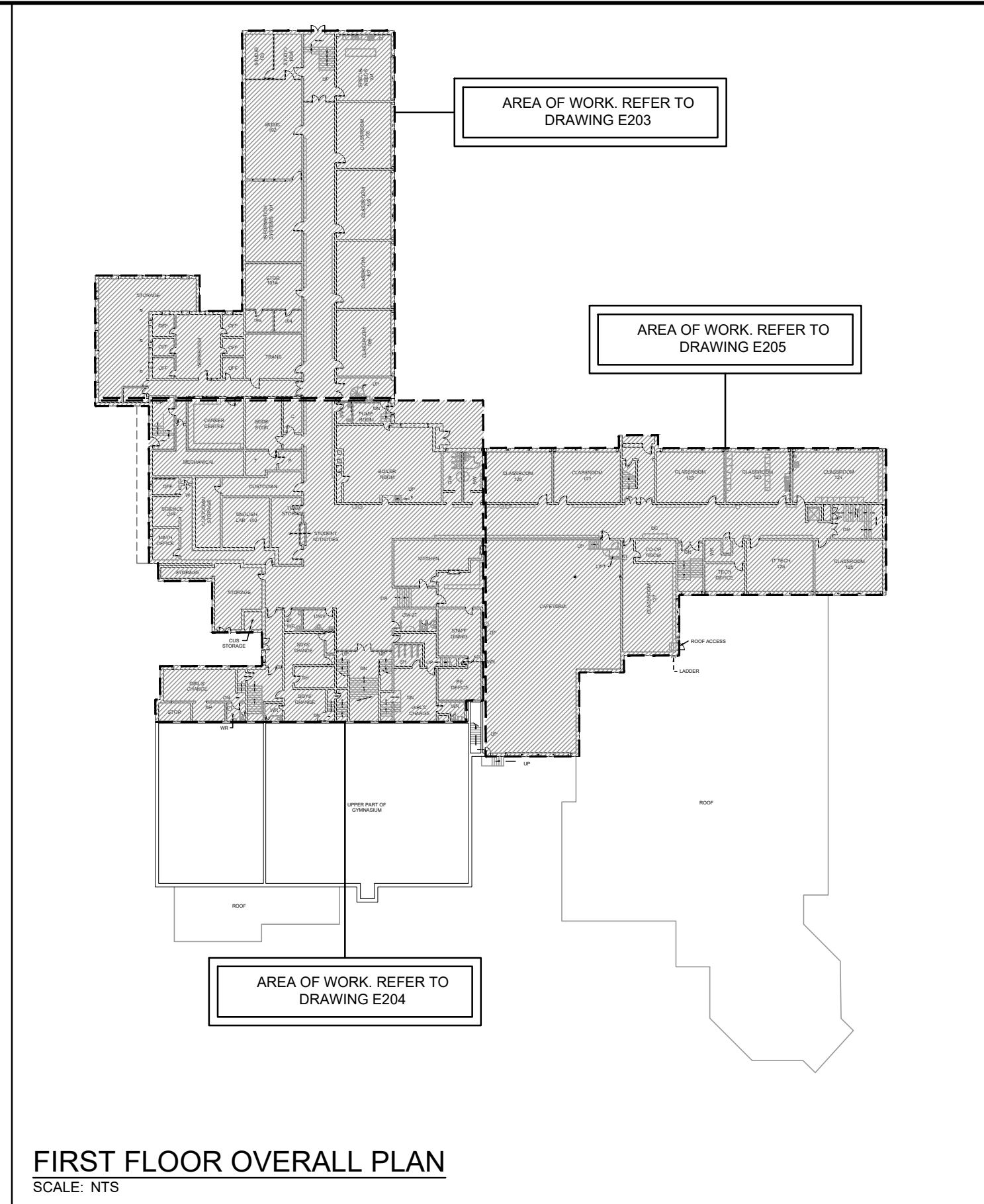
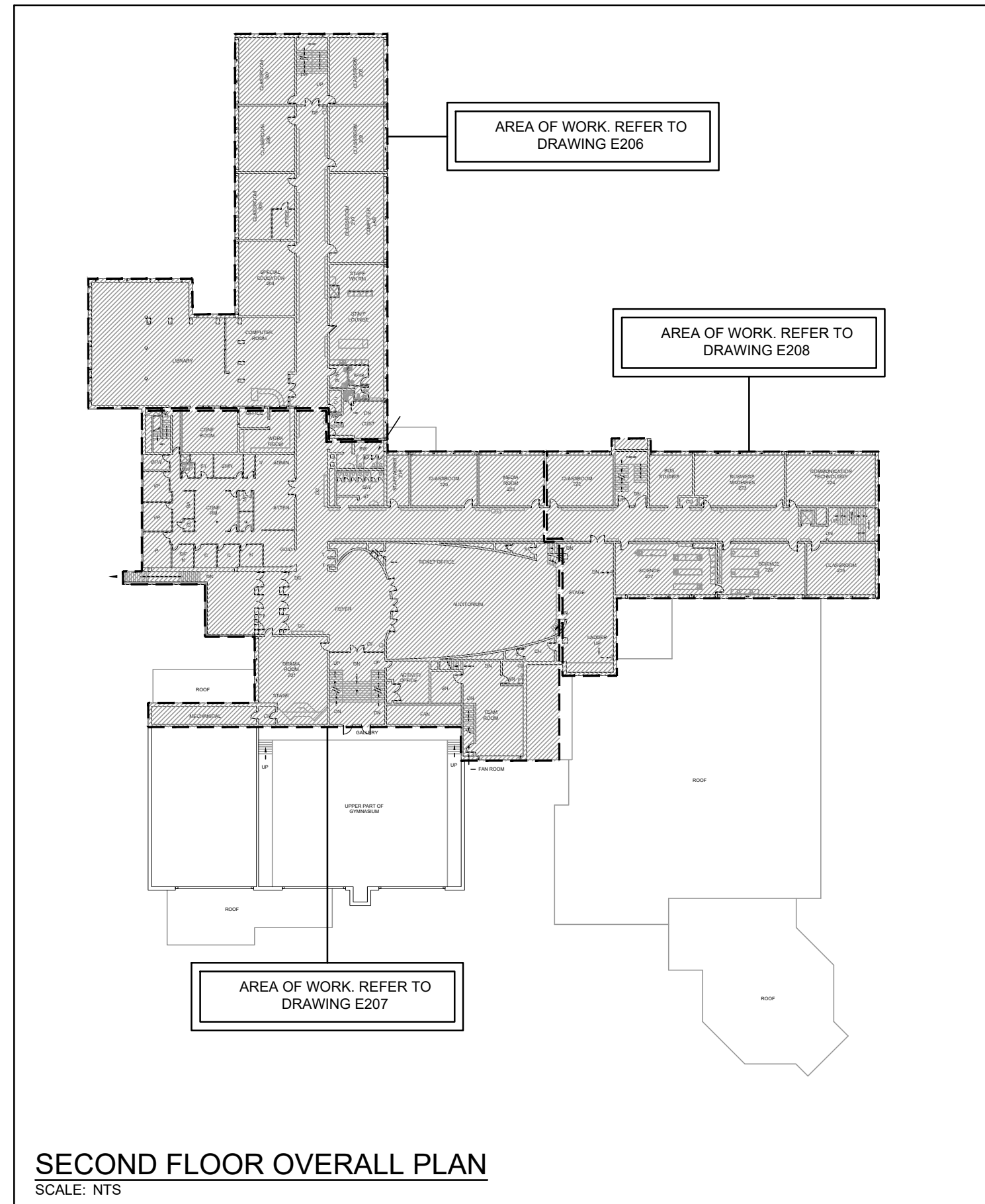


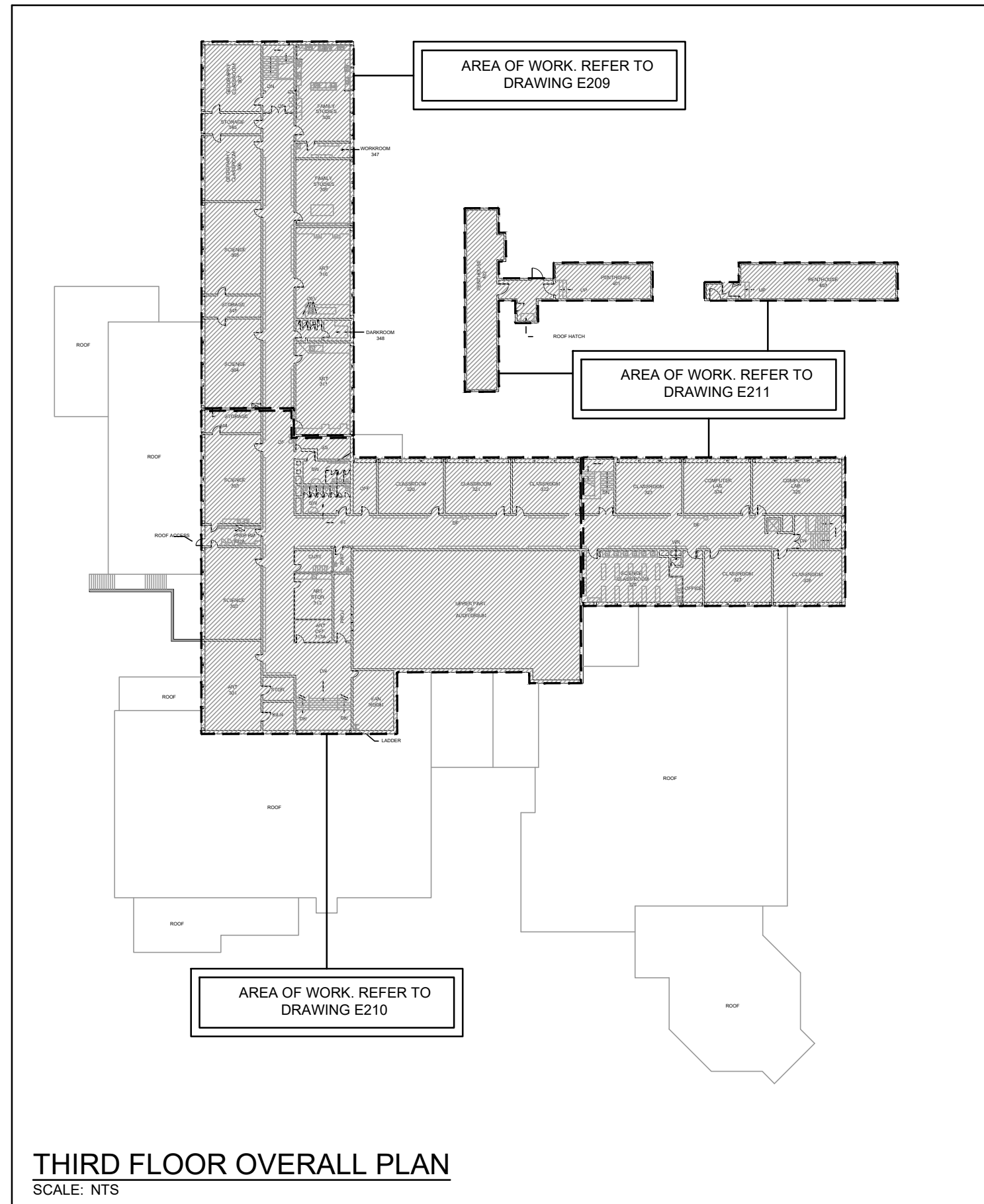
**BASEMENT OVERALL PLAN**  
SCALE: NTS



**FIRST FLOOR OVERALL PLAN**  
SCALE: NTS



**SECOND FLOOR OVERALL PLAN**  
SCALE: NTS

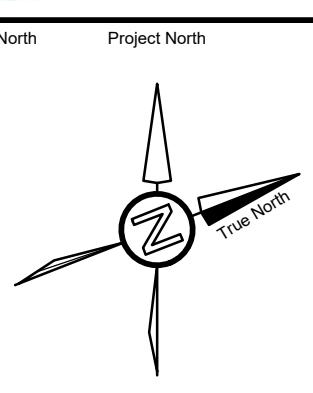
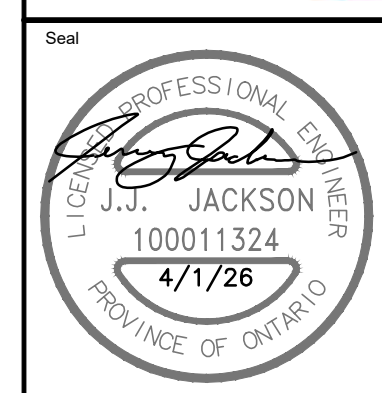


**THIRD FLOOR OVERALL PLAN**  
SCALE: NTS

ELECTRICAL SYMBOLS		NOTE: ALL SYMBOLS MAY NOT BE USED	
LIGHTING		POWER	
	LIGHT FIXTURE TYPE AS INDICATED		PANEL AS INDICATED
	LIGHT FIXTURE (HATCHING DENOTES NIGHTLIGHT)	GENERAL	
	CEILING OR WALL MOUNTED LIGHT FIXTURE TYPE AS INDICATED	ER	INDICATED EXISTING ITEM TO REMAIN
	SINGLE POLE SWITCH (3=3 WAY, 4=4 WAY, P=PILOT LIGHT, K=KEYED, DM=DIMMER, M=MOTOR RATED)	D	INDICATES EXISTING ITEM TO BE DELETED
	OCCUPANCY SENSOR (PASSIVE)	R	INDICATES EXISTING ITEM TO BE RELOCATED/IN RELOCATED POSITION
	CEILING MOUNTED MOTION SENSOR	WG	WIREGUARD
	WALL MOUNTED MOTION SENSOR	CLG	CEILING MOUNTED
	ANALOG POWER PACK		NOTE INDICATOR
STANDARD CIRCUIT LABELING			LIGHTING CONTROL SEQUENCE #
POWER PANEL LABEL CIRCUIT INDICATION SWITCH LEG (IF APPLICABLE)			

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 work. 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. © 2026 DEI Consulting Engineers Inc.

