

LIGHTING ELECTRICAL LEGEND	
	LIGHT FIXTURE. SIZE AS SHOWN. NEW AS SCHEDULED.
	LINE-VOLTAGE TOGGLE LIGHT SWITCH, UNLESS OTHERWISE NOTED.
	LOW-VOLTAGE OCCUPANCY SENSOR. 'WG' DENOTES SENSOR C/W WIREGUARD

EMERGENCY LIGHTING ELECTRICAL LEGEND	
	EMERGENCY LIGHTING DOWN LIGHT
	EMERGENCY LIGHTING WALL-MOUNTED LIGHT FIXTURE
	EMERGENCY LIGHTING SINGLE REMOTE HEAD. NEW SHALL BE C/W 1 X 6 WATT, 24VDC, MR16 LED LAMP HOUSED IN IMPACT-RESISTANT POLYCARBONATE CUBE. SINGLE CUBE CONFIGURATION.
	EMERGENCY LIGHTING DUAL REMOTE HEAD. NEW SHALL BE C/W 2 X 6 WATT, 24VDC, MR16 LED LAMP HOUSED IN IMPACT-RESISTANT POLYCARBONATE CUBE. DOUBLE CUBE CONFIGURATION.
	EMERGENCY LED LAMP UNIT. NEW SHALL BE VANDAL-RESISTANT UNIT, 14W, CAPABLE OF SURFACE, RECESSED, AND T-BAR MOUNTING, 24VDC, 1300 LUMENS. 'WM' DENOTES WALL-MOUNTED UNIT C/W SURFACE/CEILING MOUNT. FOR ALL OTHER LOCATIONS PROVIDE THE 'TB' MOUNTING KIT SUITABLE FOR RECESSED T-BAR INSTALL.
	EMERGENCY LIGHTING BATTERY UNIT. NEW SHALL BE C/W 1 X 6W, 24V, MR16 LED REMOTE HEADS, 24VDC, WHITE FINISH, STEEL CONSTRUCTION, MOUNTING SHELF, HARDWARE BATTERY UNIT TO THE CONNECTED CIRCUIT. REFER TO BATTERY UNIT SCHEDULE FOR THE CAPACITY OF EACH BATTERY.
	EMERGENCY LIGHTING BATTERY UNIT. NEW SHALL BE C/W 2 X 6W, 24V, MR16 LED REMOTE HEADS, 24VDC, WHITE FINISH, STEEL CONSTRUCTION, MOUNTING SHELF, HARDWARE BATTERY UNIT TO THE CONNECTED CIRCUIT. REFER TO BATTERY UNIT SCHEDULE FOR THE CAPACITY OF EACH BATTERY.
	SINGLE-FACED CEILING-MOUNTED AND WALL-MOUNTED (RESPECTIVELY) 'RUNNING MAN' STYLE, STEEL LED EXIT SIGN C/W UNIVERSAL MOUNTING KIT, UNIVERSAL PICTOGRAMS, 120/347 VAC INPUT, UNIVERSAL EMERGENCY 2VDC VOLTAGE, WHITE FINISH, AND <2.0W POWER CONSUMPTION. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON THE LAYOUT.
	DOUBLE-FACED CEILING-MOUNTED AND EDGE-MOUNTED (RESPECTIVELY) 'RUNNING MAN' STYLE LED EXIT SIGN C/W UNIVERSAL MOUNTING KIT, UNIVERSAL PICTOGRAMS, UNIVERSAL 6-24VDC VOLTAGE, WHITE FINISH, AND <2.5W POWER CONSUMPTION. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON THE LAYOUT.
WG	DENOTES DEVICE C/W WIREGUARD. SUPPLY AND INSTALL A WIREGUARD SUITABLE FOR THE PROPOSED DEVICE/EQUIPMENT AND FROM THE SAME MANUFACTURER AS THE DEVICE/EQUIPMENT (STANPRO, ETC.)
WP	DENOTES WEATHERPROOF DEVICE
EX	DENOTES EXISTING ELECTRICAL DEVICE/EQUIPMENT TO REMAIN
R	DENOTES EXISTING ELECTRICAL DEVICE/EQUIPMENT TO BE REMOVED C/W WIRING AND CONDUIT.
N	DENOTES NEW ELECTRICAL DEVICE/EQUIPMENT C/W NEW WIRING AND NEW RACEWAYS TO THE SPECIFIED SOURCE
C-5	DENOTES DEVICE/EQUIPMENT CONNECTED TO CIRCUIT #5 IN PANEL 'C'

GENERAL NOTES	
1.	THE ELECTRICAL CONTRACTOR SHALL NOTE THAT THE EXISTING BUILDING WILL REMAIN IN OPERATION THROUGHOUT DEMOLITION/CONSTRUCTION. ALLOW FOR ANY WORK REQUIRED TO BE DONE WHICH MAY AFFECT POWER SUPPLY AND OPERATION OF THE BUILDING TO BE CARRIED OUT AFTER HOURS OR AT A TIME CONVENIENT TO THE OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED TO ENSURE CONTINUED OPERATION AT ALL TIMES.
2.	CAREFULLY EXAMINE ALL EXISTING UTILITY LINES SUCH AS GAS, WATER ETC. PRIOR TO START THE ELECTRICAL CONSTRUCTION WORKS AND COORDINATE WITH OTHER TRADES AND REPORT OF ANY DISCREPANCY PRIOR TO PROCEEDING.
3.	THESE DRAWINGS SHALL BE READ & PRICED IN CONJUNCTION ALL OTHER DOCUMENTS FORMING THIS BID. INCLUDE FOR THE SUPPLY AND INSTALLATION OF POWER, SYSTEMS, AND LIGHTING AS PER THE COMPLETE CONSTRUCTION DOCUMENTS. NO EXTRA COST WILL BE ACCEPTED IN FAILURE TO OBTAINING AND/OR REVIEW OF SUCH DOCUMENTS. REFER TO ARCHITECTURAL AND ELECTRICAL LAYOUTS IN CONJUNCTION FOR EXACT LOCATION OF ALL EQUIPMENT. REPORT ANY DISCREPANCIES TO THE ELECTRICAL ENGINEER PRIOR TO COMMENCING WORK. NO EXTRA WILL BE PROVIDED AS A RESULT OF A FAILURE TO DO SO.
4.	IT IS MANDATORY THAT ELECTRICAL WORK CONFORM TO ALL APPLICABLE CODES (INCLUDING THE ONTARIO BUILDING, FIRE, AND ONTARIO ELECTRICAL SAFETY CODE), BASE BUILDING (BOARD) STANDARDS, AND THE STANDARDS SET BY ANY AND ALL LOCAL AUTHORITIES HAVING JURISDICTION.
5.	ALL ELECTRICAL WORK SHALL BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY (ESA). ARRANGE AND PAY FOR ALL INSPECTIONS REQUIRED FOR THE DURATION OF THE PROJECT.
6.	IN THE EVENT OF ANY DISCREPANCY BETWEEN THE ELECTRICAL DRAWINGS AND SPECIFICATIONS, ALLOW FOR THE HIGHEST-PRICED OPTION IN THE TENDER PRICE.
7.	ALL WIRING USED ON THIS PROJECT SHALL BE RUN IN RACEWAYS. NO USE OF ARMoured (BX) CABLE WILL BE PERMITTED WITH THE EXCEPTION OF RUNS NOT TO EXCEED 5' BETWEEN THE FINAL CONNECTION AND THE RESPECTIVE JUNCTION BOX.

DRAWING LIST	
DRAWING NUMBER	DESCRIPTION
E1	ELECTRICAL LEGEND, NOTES AND SCHEDULES
E2	BASEMENT & FIRST FLOOR - LIGHTING RETROFIT PLAN
E3	SECOND FLOOR - LIGHTING RETROFIT PLAN
E4	BASEMENT & FIRST FLOOR - DEMOLITION EMERGENCY LIGHTING PLAN
E5	SECOND FLOOR - DEMOLITION EMERGENCY LIGHTING PLAN
E6	BASEMENT & FIRST FLOOR - NEW EMERGENCY LIGHTING PLAN
E7	SECOND FLOOR - NEW EMERGENCY LIGHTING PLAN

LIGHTING RETROFIT SCHEDULE				
TYPE (DENOTED LETTER)	RETROFIT TYPE	RETROFIT DESCRIPTION	LAMP/BALLAST/FIXTURE SPECIFICATIONS:	NOTES:
A1	FIXTURE REPLACEMENT	EXISTING 4' SURFACE-MOUNTED FIXTURE IS TO BE REPLACED WITH A NEW 4' SURFACE-MOUNTED FIXTURE	-	SEE NOTE #1
A2	FIXTURE REPLACEMENT	EXISTING 4' SURFACE-MOUNTED FIXTURE IS TO BE REPLACED WITH A NEW 4' SURFACE-MOUNTED FIXTURE	-	SEE NOTE #1
A3	FIXTURE REPLACEMENT	EXISTING 4' SURFACE-MOUNTED FIXTURE IS TO BE REPLACED WITH A NEW 4' SURFACE-MOUNTED FIXTURE	-	SEE NOTE #1
B1	FIXTURE REPLACEMENT	EXISTING RECESSED 2'X4' TROFFER IS TO BE REPLACED WITH A NEW RECESSED LED 2'X4' TROFFER	PEERLESS ELECTRIC LACH3-24G-40-40K-125-MV	SEE NOTE #1
B2	FIXTURE REPLACEMENT	EXISTING RECESSED 2'X4' TROFFER IS TO BE REPLACED WITH A NEW RECESSED LED 2'X4' TROFFER	PEERLESS ELECTRIC LACH3-24G-48-40K-125-MV	SEE NOTE #1
C1	FIXTURE REPLACEMENT	EXISTING RECESSED 1'X4' TROFFER IS TO BE REPLACED WITH A NEW RECESSED LED 1'X4' TROFFER	PEERLESS ELECTRIC LACH3-14G-40-40K-125-MV	SEE NOTE #1
D1	FIXTURE REPLACEMENT	EXISTING 4' SUSPENDED FIXTURE IS TO BE REPLACED WITH A NEW 4' SURFACE-MOUNTED FIXTURE	-	SEE NOTE #1
E1	FIXTURE REPLACEMENT	EXISTING 4' SURFACE-MOUNTED FIXTURE IS TO BE REPLACED WITH A NEW 4' SURFACE-MOUNTED FIXTURE	-	SEE NOTE #1
E2	FIXTURE REPLACEMENT	EXISTING 4' SUSPENDED FIXTURE IS TO BE REPLACED WITH A NEW 4' SUSPENDED FIXTURE	-	SEE NOTE #1
Z1	FIXTURE REPLACEMENT	EXISTING RECESSED DOWNLIGHT IS TO BE REPLACED WITH A NEW RECESSED LED DOWNLIGHT	CURRENT GE LRX-9-R6-1X-9-CW-VQ; SET TO 4000K, 1000 LUMENS, SUITABLE FOR SHOWER INSTALLATION (WET LOCATION)	SEE NOTE #1

