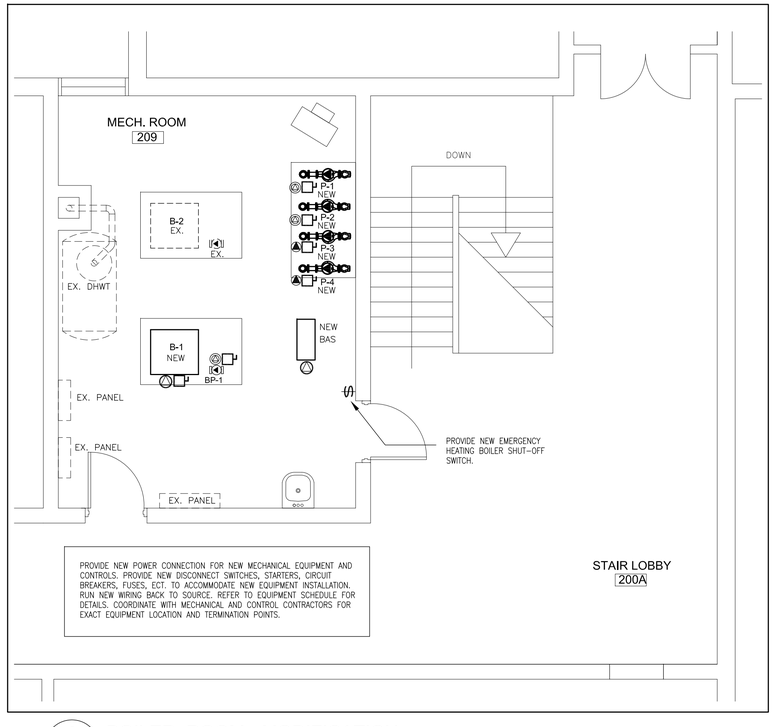
Dwg.No. **E-13**

ELECTRICAL NOTES:

1. FOR NEW MECHANICAL EQUIPMENT PROVIDE LOCAL NON-FUSED DISCONNECT SWITCHES IN ACCORDANCE WITH ONTARIO ELECTRICAL SAFETY CODE.
2. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING AND INSTALLATION.
3. CONFIRM BREAKER/FUSE AND/OR DISCONNECT PRIOR TO ORDERING DISTRIBUTION.
4. PROVIDE FEEDERS IN EMT CONDUITS FROM DISTRIBUTION PANEL TO MECHANICAL EQUIPMENT. EXACT ROUTE(S) SHALL BE DETERMINED ON SITE.
5. INFORMATION PROVIDED ON DRAWINGS BASED ON VISUAL SITE INSPECTION. IT IS CONTRACTOR'S RESPONSIBILITY TO CONDUCT A SITE REVIEW PRIOR TO PRICING TO BECOME FAMILIAR WITH THE SITE CONDITIONS, VERIFY ALL LOCATIONS, SIZES AND CONNECTIONS ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT WITH PROPOSED RESOLUTION AND OBTAIN CONSULTANT'S APPROVAL.
6. RE-ARRANGE EXISTING DISCONNECT SWITCHES, DISTRIBUTION PANEL CIRCUIT BREAKERS AND CIRCUITS AS REQUIRED TO ALLOW FOR NEW INSTALLATION.
7. REMOVE ALL UNUSED ELECTRICAL WIRING AND CONDUITS.



1 E-14 BOILER ROOM - DEMOLITION
SCALE 1:50



2 E-14 BOILER ROOM - MODIFICATION
SCALE 1:50

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

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Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : BOILER ROOM UPGRADE

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-14**

ELECTRICAL SPECIFICATION

1. PROVIDE EACH ITEM MENTIONED OR INDICATED OF QUALITY AND SUBJECT TO QUALIFICATIONS NOTED; PERFORM ACCORDING TO CONDITIONS STATED EACH OPERATION PRESCRIBED; AND PROVIDE THEREFORE ALL LABOUR, MATERIAL, EQUIPMENT, INCIDENTALS AND SERVICES REQUIRED TO COMPLETE THE INSTALLATION.
2. EXAMINE THE SITE, EXISTING EQUIPMENT AND THE LOCAL CONDITIONS AFFECTING THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY FOR ANY OBVIOUS CONSIDERATIONS OVERLOOKED. DISCREPANCIES SHALL BE REPORTED IMMEDIATELY.
3. AFTER THE WORK IS COMPLETE BUT BEFORE FINAL PAYMENT, GIVE THE OWNER A WRITTEN GUARANTEE THAT YOU WILL, AT NO CHARGE TO THE OWNER, REPLACE OR REPAIR ANY DEFECTS IN WORKMANSHIP AND MATERIALS NOTED DUE, IN THE OPINION OF THE ARCHITECT TO MISUSE OR NEGLECT. GUARANTEE SHALL COVER A PERIOD OF 12 MONTHS FROM THE DATE OF ACCEPTANCE OF THE WORK BY THE ARCHITECT.