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No	DATE YY MM DD	DESCRIPTION	BY
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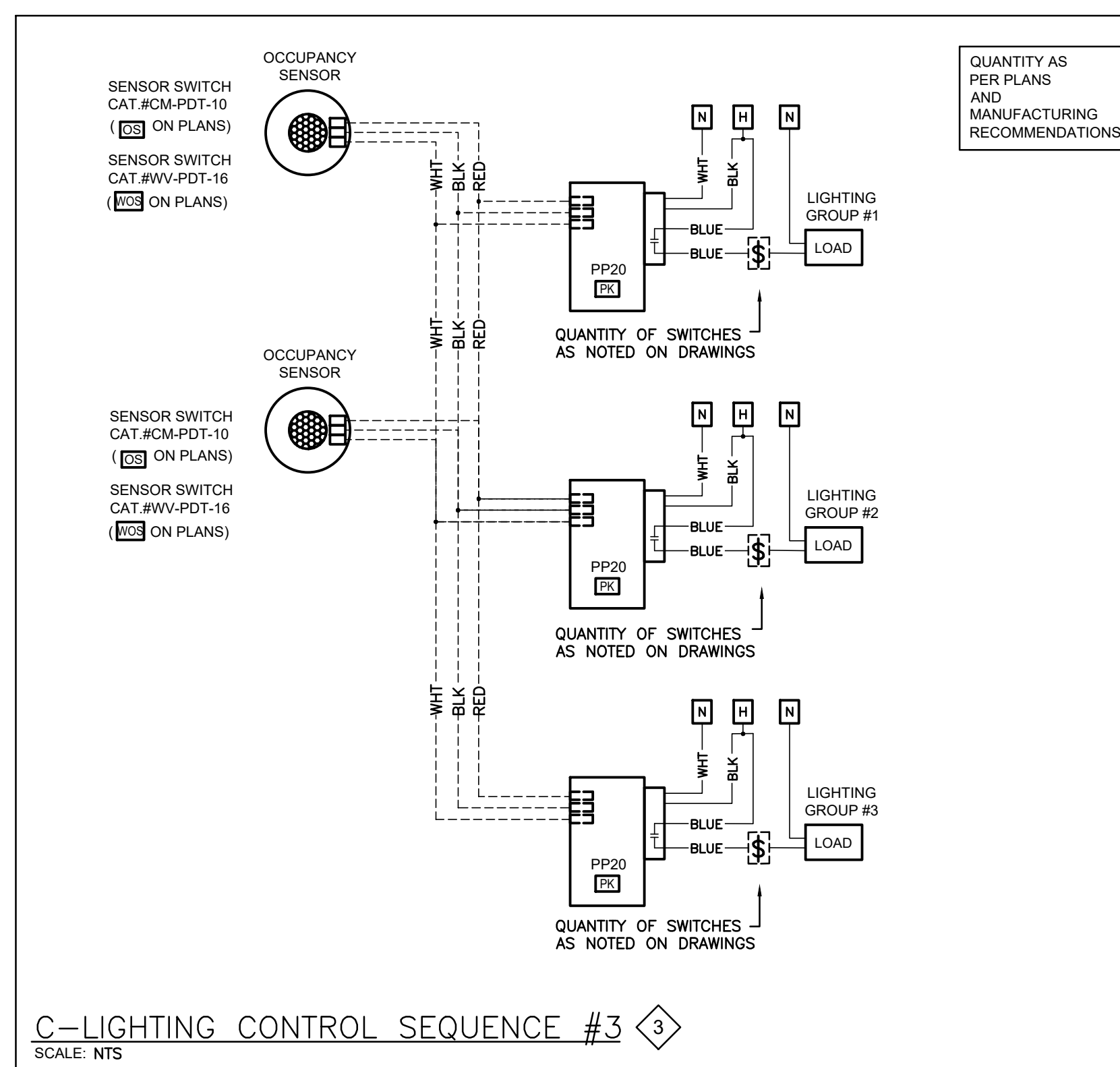
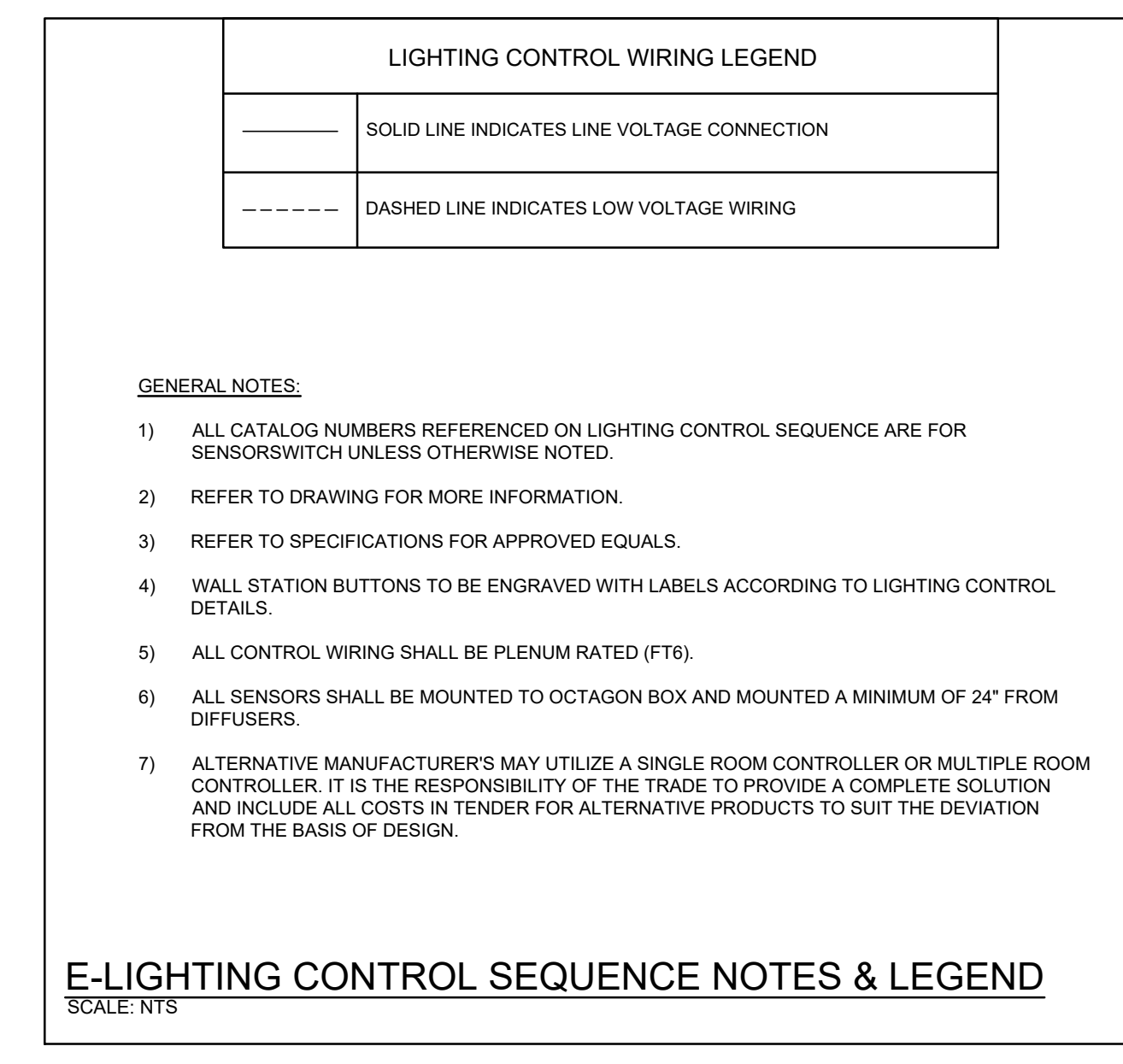
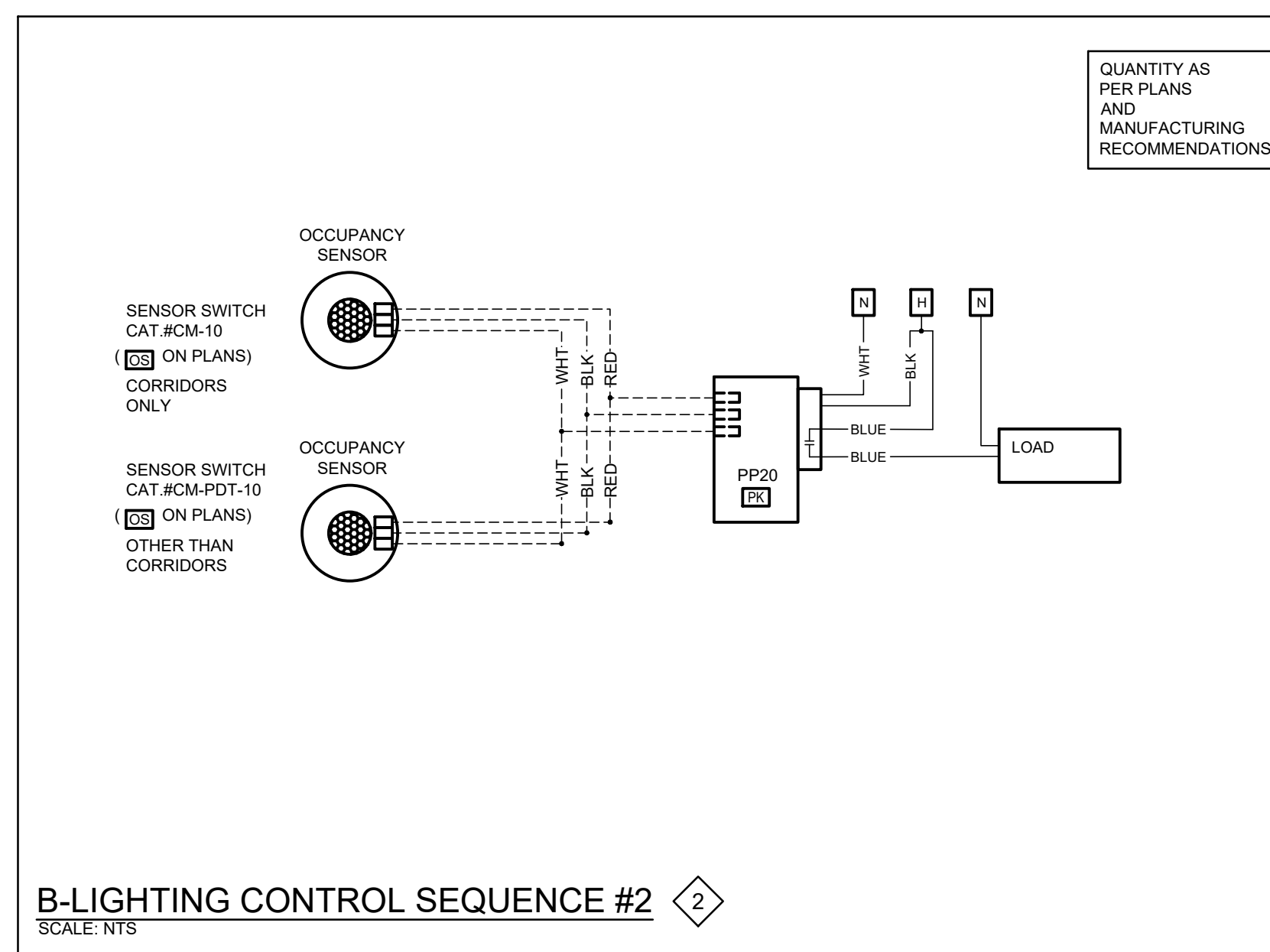
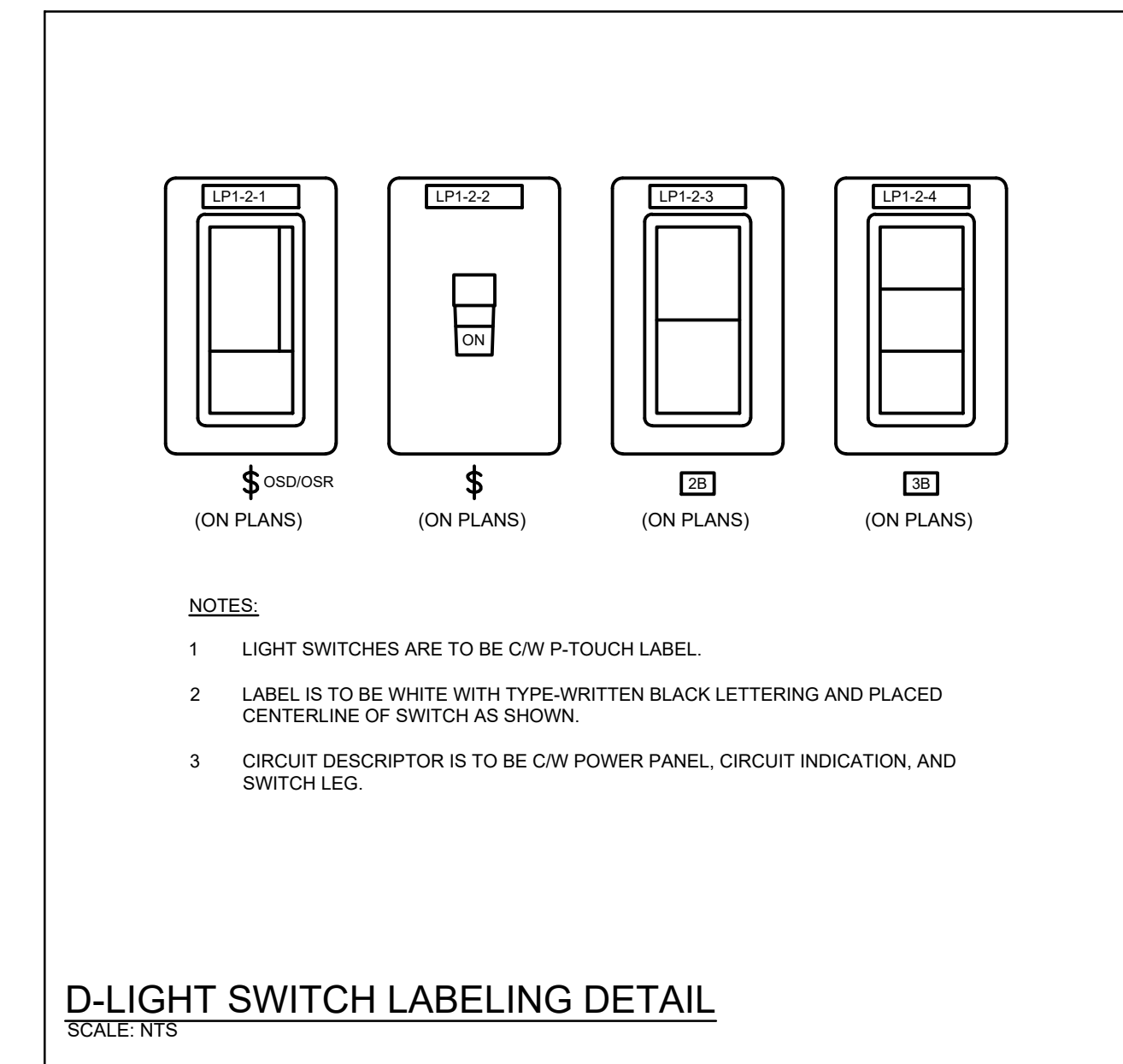
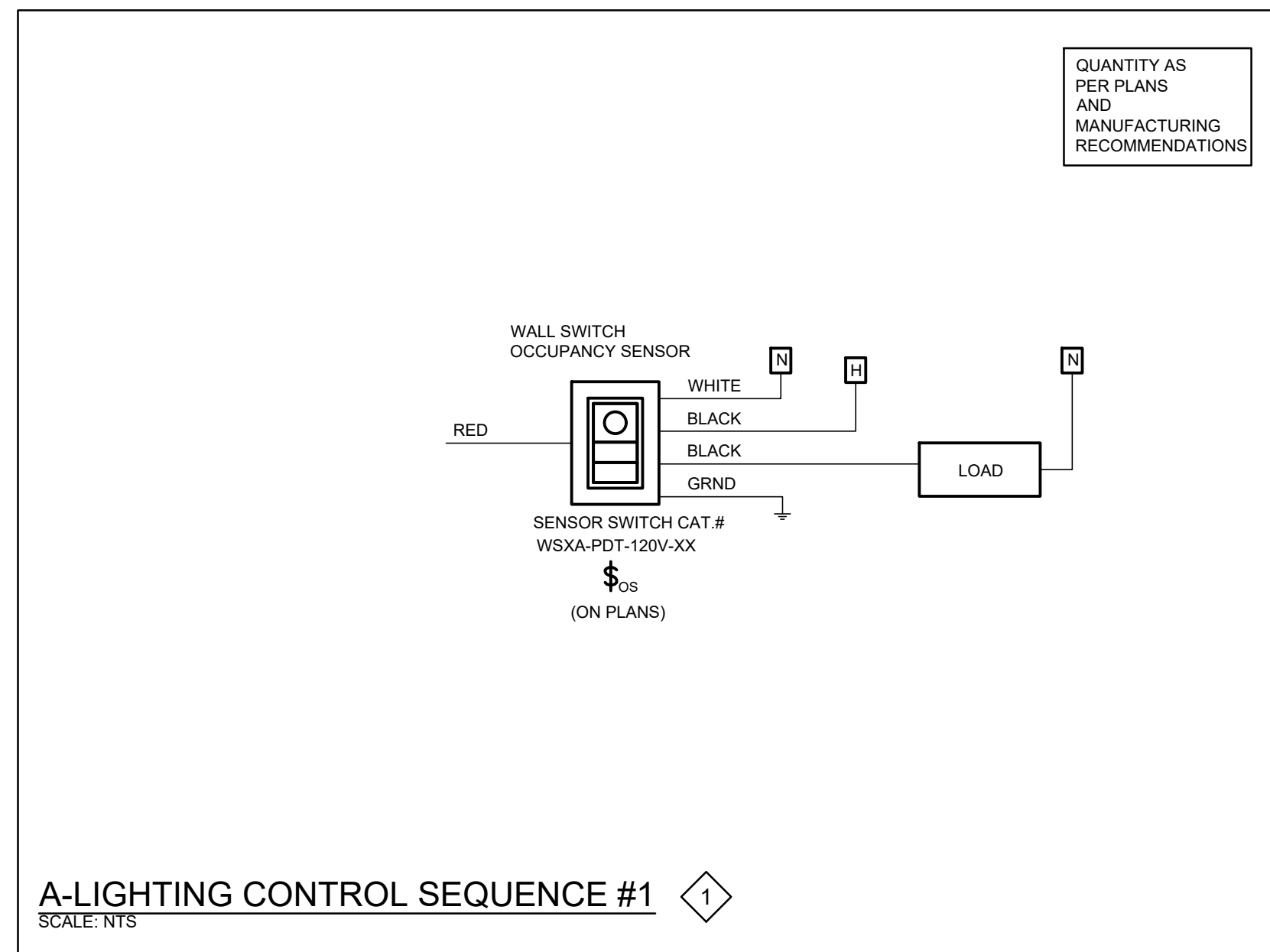
Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E., KITCHENER, ON N2H 1H6

Sheet Title  
**OVERALL PLANS  
AND LEGEND**

**DEI**  
Consulting Engineers  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No. 25355  
Drawing No. **E101**



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 work.

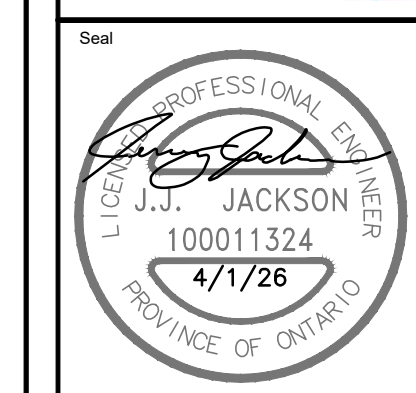
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Project

**WRDSB EASTWOOD CI INTERIOR & EXTERIOR LIGHTING UPGRADES**

760 WEBER ST. E. KITCHENER, ON N2H 1H6

Sheet Title

**LIGHTING CONTROL DETAILS**

**DEI Consulting Engineers**

MECHANICAL | ELECTRICAL | AQUATIC

55 Northland Road, Waterloo, ON N2V 3Y8  
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Scale AS NOTED	Project Date OCT 2025	Print Date

Project No. 25355

Drawing No. **E102**

### LIGHT FIXTURE SCHEDULE (INTERIOR LAMPS)

Item	Description	Mounting	Lamping	Retrofit Work	Retrofit Type
AA	2X4 TROFFER	RECESSED	2-32W T8	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	2-T8
AA1	2X4 TROFFER	RECESSED	3-32W T8	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	3-T8
AA2	2X4 SURFACE	SURFACE	3-32W T8	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	3-T8
AA3	2X4 TROFFER	RECESSED	4-32W T8	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	4-T8
BB	1X4 TROFFER	RECESSED	2-32W T8	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	2-T8
BB1	4' WRAP	SURFACE	2-32W T8	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	2-T8
FF	4' STRIP C/W WIREGUARD	SURFACE SUSPENDED	2-32W T8	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	2-T8
FF1	4' STRIP C/W WIREGUARD	SURFACE SUSPENDED	1-32W T8	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	1-T8
HH	2X4 ARCH. SURFACE PERFORATED LENS	SURFACE	2-28W T5	REMOVE EXISTING LAMPS AND BALLASTS. REWORK EXISTING WIRING TO SUIT 120VAC TO TOMBSTONE. PROVIDE TYPE 'B' T8 LED RETROFIT AS SPECIFIED.	2-T5

Notes:

- LED LUMEN VALUES QUOTED FOR FIXTURES ARE TO BE CONSIDERED MINIMUM, AND AS ABSOLUTE OR DELIVERED LUMENS. LUMEN VALUES SHOULD NOT EXCEED MORE THAN 10% OF SPECIFIED OUTPUT.
- EQUAL MANUFACTURERS/SUPPLIERS MUST CONFIRM THE PROPOSED FIXTURE BY EMAIL WITH CONSULTANTS OFFICE A MINIMUM OF 10 DAYS PRIOR TO TENDER CLOSE.
- IF THERE ARE ANY DISCREPANCIES BETWEEN THE FIXTURE PART NUMBER AND DESCRIPTION, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO BRING THESE TO THE ELECTRICAL CONSULTANTS ATTENTION PRIOR TO TENDER CLOSE. NO EXTRAS WILL BE ENTERTAINED FOR FAILURE TO DO SO. FINAL FIXTURE CHARACTERISTICS AND DESCRIPTION WILL BE MARKED BY CONSULTANT AT TIME OF SHOP DRAWING REVIEW.

### LIGHT FIXTURE SCHEDULE (INTERIOR LAMPS)

Item	Manufacturer/Catalog Number	Voltage	Lamp					Mounting	Listings	Description
			Type	Lumens	Colour Temperature	Wattage	CRI			
T8	TUROLIGHT CAT. #VIV-T8BPS4/10.5W/40/F/DE EARTHTRONICS MODEL CAT. #L1814840BDECT EIKO MODEL CAT. #09735 LED14W/T8P48/840-GBD GE CURRENT CAT. #LED13BDT8/G4/840XL/CVG XTC LIGHTING CAT. #T8-48T-14W-XY-DE	120V	1-T8	1700	4000K	10.5W	80	EXISTING	N/A	1-T8 LED TYPE RETROFIT
T5	TUROLIGHT CAT. #HD-T5BSP13W/5CCT/F/120-347V EARTHTRONICS MODEL CAT. #L1525840BDECT EIKO MODEL CAT. #L13W15-46-BDP-840	120V	1-T5	1700	4000K	13W	80	EXISTING	N/A	1-T5 LED TYPE RETROFIT
DTT	PLT LIGHTING CAT. #PLT-20330	120V	G24Q	1350	4000K	9.5W	80	EXISTING	N/A	CFL BULB - G24Q BASE

Notes:

- LED LUMEN VALUES QUOTED FOR FIXTURES ARE TO BE CONSIDERED MINIMUM, AND AS ABSOLUTE OR DELIVERED LUMENS. LUMEN VALUES SHOULD NOT EXCEED MORE THAN 10% OF SPECIFIED OUTPUT.
- EQUAL MANUFACTURERS/SUPPLIERS MUST CONFIRM THE PROPOSED FIXTURE BY EMAIL WITH CONSULTANTS OFFICE A MINIMUM OF 10 DAYS PRIOR TO TENDER CLOSE.
- IF THERE ARE ANY DISCREPANCIES BETWEEN THE FIXTURE PART NUMBER AND DESCRIPTION, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO BRING THESE TO THE ELECTRICAL CONSULTANTS ATTENTION PRIOR TO TENDER CLOSE. NO EXTRAS WILL BE ENTERTAINED FOR FAILURE TO DO SO. FINAL FIXTURE CHARACTERISTICS AND DESCRIPTION WILL BE MARKED BY CONSULTANT AT TIME OF SHOP DRAWING REVIEW.

### INTERIOR LIGHT FIXTURE SCHEDULE

Type	Manufacturer/Catalog Number	Voltage	Lamp					Driver/Dimming Protocol	Mounting	Listings	Description
			Type	Lumens	Colour Temp	Wattage	CRI				
A	LITHONIA CAT. #CSS L48 ALO3 MVOLT SWW3 80CRI COOPER CAT. #4SNX LW 120V C083 CD1 SIGNIFY CAT. #SDS 4 2550L CST UN3 DIM	120V	LED	3000	4000K	22	80	N/A	SURFACE	DLC ENERGY STAR	4' (1220mm) SURFACE LED STRIP LIGHT C/W SELECTABLE LUMENS, SWITCHABLE WHITE, DIFFUSER ACRYLIC LENS, . 10% 0-10V DIMMING
A1	LITHONIA CAT. #CSS L24 ALO15 MVOLT SWW3 80CRI COOPER CAT. #2SNX LW 120V C083 CD1 SIGNIFY CAT. #SDS 2 1224L CST UN3 DIM	120V	LED	1600	4000K	13	80	N/A	SURFACE	DLC ENERGY STAR	2' (610mm) SURFACE LED STRIP LIGHT C/W SELECTABLE LUMENS, SWITCHABLE WHITE, DIFFUSER ACRYLIC LENS, 10% 0-10V DIMMING
B	LITHONIA CAT. #BLWP4 40L 120V ADSM GZ1 LP840 MSPDPT7ADCX COOPER CAT. #NWS3C3-NUV-MS SIGNIFY CAT. #FLP 4 40L 840 R 120 DIM SWZCS/S	120V	LED	4000	4000K	35	80	N/A	SURFACE / WALL	DLC ENERGY STAR	4' (1220mm) LONG LED CUBE LUMINAIRE C/W FROSTED ACRYLIC LENS, WHITE FINISH, AND BUILT-IN INTEGRAL OCCUPANCY SENSOR.
B1	LITHONIA CAT. #BLWP4 40L 120V ADSM GZ1 LP840 COOPER CAT. #NWS3C3-NUV SIGNIFY CAT. #FLP 4 40L 840 R 120 DIM	120V	LED	4000	4000K	35	80	N/A	WALL	DLC ENERGY STAR	4' (1220mm) LONG LED CUBE LUMINAIRE C/W FROSTED ACRYLIC LENS, AND WHITE FINISH.

Notes:

- LED LUMEN VALUES QUOTED FOR FIXTURES ARE TO BE CONSIDERED MINIMUM, AND AS ABSOLUTE OR DELIVERED LUMENS. LUMEN VALUES SHOULD NOT EXCEED MORE THAN 10% OF SPECIFIED OUTPUT.
- TENDER PRICE TO INCLUDE ONLY APPROVED MANUFACTURERS LISTED ON SCHEDULE. EQUAL MANUFACTURERS ARE NOT BEING CONSIDERED FOR THIS TENDER UNLESS SPECIFICALLY IDENTIFIED ON SCHEDULE FOR NOTED FIXTURE TYPES. FOR NOTED APPROVED EQUALS TO BE CONSIDERED APPROVED, MANUFACTURERS/SUPPLIERS MUST CONFIRM THE PROPOSED EQUAL BY EMAIL WITH CONSULTANTS OFFICE PRIOR TO PROJECT ADDENDUM PERIOD CLOSE.
- WHERE NOTED ABOVE THAT FIXTURES ARE TO HAVE FINISH TO SUIT ARCHITECT THE FINISH WILL BE SELECTED FROM MANUFACTURER'S AVAILABLE STANDARD FINISHES.
- IT IS THE RESPONSIBILITY OF THIS ELECTRICAL CONTRACTOR TO IDENTIFY TO THE ELECTRICAL CONSULTANTS ATTENTION ANY DISCREPANCIES BETWEEN THE FIXTURE CATALOG NUMBER AND FIXTURE DESCRIPTION, AND OR VOLTAGE, OUTPUT, OR MOUNTING, PRIOR TO TENDER CLOSE. NO EXTRAS WILL BE ENTERTAINED FOR FAILURE TO DO SO. FINAL FIXTURE CHARACTERISTICS AND DESCRIPTION WILL BE MARKED BY CONSULTANT AT THE TIME OF SHOP DRAWING REVIEW. FOR THE PURPOSES OF BIDDING, INCLUDE FOR A FIXTURE MATCHING THE VOLTAGE, MOUNTING, LOCATION AND NOTATIONS SHOWN ON LIGHTING DESIGN DRAWINGS.