NOTES:
1. REMOVE ANY EXISTING SUPPORTS FROM THE BUILDING STRUCTURE. PROVIDE NEW SAFETY CHAINS SUPPORTED BY THE BUILDING STRUCTURE. ENSURE WEIGHT OF NEW LIGHT FIXTURES IS NOT BORN BY CEILING SYSTEM AND/OR ITS HANGERS. WHERE BUILDING STRUCTURE MEMBERS ARE SPACED APART OR STARLIGHT ATTACHMENT POINTS ARE NOT AVAILABLE DUE TO EXISTING ELEMENTS SUCH AS DUCTWORK, PIPING ETC., PROVIDE ADDITIONAL UNISTRUTS AS REQUIRED SUSPENDED FOR BUILDING STRUCTURE OR SECURED TO CREATE SECURED POINTS FOR SAFETY CHAINS.

BATTERY UNIT SCHEDULE			
BATTERY UNIT NO.	CIRCUIT NO.	EXIT SIGN AC CIRCUIT	BATTERY WATTAGE
BU-1	CIRCUIT IN PANEL TO BE DETERMINED	DEDICATED CIRCUIT IN PANEL TBD	550 WATTS
BU-2	CIRCUIT IN PANEL TO BE DETERMINED	DEDICATED CIRCUIT IN PANEL TBD	550 WATTS
BU-3	CIRCUIT IN PANEL TO BE DETERMINED	DEDICATED CIRCUIT IN PANEL TBD	550 WATTS
BU-4	CIRCUIT IN PANEL TO BE DETERMINED	DEDICATED CIRCUIT IN PANEL TBD	550 WATTS
BU-5	CIRCUIT IN PANEL TO BE DETERMINED	DEDICATED CIRCUIT IN PANEL TBD	550 WATTS
BU-6	CIRCUIT IN PANEL TO BE DETERMINED	DEDICATED CIRCUIT IN PANEL TBD	550 WATTS

PROJECT SCOPE OF WORK	
THIS PROJECT INCLUDES, BUT IS NOT LIMITED, TO THE FOLLOWING:	
1.	REPLACEMENT OF EXISTING NORMAL LIGHTING FIXTURES WITH NEW LED FIXTURES THROUGHOUT THE SCHOOL.
2.	ADDITION OF LIGHTING CONTROLS (OCCUPANCY SENSORS) THROUGHOUT THE SCHOOL.
3.	UPGRADE OF THE EXISTING EMERGENCY LIGHTING SYSTEM WITH NEW, INCLUDING NEW BATTERY UNITS, REMOTE HEADS AND EXIT SIGNS.
4.	INCLUDE, IN THE BASE TENDER PRICE, FOR THE REMOVAL OF EIGHT (8) ADDITIONAL EMERGENCY LIGHTING FIXTURES (EXIT SIGNS, BATTERY UNITS, REMOTE HEADS, ETC.) BEYOND THE QUANTITIES SHOWN ON THE DRAWINGS AS FOUND ON SITE.
5.	INCLUDE, IN THE BASE TENDER PRICE, FOR THE SUPPLY & INSTALL OF THREE (3) ADDITIONAL DUAL-HEAD REMOTE HEADS (EACH C/W 50' OF CONDUIT AND WIRING) AS REQUESTED BY THE BUILDING DEPARTMENT DURING THE BUILDING INSPECTION.
6.	ARRANGE FOR AND ATTEND THE BUILDING INSPECTION WITH THE BUILDING INSPECTOR.
7.	FIRESTOP ALL NEW CONDUIT PENETRATIONS THROUGH EXISTING WALLS, CEILINGS AND FLOOR ASSEMBLIES.

CUTTING, PATCHING AND MAKING GOOD	
1.	THE CONTRACTOR SHALL COMPLETE ALL NECESSARY CUTTING, PATCHING, MAKING GOOD AND PAINTING SCOPE NECESSARY TO EXECUTE THE LED LIGHTING RETROFIT AND EMERGENCY LIGHTING REPLACEMENT SCOPE.
2.	WHERE NEW WALL-MOUNTED LIGHT FIXTURES ARE BEING PROPOSED, ALLOW FOR PAINTING OF THE WALL SURFACE BEHIND THE EXISTING FIXTURE; REMOVE EXCESS PAINT OUTLINES AROUND THE EXISTING FIXTURE.
3.	PAINT ALL AREAS AFFECTED BY DEMOLITION TO MATCH THE EXISTING ADJACENT WALL COLOUR/FINISH. FOR EXAMPLE, AT ALL LOCATIONS WHERE EXISTING EXIT SIGNS, BATTERY UNITS, WALL/CEILING-MOUNTED LIGHTS, REMOTE HEADS, ETC. ARE REMOVED.
4.	REPLACE CEILING TILES WHERE EXISTING DEVICES (EXIT SIGNS, REMOTE HEADS, ETC.) ARE REMOVED WITH NEW FIRE-RATED CEILING TILES TO MATCH THE EXISTING. NO USE OF BLANK COVERPLATES ON EXISTING CEILING TILES WILL BE PERMITTED.
5.	WHERE FIRE-RATED PROTECTION BOXES ARE FOUND SERVING EXISTING FIXTURES, RE-INSTATE THE BOX AFTER THE RETROFIT.
6.	REPLACE, AT NO COST TO THE OWNER, ANY CEILING TILES DAMAGED BY THE CONTRACTOR THROUGHOUT THE COURSE OF THE PROJECT.

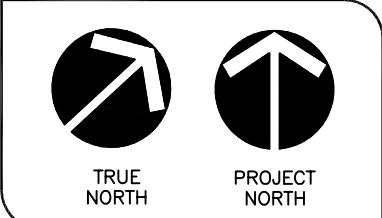
NOTES

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REVISIONS		
NO.	DATE	ISSUED FOR:
1.	FEB. 3/26	100% REVIEW
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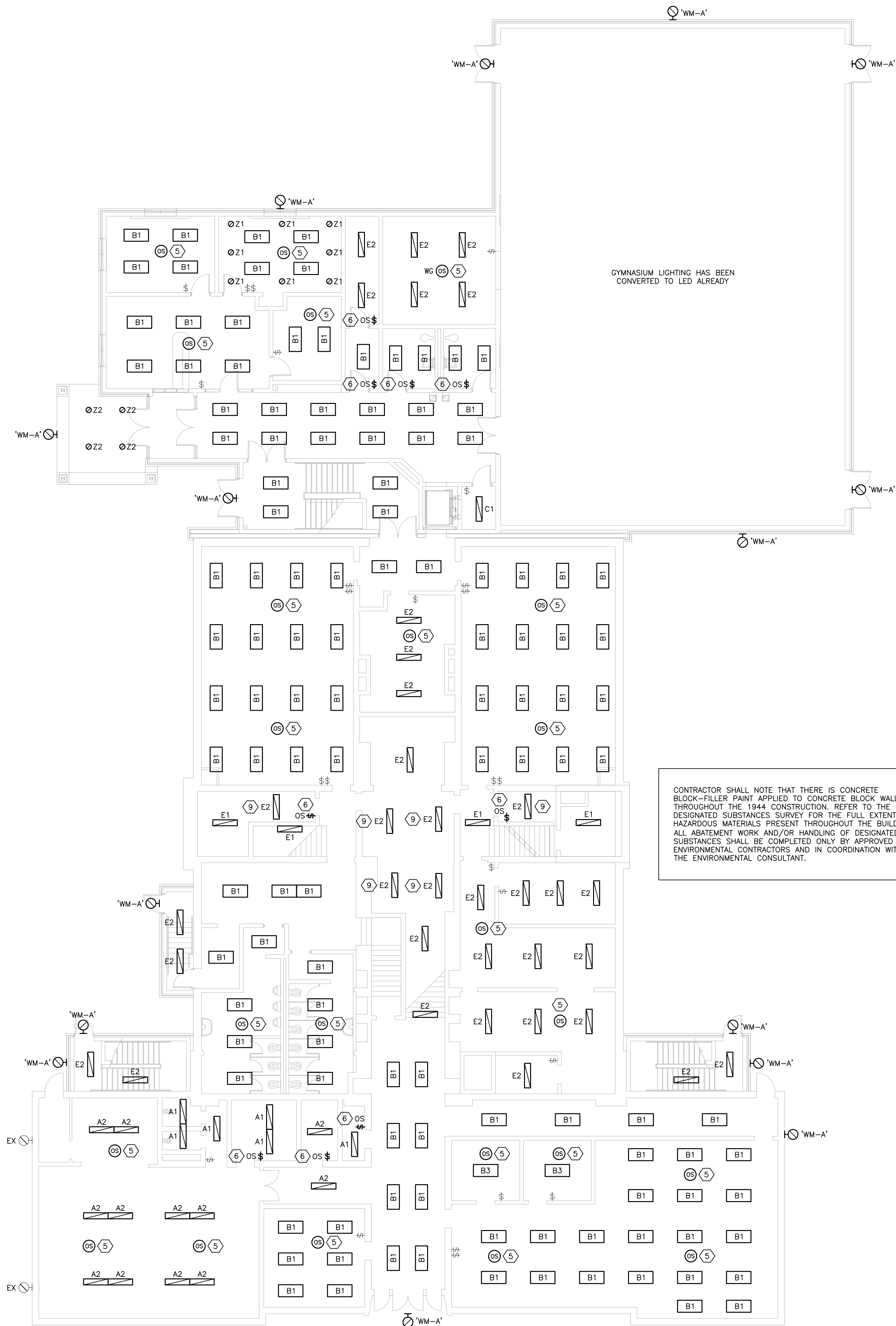