   THIS GUARANTEE SHALL IN NO WAY SUPPLANT ANY OTHER GUARANTEE OR GUARANTEES OF LONGER PERIOD, BUT SHALL BE BINDING ON ALL OTHER WORK NOT OTHERWISE COVERED.
4. ALL WORK SHALL COMPLY STRICTLY TO THE REQUIREMENTS OF THE LATEST EDITIONS OF THE CANADIAN ELECTRICAL "CSA" CODE AS ADOPTED AND AMENDED BY PROVINCIAL REGULATIONS AND THE BUILDING CODE. THESE CODES AND ANY ADDITIONAL REQUIREMENTS OF THE POWER UTILITY SHALL FORM AN INTEGRAL PART OF THIS SPECIFICATION. ALL EQUIPMENT SHALL BE CSA APPROVED. WHERE DRAWING CALLS FOR EQUIPMENT, WIRING OR OTHER REQUIREMENTS EXCEEDING THE MINIMUM REQUIREMENTS OF THE CODE, THE DRAWING SHALL BE FOLLOWED.
5. BEFORE STARTING ANY WORK, SUBMIT THE REQUIRED NUMBER OF COPIES OF THE ELECTRICAL DRAWING TO THE POWER AUTHORITY ELECTRICAL INSPECTION DEPARTMENT REGIONAL OFFICE, FOR THEIR APPROVAL AND COMMENTS.
6. PAY ALL FEES FOR EXAMINATION OF DRAWING AND OBTAIN ALL PERMITS REQUIRED AND PAY ALL PERMIT AND INSPECTION FEES.
7. ARRANGE FOR INSPECTION OF ALL WORK BY THE POWER AUTHORITY INSPECTION DEPARTMENT. ON COMPLETION OF THE WORK, PRESENT TO THE OWNER THE FINAL UNCONDITIONAL CERTIFICATE OF APPROVAL.
8. ON AWARD OF CONTRACT, SUBMIT FOR REVIEW LIST OF DELIVERY DATES AND SHOP DRAWINGS FOR ALL EQUIPMENT.
9. SCHEDULE AND CO-ORDINATE ALL WORK WITH OTHER TRADES.
10. EQUIPMENT SUPPLIED SHALL BE NEW, FREE OF OBJECTIONABLE NOISE AND VIBRATIONS.
11. TENANT SHALL HAVE TEMPORARY USE OF INSTALLATION PRIOR TO FINAL ACCEPTANCE.
12. ALL CLAIMS FOR EXTRAS SHALL BE SUPPORTED BY WRITTEN AUTHORIZATION AND ITEMIZED MATERIAL AND LABOUR COST BREAKDOWNS.
13. ALL NEW AND EXISTING ELECTRICAL EQUIPMENT MOUNTED AND CONNECTED BY THIS CONTRACTOR, WHETHER SUPPLIED BY HIM OR NOT, SHALL BE IDENTIFIED BY MEANS OF PLASTIC NAMEPLATES. THESE NAMEPLATES SHALL BE FASTENED WITH SCREWS AND MUST ALSO INDICATE THE SOURCE OF SUPPLY TO THE EQUIPMENT.
14. WIRING SHALL BE CONCEALED WHERE POSSIBLE. ALL EXPOSED WIRING SHALL BE RUN IN EMT OR RIGID CONDUIT AS REQUIRED BY CODE OR IN WIREMOLD IN FINISHED AREAS. BX CABLE MAY BE USED IN HOLLOW PARTITIONS OR SUSPENDED CEILINGS. MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER TO 70'– #10 TO 125' CONDUIT TO BE RUN PARALLEL TO BUILDING LINES
    BRANCH WIRING UP TO AND INCLUDING #8 TO BE SOLID, LARGER THAN #8 TO BE STRANDED. ALL BRANCH WIRE TO BE APPROVED FOR 600 VOLTS.
15. EXPLOSIVE FASTENERS SHALL NOT BE USED WITHOUT PRIOR WRITTEN APPROVAL FROM THE LANDLORD.
16. FLUORESCENT AND INCANDESCENT LIGHTING FIXTURES SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS. DO NOT RELY ON CEILING FOR SUPPORT.
17. LIGHT SWITCHES SHALL BE AS FOLLOWS: (SILENT ACTUATING)
    SINGLE POLE, TOGGLE TYPE – LEVITON SERIES 18221 WHITE OR EQUAL. 347 VOLT.
    SINGLE POLE, TOGGLE TYPE – LEVITON SERIES 1221 WHITE OR EQUAL. 120 VOLT.
    THREE WAY TOGGLE – LEVITON 1223
    DIMMERS TO BE 'LEVITON' SLIDING TYPE.
    MOUNT SWITCHES AT 48" AFF UNLESS OTHERWISE NOTED.
18. DUPLEX RECEPTACLES SHALL BE HUBBELL CAT.#5252 BLACK OR EQUAL, MOUNTED AT 12" AFF. UNLESS OTHERWISE NOTED.
19. COVERPLATES FOR RECEPTACLES AND SWITCHES SHALL BE STAINLESS STEEL, SMITH & STONE OR EQUAL.
20. RECEPTACLES FOR COMPUTER TERMINALS SHALL HAVE ISOLATED GROUND WITH SEPARATE INSULATED GROUND WIRE DIRECT TO GROUND IN DISTRIBUTION PANEL. PROVIDE SEPARATE NEUTRAL CONDUCTOR AS WELL. RECEPTACLES SHALL BE ORANGE.
21. DISCONNECT SWITCHES SHALL BE TYPE A, HORSEPOWER RATED. "SWITCHMATIC" BY FPE OR EQUAL BY WESTINGHOUSE OR ITE.
    FUSES SHALL BE HRC FORM 1. FUSES PROTECTING MOTORS OR TRANSFORMERS SHALL BE "FUSETRON" OR EQUAL.
22. SUPPLY AND INSTALL EMPTY CONDUIT C/W NYLON PULLSTRING, OUTLETS, BACKBOARDS, PULL BOXES AND WIRING FOR BELL TELEPHONE CABLES AND EQUIPMENT.
23. ALL MATERIAL SHALL BE STORED NEATLY AND OUT OF THE WAY. CLEAN UP DAILY ALL REFUSE CAUSED BY WORK. AT COMPLETION OF PROJECT CLEAN ALL FIXTURES AND EQUIPMENT.
24. PROVIDE TEMPORARY POWER AND LIGHTING FOR CONSTRUCTION WHEN REQUIRED. ONE LAMP SOCKET AND 150W LAMP PER EVERY 400 SQUARE FEET AND ONE POWER OUTLET FOR EVERY 1500 SQUARE FEET OR AREA.
25. LIGHTING PANELS
    LIGHTING PANELS SHALL BE OF THE TYPE AND SIZE INDICATED WITH THE NUMBER OF BRANCH CIRCUITS AS SHOWN ON THE DRAWINGS. PANELS MUST BE LOCKABLE.