### LIGHT FIXTURE SCHEDULE (EXTERIOR)

Item	Manufacturer/Catalog Number	Voltage	Lamp					Mounting	Listings	Description
			Type	Lumens	Colour Temperature	Wattage	CRI			
BA1	COOPER CAT. #GRZ-05L-930-10X10FR-OD-UNV-S-ADJ-STD-4FT C/W LM-KIT-ANG-MNT01 SALEX CAT. #PEX-MO-30K-10-SM-48-120-DIM-MG SSL LIGHTING CAT. #LZWET-4-UNV-630-16L-9-LD-SC05LZWET-TCAPLZWET	120V	LED	1750	3000K	19.3W	90	SURFACE	WET LOC.	LINEAR 4' WALL GRAZE FIXTURE. PROVIDE JUMPER CABLES, REMOTE DRIVERS, MOUNTING HARDWARE, AND ALL OTHER ACCESSORIES TO SUIT LINEAR RUN.
BA2	COOPER CAT. #GRZ-05L-930-ASYMx40-OD-UNV-S-ADJ-STD-4FT C/W LM-KIT-ANG-MNT01 INSIGHT LIGHTING CAT. #PEX SERIES SSL LIGHTING CAT. #LZWET SERIES	120V	LED	1750	3000K	19.3W	90	WALL	WET LOC.	LINEAR 4' WALL GRAZE FIXTURE MOUNTED FROM EXTENDED 18" ARMS. PROVIDE JUMPER CABLES, REMOTE DRIVERS, MOUNTING HARDWARE, AND ALL OTHER ACCESSORIES TO SUIT LINEAR RUN. NOTE: PROVIDE 18" MOUNTING ARM TO SUIT EXTENSION FROM WALL.
BB1	LUMINAIRE CAT. #FFW1212 MIN10 40W 30K MVOLT CLP BRZ WL	120V	LED	3502	3000K	41W	70	SURFACE	WET LOC.	12" (304.8mm) SURFACE MOUNT VANDAL RESISTANT LED FIXTURE C/W DIMMING TO 10%, CLEAR PRISMATIC LENS, BRONZE FINISH, AND WET LOCATION LISTING.
BB2	LUMINAIRE CAT. #APX13-NODIM-15W-30K-120-FCL-GRY C/W SHCAB-PHSC	120V	LED	978	3000K	15W	80	SURFACE	WET LOC.	13" (330mm) SURFACE MOUNT VANDAL RESISTANT LED FIXTURE, FULL-CUT OFF LENS, WET LOCATION LISTED.
BB3	LUMINAIRE CAT. #APX13-NODIM-25W-30K-120-FCL-GRY C/W SHCAB-PHSC	120V	LED	1600	3000K	25W	80	SURFACE	WET LOC.	13" (330mm) SURFACE MOUNT VANDAL RESISTANT LED FIXTURE, FULL-CUT OFF LENS, WET LOCATION LISTED.
BC1	LITHONIA CAT. #WST-LED-P2-30K-VW-MVOLT-PBBW-DOBXD COOPER CAT. #GKO SERIES GARDCO CAT. #GWS SERIES	120V	LED	2750	3000K	20.1W	80	WALL	WET LOC.	COMPLETE CUT OFF TRAPEZOIDAL LED WALL PACK FIXTURE C/W TYPE 'VERY WIDE' DISTRIBUTION, FULL CUT-OFF DARK SKY COMPLIANT, 600mA DRIVER, AND DARK BRONZE FINISH. PROVIDE PREMIUM SURFACE MOUNTED BACKBOX.
BC2	LITHONIA CAT. #WST-LED-P3-30K-VW-MVOLT-PBBW-DOBXD COOPER CAT. #GKO SERIES GARDCO CAT. #GWS SERIES	120V	LED	6240	3000K	50W	80	WALL	WET LOC.	COMPLETE CUT OFF TRAPEZOIDAL LED WALLPACK FIXTURE C/W TYPE 'VERY WIDE' DISTRIBUTION, FULL CUT-OFF DARK SKY COMPLIANT, 600mA DRIVER, AND DARK BRONZE FINISH. PROVIDE PREMIUM SURFACE MOUNTED BACKBOX.
BE1	LITHONIA CAT. #DSX1 LED-P2-30K-TFTM-MVOLT-WBA-DOBXD SIGNIFY CAT. #P15 SERIES MCGRAW-EDISON CAT. #GALN SERIES	120V	LED	9573	3000K	68W	80	WALL	WET LOC.	WALL MOUNTED LED FIXTURE C/W EXTRUDED ALUMINUM ENCLOSURE, LOW PROFILE DESIGN, TYPE FORWARD THROW MEDIUM DISTRIBUTION OPTICS. ENTIRE ASSEMBLY SHALL HAVE DARK BRONZE FINISH.
BE2	LITHONIA CAT. #DSX1 LED-P2-30K-T4M-MVOLT-WBA-DOBXD SIGNIFY CAT. #P15 SERIES MCGRAW-EDISON CAT. #GALN SERIES	120V	LED	9507	3000K	68W	80	WALL	WET LOC.	WALL MOUNTED LED FIXTURE C/W EXTRUDED ALUMINUM ENCLOSURE, LOW PROFILE DESIGN, TYPE 4' MEDIUM DISTRIBUTION OPTICS. ENTIRE ASSEMBLY SHALL HAVE DARK BRONZE FINISH.
BF1	LITHONIA CAT. #WXP0 LED ALO 4 SWW2 MVOLT DOBXD COOPER CAT. #XTOR SERIES	120V	LED	1591	3000K	13W	70	WALL	WET LOC.	WALL MOUNTED LED FIXTURE C/W SWITCHABLE LUMENS AND COLOUR TEMPERATURE, AND DARK BRONZE FINISH. SET FIXTURE TO 3000K COLOUR TEMPERATURE.
BG1	COOPER CAT. #NFFLD-C25-E-UNV-66-T-CB-7030-TS2/NFFLD-XX LITHONIA CAT. #DSXP2 LED SERIES	120V	LED	10530	3000K	13W	70	WALL	WET LOC.	WALL MOUNTED FLOODLIGHT C/W TOP AND SIDE VISOR ACCESSORY, TRUNNION MOUNTING, AND DARK BRONZE FINISH.
BH1	FC LIGHTING CAT. #FC060-10-WM-UNV-930-20L-BRE-WW-ET SPEC LIGHT CAT. #CWO612PC 20L 30K ND EX SO WM CC	120	LED	2000	3000K	19W	90	WALL	WET LOC.	6" DIAMETER WALL MOUNTED CYLINDER FIXURE C/W WALL WASH DISTRIBUTION AND DARK BRONZE FINISH.

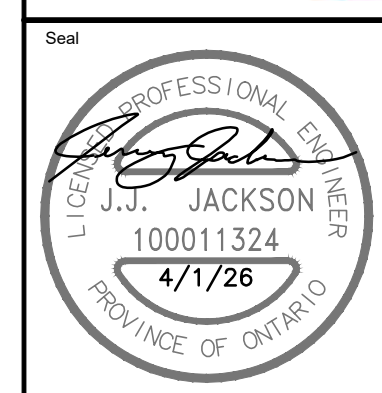
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- TENDER PRICE TO INCLUDE ONLY APPROVED MANUFACTURERS LISTED ON SCHEDULE. EQUALS SHALL BE APPROVED BY CONSULTANTS OFFICE PRIOR TO PROJECT ADDENDUM PERIOD CLOSE. PROPOSED MANUFACTURER'S SHALL INCLUDE PHOTOMETRIC STUDY RESULTS WITHIN SUBMISSION.
- IT IS THE RESPONSIBILITY OF THIS ELECTRICAL CONTRACTOR TO IDENTIFY TO THE ELECTRICAL CONSULTANTS ATTENTION ANY DISCREPANCIES BETWEEN THE FIXTURE CATALOG NUMBER AND FIXTURE DESCRIPTION, AND OR VOLTAGE, OUTPUT, OR MOUNTING, PRIOR TO TENDER CLOSE. NO EXTRAS WILL BE ENTERTAINED FOR FAILURE TO DO SO. FINAL FIXTURE CHARACTERISTICS AND DESCRIPTION WILL BE MARKED BY CONSULTANT AT THE TIME OF SHOP DRAWING REVIEW. FOR THE PURPOSES OF BIDDING, INCLUDE FOR A FIXTURE MATCHING THE VOLTAGE, MOUNTING, LOCATION AND NOTATIONS SHOWN ON LIGHTING DESIGN DRAWINGS.

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### WRDSB EASTWOOD CI INTERIOR & EXTERIOR LIGHTING UPGRADES

760 WEBER ST. E. KITCHENER, ON N2H 1H6

#### SHEET TITLE LIGHTING FIXTURE SCHEDULES



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Phone: 519-725-3555  
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Drawn by HZ	Checked by RV	Approved by RV
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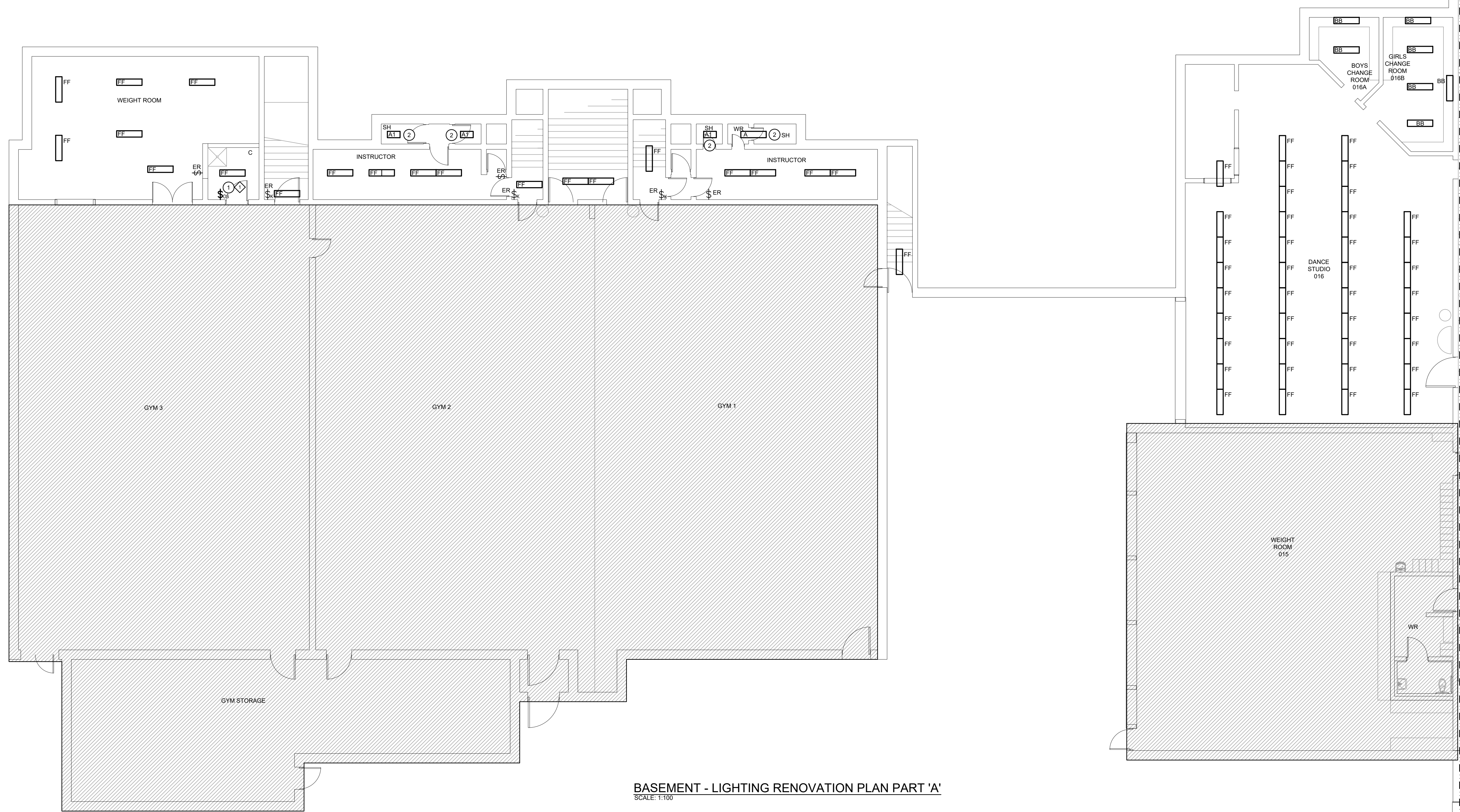
Project No. 25355 Drawing No. E103

**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

**SPECIFIC RENOVATION NOTES**

- 1 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.
- 2 REMOVE EXISTING FIXTURE. PROVIDE NEW COVER PLATE AS REQUIRED. PROVIDE NEW FIXTURE. THE DIMENSIONAL SIZE OF THE FIXTURE IS DIFFERENT.



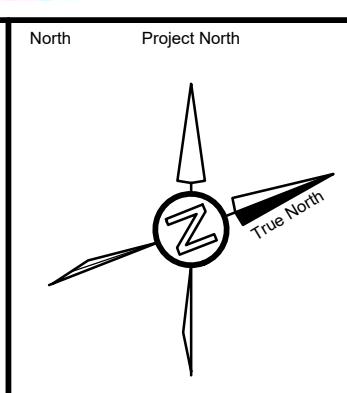
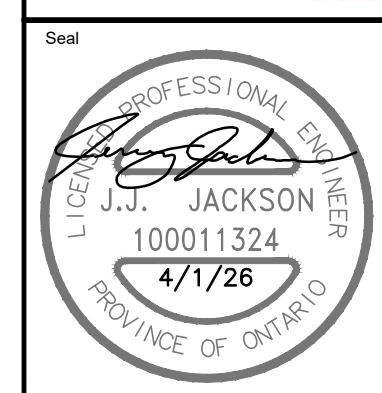
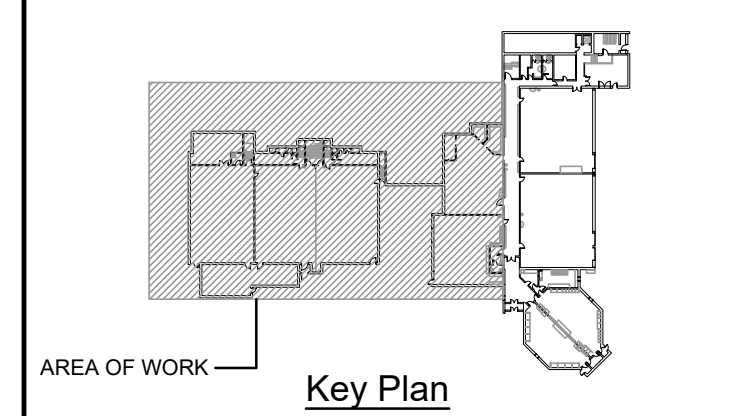
**BASEMENT - LIGHTING RENOVATION PLAN PART 'A'**  
SCALE: 1:100

REFER TO E202 FOR CONTINUATION

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 work. 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. © 2026 DEI Consulting Engineers Inc.

**ISSUANCES**

No	DATE YY MM DD	DESCRIPTION	BY
1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E., KITCHENER, ON N2H 1H6

Sheet Title  
**BASEMENT - LIGHTING  
RENOVATION PLAN PART 'A'**

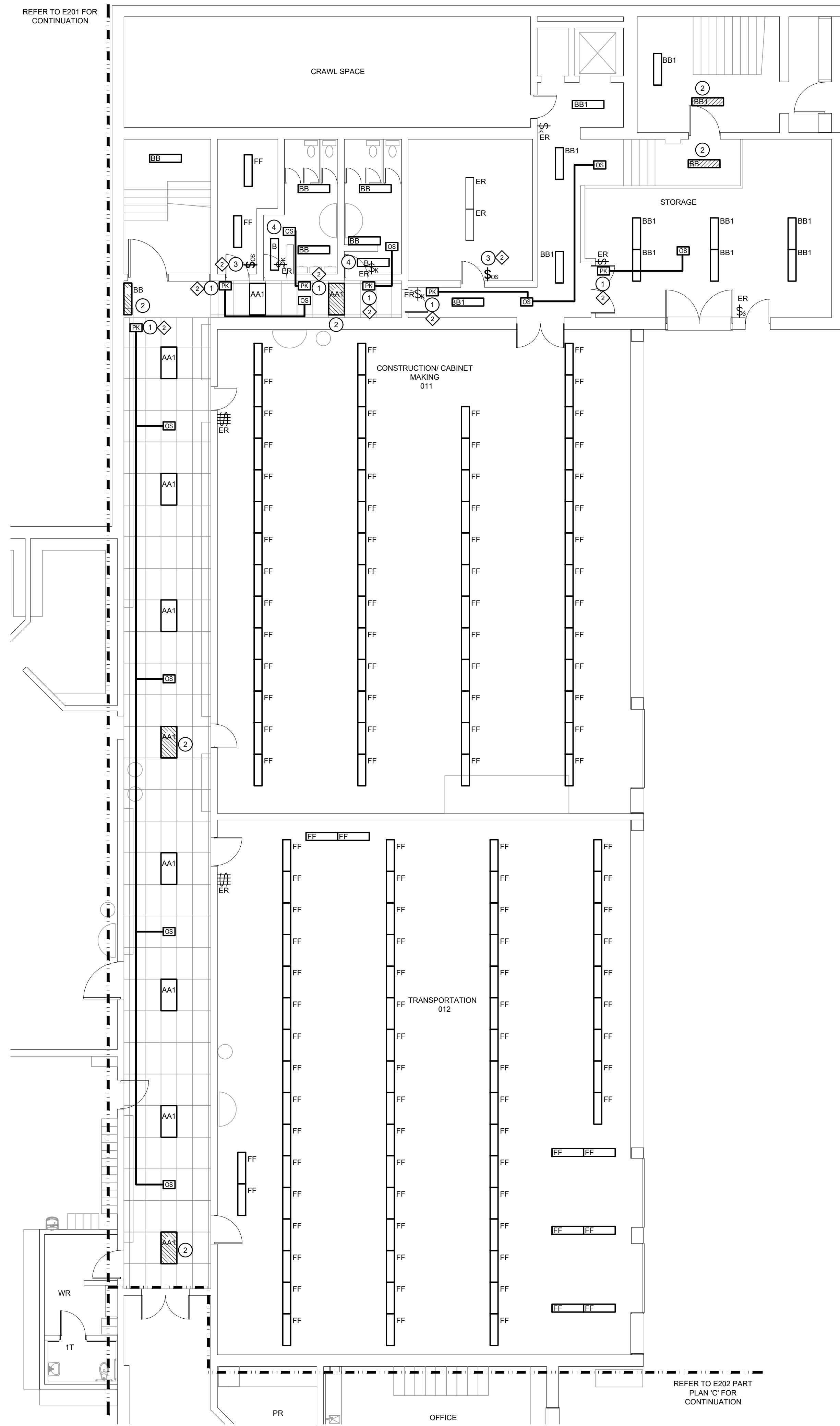
**DEI**  
**Consulting Engineers**  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 3Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No.  
**25355**

Drawing No.  
**E201**

REFER TO E201 FOR CONTINUATION



**BASEMENT - LIGHTING RENOVATION PLAN PART 'B'**  
SCALE: 1:100

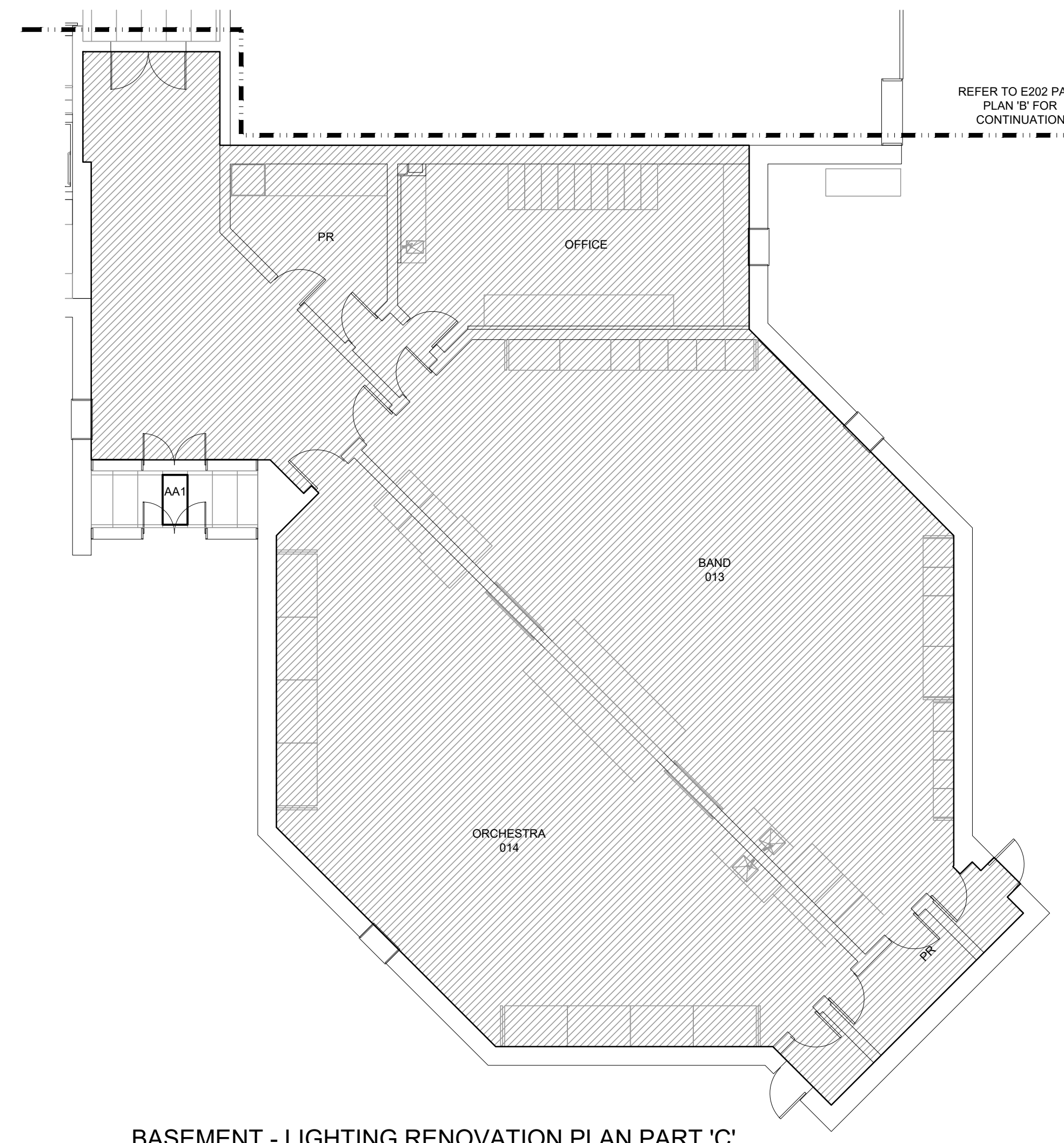
REFER TO E202 PART PLAN 'C' FOR CONTINUATION

**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

**SPECIFIC RENOVATION NOTES**

- 1 PROVIDE POWER PACK ABOVE ACCESSIBLE CEILING SPACE. REWORK/PROVIDE NEW WIRING AS REQUIRED. REFER TO LIGHTING CONTROL SEQUENCE.
- 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
- 3 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.
- 4 PROVIDE NEW FIXTURE WIRE TO LOCAL CORRIDOR LIGHTING CIRCUIT.