SCHOOL
LAKESHORE PUBLIC SCHOOL
LOCATION
2243 LAKESHORE ROAD
BURLINGTON, ONTARIO

LAST UPDATED	JAN. 2026
PREVIOUS UPDATE	
GRADES	---
SCALE	AS SHOWN
DRAWN	RS/SS
PROJECT LAST UPDATED	-
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AREA SQ. FT.	----
CAD FILE NAME	----

SHEET TITLE
ELECTRICAL LEGEND,
NOTES AND
SCHEDULES

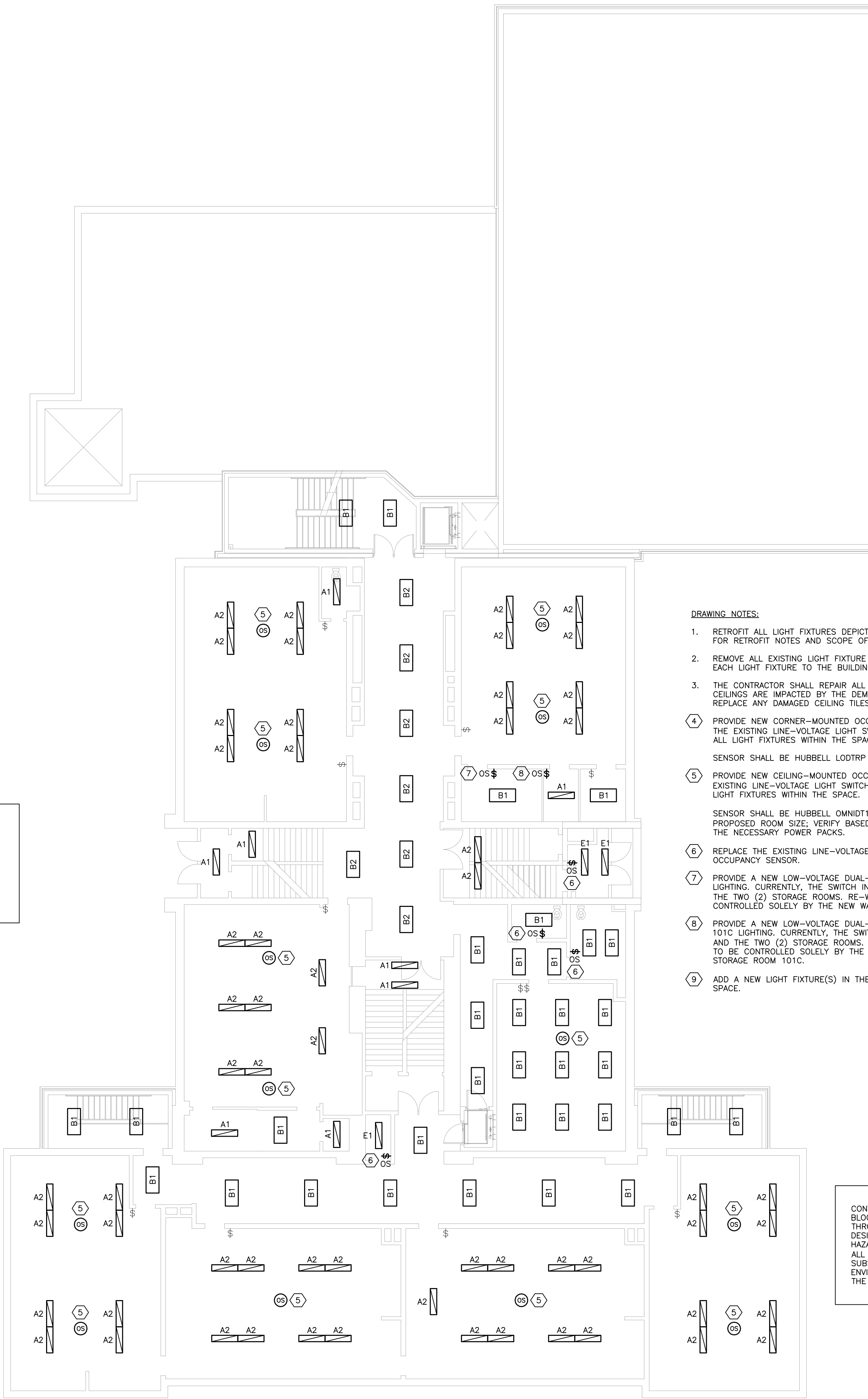
PROJECT NAME	
DIVISION	NUMBER
	E1



GYMNASIUM LIGHTING HAS BEEN CONVERTED TO LED ALREADY

CONTRACTOR SHALL NOTE THAT THERE IS CONCRETE BLOCK-FILLER PAINT APPLIED TO CONCRETE BLOCK WALLS THROUGHOUT THE 1944 CONSTRUCTION. REFER TO THE DESIGNATED SUBSTANCES SURVEY FOR THE FULL EXTENT OF HAZARDOUS MATERIALS PRESENT THROUGHOUT THE BUILDING. ALL ABATEMENT WORK AND/OR HANDLING OF DESIGNATED SUBSTANCES SHALL BE COMPLETED ONLY BY APPROVED ENVIRONMENTAL CONTRACTORS AND IN COORDINATION WITH THE ENVIRONMENTAL CONSULTANT.

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DRAWING NOTES:

- RETROFIT ALL LIGHT FIXTURES DEPICTED ON THIS DRAWING WITH THE TYPE AS NOTED. SEE DRAWING E1 FOR RETROFIT NOTES AND SCOPE OF WORK.
- REMOVE ALL EXISTING LIGHT FIXTURE SUPPORTS AND REPLACE WITH NEW CHAIN SUPPORTS TO SUPPORT EACH LIGHT FIXTURE TO THE BUILDING STRUCTURE.
- THE CONTRACTOR SHALL REPAIR ALL CEILINGS WHERE EXISTING FIXTURES ARE REMOVED AND THE CEILINGS ARE IMPACTED BY THE DEMOLITION; PATCH AND PAINT TO MATCH THE SURROUNDING SURFACES; REPLACE ANY DAMAGED CEILING TILES WHERE REQUIRED.
- PROVIDE NEW CORNER-MOUNTED OCCUPANCY SENSORS AS SHOWN. WIRE ALL SENSORS UPSTREAM OF THE EXISTING LINE-VOLTAGE LIGHT SWITCHES. THE OCCUPANCY SENSOR(S) IN EACH ZONE SHALL CONTROL ALL LIGHT FIXTURES WITHIN THE SPACE.
SENSOR SHALL BE HUBBELL LODTRP OR APPROVED EQUAL; PROVIDE THE NECESSARY POWER PACKS.
- PROVIDE NEW CEILING-MOUNTED OCCUPANCY SENSORS AS SHOWN. WIRE ALL SENSORS UPSTREAM OF THE EXISTING LINE-VOLTAGE LIGHT SWITCHES. THE OCCUPANCY SENSOR(S) IN EACH ZONE SHALL CONTROL ALL LIGHT FIXTURES WITHIN THE SPACE.
SENSOR SHALL BE HUBBELL OMNDT1000RP (SQUARE FOOTAGE COVERAGE SHALL BE TO SUIT THE PROPOSED ROOM SIZE; VERIFY BASED ON SCALING ON THE DRAWINGS) OR APPROVED EQUAL; PROVIDE THE NECESSARY POWER PACKS.
- REPLACE THE EXISTING LINE-VOLTAGE ON/OFF SWITCH WITH A NEW LOW-VOLTAGE DUAL-TECHNOLOGY OCCUPANCY SENSOR.
- PROVIDE A NEW LOW-VOLTAGE DUAL-TECHNOLOGY OCCUPANCY SENSOR TO SERVE THE QUIET ROOM LIGHTING. CURRENTLY, THE SWITCH INSIDE STORAGE 101A SERVES THE LIGHTING IN THE QUIET ROOM AND THE TWO (2) STORAGE ROOMS. RE-WIRE THE EXISTING LIGHT FIXTURE IN THE QUIET ROOM TO BE CONTROLLED SOLELY BY THE NEW WALL-SWITCH OCCUPANCY SENSOR LOCATED WITHIN THE QUIET ROOM.
- PROVIDE A NEW LOW-VOLTAGE DUAL-TECHNOLOGY OCCUPANCY SENSOR TO SERVE THE STORAGE ROOM 101C LIGHTING. CURRENTLY, THE SWITCH INSIDE STORAGE 101A SERVES THE LIGHTING IN THE QUIET ROOM AND THE TWO (2) STORAGE ROOMS. RE-WIRE THE EXISTING LIGHT FIXTURE IN THE STORAGE ROOM 101C TO BE CONTROLLED SOLELY BY THE NEW WALL-SWITCH OCCUPANCY SENSOR LOCATED WITHIN THE STORAGE ROOM 101C.
- ADD A NEW LIGHT FIXTURE(S) IN THE SPACE. CONNECT TO THE EXISTING SWITCHED CIRCUIT SERVING THE SPACE.