    PANELS SHALL BE PANELBOARD TYPE WITH TOGGLE TYPE, BOLT–IN BREAKERS, AS MANUFACTURED BY CUTLER HAMMER, FEDERAL PIONEER "NBLP", WESTINGHOUSE OR APPROVED EQUAL.

    EACH LIGHTING PANEL SHALL HAVE TYPEWRITTEN DIRECTORY WITH TRANSPARENT PLASTIC COVER. REVISE DIRECTORY TO SUIT NEW AND EXISTING CIRCUITING.

    CIRCUIT LOADS SHALL BE BALANCED ACROSS PHASES AS CLOSELY AS POSSIBLE. PROVIDE LOCKING DEVICES ON BREAKERS CONTROLLING CIRCUITS FOR EXIT LIGHTS, TIME SWITCHES, MECHANICAL CONTROLS, ETC.

    SUBMIT TO ENGINEER/ARCHITECT A SET OF SHOP DRAWINGS IN PDF FOR REVIEW COVERING COVERING ALL MAJOR MANUFACTURED ITEMS.
26. CO–ORDINATE WITH LANDLORD AND ADJACENT TENANTS AS REQUIRED FOR ACCESS, POWER SHUTDOWNS, ETC.
27. WIRING FOR MECHANICAL WORK
    MECHANICAL TRADE WILL SUPPLY ALL STARTERS, CONTROL TRANSFORMERS AND CONTROLS FOR EQUIPMENT SUPPLIED BY THEM AND WILL MOUNT ALL THESE EXCEPT FOR WALL MOUNTED STARTERS AND WALL MOUNTED LINE VOLTAGE CONTROLS, WHICH SHALL BE MOUNTED BY ELECTRICAL TRADE.