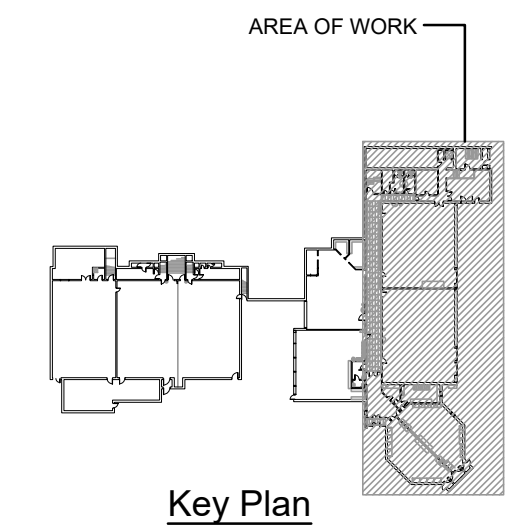
**BASEMENT - LIGHTING RENOVATION PLAN PART 'C'**  
SCALE: 1:100

REFER TO E202 PART PLAN 'B' FOR CONTINUATION

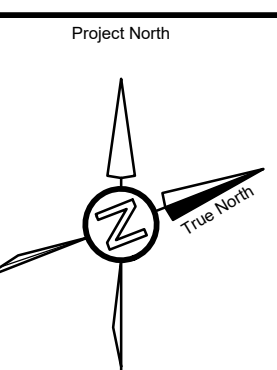
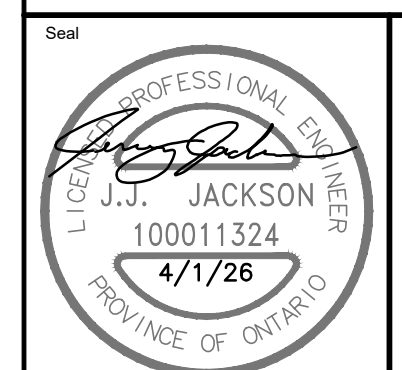
The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.  
The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant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

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1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



Key Plan



Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E. KITCHENER, ON N2H 1H6

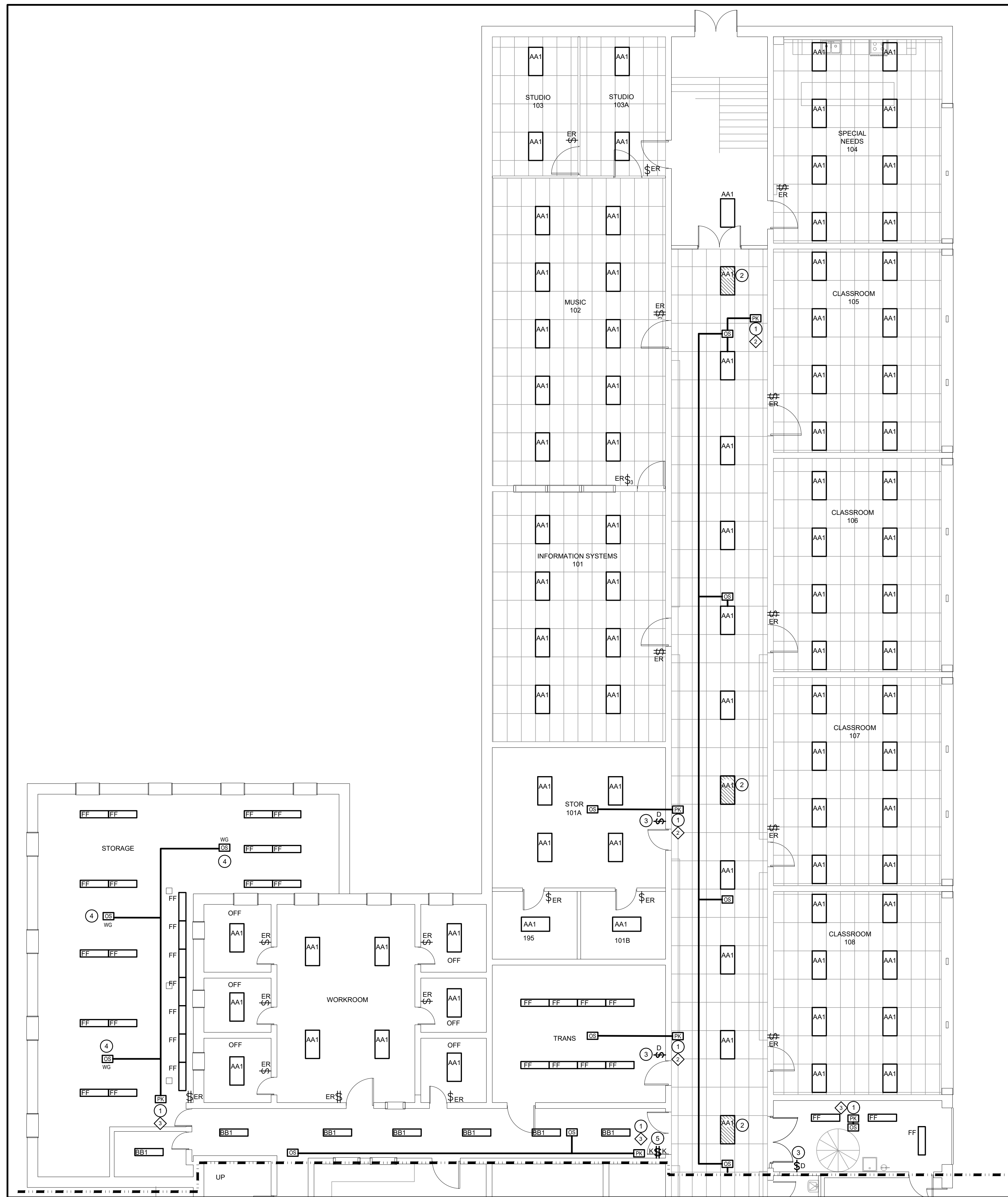
Sheet Title  
**BASEMENT - LIGHTING  
RENOVATION PLAN PART 'B'  
AND 'C'**

**DEI Consulting Engineers**  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

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Scale AS NOTED	Project Date OCT 2025	Print Date

Project No.  
**25355**

Drawing No.  
**E202**



GROUND FLOOR - LIGHTING RENOVATION PLAN PART 'A'  
SCALE: 1:100

REFER TO E204 FOR CONTINUATION

**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

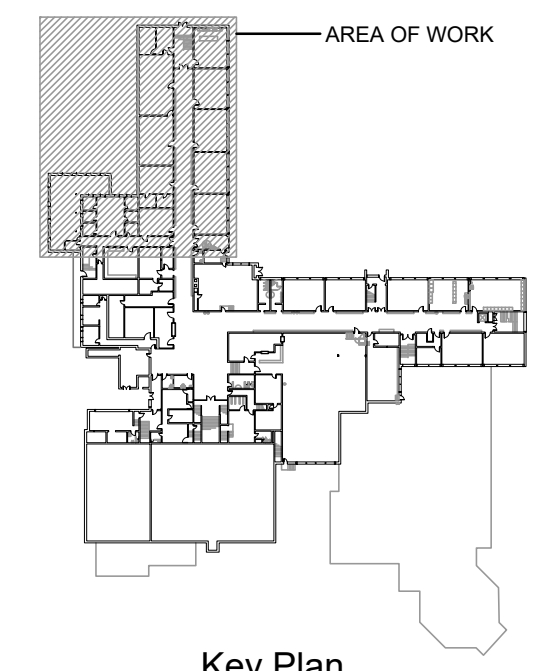
**SPECIFIC RENOVATION NOTES**

- 1 PROVIDE POWER PACK ABOVE ACCESSIBLE CEILING SPACE. REWORK/PROVIDE NEW WIRING AS REQUIRED. REFER TO LIGHTING CONTROL SEQUENCE.
- 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
- 3 REMOVE EXISTING DEVICE. PULL WIRE BACK TO SOURCE. PROVIDE SUITABLE STAINLESS STEEL COVER PLATE.
- 4 OCCUPANCY SENSOR TO BE STEM MOUNTED SAME HEIGHT AS THE LIGHTS.
- 5 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.

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 work. 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. © 2026 DEI Consulting Engineers Inc.

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No	DATE YY MM DD	DESCRIPTION	BY
1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



Key Plan



Seal	North	Project North

Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E. KITCHENER, ON N2H 1H6

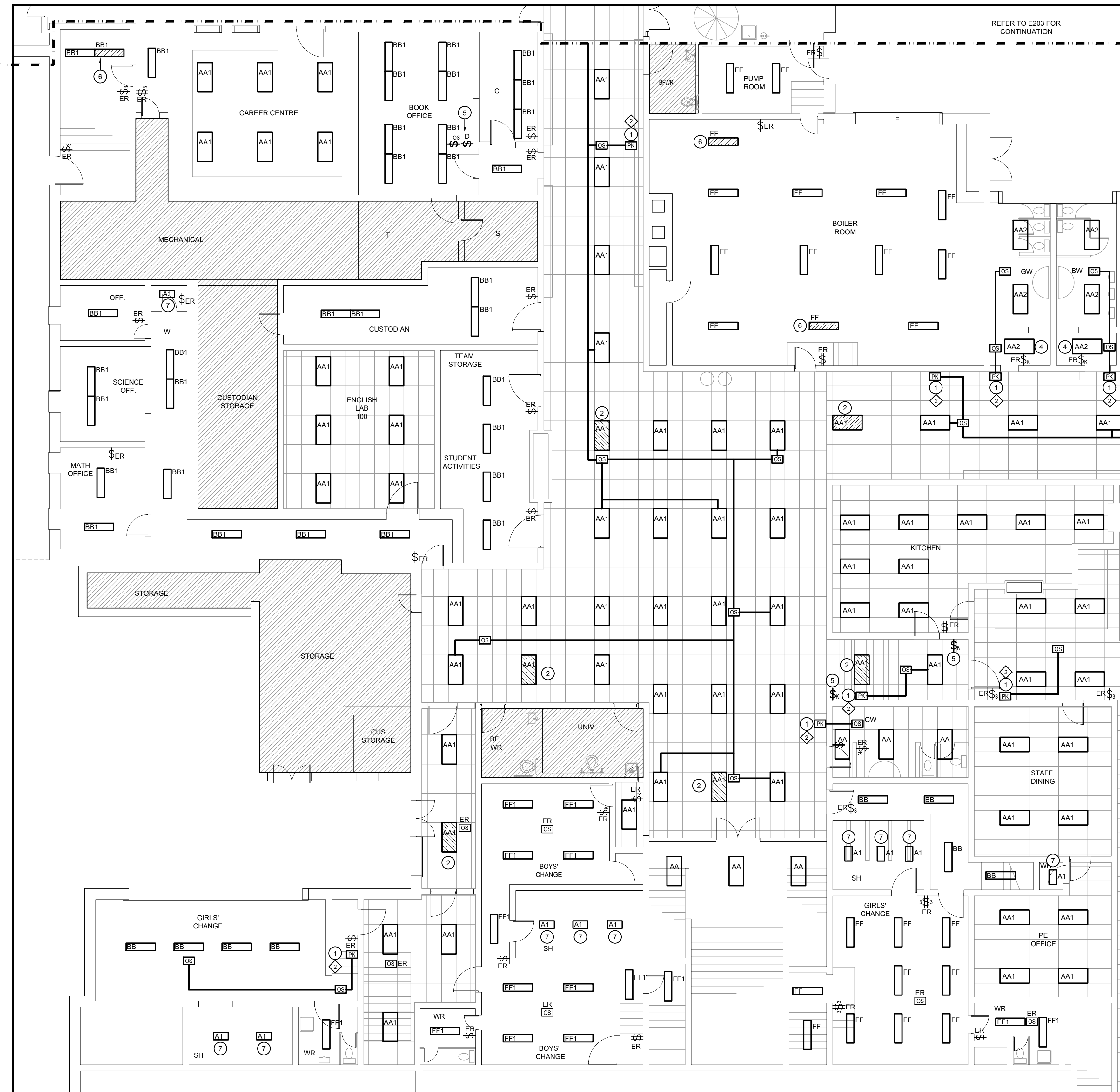
Sheet Title  
**GROUND FLOOR - LIGHTING  
RENOVATION PLAN PART 'A'**

**DEI**  
**Consulting Engineers**  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No.  
**25355**

Drawing No.  
**E203**



REFER TO E205 FOR CONTINUATION

REFER TO E203 FOR CONTINUATION

### GENERAL RENOVATION NOTES

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

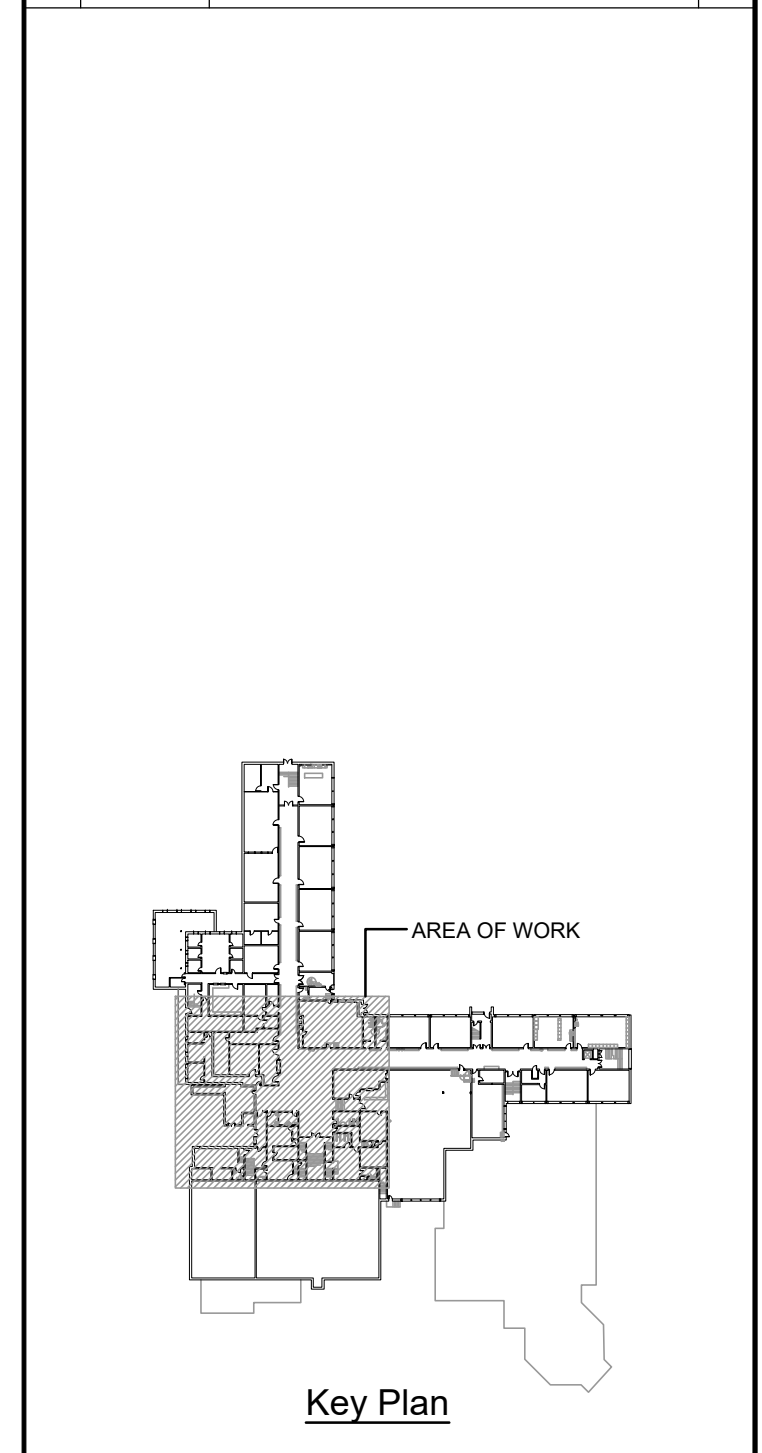
### SPECIFIC RENOVATION NOTES

- 1 PROVIDE POWER PACK ABOVE ACCESSIBLE CEILING SPACE. REWORK/PROVIDE NEW WIRING AS REQUIRED. REFER TO LIGHTING CONTROL SEQUENCE.
- 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
- 3 REMOVE EXISTING DEVICE. PULL WIRE BACK TO SOURCE. PROVIDE SUITABLE STAINLESS STEEL COVER PLATE.
- 4 REWIRE EXISTING FIXTURE TO ADJACENT CORRIDOR CIRCUIT.
- 5 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.
- 6 CONVERT EXISTING FIXTURE TO NIGHT LIGHT.
- 7 REMOVE EXISTING FIXTURE. PROVIDE NEW COVER PLATE AS REQUIRED. PROVIDE NEW FIXTURE. THE DIMENSIONAL SIZE OF THE FIXTURE IS DIFFERENT.

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 work. 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. © 2026 DEI Consulting Engineers Inc.

### ISSUANCES

No	DATE YY MM DD	DESCRIPTION	BY
1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



Seal: North: Project North

Project: **WRDSB EASTWOOD CI INTERIOR & EXTERIOR LIGHTING UPGRADES**  
 760 WEBER ST. E., KITCHENER, ON N2H 1H6  
 Sheet Title: **GROUND FLOOR - LIGHTING RENOVATION PLAN PART 'B'**

**DEI**  
**Consulting Engineers**  
 MECHANICAL | ELECTRICAL | AQUATIC  
 55 Northland Road, Waterloo, ON N2V 1Y8  
 Phone: 519-725-3555  
 Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No. **25355** Drawing No. **E204**

GROUND FLOOR - LIGHTING RENOVATION PLAN PART 'B'  
 SCALE: 1:100

REFER TO E204 FOR CONTINUATION



GROUND FLOOR - LIGHTING RENOVATION PLAN PART 'C'  
SCALE: 1:100

**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

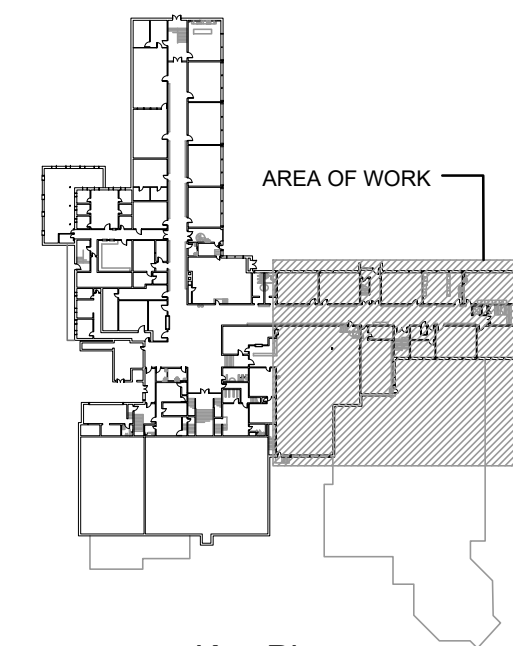
**SPECIFIC RENOVATION NOTES**

- 1 PROVIDE POWER PACK ABOVE ACCESSIBLE CEILING SPACE. REWORK/PROVIDE NEW WIRING AS REQUIRED. REFER TO LIGHTING CONTROL SEQUENCE.
- 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
- 3 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.
- 4 CONVERT EXISTING FIXTURE TO NIGHT LIGHT CIRCUIT.

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 work.  
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**ISSUANCES**

No	DATE YY MM DD	DESCRIPTION	BY
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A	26.04.01	ISSUED FOR TENDER	RV



Key Plan



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Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**

760 WEBER ST. E., KITCHENER, ON N2V 1H6

Sheet Title  
**GROUND FLOOR - LIGHTING  
RENOVATION PLAN PART 'C'**

**DEI**  
**Consulting Engineers**  
MECHANICAL | ELECTRICAL | AQUATIC

55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No.  
**25355**

Drawing No.  
**E205**

**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

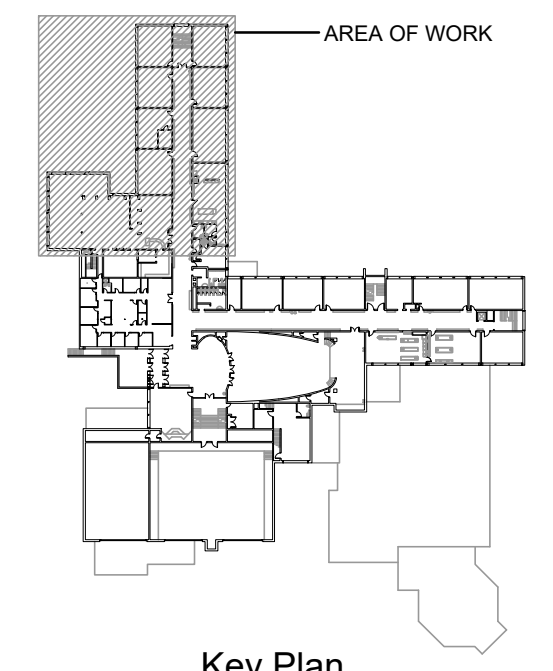
**SPECIFIC RENOVATION NOTES**

- 1 PROVIDE POWER PACK ABOVE ACCESSIBLE CEILING SPACE. REWORK/PROVIDE NEW WIRING AS REQUIRED. REFER TO LIGHTING CONTROL SEQUENCE.
- 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
- 3 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.
- 4 IN THIS ROOM WHEN ELEVATING DEVICES ARE USED TO COMPLETE THE NOTED WORK THE EXISTING FLOORS MUST BE PROPERLY PROTECTED WITH PLYWOOD SHEETING. ANY MARKED OR DAMAGED FLOORS WILL BE REPAIRED TO THE SATISFACTION OF THE BOARD REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- 5 SUIT NEW FIXTURE FOOTPRINT THE CONTRACTOR SHALL INCLUDE TO PAINT EXISTING SURFACES COVERED BY DEMOLISHED FIXTURE. PAINT SHALL MATCH EXISTING SURFACES. PROVIDE TWO COATS OF PAINT.
- 6 FIXTURES IN DIFFERENT LOCATION AND ARE DIFFERENT DIMENSIONAL SIZES FROM DEMOLISHED. EXTEND CONDUIT AND WIRING AS NECESSARY TO SUIT. FIXTURES TO BE MOUNTED TO UNDERSIDE OF JOIST. ENTIRE FIXTURE ASSEMBLY IS TO HAVE A WHITE FINISH.
- 7 SUIT NEW CONDUIT INSTALLATION FOR WALL MOUNTED OCCUPANCY SENSOR. THE CONTRACTOR SHALL INCLUDE TO PAINT CONDUIT TO MATCH EXISTING SURFACE. PROVIDE TWO COATS OF PAINT.