1 BASEMENT - LED LIGHTING RETROFIT PLAN
E2 SCALE: 1:125

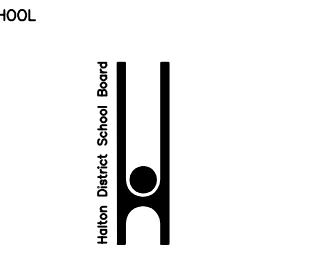
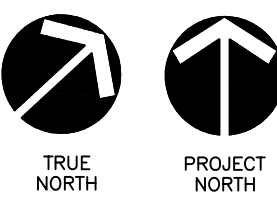
2 FIRST FLOOR - LED LIGHTING RETROFIT PLAN
E2 SCALE: 1:125

NOTES

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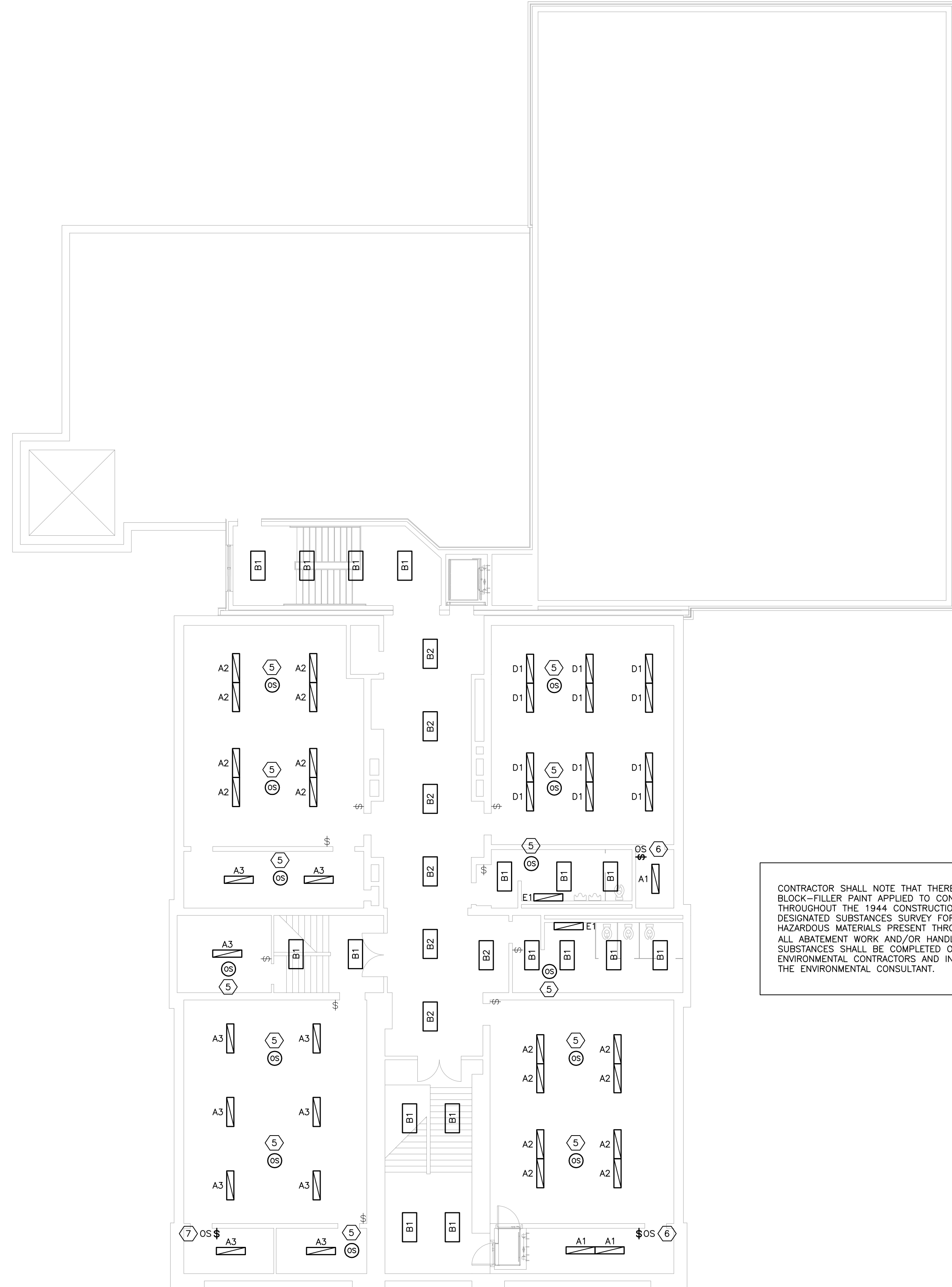
LAKESHORE PUBLIC SCHOOL

LOCATION
2243 LAKESHORE ROAD
BURLINGTON, ONTARIO

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PREVIOUS UPDATE	---
GRANDES	---
SCALE	AS SHOWN
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PROJECT LAST UPDATED	---
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CAD FILE NAME	----

SHEET TITLE
BASEMENT & FIRST FLOOR - LIGHTING RETROFIT PLAN

PROJECT NAME	---
DIVISION	---
NUMBER	E2



DRAWING NOTES:

1. RETROFIT ALL LIGHT FIXTURES DEPICTED ON THIS DRAWING WITH THE TYPE AS NOTED. SEE DRAWING E1 FOR RETROFIT NOTES AND SCOPE OF WORK.
2. REMOVE ALL EXISTING LIGHT FIXTURE SUPPORTS AND REPLACE WITH NEW CHAIN SUPPORTS TO SUPPORT EACH LIGHT FIXTURE TO THE BUILDING STRUCTURE.
3. THE CONTRACTOR SHALL REPAIR ALL CEILINGS WHERE EXISTING FIXTURES ARE REMOVED AND THE CEILINGS ARE IMPACTED BY THE DEMOLITION; PATCH AND PAINT TO MATCH THE SURROUNDING SURFACES; REPLACE ANY DAMAGED CEILING TILES WHERE REQUIRED.
4. PROVIDE NEW CORNER-MOUNTED OCCUPANCY SENSORS AS SHOWN. WIRE ALL SENSORS UPSTREAM OF THE EXISTING LINE-VOLTAGE LIGHT SWITCHES. THE OCCUPANCY SENSOR(S) IN EACH ZONE SHALL CONTROL ALL LIGHT FIXTURES WITHIN THE SPACE.
SENSOR SHALL BE HUBBELL LODTRP OR APPROVED EQUAL; PROVIDE THE NECESSARY POWER PACKS.
5. PROVIDE NEW CEILING-MOUNTED OCCUPANCY SENSORS AS SHOWN. WIRE ALL SENSORS UPSTREAM OF THE EXISTING LINE-VOLTAGE LIGHT SWITCHES. THE OCCUPANCY SENSOR(S) IN EACH ZONE SHALL CONTROL ALL LIGHT FIXTURES WITHIN THE SPACE.
SENSOR SHALL BE HUBBELL OMNIDT100DRP (SQUARE FOOTAGE COVERAGE SHALL BE TO SUIT THE PROPOSED ROOM SIZE; VERIFY BASED ON SCALING ON THE DRAWINGS) OR APPROVED EQUAL; PROVIDE THE NECESSARY POWER PACKS.
6. REPLACE THE EXISTING LINE-VOLTAGE ON/OFF SWITCH WITH A NEW LOW-VOLTAGE DUAL-TECHNOLOGY OCCUPANCY SENSOR.
7. PROVIDE A NEW LOW-VOLTAGE DUAL-TECHNOLOGY OCCUPANCY SENSOR TO SERVE THE STORAGE ROOM LIGHTING. CURRENTLY, THE SWITCH OUTSIDE OF THE COAT ROOM SERVES THE LIGHTING IN THE COAT ROOM AND THE STORAGE ROOM. RE-WIRE THE EXISTING LIGHT FIXTURE IN THE STORAGE ROOM TO BE CONTROLLED SOLELY BY THE NEW WALL-SWITCH OCCUPANCY SENSOR LOCATED WITHIN THE STORAGE ROOM.

CONTRACTOR SHALL NOTE THAT THERE IS CONCRETE BLOCK-FILLER PAINT APPLIED TO CONCRETE BLOCK WALLS THROUGHOUT THE 1944 CONSTRUCTION. REFER TO THE DESIGNATED SUBSTANCES SURVEY FOR THE FULL EXTENT OF HAZARDOUS MATERIALS PRESENT THROUGHOUT THE BUILDING. ALL ABATEMENT WORK AND/OR HANDLING OF DESIGNATED SUBSTANCES SHALL BE COMPLETED ONLY BY APPROVED ENVIRONMENTAL CONTRACTORS AND IN COORDINATION WITH THE ENVIRONMENTAL CONSULTANT.