    ELECTRICAL TRADE SHALL DO ALL POWER WIRING, WHICH IS WIRING WHICH CARRIES THE LOAD CURRENT OF THE MOTOR, HEATER, HOT WATER TANK OR OTHER EQUIPMENT SUPPLIED BY MECHANICAL TRADE. MECHANICAL TRADE WILL DO ALL OTHER RELATED WIRING.
28. FIRE ALARM DEVICES IF REQUIRED TO BE AS PER BASE BUILDING STANDARD AND TIED INTO BASE BUILDING SYSTEM. ALL WORK MUST BE DONE IN ACCORDANCE WITH LANDLORDS REQUIREMENTS. REFER TO LANDLORDS GUIDELINES.
29. CUTTING, PATCHING AND PAINTING WILL BE BY GENERAL TRADES.
30. AT COMPLETION OF WORK PROVIDE THE TENANT WITH A SET OF AS–BUILT RECORD DRAWINGS. THE AS–BUILT DRAWINGS SHALL INDICATE ALL APPROVED CHANGE NOTICES AND SITE DEVIATIONS.
31. EMERGENCY LIGHTING UNITS. (FINISH TO BE WHITE)
    AS PER LUMINARE SCHEDULE
32. ALL CONFLICTS WITH APPLICABLE REGULATIONS SHALL BE RESOLVED BEFORE INSTALLATION BY THE CONTRACTOR AT HIS EXPENSE.
33. IF ADDITIONAL CLARIFYING DETAILS ARE REQUIRED BY THE LOCAL INSPECTION AUTHORITIES, THESE DETAILS SHALL BE PREPARED AND APPROVAL SECURED BY THE CONTRACTOR AT HIS EXPENSE.
34. THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC, THEREFORE THE CONTRACTOR WILL MAKE USE OF ALL CONTRACT DOCUMENTATION AND SHALL FINALLY VERIFY THIS INFORMATION AGAINST SITE CONDITIONS.
35. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO INSTALL CONDUIT WITH ALL NECESSARY OFFSETS, JUNCTION BOXES, ETC. IN SUCH A MANNER AS TO CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, MAINTAIN GOOD PRACTICE, AND AS PER THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE.
36. THE ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL HAVE PRECEDENCE OVER ELECTRICAL DWG.
37. DISCREPANCIES BETWEEN DIFFERENT DRAWINGS OR SPECIFICATIONS SHALL BE PROMPTLY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. WORK IN AFFECTED AREAS SHALL BE STOPPED.
38. IT SHALL BE THIS CONTRACTORS RESPONSIBILITY TO SUPPORT ALL LIGHTING FIXTURES ADEQUATELY. VERIFY AVAILABILITY OF FIXTURES PRIOR TO ORDERING.
39. BEFORE ANY CUTTING OR CORE DRILLING OF EXISTING WALLS AND/OR FLOOR CLEARLY MARK EXISTING BUILDING SERVICES AND STRUCTURAL MEMBERS BY RADAR SCREENING.
40. ALL PENETRATIONS THROUGH FIRE SEPARATION SHALL BE SEALED WITH FIRE RETARDANT SEALANT WITH RATING TO MATCH FIRE RATING OF WALLS/FLORS/CEILING.