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 work.  
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**ISSUANCES**

No	DATE YY MM DD	DESCRIPTION	BY
1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



Professional Engineer  
 J. JACKSON  
 100011324  
 4/1/26  
 PROVINCE OF ONTARIO

North  
 Project North

Project  
**WRDSB EASTWOOD CI  
 INTERIOR & EXTERIOR  
 LIGHTING UPGRADES**  
 760 WEBER ST. E., KITCHENER, ON N2H 1H6

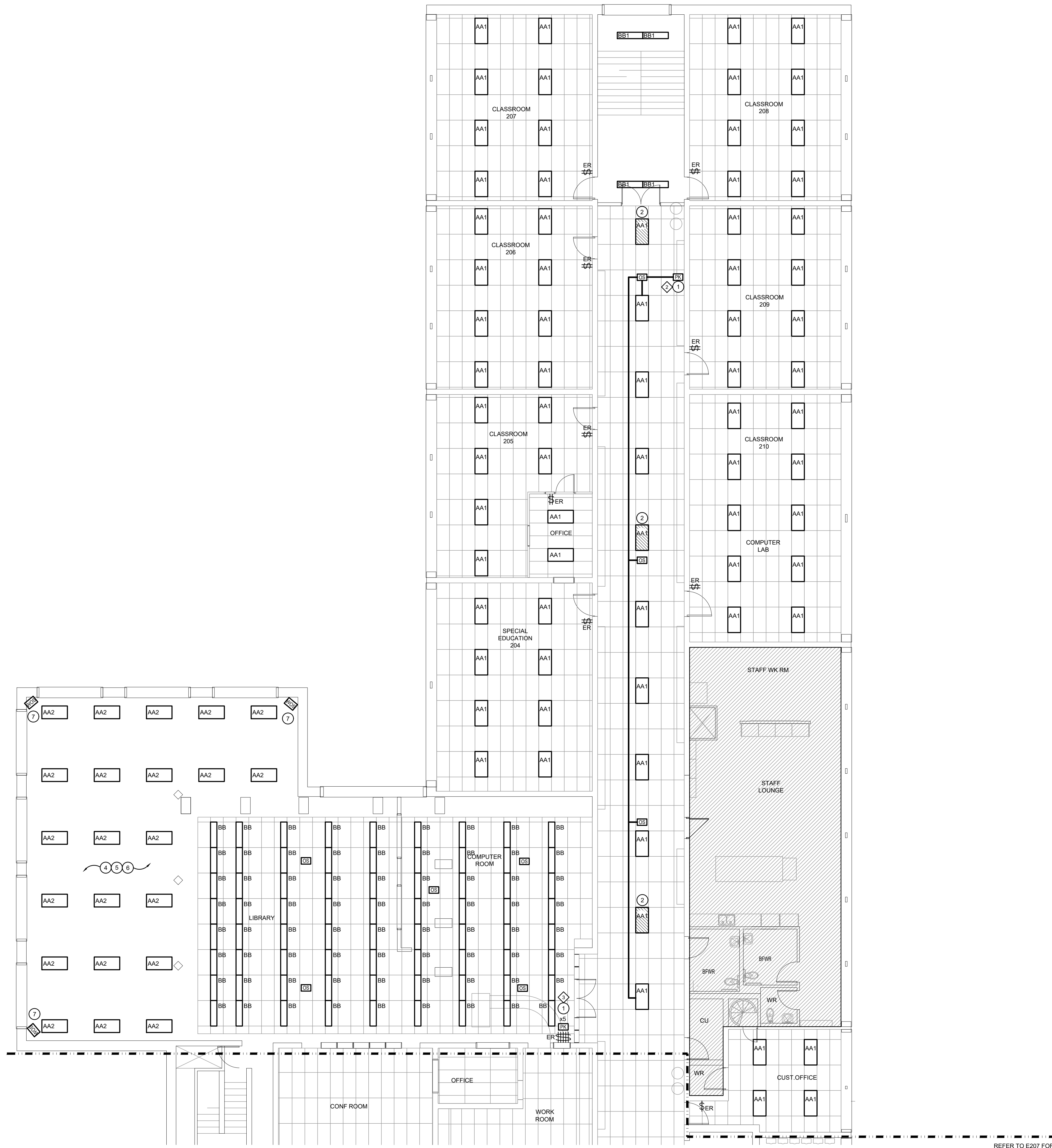
Sheet Title  
**SECOND FLOOR - LIGHTING  
 RENOVATION PLAN PART 'A'**

**DEI**  
 Consulting Engineers  
 MECHANICAL | ELECTRICAL | AQUATIC  
 55 Northland Road, Waterloo, ON N2V 1Y8  
 Phone: 519-725-3555  
 Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No.  
25355

Drawing No.  
**E206**



**SECOND FLOOR - LIGHTING RENOVATION PLAN PART 'A'**  
 SCALE: 1:100

REFER TO E207 FOR CONTINUATION



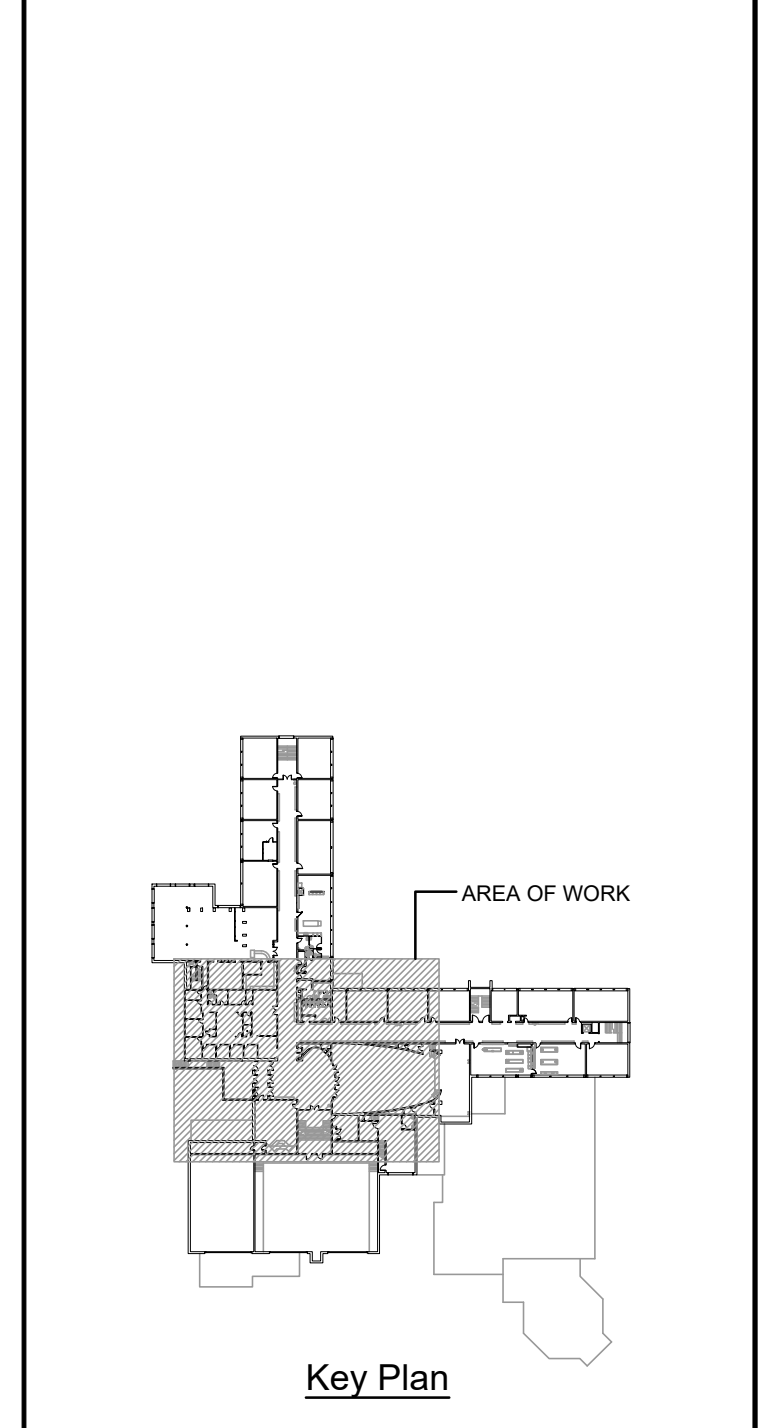
- GENERAL RENOVATION NOTES**
- 'ER' INDICATES EXISTING ITEM TO REMAIN.
  - 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
  - ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
  - MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
  - REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).
- SPECIFIC RENOVATION NOTES**
- 1 PROVIDE POWER PACK ABOVE ACCESSIBLE CEILING SPACE. REWORK/PROVIDE NEW WIRING AS REQUIRED. REFER TO LIGHTING CONTROL SEQUENCE.
  - 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
  - 3 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.
  - 4 PROVIDE NEW FIXTURE WIRE. CONNECT TO LOCAL CORRIDOR LIGHTING CIRCUIT.

SECOND FLOOR - LIGHTING RENOVATION PLAN PART 'B'  
SCALE: 1:100

REFER TO E208 FOR CONTINUATION

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 work. 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. © 2026 DEI Consulting Engineers Inc.

ISSUANCES			
No	DATE YY MM DD	DESCRIPTION	BY
1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



Professional Engineer  
J. JACKSON  
100011324  
4/1/26  
PROVINCE OF ONTARIO

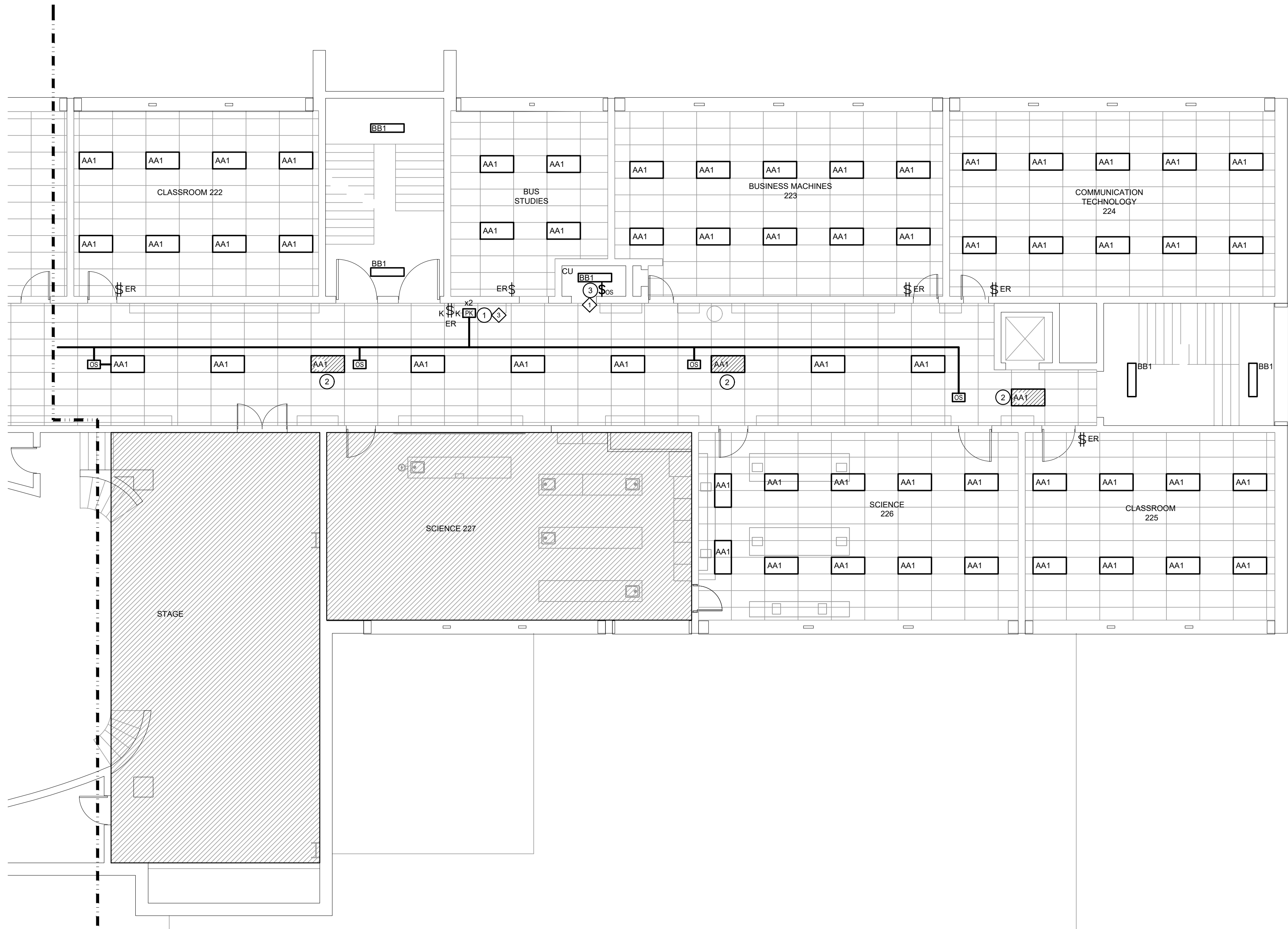
Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E., KITCHENER, ON N2H 1H6  
Sheet Title  
**SECOND FLOOR - LIGHTING  
RENOVATION PLAN PART 'B'**

**DEI**  
Consulting Engineers  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No.  
**25355**

Drawing No.  
**E207**



SECOND FLOOR - LIGHTING RENOVATION PLAN PART 'C'  
SCALE: 1/100

REFER TO E207 FOR CONTINUATION

**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

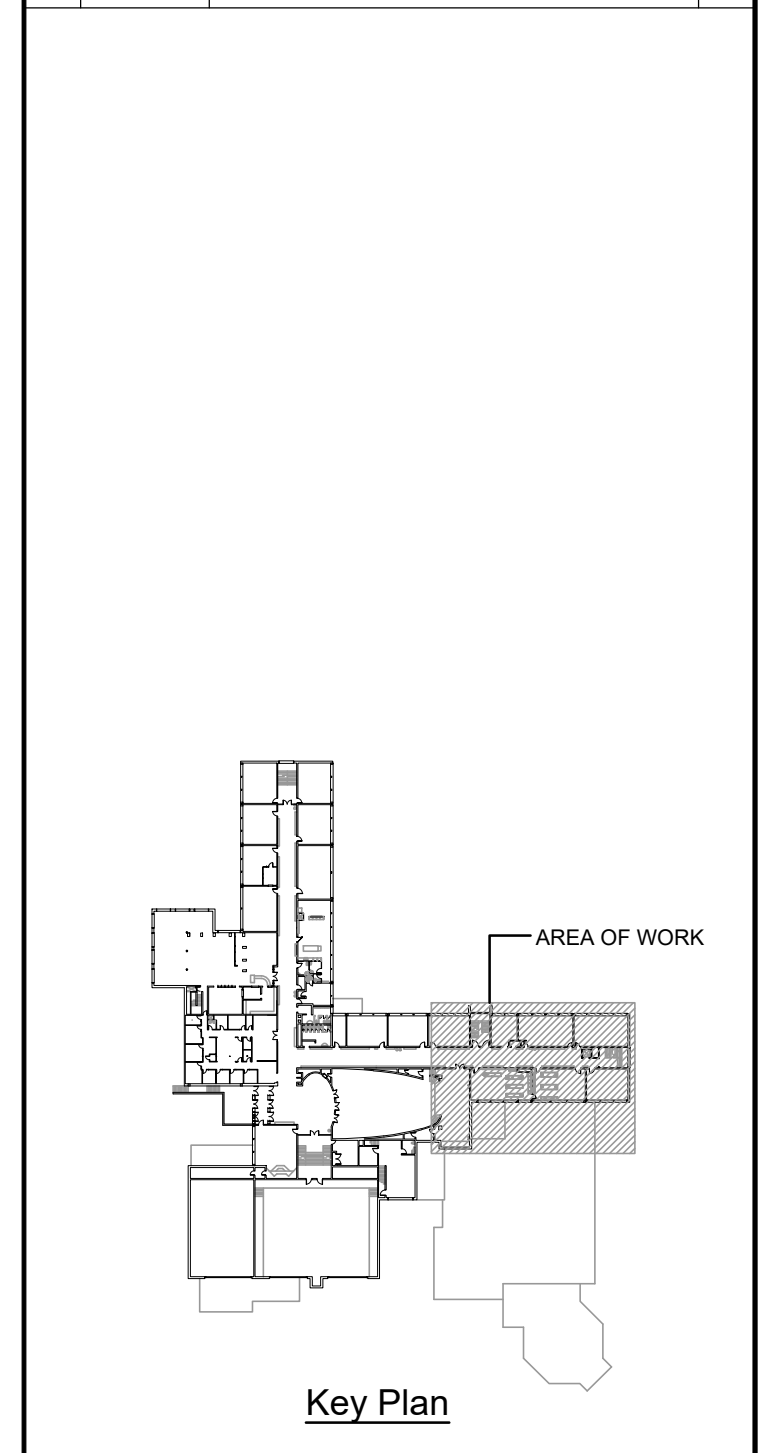
**SPECIFIC RENOVATION NOTES**

- 1 PROVIDE POWER PACK ABOVE ACCESSIBLE CEILING SPACE. REWORK/PROVIDE NEW WIRING AS REQUIRED. REFER TO LIGHTING CONTROL SEQUENCE.
- 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
- 3 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.

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 work.  
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**ISSUANCES**

No	DATE YY MM DD	DESCRIPTION	BY
1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



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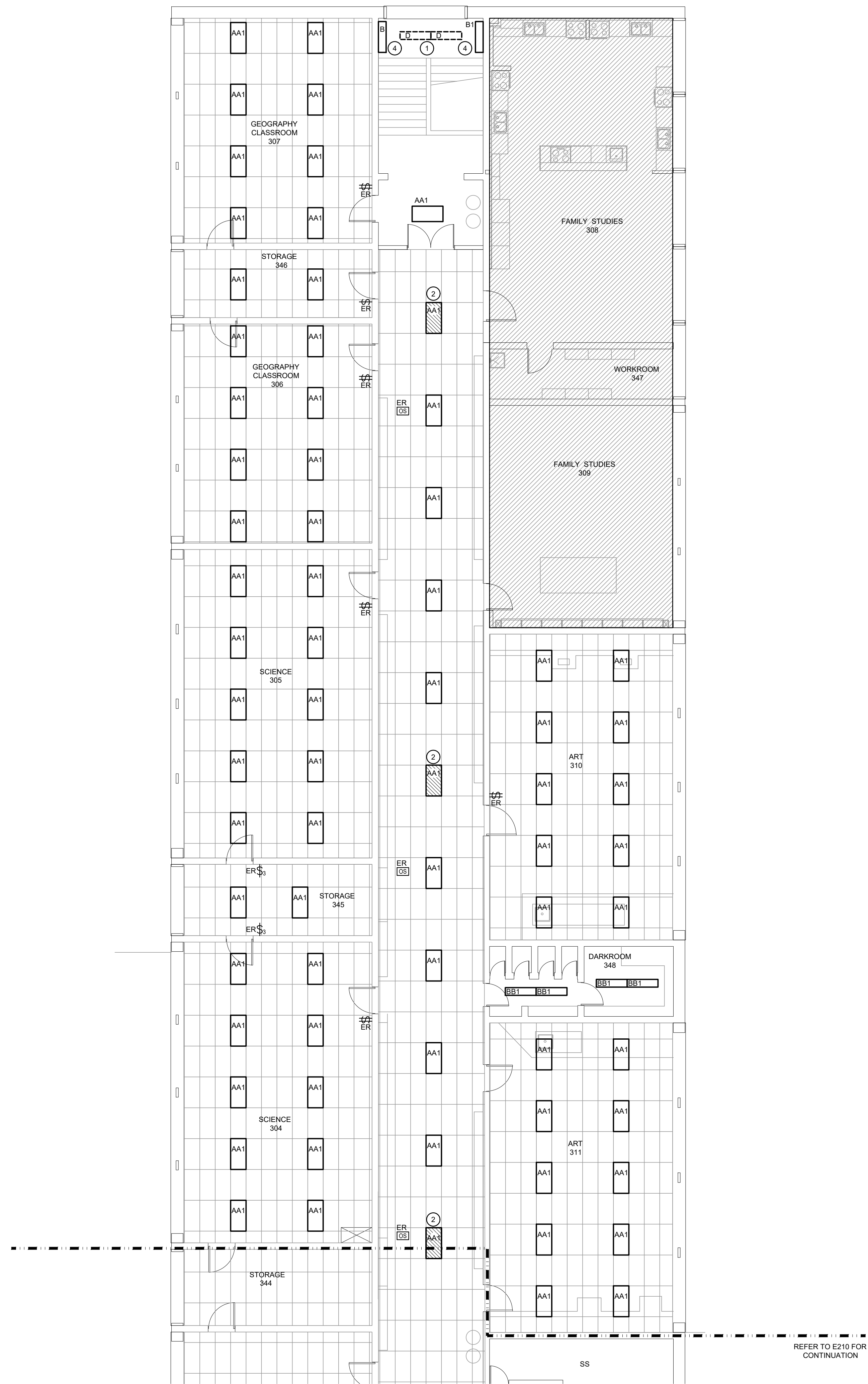
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E., KITCHENER, ON N2H 1H6

Sheet Title  
**SECOND FLOOR - LIGHTING  
RENOVATION PLAN PART 'C'**

**DEI Consulting Engineers**  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 3Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No. 25355      Drawing No. **E208**



THIRD FLOOR - LIGHTING RENOVATION PLAN PART 'A'  
SCALE: 1:100

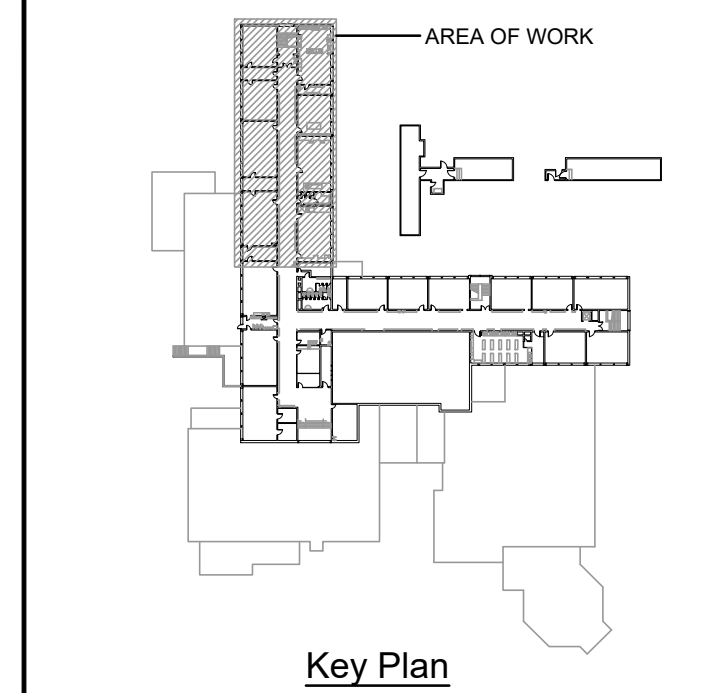
REFER TO E210 FOR CONTINUATION

- GENERAL RENOVATION NOTES**
- 'ER' INDICATES EXISTING ITEM TO REMAIN.
  - 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
  - ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
  - MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
  - REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).
- SPECIFIC RENOVATION NOTES**
- 1 REMOVE EXISTING FIXTURE. PROVIDE SUITABLE SS COVERPLATE.
  - 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
  - 3 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.
  - 4 PROVIDE NEW FIXTURE. WIRE TO LOCAL LIGHTING CIRCUIT.

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 work. 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. © 2026 DEI Consulting Engineers Inc.