NOTES

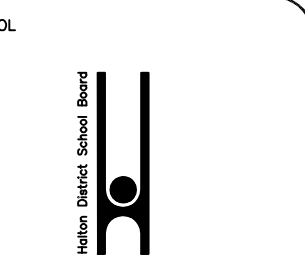
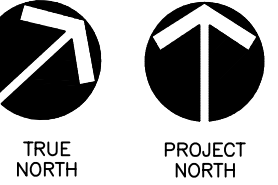
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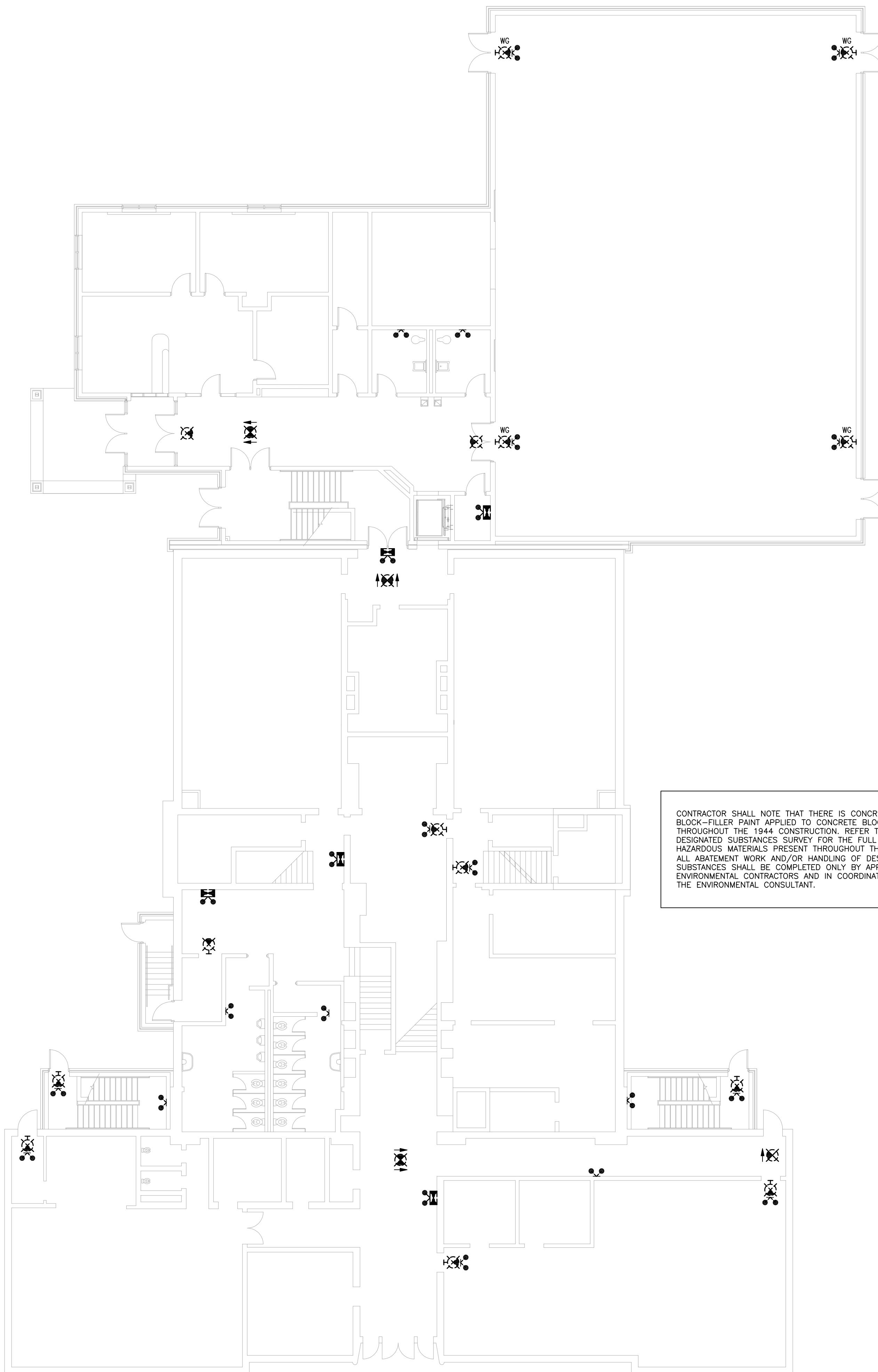
LAKESHORE PUBLIC SCHOOL

LOCATION
2243 LAKESHORE ROAD
BURLINGTON, ONTARIO

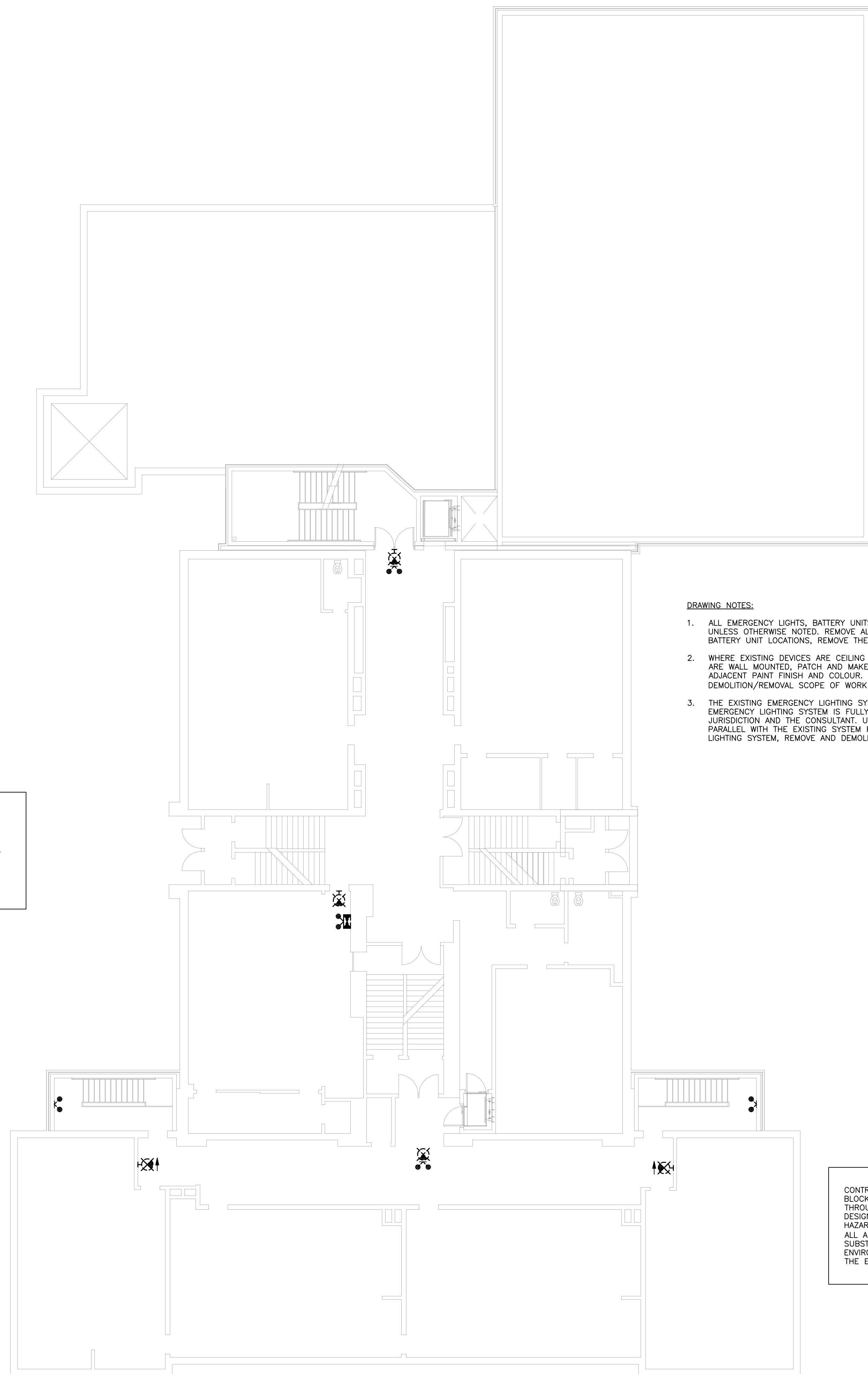
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AREA SQ. FT.	-----
CAD FILE NAME	-----

SHEET TITLE
SECOND FLOOR —
LIGHTING RETROFIT
PLAN

PROJECT NAME	---
DIVISION	NUMBER
	E3



CONTRACTOR SHALL NOTE THAT THERE IS CONCRETE BLOCK-FILLER PAINT APPLIED TO CONCRETE BLOCK WALLS THROUGHOUT THE 1944 CONSTRUCTION. REFER TO THE DESIGNATED SUBSTANCES SURVEY FOR THE FULL EXTENT OF HAZARDOUS MATERIALS PRESENT THROUGHOUT THE BUILDING. ALL ABATEMENT WORK AND/OR HANDLING OF DESIGNATED SUBSTANCES SHALL BE COMPLETED ONLY BY APPROVED ENVIRONMENTAL CONTRACTORS AND IN COORDINATION WITH THE ENVIRONMENTAL CONSULTANT.



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DRAWING NOTES:

1. ALL EMERGENCY LIGHTS, BATTERY UNITS AND EXIT SIGNS SHOWN ON THIS LAYOUT ARE TO BE REMOVED UNLESS OTHERWISE NOTED. REMOVE ALL REDUNDANT WIRING AND RACEWAYS TO THE SOURCE. AT ALL BATTERY UNIT LOCATIONS, REMOVE THE EXISTING ASSOCIATED RECEPTACLE WHEREVER PRESENT.
2. WHERE EXISTING DEVICES ARE CEILING MOUNTED, REPLACE THE CEILING TILE WITH NEW. WHERE DEVICES ARE WALL MOUNTED, PATCH AND MAKE GOOD ALL WALL SURFACES. PAINT AFFECTED AREA TO MATCH ADJACENT PAINT FINISH AND COLOUR. PATCH AND MAKE GOOD ALL SURFACES AFFECTED BY THE DEMOLITION/REMOVAL SCOPE OF WORK. SEAL AND/OR FIRESTOP ALL REDUNDANT OPENINGS.
3. THE EXISTING EMERGENCY LIGHTING SYSTEM IS NOT TO BE DEMOLISHED OR IMPACTED UNTIL THE NEW EMERGENCY LIGHTING SYSTEM IS FULLY INSTALLED, TESTED AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION AND THE CONSULTANT. UNTIL SUCH TIME, THE NEW SYSTEM SHALL BE INSTALLED IN PARALLEL WITH THE EXISTING SYSTEM REMAINING IN PLACE. UPON ACCEPTANCE OF THE NEW EMERGENCY LIGHTING SYSTEM, REMOVE AND DEMOLISH THE EXISTING EMERGENCY LIGHTING SYSTEM IN ENTIRETY.