F/A SYSTEM REQUIREMENTS

1. BASE BUILDING FIRE ALARM SYSTEM IS EXISTING TO REMAIN. COMPLETE FIRE ALARM DEVICES INSTALLATION AND SYSTEM VERIFICATION REQUIRED UNDER THIS CONTRACT MUST BE HANDLED THROUGH BASE BUILDING FIRE ALARM CONTRACTOR. (ELECTRICAL CONTRACTOR SHALL CARRY A SUBCONTRACT WITH BASE BUILDING F/A CONTRACTOR).
2. PRIOR TO COMMENCING ANY NEW INSTALLATION AND REVISIONS TO THE BASE BUILDING FIRE ALARM SYSTEM DIV.16 SHALL OBTAIN A WRITTEN APPROVAL BY THE BASE BUILDING ENGINEERS AND/OR PROPERTY MANAGER.
3. UNLESS OTHERWISE NOTED OR DESIGNATED ON DRAWINGS ALL EXISTING FIRE ALARM DEVICES (PULL STATIONS, BELLS, ETC.) INCLUDING DEVICES NOT SHOWN IN THE COMMON AREAS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
4. WHERE EXISTING FIRE ALARM DEVICES TO BE REMOVED, REMAINING OF OTHER EXISTING DEVICES SHALL BE KEPT OPERATIONAL AT ALL TIME.
5. NEW FIRE ALARM SYSTEM/DEVICES TO BE INSTALLED PER CAN/ULC–S524–01 AND VERIFIED PER CAN/ULC–S537–04. A COPY OF THE FIRE ALARM VERIFICATION CERTIFICATE MUST BE SUBMITTED TO THE CONSULTANTS PRIOR TO ISSUING FINAL ACCEPTANCE LETTER TO THE CITY AS PER O.B.C. REQUIREMENTS.
6. ALLOW IN CONTRACT BID RELOCATION OF ANY EXISTING FIRE ALARM DEVICE (PULL STATION, P/A SPEAKERS, ELECTRONIC MINIHORNS) TO NEW WALL/CEILING FINISHES TO SUIT NEW TENANT LAYOUT.
7. NEW DEVICES MUST BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM.
8. PROVIDE ALL NECESSARY SYSTEM RE–PROGRAMMING TO SUIT DEVICE AND ZONE CHANGES, IF APPLICABLE.
9. CO–ORDINATE ALL SYSTEM BY–PASSES AND SHUTDOWNS WITH BUILDING AUTHORITY. REINSTATE SYSTEM TO FULL OPERATION AT THE END OF EACH WORKING PERIOD. AT NO TIME SHALL FIRE PROTECTION EQUIPMENT BE IMPAIRED WITHOUT A QUALIFIED TECHNICIAN IN ATTENDANCE.
10. CONFIRM GRAPHICAL ZONING & REVISE F/A GRAPHIC PLAN TO SUIT ANY PROPOSED CHANGES.
11. PROVIDE "AS–BUILT" DRAWINGS SHOWING LOCATION OF ALL F/A DEVICES (PULL STATION, BELL, FIRE DETECTOR, END OF LINE DEVICES ETC.), WITH ZONE NUMBER FOR EACH DEVICE.
12. PROVIDE ON–SITE TRAINING TO OPERATIONS PERSONNEL TO DEMONSTRATE ANY SYSTEM CHANGES.