**ISSUANCES**

No	DATE YY MM DD	DESCRIPTION	BY
1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



Seal: PROFESSIONAL ENGINEER J. JACKSON 100011324 4/1/26 PROVINCE OF ONTARIO

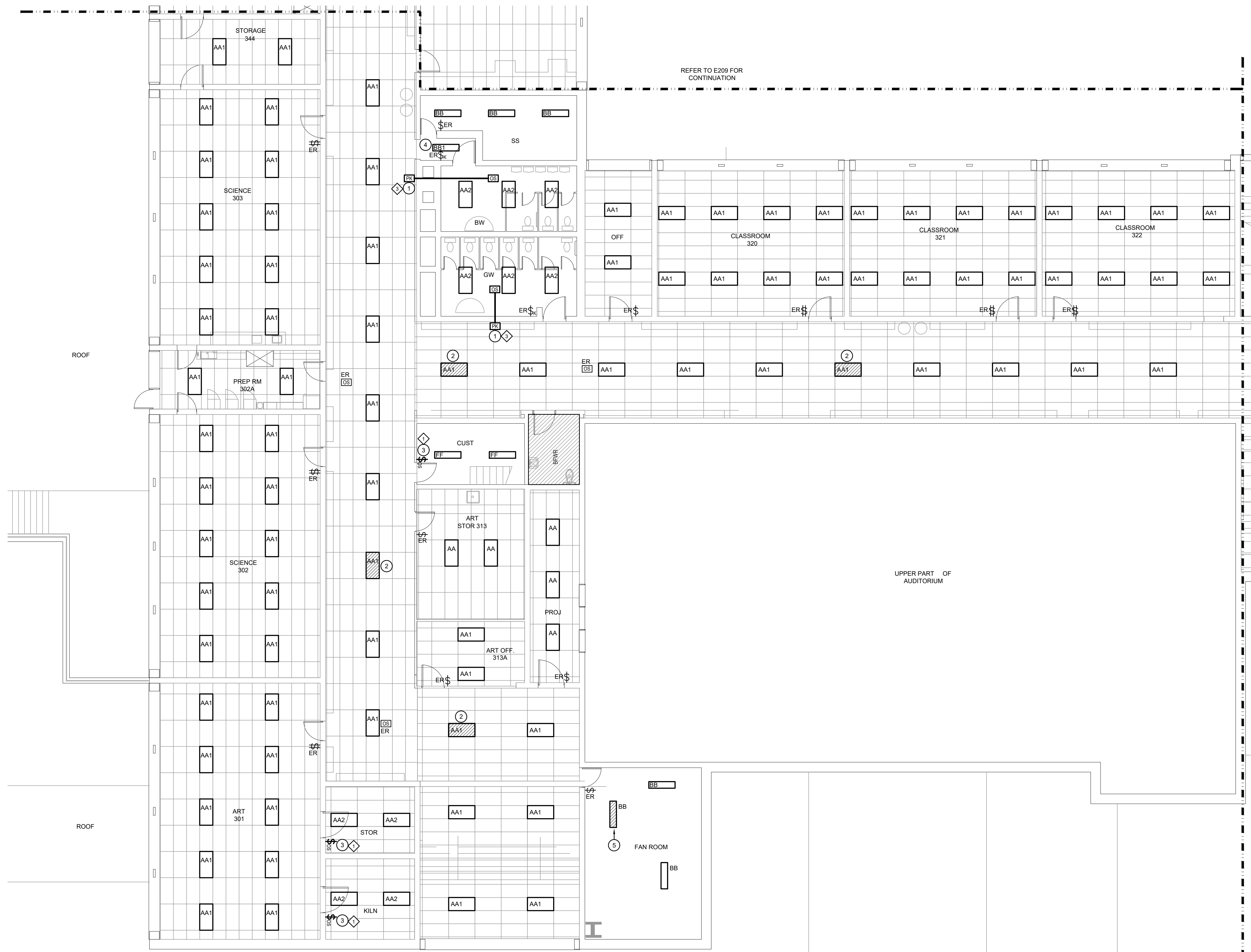
North Project North

Project  
**WRDSB EASTWOOD CI INTERIOR & EXTERIOR LIGHTING UPGRADES**  
760 WEBER ST E, KITCHENER, ON N2H 1H6

Sheet Title  
**THIRD FLOOR - LIGHTING RENOVATION PLAN PART 'A'**

**DEI Consulting Engineers**  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date
Project No. 25355	Drawing No. E209	



THIRD FLOOR - LIGHTING RENOVATION PLAN PART 'B'  
SCALE: 1:100

**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

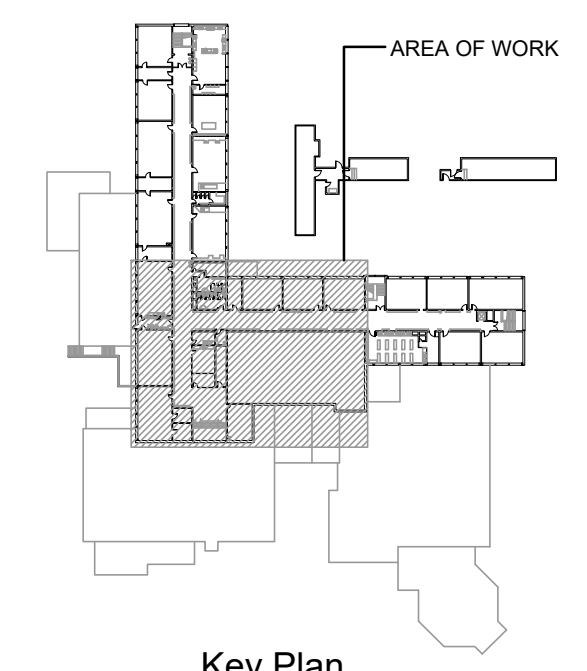
**SPECIFIC RENOVATION NOTES**

- 1 PROVIDE POWER PACK ABOVE ACCESSIBLE CEILING SPACE. REWORK/PROVIDE NEW WIRING AS REQUIRED. REFER TO LIGHTING CONTROL SEQUENCE.
- 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
- 3 REMOVE EXISTING DEVICE. PROVIDE NEW DEVICE. CONNECT TO EXISTING WIRING MADE AVAILABLE DURING DEMOLITION. MOUNT TO EXISTING BACKBOX. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT DEVICE. REFER TO LIGHTING CONTROL SEQUENCE.
- 4 REWIRE EXISTING FIXTURE TO ADJACENT CORRIDOR CIRCUIT.
- 5 CONVERT EXISTING FIXTURE TO NIGHT LIGHT CIRCUIT.

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 work.  
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**ISSUANCES**

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Key Plan



Seal: North: Project North

Project: **WRDSB EASTWOOD CI INTERIOR & EXTERIOR LIGHTING UPGRADES**  
760 WEBER ST. E., KITCHENER, ON N2H 1H6

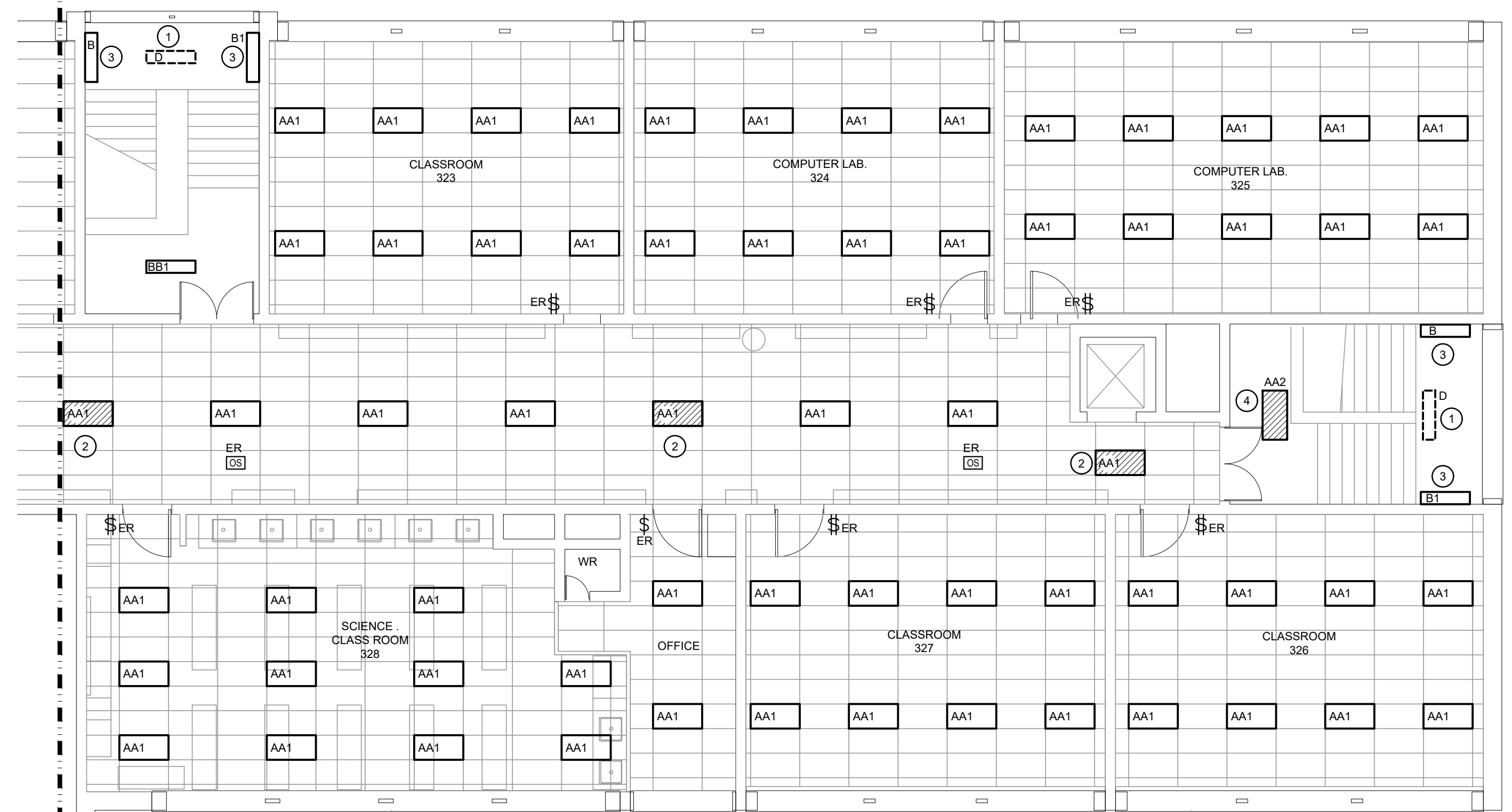
Sheet Title: **THIRD FLOOR - LIGHTING RENOVATION PLAN PART 'B'**

**DEI**  
**Consulting Engineers**  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

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Scale AS NOTED	Project Date OCT 2025	Print Date

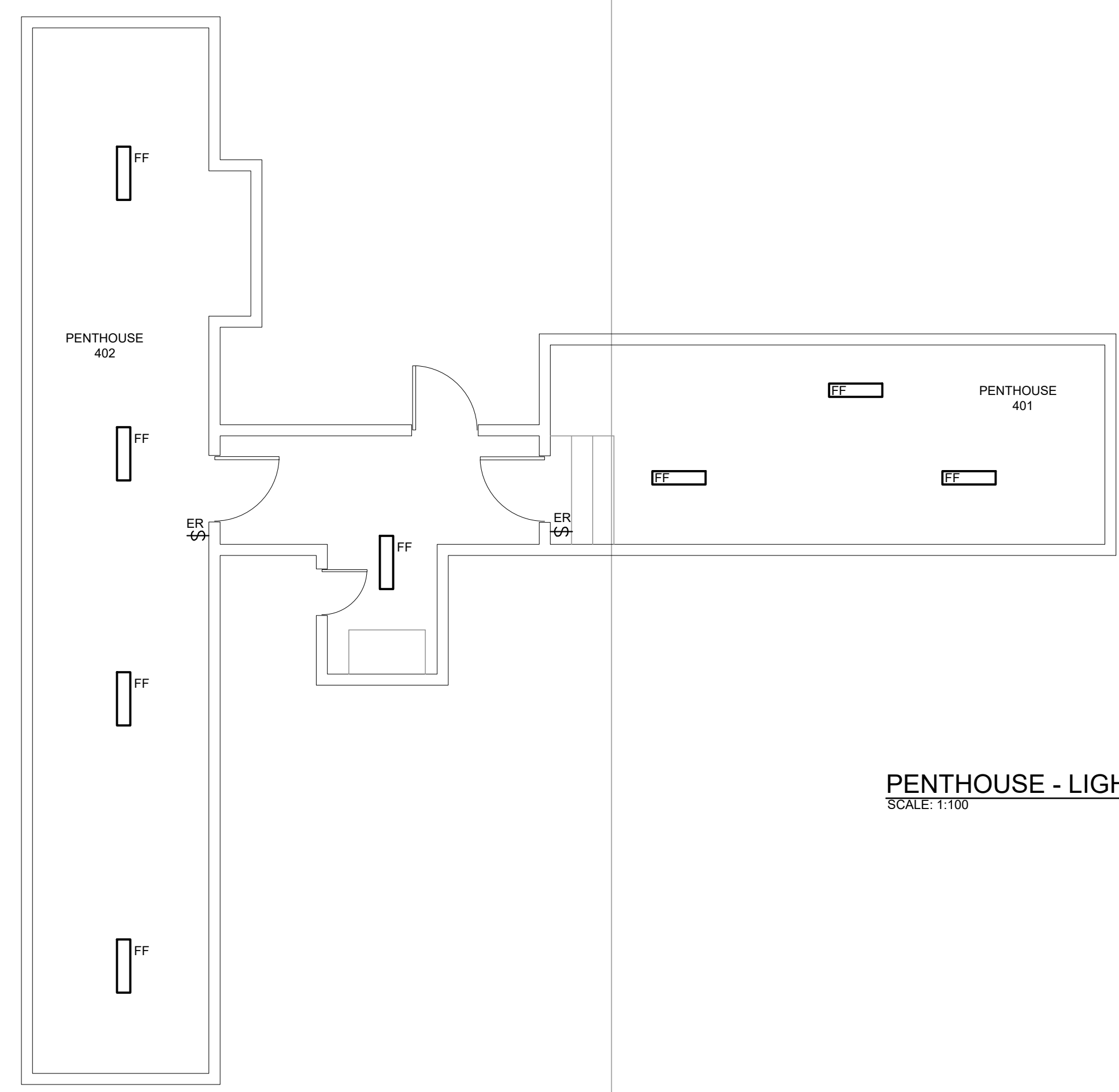
Project No. **25355** Drawing No. **E210**

REFER TO E211 FOR CONTINUATION

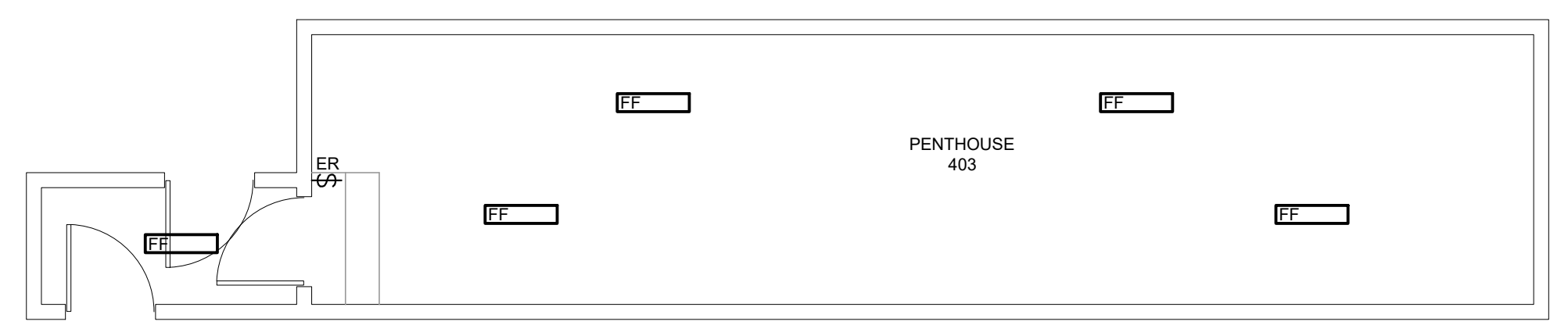


THIRD FLOOR - LIGHTING DEMOLITION PLAN PART 'C'  
SCALE: 1:100

REFER TO E210 FOR CONTINUATION



PENTHOUSE - LIGHTING RENOVATION PLAN  
SCALE: 1:100



**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

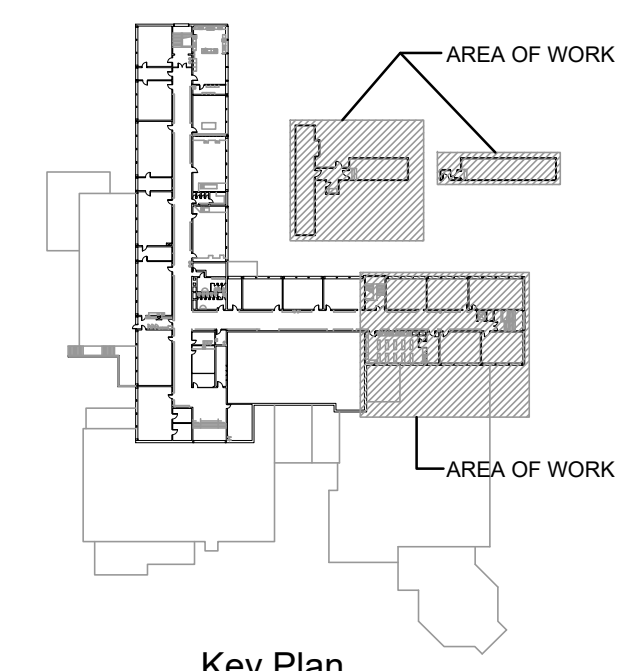
**SPECIFIC RENOVATION NOTES**

- 1 REMOVE EXISTING FIXTURE, PROVIDE SUITABLE SS COVERPLATE.
- 2 INDICATES CURRENT LOCATION OF NIGHT LIGHTS.
- 3 PROVIDE NEW FIXTURE, WIRE TO LOCAL LIGHTING CIRCUIT.
- 4 CONVERT EXISTING FIXTURE TO NIGHT LIGHT CIRCUIT.

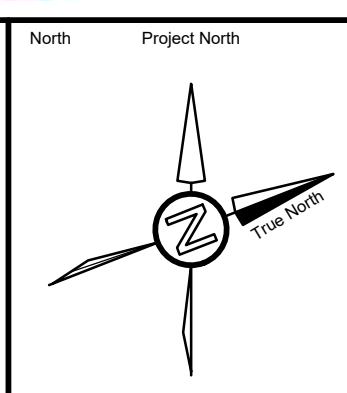
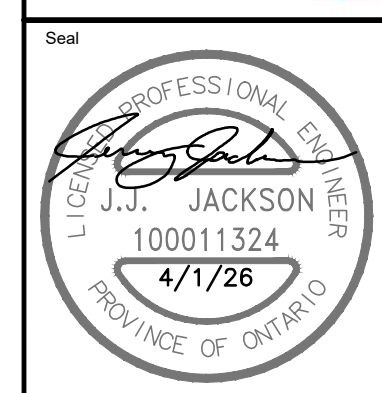
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**ISSUANCES**

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Key Plan



Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E. KITCHENER, ON N2H 1H6

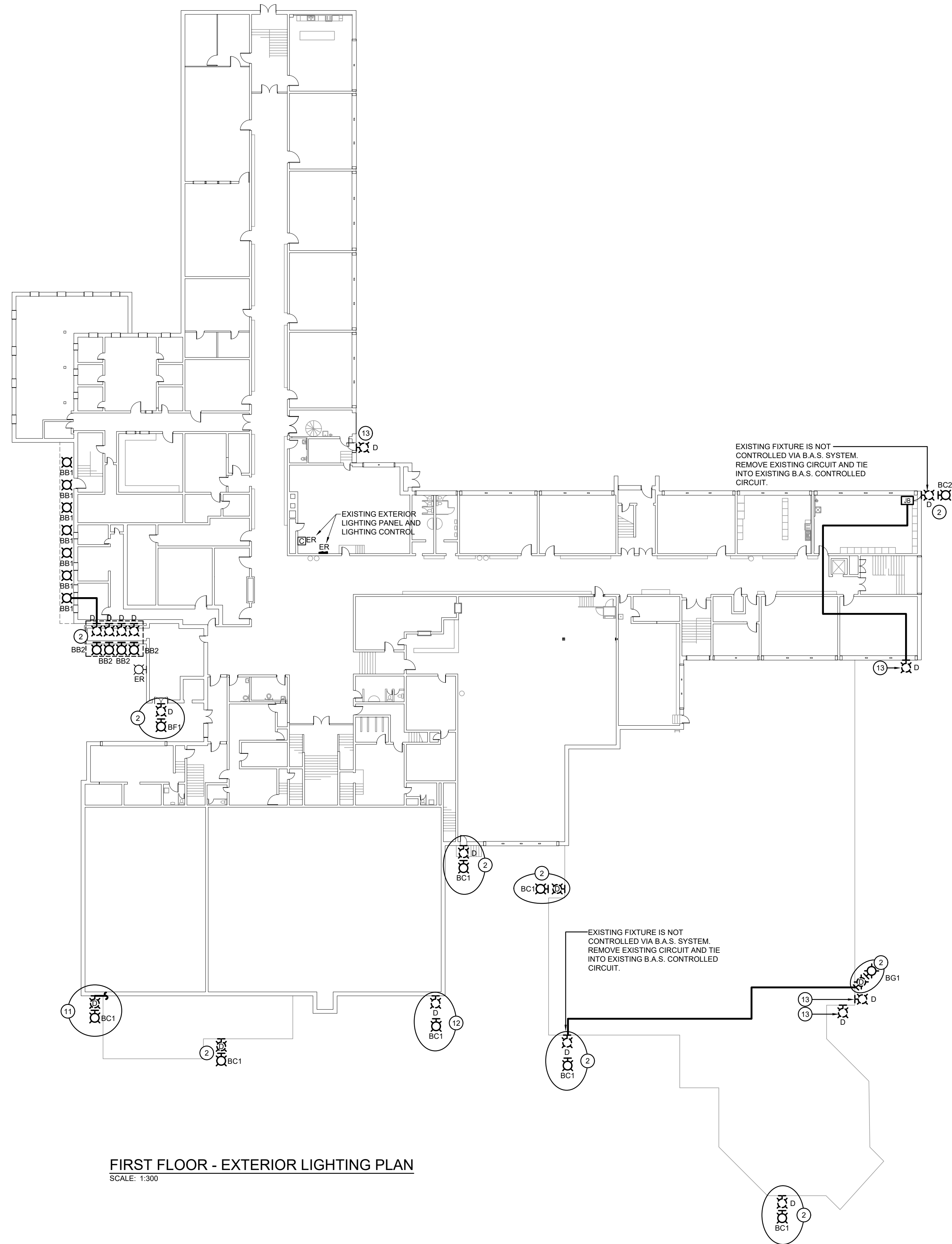
Sheet Title  
**THIRD FLOOR - LIGHTING  
RENOVATION PLAN PART 'C'**

**DEI**  
**Consulting Engineers**  
MECHANICAL | ELECTRICAL | AQUATIC  
55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