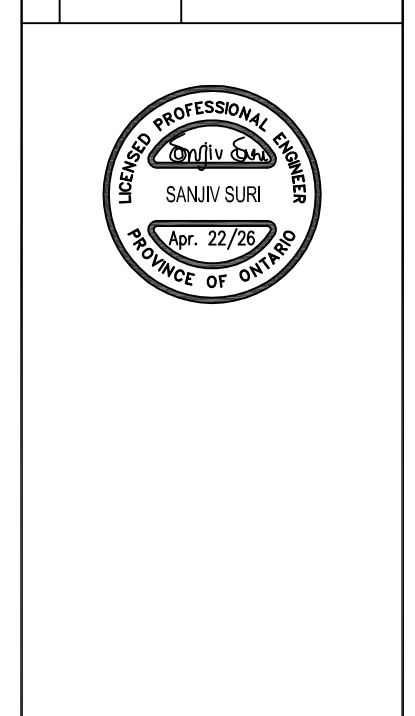
1 BASEMENT – EMERGENCY LIGHTING DEMOLITION PLAN
E4 SCALE: 1:125

2 FIRST FLOOR – EMERGENCY LIGHTING DEMOLITION PLAN
E4 SCALE: 1:125

NOTES

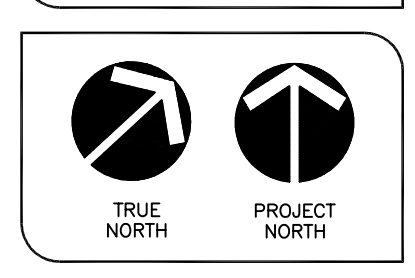
REVISIONS

NO	DATE	ISSUED FOR
1.	FEB. 3/26	100% REVIEW
2.	APR. 22/26	PERMIT & TENDER



ELECTRICAL CONSULTANT:
SURI & ASSOCIATES LTD.
ENGINEERING CONSULTANTS
ELECTRICAL
MECHANICAL
LIGHTING
COMMUNICATION
SECURITY

251 LAKESHORE ROAD WEST
PO BOX 58422
MISSISSAUGA, ONTARIO
L4X 1L7
T: (905) 298-7861



SCHOOL

LAKESHORE PUBLIC SCHOOL

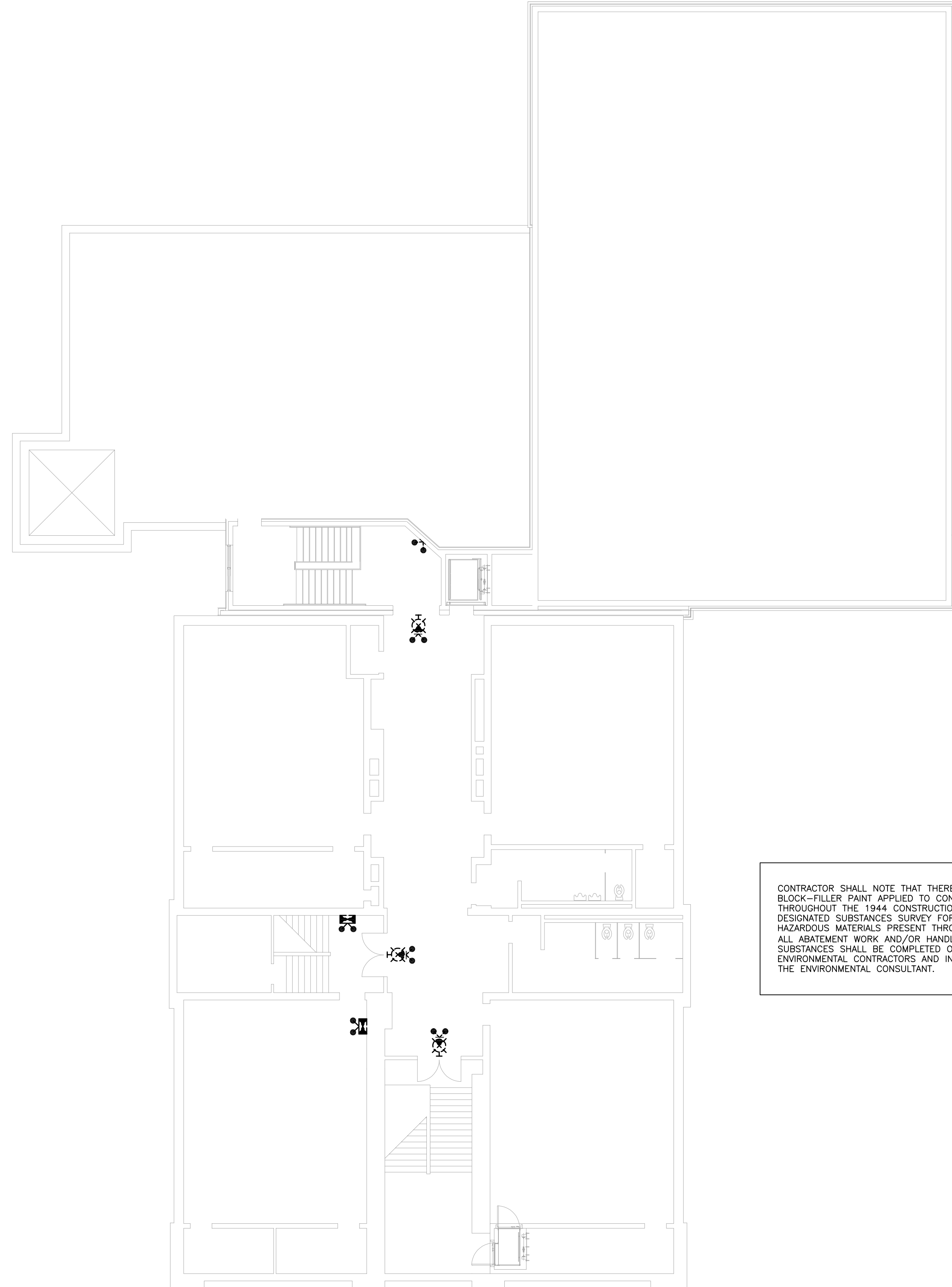
LOCATION
2243 LAKESHORE ROAD
BURLINGTON, ONTARIO

LAST UPDATED	JAN. 2026
PREVIOUS UPDATE	---
GRADES	---
SCALE	AS SHOWN
DRAWN	RS/SS
PROJECT LAST UPDATED	---
YEAR BUILT	---
AREA SQ. FT.	----
CAD FILE NAME	----

SHEET TITLE
BASEMENT & FIRST FLOOR
DEMOLITION
EMERGENCY LIGHTING PLAN

PROJECT NAME

DIVISION NUMBER
E4



- DRAWING NOTES:**
1. ALL EMERGENCY LIGHTS, BATTERY UNITS AND EXIT SIGNS SHOWN ON THIS LAYOUT ARE TO BE REMOVED UNLESS OTHERWISE NOTED. REMOVE ALL REDUNDANT WIRING AND RACEWAYS TO THE SOURCE. AT ALL BATTERY UNIT LOCATIONS, REMOVE THE EXISTING ASSOCIATED RECEPTACLE WHEREVER PRESENT.
 2. WHERE EXISTING DEVICES ARE CEILING MOUNTED, REPLACE THE CEILING TILE WITH NEW. WHERE DEVICES ARE WALL MOUNTED, PATCH AND MAKE GOOD ALL WALL SURFACES. PAINT AFFECTED AREA TO MATCH ADJACENT PAINT FINISH AND COLOUR. PATCH AND MAKE GOOD ALL SURFACES AFFECTED BY THE DEMOLITION/REMOVAL SCOPE OF WORK. SEAL AND/OR FIRESTOP ALL REDUNDANT OPENINGS.
 3. THE EXISTING EMERGENCY LIGHTING SYSTEM IS NOT TO BE DEMOLISHED OR IMPACTED UNTIL THE NEW EMERGENCY LIGHTING SYSTEM IS FULLY INSTALLED, TESTED AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION AND THE CONSULTANT. UNTIL SUCH TIME, THE NEW SYSTEM SHALL BE INSTALLED IN PARALLEL WITH THE EXISTING SYSTEM REMAINING IN PLACE. UPON ACCEPTANCE OF THE NEW EMERGENCY LIGHTING SYSTEM, REMOVE AND DEMOLISH THE EXISTING EMERGENCY LIGHTING SYSTEM IN ENTIRETY.

CONTRACTOR SHALL NOTE THAT THERE IS CONCRETE BLOCK-FILLER PAINT APPLIED TO CONCRETE BLOCK WALLS THROUGHOUT THE 1944 CONSTRUCTION. REFER TO THE DESIGNATED SUBSTANCES SURVEY FOR THE FULL EXTENT OF HAZARDOUS MATERIALS PRESENT THROUGHOUT THE BUILDING. ALL ABATEMENT WORK AND/OR HANDLING OF DESIGNATED SUBSTANCES SHALL BE COMPLETED ONLY BY APPROVED ENVIRONMENTAL CONTRACTORS AND IN COORDINATION WITH THE ENVIRONMENTAL CONSULTANT.