DEMOLITION SPECIFICATION

1. ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL ALTERATIONS AND ADDITIONS ARE BEING MADE IN THE EXISTING AREAS NOTED ON ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
2. VISIT THE SITE AND EXAMINE THE EXISTING CONDITIONS AND ALL TENDERING DOCUMENTS, DRAWINGS AND SPECIFICATIONS AND MAKE NECESSARY ALLOWANCES IN TENDER PRICE FOR REMOVAL, RELOCATION, REROUTING, RECONNECTION OF EXISTING ELECTRICAL EQUIPMENT AND WIRING AS MAY BE NECESSARY FOR THE EXECUTION AND COMPLETION OF THIS PROJECT. NO ALLOWANCE WILL BE MADE LATER FOR ANY EXPENSE INCURRED BY THIS TRADE THROUGH FAILURE TO MAKE THIS EXAMINATION.
3. REMOVE AND/OR RELOCATE AND REINSTALL ALL WIRING, FIXTURES AND EQUIPMENT AS NECESSARY TO ACCOMMODATE ARCHITECTURAL AND STRUCTURAL ALTERATIONS AND ADDITIONS LIST
    BEING ALTERED OR DEMOLISHED, BUT FEEDING OUTLETS OR EQUIPMENT REQUIRED TO REMAIN IN SERVICE SHALL BE REROUTED AS REQUIRED TO MAINTAIN THE CONTINUITY OF THESE SERVICES.
4. SUPPLY, INSTALL AND MAINTAIN ALL REQUIRED TEMPORARY WIRING TO OCCUPIED AREAS AT ALL TIMES. PROVIDE ADEQUATE PROTECTION TO EXISTING WIRING AND EQUIPMENT SERVING THE EXISTING AND NEW AREAS AND PARTICULARLY WHERE WIRING AND ELECTRICAL EQUIPMENT HAVE BECOME EXPOSED TO MECHANICAL INJURY OR MOISTURE IN THE COURSE OF ALTERATIONS OR NEW CONSTRUCTION.
5. EXISTING ELECTRICAL EQUIPMENT REMOVED AND INDICATED FOR REUSE SHALL BE CLEANED BEFORE INSTALLATION. ALL UNUSED CONDUIT ENTRANCE OPENINGS SHALL BE SEALED BEFORE REINSTALLATION.
6. REUSED LIGHTING FIXTURES SHALL BE CLEANED AND RELAMPED WITH NEW LAMPS. EXISTING LIGHTING FIXTURES INDICATED FOR REUSE SHALL BE STORED SAFELY ON THE SITE UNTIL READY FOR INSTALLATION. ALL EXISTING LAMPS AND THE EXISTING FIXTURES NOT BEING REUSED SHALL BE HANDED OVER TO THE OWNERS ON COMPLETION OF THE PROJECT.
7. OBSOLETE CONDUITS AND CABLES SHALL BE DISCONNECTED FROM THEIR SOURCE OF SUPPLY, CUT BACK TO A SUITABLE POINT, MAKE SAFE, AND REMOVED TO MINIMIZE INTERFERENCE WITH NEW WORK.
8. CERTAIN ITEMS ARE IDENTIFIED ON THE DRAWINGS AS EXISTING EQUIPMENT "RELOCATED". DISCONNECT SUCH EQUIPMENT FROM ITS PRESENT SOURCE AND AFTER RELOCATION RECONNECT AND REINSTALL ALL ELECTRICAL COMPONENTS.
9. ALL EXISTING EQUIPMENT AND MATERIAL NOT REQUIRED IN THE FINAL INSTALLATION SHALL BE CAREFULLY REMOVED AT THE APPROPRIATE TIME AND SHALL BE DISPOSED OF OR HANDED OVER TO OWNER.

LEGEND

	CEILING OR WALL MOUNTED EXIT LIGHT
	LIGHTS ON NIGHT CIRCUIT
	EMERGENCY LIGHTING BATTERY UNIT
	REMOTE EMERGENCY LIGHT MOUNTED ON WALL OR CEILING.
$ $ $	SINGLE POLE TOGGLE SWITCH WITH ONE, TWO OR THREE GANG COVERPLATE
$_2$ $_3$ $_4$	SWITCHES AS ABOVE, NUMBER DENOTES 2, 3, OR 4 WAY.
	15A/120V DUPLEX RECEPT. OR AS NOTED
	15A, 120 V DUPLEX RECEPT WITH I.G.
	15A/120V DUPLEX RECEPT., SPLIT WIRED
	SPECIAL RECEPTACLE AS NOTED ON DWG
	120 VOLT DIRECT CONNECTION , 1PH.
	208 VOLT DIRECT CONNECTION , 1 PH.
	208 VOLT DIRECT CONNECTION, 3 PH.
	347/600 VOLT DIRECT CONNECTION 3 PH
	FLUSH OR SURFACE MTD. LIGHTING PANEL
A.1	CIRCUIT #1 IN PANEL 'A'
	UNFUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	FIRE ALARM BELL
	FIRE ALARM STROBE AND HORN
	FIRE ALARM MANUAL PULL STATION
HD	CEILING MOUNTED HEAT DETECTOR
S	SPEAKER
	VOICE/DATA OUTLET

Halton District School Board

RECEIVED
MAR 29 2022
CITY OF BURLINGTON
BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

NO.	ISSUANCES & REVISIONS	DATE
3	FOR RE-PERMIT / RE-TENDER	MAR 15, 2022
2	FOR PERMIT / TENDER	MAY 6, 2021
1	FOR COORDINATION	APR 20, 2021

PNF ENGINEERING INC.
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LICENSED PROFESSIONAL ENGINEER
MAR 15 / 22
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PROVINCE OF ONTARIO

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THESE DRAWINGS ARE NOT TO BE SCALED.

Project Address : 1522 MOUNTAIN GROVE AVE. BURLINGTON, ONTARIO, L7R 2H2

Project Description : ROLLING MEADOWS PUBLIC SCHOOL RENOVATIONS

Drawing Description : SPECIFICATIONS, LEGEND AND DETAILS

Designed:	N.P.
Checked:	Y.N.
Scale:	AS SHOWN
Date:	JAN 2021

PNF Project No. 20041

Dwg.No. **E-15**