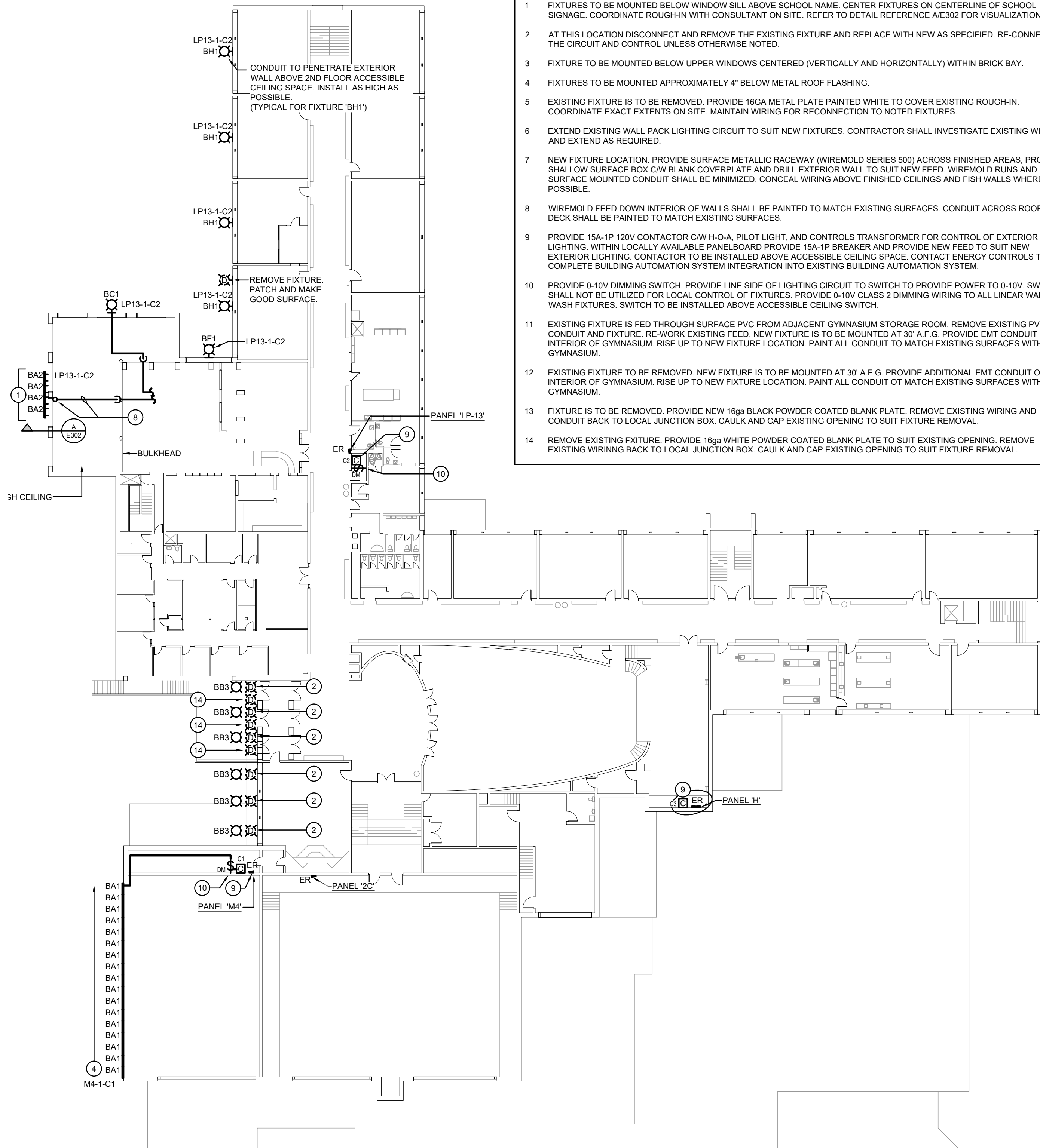
Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No.  
**25355**

Drawing No.  
**E211**



FIRST FLOOR - EXTERIOR LIGHTING PLAN  
SCALE: 1:300



SECOND FLOOR - EXTERIOR LIGHTING PLAN  
SCALE: 1:300

**GENERAL RENOVATION NOTES**

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
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- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

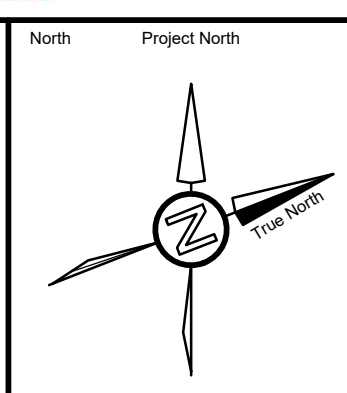
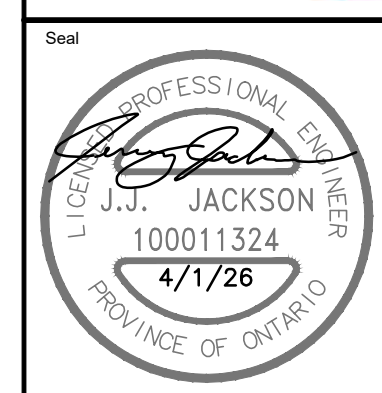
**SPECIFIC RENOVATION NOTES**

1. FIXTURES TO BE MOUNTED BELOW WINDOW SILL ABOVE SCHOOL NAME. CENTER FIXTURES ON CENTERLINE OF SCHOOL SIGNAGE. COORDINATE ROUGH-IN WITH CONSULTANT ON SITE. REFER TO DETAIL REFERENCE AE302 FOR VISUALIZATION.
2. AT THIS LOCATION DISCONNECT AND REMOVE THE EXISTING FIXTURE AND REPLACE WITH NEW AS SPECIFIED. RE-CONNECT TO THE CIRCUIT AND CONTROL UNLESS OTHERWISE NOTED.
3. FIXTURE TO BE MOUNTED BELOW UPPER WINDOWS CENTERED (VERTICALLY AND HORIZONTALLY) WITHIN BRICK BAY.
4. FIXTURES TO BE MOUNTED APPROXIMATELY 4" BELOW METAL ROOF FLASHING.
5. EXISTING FIXTURE IS TO BE REMOVED. PROVIDE 16GA METAL PLATE PAINTED WHITE TO COVER EXISTING ROUGH-IN. COORDINATE EXACT EXTENTS ON SITE. MAINTAIN WIRING FOR RECONNECTION TO NOTED FIXTURES.
6. EXTEND EXISTING WALL PACK LIGHTING CIRCUIT TO SUIT NEW FIXTURES. CONTRACTOR SHALL INVESTIGATE EXISTING WIRING AND EXTEND AS REQUIRED.
7. NEW FIXTURE LOCATION. PROVIDE SURFACE METALLIC RACEWAY (WIREMOLD SERIES 500) ACROSS FINISHED AREAS. PROVIDE SHALLOW SURFACE BOX C/W BLANK COVERPLATE AND DRILL EXTERIOR WALL TO SUIT NEW FEED. WIREMOLD RUNS AND SURFACE MOUNTED CONDUIT SHALL BE MINIMIZED. CONCEAL WIRING ABOVE FINISHED CEILINGS AND FISH WALLS WHERE POSSIBLE.
8. WIREMOLD FEED DOWN INTERIOR OF WALLS SHALL BE PAINTED TO MATCH EXISTING SURFACES. CONDUIT ACROSS ROOF DECK SHALL BE PAINTED TO MATCH EXISTING SURFACES.
9. PROVIDE 15A-1P 120V CONTACTOR C/W H-O-A, PILOT LIGHT, AND CONTROLS TRANSFORMER FOR CONTROL OF EXTERIOR LIGHTING. WITHIN LOCALLY AVAILABLE PANELBOARD PROVIDE 15A-1P BREAKER AND PROVIDE NEW FEED TO SUIT NEW EXTERIOR LIGHTING. CONTACTOR TO BE INSTALLED ABOVE ACCESSIBLE CEILING SPACE. CONTACT ENERGY CONTROLS TO COMPLETE BUILDING AUTOMATION SYSTEM INTEGRATION INTO EXISTING BUILDING AUTOMATION SYSTEM.
10. PROVIDE 0-10V DIMMING SWITCH. PROVIDE LINE SIDE OF LIGHTING CIRCUIT TO SWITCH TO PROVIDE POWER TO 0-10V. SWITCH SHALL NOT BE UTILIZED FOR LOCAL CONTROL OF FIXTURES. PROVIDE 0-10V CLASS 2 DIMMING WIRING TO ALL LINEAR WALL WASH FIXTURES. SWITCH TO BE INSTALLED ABOVE ACCESSIBLE CEILING SWITCH.
11. EXISTING FIXTURE IS FED THROUGH SURFACE PVC FROM ADJACENT GYMNASIUM STORAGE ROOM. REMOVE EXISTING PVC CONDUIT AND FIXTURE. RE-WORK EXISTING FEED. NEW FIXTURE IS TO BE MOUNTED AT 30' A.F.G. PROVIDE EMT CONDUIT ON INTERIOR OF GYMNASIUM. RISE UP TO NEW FIXTURE LOCATION. PAINT ALL CONDUIT TO MATCH EXISTING SURFACES WITHIN GYMNASIUM.
12. EXISTING FIXTURE TO BE REMOVED. NEW FIXTURE IS TO BE MOUNTED AT 30' A.F.G. PROVIDE ADDITIONAL EMT CONDUIT ON INTERIOR OF GYMNASIUM. RISE UP TO NEW FIXTURE LOCATION. PAINT ALL CONDUIT TO MATCH EXISTING SURFACES WITHIN GYMNASIUM.
13. FIXTURE IS TO BE REMOVED. PROVIDE NEW 16ga BLACK POWDER COATED BLANK PLATE. REMOVE EXISTING WIRING AND CONDUIT BACK TO LOCAL JUNCTION BOX. CAULK AND CAP EXISTING OPENING TO SUIT FIXTURE REMOVAL.
14. REMOVE EXISTING FIXTURE. PROVIDE 16ga WHITE POWDER COATED BLANK PLATE TO SUIT EXISTING OPENING. REMOVE EXISTING WIRING BACK TO LOCAL JUNCTION BOX. CAULK AND CAP EXISTING OPENING TO SUIT FIXTURE REMOVAL.

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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 work.  
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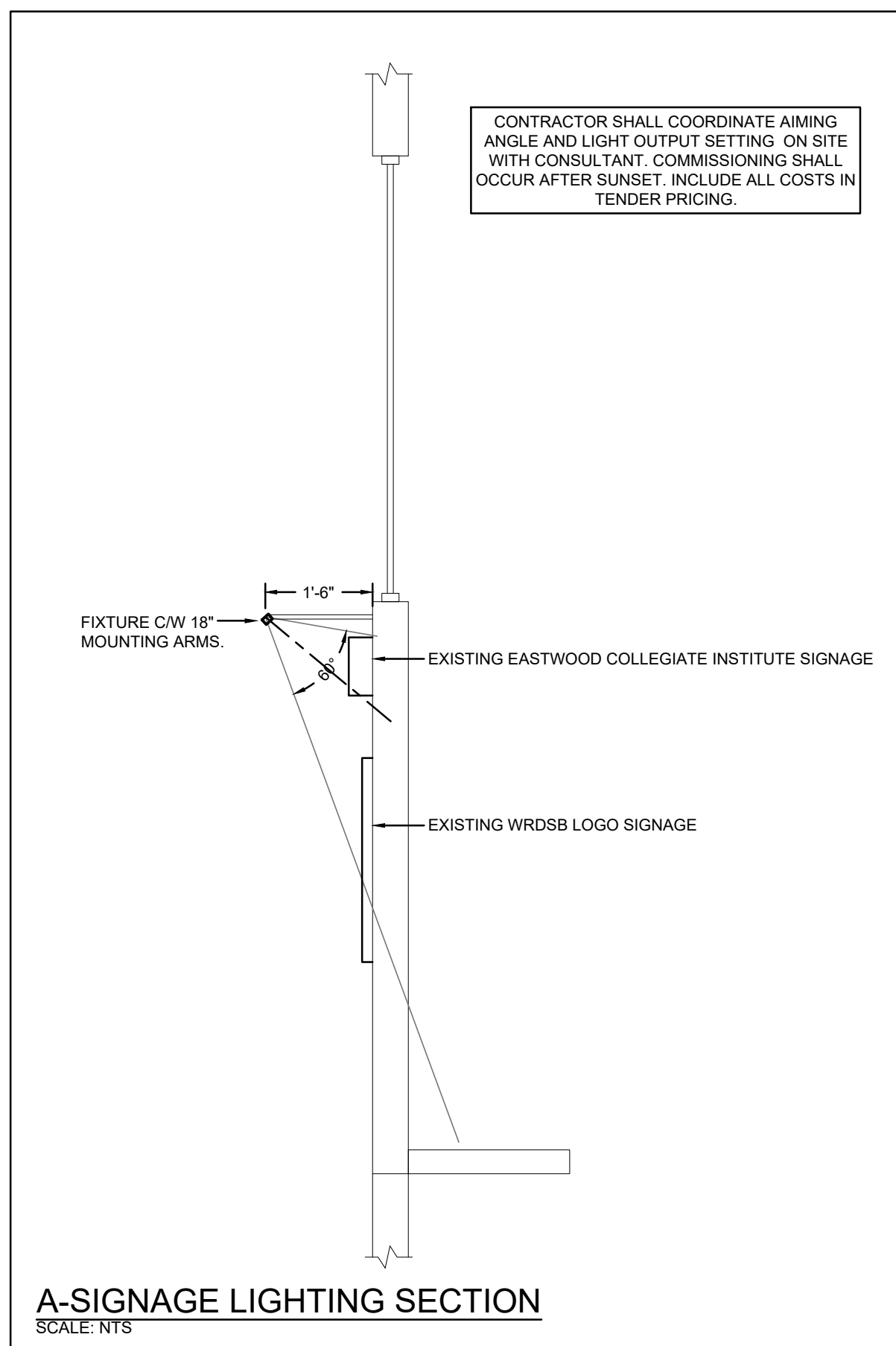
Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E., KITCHENER, ON N2H 1H6  
Sheet Title  
**GROUND AND SECOND  
FLOOR EXTERIOR  
LIGHTING PLAN**



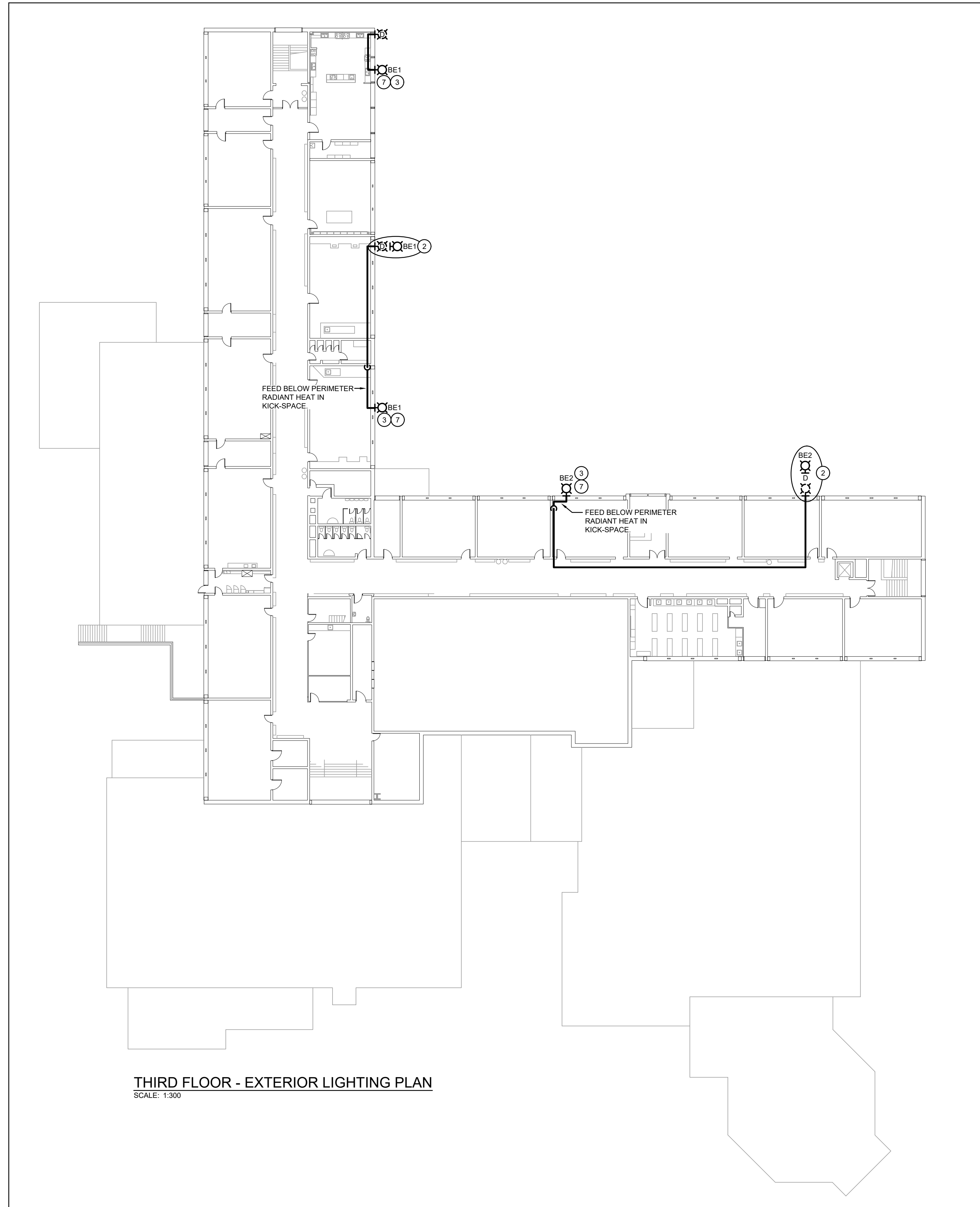
Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No.  
**25355**

Drawing No.  
**E301**



- GENERAL RENOVATION NOTES**
- 'ER' INDICATES EXISTING ITEM TO REMAIN.
  - 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
  - ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
  - MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
  - REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).
- SPECIFIC RENOVATION NOTES**
1. FIXTURES TO BE MOUNTED BELOW WINDOW SILL ABOVE SCHOOL NAME. CENTER FIXTURES ON CENTERLINE OF SCHOOL SIGNAGE. COORDINATE ROUGH-IN WITH CONSULTANT ON SITE. REFER TO DETAIL REFERENCE A/E302 FOR VISUALIZATION.
  2. AT THIS LOCATION DISCONNECT AND REMOVE THE EXISTING FIXTURE AND REPLACE WITH NEW AS SPECIFIED. RE-CONNECT TO THE CIRCUIT AND CONTROL UNLESS OTHERWISE NOTED.
  3. FIXTURE TO BE MOUNTED BELOW UPPER WINDOWS CENTERED (VERTICALLY AND HORIZONTALLY) WITHIN BRICK BAY.
  4. FIXTURES TO BE MOUNTED APPROXIMATELY 4" BELOW METAL ROOF FLASHING.
  5. EXISTING FIXTURE IS TO BE REMOVED. PROVIDE 16GA METAL PLATE PAINTED WHITE TO COVER EXISTING ROUGH-IN. COORDINATE EXACT EXTENTS ON SITE. MAINTAIN WIRING FOR RECONNECTION TO NOTED FIXTURES.
  6. EXTEND EXISTING WALL PACK LIGHTING CIRCUIT TO SUIT NEW FIXTURES. CONTRACTOR SHALL INVESTIGATE EXISTING WIRING AND EXTEND AS REQUIRED.
  7. NEW FIXTURE LOCATION. PROVIDE SURFACE METALLIC RACEWAY (WIREMOLD SERIES 500) ACROSS FINISHED AREAS, PROVIDE SHALLOW SURFACE BOX C/W BLANK COVERPLATE AND DRILL EXTERIOR WALL TO SUIT NEW FEED. WIREMOLD RUNS AND SURFACE MOUNTED CONDUIT SHALL BE MINIMIZED. CONCEAL WIRING ABOVE FINISHED CEILINGS AND FISH WALLS WHERE POSSIBLE.
  8. WIREMOLD FEED DOWN INTERIOR OF WALLS SHALL BE PAINTED TO MATCH EXISTING SURFACES. CONDUIT ACROSS ROOF DECK SHALL BE PAINTED TO MATCH EXISTING SURFACES.
  9. PROVIDE 15A-1P 120V CONTACTOR C/W H-O-A, PILOT LIGHT, AND CONTROLS TRANSFORMER FOR CONTROL OF EXTERIOR LIGHTING. WITHIN LOCALLY AVAILABLE PANELBOARD PROVIDE 15A-1P BREAKER AND PROVIDE NEW FEED TO SUIT NEW EXTERIOR LIGHTING. CONTRACTOR TO BE INSTALLED ABOVE ACCESSIBLE CEILING SPACE. CONTACT ENERGY CONTROLS TO COMPLETE BUILDING AUTOMATION SYSTEM INTEGRATION INTO EXISTING BUILDING AUTOMATION SYSTEM.
  10. PROVIDE 0-10V DIMMING SWITCH. PROVIDE LINE SIDE OF LIGHTING CIRCUIT TO SWITCH TO PROVIDE POWER TO 0-10V. SWITCH SHALL NOT BE UTILIZED FOR LOCAL CONTROL OF FIXTURES. PROVIDE 0-10V CLASS 2 DIMMING WIRING TO ALL LINEAR WALL WASH FIXTURES. SWITCH TO BE INSTALLED ABOVE ACCESSIBLE CEILING SWITCH.
  11. EXISTING FIXTURE IS FED THROUGH SURFACE PVC FROM ADJACENT GYMNASIUM STORAGE ROOM. REMOVE EXISTING PVC CONDUIT AND FIXTURE. RE-WORK EXISTING FEED. NEW FIXTURE IS TO BE MOUNTED AT 30' A.F.G. PROVIDE EMT CONDUIT ON INTERIOR OF GYMNASIUM. RISE UP TO NEW FIXTURE LOCATION. PAINT ALL CONDUIT TO MATCH EXISTING SURFACES WITHIN GYMNASIUM.
  12. EXISTING FIXTURE TO BE REMOVED. NEW FIXTURE IS TO BE MOUNTED AT 30' A.F.G. PROVIDE ADDITIONAL EMT CONDUIT ON INTERIOR OF GYMNASIUM. RISE UP TO NEW FIXTURE LOCATION. PAINT ALL CONDUIT TO MATCH EXISTING SURFACES WITHIN GYMNASIUM.
  13. FIXTURE IS TO BE REMOVED. PROVIDE NEW 16ga BLACK POWDER COATED BLANK PLATE. REMOVE EXISTING WIRING AND CONDUIT BACK TO LOCAL JUNCTION BOX. CAULK AND CAP EXISTING OPENING TO SUIT FIXTURE REMOVAL.
  14. REMOVE EXISTING FIXTURE. PROVIDE 16ga WHITE POWDER COATED BLANK PLATE TO SUIT EXISTING OPENING. REMOVE EXISTING WIRING BACK TO LOCAL JUNCTION BOX. CAULK AND CAP EXISTING OPENING TO SUIT FIXTURE REMOVAL.