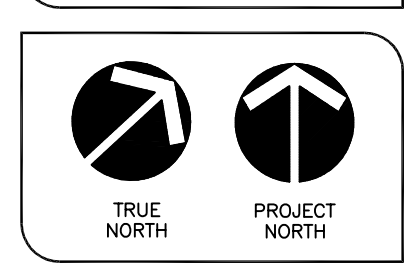
NOTES

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No	DATE	ISSUED FOR
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PROFESSIONAL ENGINEER
SURI & ASSOCIATES LTD.
APR 22/26
PROFESSIONAL ENGINEER
REGISTERED IN ONTARIO

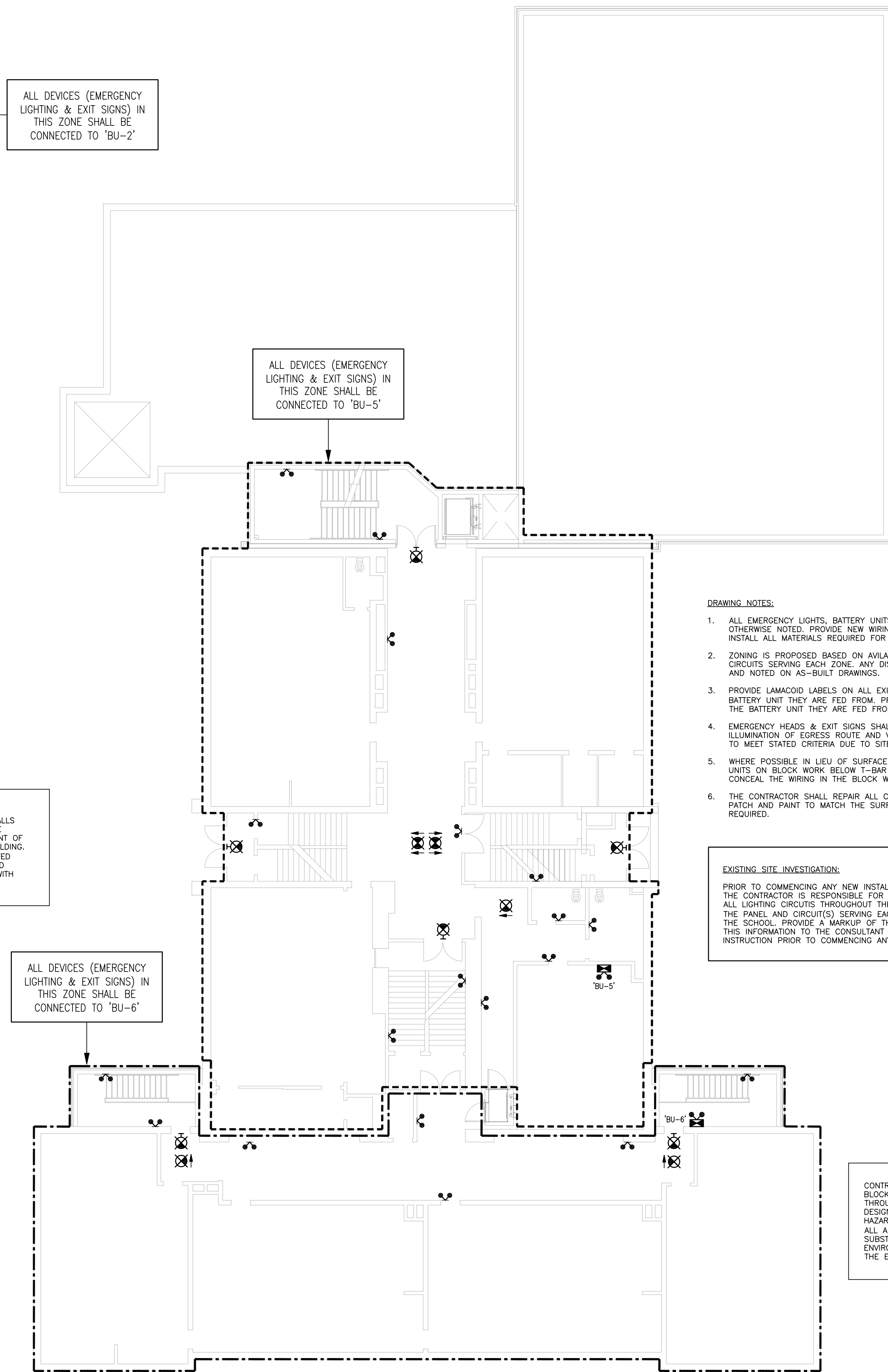
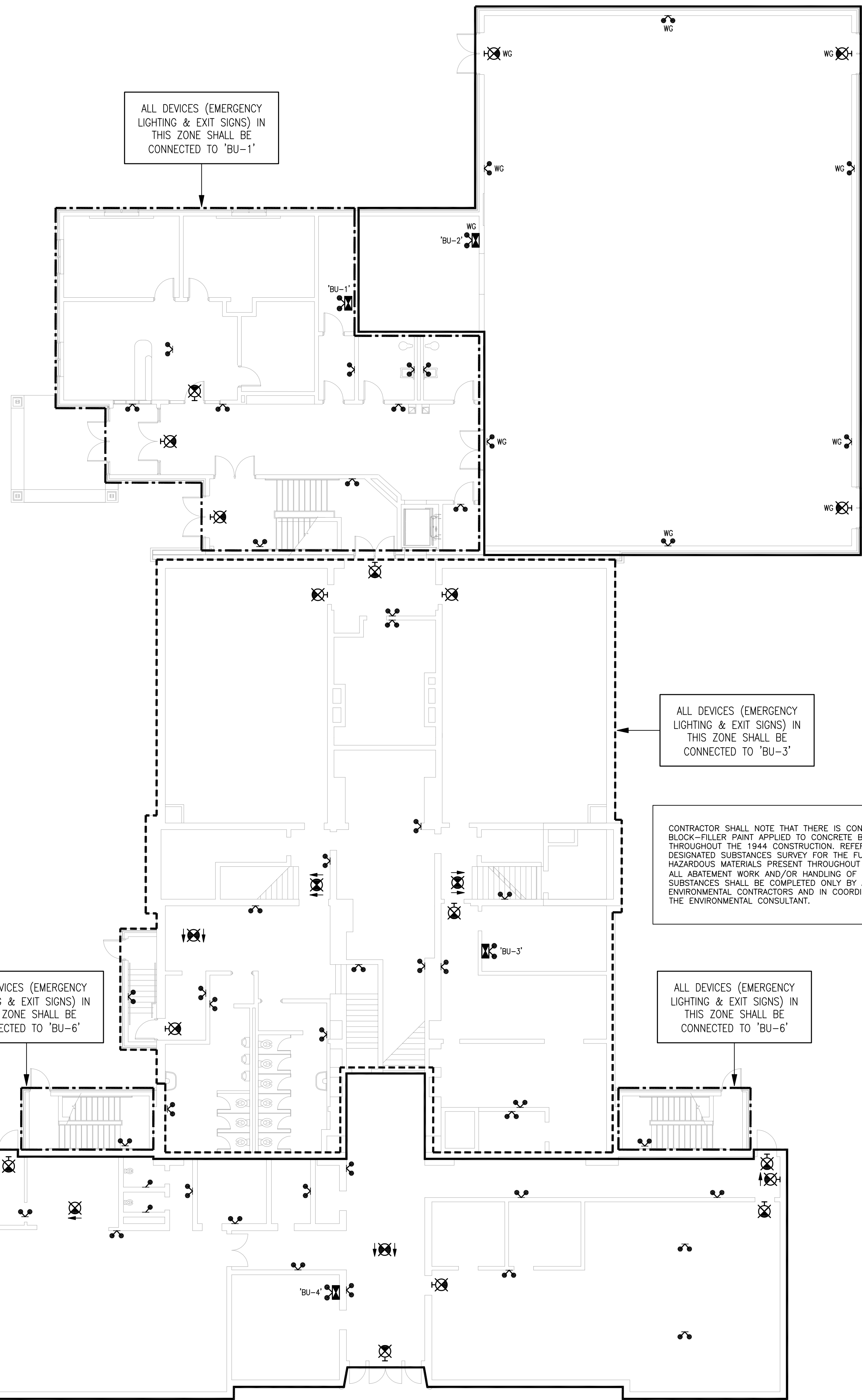
ELECTRICAL CONSULTANT:
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ENGINEERING CONSULTANTS
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SECURITY
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SCHOOL
LAKESHORE PUBLIC SCHOOL
LOCATION
2243 LAKESHORE ROAD
BURLINGTON, ONTARIO

LAST UPDATED: JAN. 2026
PREVIOUS UPDATE: ---
GRADES: ---
SCALE: AS SHOWN
DRAWN: RS/SS
PROJECT LAST UPDATED: ---
YEAR BUILT: ---
AREA SQ. FT.: ---
CAD FILE NAME: ---

SHEET TITLE
SECOND FLOOR —
DEMOLITION
EMERGENCY
LIGHTING PLAN
PROJECT NAME
DIVISION NUMBER
E5



1 BASEMENT - NEW EMERGENCY LIGHTING PLAN
E6 SCALE: 1:125

2 FIRST FLOOR - NEW EMERGENCY LIGHTING PLAN
E6 SCALE: 1:125

DRAWING NOTES:

1. ALL EMERGENCY LIGHTS, BATTERY UNITS AND EXIT SIGNS SHOWN ON THIS LAYOUT ARE NEW UNLESS OTHERWISE NOTED. PROVIDE NEW WIRING AND RACEWAYS TO THE RESPECTIVE SOURCE. SUPPLY AND INSTALL ALL MATERIALS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
2. ZONING IS PROPOSED BASED ON AVAILABLE INFORMATION. CONTRACTOR SHALL TRACE AND VERIFY EXISTING CIRCUITS SERVING EACH ZONE. ANY DISCREPANCY SHALL BE BROUGHT TO CONSULTANT FOR RESOLUTION AND NOTED ON AS-BUILT DRAWINGS.
3. PROVIDE LAMACOID LABELS ON ALL EXIT SIGNS STATING THE ELECTRICAL PANEL, BRANCH CIRCUIT AND BATTERY UNIT THEY ARE FED FROM. PROVIDE LAMACOID LABELS ON ALL REMOTE HEADS/UNITS STATING THE BATTERY UNIT THEY ARE FED FROM. ALL LABELS SHALL BE VISIBLE FROM FLOOR LEVEL.
4. EMERGENCY HEADS & EXIT SIGNS SHALL BE LOCATED CLEAR OF OBSTRUCTION AND PROVIDE OPTIMUM ILLUMINATION OF EGRESS ROUTE AND VISIBILITY FROM FLOOR AREA BEING SERVED. ADJUST AS REQUIRED TO MEET STATED CRITERIA DUE TO SITE CONDITIONS.
5. WHERE POSSIBLE IN LIEU OF SURFACE MOUNT RACEWAY FOR EXIST SIGNS, REMOTE HEADS & BATTERY UNITS ON BLOCK WORK BELOW T-BAR CEILING, FISH THE BLOCK USING FLEXIBLE APPROVED CABLE TO CONCEAL THE WIRING IN THE BLOCK WORK.
6. THE CONTRACTOR SHALL REPAIR ALL CEILINGS WHERE THE CEILINGS ARE IMPACTED BY THE NEW WORK; PATCH AND PAINT TO MATCH THE SURROUNDING SURFACES; REPLACE ANY DAMAGED CEILING TILES WHERE REQUIRED.

EXISTING SITE INVESTIGATION:

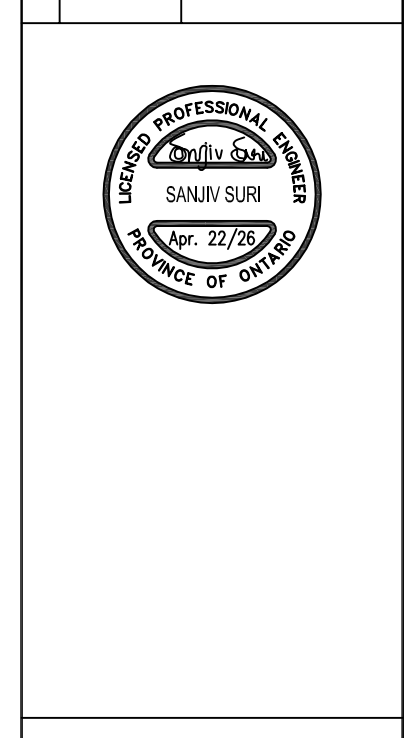
PRIOR TO COMMENCING ANY NEW INSTALLATION WORK ON SITE, THE CONTRACTOR IS RESPONSIBLE FOR TRACING AND VERIFYING ALL LIGHTING CIRCUITS THROUGHOUT THE ENTIRE SCHOOL. VERIFY THE PANEL AND CIRCUIT(S) SERVING EACH ROOM AND AREA IN THE SCHOOL. PROVIDE A MARKUP OF THE DRAWINGS DENOTING THIS INFORMATION TO THE CONSULTANT FOR REVIEW AND FURTHER INSTRUCTION PRIOR TO COMMENCING ANY WORK.

CONTRACTOR SHALL NOTE THAT THERE IS CONCRETE BLOCK-FILLER PAINT APPLIED TO CONCRETE BLOCK WALLS THROUGHOUT THE 1944 CONSTRUCTION. REFER TO THE DESIGNATED SUBSTANCES SURVEY FOR THE FULL EXTENT OF HAZARDOUS MATERIALS PRESENT THROUGHOUT THE BUILDING. ALL ABATEMENT WORK AND/OR HANDLING OF DESIGNATED SUBSTANCES SHALL BE COMPLETED ONLY BY APPROVED ENVIRONMENTAL CONTRACTORS AND IN COORDINATION WITH THE ENVIRONMENTAL CONSULTANT.

NOTES

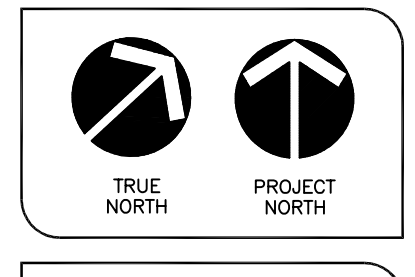
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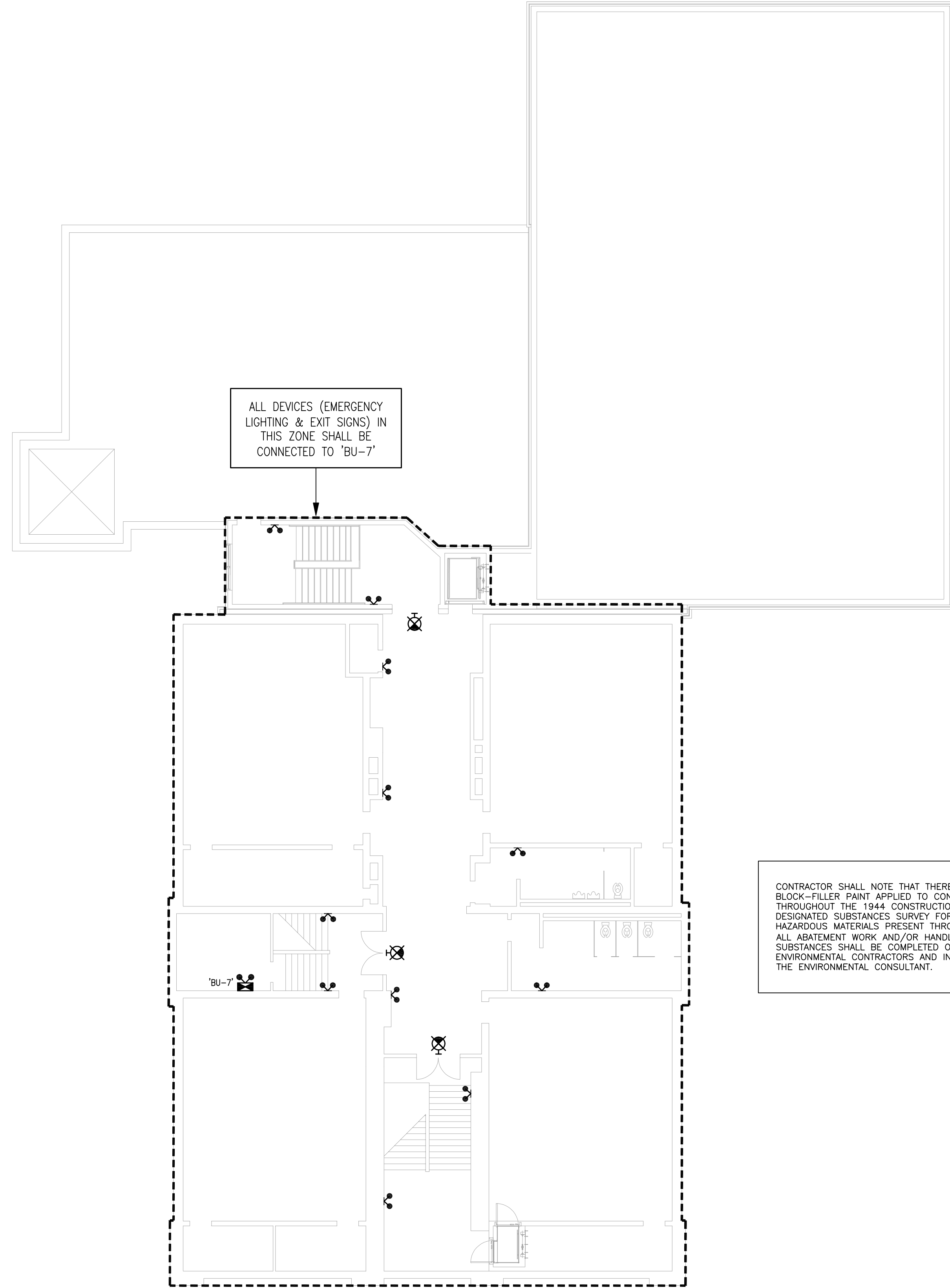
SCHOOL
LAKESHORE PUBLIC SCHOOL

LOCATION
2243 LAKESHORE ROAD
BURLINGTON, ONTARIO

LAST UPDATED	JAN. 2026
PREVIOUS UPDATE	
GRADES	---
SCALE	AS SHOWN
DRAWN	RS/SS
PROJECT LAST UPDATED	---
YEAR BUILT	---
AREA SQ. FT.	----
CAD FILE NAME	----

SHEET TITLE
BASEMENT & FIRST FLOOR - NEW EMERGENCY LIGHTING PLAN

PROJECT NAME	
DIVISION	NUMBER
	E6



DRAWING NOTES:

1. ALL EMERGENCY LIGHTS, BATTERY UNITS AND EXIT SIGNS SHOWN ON THIS LAYOUT ARE NEW UNLESS OTHERWISE NOTED. PROVIDE NEW WIRING AND RACEWAYS TO THE RESPECTIVE SOURCE. SUPPLY AND INSTALL ALL MATERIALS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
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5. WHERE POSSIBLE IN LIEU OF SURFACE MOUNT RACEWAY FOR EXIST SIGNS, REMOTE HEADS & BATTERY UNITS ON BLOCK WORK BELOW T-BAR CEILING, FISH THE BLOCK USING FLEXIBLE APPROVED CABLE TO CONCEAL THE WIRING IN THE BLOCK WORK.
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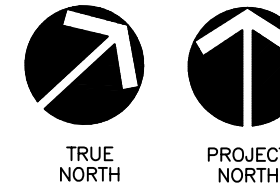
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YEAR BUILT	---
AREA SQ. FT.	----
CAD FILE NAME	----

SHEET TITLE
 SECOND FLOOR —
 NEW EMERGENCY
 LIGHTING PLAN

PROJECT NAME
 DIVISION NUMBER
 E7