THIRD FLOOR - EXTERIOR LIGHTING PLAN  
SCALE: 1:300

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Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**  
760 WEBER ST. E. KITCHENER, ON N2V 1H6

Sheet Title  
**THIRD FLOOR EXTERIOR  
LIGHTING PLAN AND LIGHT  
FIXTURE SCHEDULE**

**MECHANICAL | ELECTRICAL | AQUATIC**  
55 Northland Road, Waterloo, ON N2V 1Y8  
Phone: 519-725-3555  
Website: deiassociates.ca

Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date

Project No. 25355  
Drawing No. E302

## ELECTRICAL SPECIFICATION

### GENERAL NOTES

1. PROVIDE LABOUR MATERIAL AND EQUIPMENT REQUIRED TO PROVIDE A COMPLETE INSTALLATION WITH QUALITY WORKMANSHIP ACCEPTABLE TO THE OWNER, ARCHITECT AND CONSULTANT.
2. OBTAIN ALL PERMITS AND PAY ALL TAXES, FEES AND OTHER COSTS INCURRED WITH THIS WORK. FILE ALL PLANS. OBTAIN NECESSARY APPROVALS, CERTIFICATES AND INSPECTIONS. SUBMIT ALL FINAL CERTIFICATES TO THE CONSULTANT.
3. COMPLY WITH RULES AND RECOMMENDATIONS OF THE BOARD OF UNDERWRITERS, ELECTRICAL SAFETY AUTHORITY, THE CANADIAN STANDARDS ASSOCIATION AND ALL REQUIREMENTS OF THE LOCAL UTILITY.
4. VISIT THE SITE BEFORE SUBMITTING TENDERS TO EVALUATE ANY SITE CONDITIONS THAT MIGHT ARISE. INCLUDE ALL SITE CONDITIONS IN TENDER. EXTRAS WILL NOT BE ACCEPTED UNLESS BELIEVED TO BE REASONABLE BY THE OWNER AND CONSULTANT.
5. CUTTING AND PATCHING SHALL BE BY THE CONTRACTOR REQUIRING TO INSTALL THE SERVICE.
6. THE DRAWINGS ARE DIAGRAMMATIC. THE SERVICES SHALL BE INSTALLED TO CONSERVE HEADROOM AND INTERFERE AS LITTLE AS POSSIBLE WITH THE FREE USE OF THE SPACES THROUGH WHICH THEY PASS.
7. SUBMIT COPIES OF SHOP DRAWINGS AS PDF FILES VIA EMAIL FOR ALL MAJOR EQUIPMENT. THESE WILL BE REVIEWED BY THE CONSULTANT. RESUBMIT AS OFTEN AS MAY BE FOUND NECESSARY.
8. PROVIDE ALL NECESSARY PROTECTION FOR FINISHED OR UNFINISHED WORK. ALL OPENINGS IN CONDUITS, DUCTS AND EQUIPMENT SHALL BE CAPPED TO ENSURE SERVICES ARE KEPT CLEAN WHEN NOT IN USE.
9. MAINTAIN INSURANCE TO FULLY PROTECT THE CONTRACTOR, OWNER AND CONSULTANT FROM ANY AND ALL CLAIMS SUCH AS UNDER THE WORKMEN'S COMPENSATION ACT, ETC. POST PROJECT NOTIFICATION AT THE SITE IN ACCORDANCE WITH THE MINISTRY OF LABOUR REQUIREMENTS.
10. PROVIDE STRUCTURAL SUPPORTS, PLATFORMS, SUPPORTING RODS, HANGERS, INSERTS AND BRACKETS FOR EQUIPMENT AND SERVICES. DO NOT SUPPORT SERVICES FROM STEEL DECK.
11. INSTRUCT THE OWNER'S STAFF IN THE CARE, MAINTENANCE AND OPERATION OF THE SYSTEMS.
12. WARRANTY ALL LABOUR, MATERIAL AND EQUIPMENT FOR A PERIOD OF TWO YEARS AFTER FINAL ACCEPTANCE OF SYSTEM.
13. COORDINATE WITH OTHER CONTRACTORS INSTALLING EQUIPMENT OR MATERIAL AND ARRANGE EQUIPMENT IN PROPER RELATION WITH APPARATUS OF ALL OTHER TRADES.
14. PROVIDE LAMICOID TAGS FOR IDENTIFICATION OF NEW EQUIPMENT ADDED.
15. MOUNTING HEIGHTS SHALL BE AS FOLLOWS FROM FINISHED FLOOR TO CENTERLINE OF DEVICE/EQUIPMENT (UNLESS OTHERWISE NOTED):
  - SWITCHES, DIMMERS AND SPEED CONTROLLERS: 1100mm (44")
16. ALL AREAS NOT AFFECTED BY RENOVATION OR DEMOLITION SHALL REMAIN AS PRESENTLY INSTALLED UNLESS OTHERWISE NOTED.
17. SUBMIT TWO COPY OF OPERATING AND MAINTENANCE INSTRUCTIONS IN A THREE RING BINDER LABELED FOR THE PROJECT COMPLETE WITH ITEMIZED SECTIONS CONTAINING PROJECT DATA, SHOP DRAWINGS, ETC. UPON ACCEPTANCE OF THE OPERATION AND MAINTENANCE MANUAL BY THE CONSULTANT PROVIDE TWO ADDITIONAL COPIES BOUND IN SEPARATE THREE RING BINDERS. A PDF FILE OF THE ENTIRE MANUAL IS TO BE PROVIDED ON A USB STICK. ONLY ONE USB STICK IS TO BE PROVIDED CONTAINING BOTH THE APPROVED MANUALS AND RECORD DRAWINGS.
18. CONTRACTOR SHALL PROVIDE 2 SETS OF REPRODUCIBLE ELECTRICAL DRAWINGS. MARK THEREON ALL CHANGES AS WORK PROGRESSES AND AS CHANGES OCCUR. THIS SHALL INCLUDE FIELD AND CONTRACT CHANGES TO ELECTRICAL SYSTEMS. IDENTIFY EACH DRAWING IN LOWER RIGHT HAND CORNER IN LETTERS AT LEAST 3mm (1/8") HIGH AS FOLLOWS: - RECORD DRAWINGS: THIS DRAWING HAS BEEN REVISED TO SHOW ELECTRICAL SYSTEMS AS INSTALLED. (SIGNATURE OF CONTRACTOR/DATE); SUBMIT HARD COPY TO CONSULTANT FOR APPROVAL. WHEN RETURNED, MAKE CORRECTIONS IF ANY AS DIRECTED. ONCE APPROVED, SUBMIT COMPLETED REPRODUCIBLE PAPER RECORD DRAWINGS AS WELL AS A SCANNED PDF COPY FILE ON USB STICK WITH OPERATING AND MAINTENANCE MANUALS.
19. CONTRACTOR SHALL PROVIDE RED LINE RECORD DRAWINGS OF EACH AND EVERY ELECTRICAL DRAWING FOR DEI CONSULTING ENGINEERS TO CAD THE RECORD DRAWINGS. THE CAD DRAWING FILES WILL BE PROVIDED TO THE OWNER AS PART OF THE MAINTENANCE MANUALS.
20. THE CONTRACTOR IS TO DETERMINE GENERAL INSPECTION FEES WITH THE ELECTRICAL SAFETY AUTHORITY AND INCLUDE AS PART OF TENDER.

### BASIC MATERIALS

1. JUNCTION, OUTLET AND PULL BOXES MUST BE APPROVED TO SUIT INSTALLATION METHODS AND ENVIRONMENT.
2. CONDUIT MUST BE CONCEALED UNLESS INSTALLED IN SERVICE OR STORAGE ROOMS.
3. CONDUIT MUST BE INSTALLED PARALLEL AND PERPENDICULAR TO BUILDING LINES IN A NEAT AND WORKMANLIKE MANNER.
4. ALL FEEDER AND BRANCH CIRCUIT WIRING MUST BE COPPER, T90 RATING/STYLE RUN IN EMT CONDUIT WITH INTERNAL INSULATED GREEN GROUND WIRE UNLESS NOTED OTHERWISE. MINIMUM WIRE SIZE SHALL BE #12 AND MINIMUM CONDUIT SIZE SHALL BE 3/4" (19mm).
5. AC90 CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING IN STEEL STUD WALLS AND "DROPS" IN T-BAR CEILING AREAS TO LIGHT FIXTURES AND FIRE ALARM DEVICES. LENGTH OF DROP MUST BE LIMITED TO 8'-0" (2400mm).
6. WHERE DEVICES ARE TO BE INSTALLED ON EXISTING WALLS IN FINISHED AREA, WHICH CANNOT BE FISHED, INSTALL FEEDS IN A SURFACE METAL RACEWAY EQUAL TO WIREMOLD V700 SERIES.
7. COLOUR CODE CONDUITS, BOXES AND METALLIC SHEATHED CABLES.
8. CODE WITH PLASTIC TAPE OR PAINT AT POINTS WHERE CONDUIT OR CABLE ENTERS WALL, CEILING, OR FLOOR, AND AT 15m(45') INTERVALS.
9. COLOUR BANDS MUST BE 25mm(1") WIDE AND CODED AS FOLLOWS FOR NOTED SYSTEMS.

SYSTEM	COLOUR
UP TO 208V	YELLOW

10. THIS CONTRACTOR MUST PAINT ALL SYSTEM JUNCTION BOXES AND COVERS IN CONFORMANCE WITH THE ABOVE SCHEDULE.

### DRAW BREAKDOWN

1. THIS CONTRACTOR MUST SUBMIT A BREAKDOWN OF THE TENDER PRICE INTO CLASSIFICATIONS TO THE SATISFACTION OF THE CONSULTANT, WITH THE AGGREGATE OF THE BREAKDOWN TOTALING THE TOTAL CONTRACT AMOUNT. EACH ITEM MUST BE BROKEN OUT INTO MATERIAL AND LABOUR COSTS. PROGRESS CLAIMS, WHEN SUBMITTED ARE TO BE ITEMIZED AGAINST EACH ITEM OF THE DRAW BREAKDOWN. THIS SHALL BE DONE IN TABLE FORM SHOWING CONTRACT AMOUNT, AMOUNT THIS DRAW, TOTAL TO DATE, % COMPLETE AND BALANCE.
2. BREAKDOWN SHALL BE AS FOLLOWS:
  1. PERMITS AND FEES
  2. MOBILIZATION (MAXIMUM 1%)
  3. COMMISSIONING (MINIMUM 3%)
  4. LIGHTING LAMP REPLACEMENT
  5. LIGHTING CONTROLS REPLACEMENT
3. THE BREAKDOWN MUST BE APPROVED BY THE CONSULTANT PRIOR TO SUBMISSION OF THE FIRST DRAW.
4. BREAKDOWNS NOT COMPLYING TO THE ABOVE WILL NOT BE APPROVED.
5. BREAKDOWN MUST INDICATE TOTAL CONTRACT AMOUNT.
6. MOBILIZATION AMOUNT MAY ONLY BE DRAWN WHEN ALL REQUIRED SHOP DRAWINGS HAVE BEEN REVIEWED BY THE CONSULTANT.

### SHOP DRAWINGS AND PRODUCT DATA

1. FURNISH COMPLETE CATALOG DATA FOR MANUFACTURED ITEMS OF EQUIPMENT TO BE USED IN THE WORK TO CONSULTANT FOR REVIEW WITHIN 30 DAYS AFTER AWARD OF CONTRACT.
2. IF MATERIAL OR EQUIPMENT IS NOT AS SPECIFIED OR SUBMITTAL IS NOT COMPLETE, IT WILL BE REJECTED BY CONSULTANT.
3. ADDITIONAL SHOP DRAWINGS REQUIRED BY THE CONTRACTOR FOR MAINTENANCE MANUALS, SITE COPIES ETC., SHALL BE PHOTOCOPIES OF THE 'REVIEWED' SHOP DRAWINGS. ALL COSTS TO PROVIDE ADDITIONAL COPIES OF SHOP DRAWINGS SHALL BE BORNE BY THE CONTRACTOR.
4. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED.
5. CATALOG DATA OR SHOP DRAWINGS FOR EQUIPMENT, WHICH ARE NOTED AS BEING REVIEWED BY CONSULTANT OR HIS ENGINEER SHALL NOT SUPERSEDE CONTRACT DOCUMENTS.
6. REVIEW COMMENTS OF CONSULTANT SHALL NOT RELIEVE THIS DIVISION FROM RESPONSIBILITY FOR DEVIATIONS FROM CONTRACT DOCUMENTS UNLESS CONSULTANT'S ATTENTION HAS BEEN CALLED TO SUCH DEVIATIONS IN WRITING AT TIME OF SUBMISSION, NOR SHALL THEY RELIEVE THIS DIVISION FROM RESPONSIBILITY FOR ERRORS IN ITEMS SUBMITTED.
7. CHECK WORK DESCRIBED BY CATALOG DATA WITH CONTRACT DOCUMENTS FOR DEVIATIONS AND ERRORS.
8. SHOP DRAWINGS AND PRODUCT DATA SHALL SHOW:
  1. MOUNTING ARRANGEMENTS.
  2. OPERATING AND MAINTENANCE CLEARANCES, E.G. ACCESS DOOR SWING SPACES.
9. SHOP DRAWINGS AND PRODUCT DATA SHALL BE ACCOMPANIED BY:
  1. DETAILED DRAWINGS OF BASES, SUPPORTS, AND ANCHOR BOLTS.
  2. MANUFACTURER TEST DATA WHERE REQUESTED.
  3. MANUFACTURER TO CERTIFY AS TO CURRENT MODEL PRODUCTION.
  4. CERTIFICATION OF COMPLIANCE TO APPLICABLE CODES.
10. STATE SIZES, CAPACITIES, BRAND NAMES, MOTOR HP, ACCESSORIES, MATERIALS, GAUGES, DIMENSIONS, AND OTHER PERTINENT INFORMATION. LIST ON CATALOG COVERS PAGE NUMBERS OF SUBMITTED ITEMS. UNDERLINE APPLICABLE DATA.
11. ONCE THESE SHOP DRAWINGS ARE RETURNED "REVIEWED" OR "REVIEWED AS NOTED" FABRICATION, PRODUCTION, AND INSTALLATION MAY COMMENCE. NOTE: IF A SHOP DRAWING IS RETURNED "REVIEWED AS NOTED" THIS CONTRACTOR MUST PROVIDE WRITTEN INDICATION THAT THE COMMENTS HAVE BEEN COMPLIED WITH.
12. A PARTIAL LIST OF SHOP DRAWINGS INCLUDES:
  1. LUMINAIRES
  2. WIRING DEVICES
  3. OCCUPANCY SENSORS

### FIRESTOPPING

1. FIRESTOPPING MATERIAL AND INSTALLATION WITHIN ANNULAR SPACE BETWEEN CONDUITS, DUCTS, AND ADJACENT FIRE SEPARATION.
  2. PROVIDE MATERIALS AND SYSTEMS CAPABLE OF MAINTAINING EFFECTIVE BARRIER AGAINST FLAME, SMOKE, AND GASES.
  3. COMPLY WITH THE REQUIREMENTS OF CAN4-S115-M35, AND DO NOT EXCEED OPENING SIZED FOR WHICH THEY HAVE BEEN TESTED.
  4. SYSTEMS TO HAVE AN F OR FT RATING (AS APPLICABLE) NOT LESS THAN THE FIRE PROTECTION RATING REQUIRED FOR CLOSURES IN A FIRE SEPARATION. PROVIDE "FIREWRAP" BLANKET AROUND SERVICES PENETRATING FIREWALLS.
  5. EXTENT OF BLANKET MUST CORRESPOND TO ULC RECOMMENDATIONS. IN GENERAL WRAP INDIVIDUAL CONDUITS WITH APPROVED FIREWRAP MATERIALS ON EACH SIDE OF FIREWALL. REFER TO ARCHITECTURAL DRAWINGS FOR FT RATINGS. PROVIDE 1 AND/OR 2 LAYERS OF FIREWRAP WITH TRANSVERSE AND LONGITUDINAL SEAMS OVERLAPPED AND/OR BUTTED (SECOND LAYER OFFSET FROM FIRST LAYER). CUT EDGES ARE TO BE SEALED WITH ALUMINUM FOIL TAPE. PROVIDE 50 MM STAINLESS STEEL BANDING AT 200 MM INTERVALS. INSTALL FIREWRAP TO MANUFACTURERS' RECOMMENDATIONS FOR PROPER FT RATING. ACCEPTABLE MANUFACTURERS ARE 3M FIREMASTER DUCTWRAP OR APPROVED EQUAL.
  6. THE FIRESTOPPING MATERIALS ARE NOT TO SHRINK, SLUMP OR SAG AND BE FREE OF ASBESTOS, HALOGENS AND VOLATILE SOLVENTS.
  7. FIRESTOPPING MATERIALS ARE TO CONSIST OF A COMPONENT SEALANT APPLIED WITH A CONVENTIONAL CAULKING GUN AND TROWEL.
  8. FIRESTOP MATERIALS ARE TO BE CAPABLE OF RECEIVING FINISH MATERIALS IN THOSE AREAS, WHICH ARE EXPOSED AND SCHEDULED TO RECEIVE FINISHES.
  9. FIRESTOPPING SHALL BE INSPECTED AND APPROVED BY LOCAL AUTHORITY PRIOR TO CONCEALMENT OR ENCLOSURE.
  10. INSTALL MATERIAL AND COMPONENTS IN ACCORDANCE WITH ULC CERTIFICATION, MANUFACTURERS INSTRUCTIONS AND LOCAL AUTHORITY.
  11. SUBMIT PRODUCT LITERATURE AND INSTALLATION MATERIAL ON FIRESTOPPING IN SHOP DRAWING AND PRODUCT DATA MANUAL.
  12. ACCEPTABLE MANUFACTURERS:
    - RECTORSEAL CORPORATION (METACAULK)
    - PROSET SYSTEMS
    - 3M
    - HILTI
    - STI FIRESTOP
- NOTE: FIRE STOP MATERIAL MUST CONFORM TO REQUIREMENTS OF LOCAL AUTHORITIES HAVING JURISDICTION. CONTRACTOR TO CONFIRM PRIOR TO APPLICATION AND ENSURE MATERIAL USED IS COMPATIBLE WITH THAT USED BY OTHER TRADES ON SITE.
13. ENSURE FIRESTOP MANUFACTURER REPRESENTATIVE PERFORMS ON SITE INSPECTIONS AND CERTIFIES INSTALLATION. SUBMIT INSPECTION REPORTS/CERTIFICATION AT TIME OF SUBSTANTIAL COMPLETION.

### OCCUPANCY REQUIREMENTS

1. FINAL CERTIFICATES
  1. ELECTRICAL SAFETY AUTHORITY

### READY FOR TAKEOVER

1. COMPLETE THE FOLLOWING TO THE SATISFACTION OF THE CONSULTANT PRIOR TO REQUEST FOR READY FOR TAKEOVER.
  1. AS-BUILT DRAWINGS.
  2. MAINTENANCE MANUALS.
  3. SYSTEM START UP.
  4. INSTRUCTIONS TO OWNERS.
  5. LIGHTING CONTROL SYSTEM.
  6. OUTLET COVER CIRCUIT LABELS.

### WIRING DEVICES

1. GENERAL PURPOSE AC SWITCHES MUST CONFORM TO CSA C22.2 NO. 111 (LATEST EDITION).
  2. 15 OR 20 A, 120 V, KEY-SWITCHED
  3. MANUALLY-OPERATED GENERAL PURPOSE AC SWITCHES WITH THE FOLLOWING FEATURES:
    1. TERMINAL HOLES APPROVED FOR NO. 10 AWG WIRE.
    2. SILVER ALLOY CONTACTS.
    3. UREA OR MELAMINE MOLDING FOR PARTS SUBJECT TO CARBON TRACKING.
    4. SUITABLE FOR BACK AND SIDE WIRING.
    5. TOGGLE COLOUR AS SELECTED BY ARCHITECT.
  4. ACCEPTABLE MATERIALS:
    1. KEYED SWITCH SINGLE POLE: HUBBELL CAT # HBL1221L (120V/277V) OR EQUAL.
  5. INSTALL SINGLE THROW SWITCHES WITH HANDLE IN "UP" POSITION WHEN SWITCH IS CLOSED.
  6. INSTALL SWITCHES IN GANG TYPE OUTLET BOX WHEN MORE THAN ONE SWITCH IS REQUIRED IN ONE LOCATION.
  7. LOW VOLTAGE OCCUPANCY SENSOR:
    - SENSORSWITCH CM 10 FOR CORRIDORS
    - PIR ONLY
    - PUSH-BUTTON PROGRAMMABLE
  - SENSORSWITCH CM-PDT-10 FOR EVERYWHERE ELSE OTHER THAN CORRIDORS.
    - DUAL TECHNOLOGY
    - PUSH-BUTTON PROGRAMMABLE
  - WALL SENSOR WV PDT 16
    - DUAL TECHNOLOGY
    - LARGE MOTION DETECTION 70FT
- OR EQUAL:
1. HUBBELL
  2. LEVITON
  3. GREENGATE

8. POWERPACK SENSORSWITCH PP16 EFP (120V) OR EQUAL HUBBELL, LEVITON AND GREENGATE.
9. PROVIDE OTHER OCCUPANCY SENSORS TO SUIT THE DETAIL(S) ON THE DRAWINGS.
10. ALL SENSORS SHALL BE SET TO 5 MINUTES "DELAY TO OFF" UNLESS OTHERWISE DIRECTED.
11. OCCUPANCY SENSORS:
  1. INSTALL POWER PACKS IN ACCESSIBLE MAINTENANCE AREAS.
  2. PROVIDE ACCESS DOORS IF POWER PACKS ARE INSTALLED ABOVE DRYWALL CEILINGS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND AIM SENSOY IN THE CORRECT LOCATION REQUIRED FOR COMPLETE AND PROPER COVERAGE WITHIN THE RANGE OF COVERAGE AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE LOCATIONS AND QUANTITIES OF SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE ROOMS WHICH ARE TO BE PROVIDED WITH SENSORS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL SENSORS IF REQUIRED TO PROPERLY AND COMPLETELY COVER THE RESPECTIVE ROOMS.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE A PRE-INSTALLATION MEETING WITH THE MANUFACTURER'S FACTORY AUTHORIZED REPRESENTATIVE, AT THE FACILITY, TO VERIFY PLACEMENT TO SENSORS AND INSTALLATION CRITERIA.
5. THE CONTRACTOR SHALL ALSO PROVIDE THE ON-SITE TRAINING NECESSARY TO FAMILIARIZE THE OWNER'S PERSONNEL WITH THE OPERATION, USE, ADJUSTMENT AND PROBLEM SOLVING DIAGNOSIS OF THE OCCUPANCY SENSING DEVICES SYSTEMS.
12. INSTALL DEVICES IN GANG TYPE OUTLET BOX WHEN MORE THAN ONE DEVICE IS REQUIRED IN ONE LOCATION.
13. STAINLESS STEEL, VERTICALLY BRUSHED, 1mm THICK COVER PLATES FOR WIRING DEVICES MOUNTED IN FLUSH-MOUNTED OUTLET BOXES.
14. SHEET METAL COVER PLATES FOR WIRING DEVICES MOUNTED IN SURFACE-MOUNTED FS OR FD TYPE CONDUIT BOXES.
15. PROTECT STAINLESS STEEL COVER PLATE FINISH WITH PAPER OR PLASTIC FILM UNTIL PAINTING AND OTHER WORK IS FINISHED.
16. INSTALL SUITABLE COMMON COVER PLATES WHERE WIRING DEVICES ARE GROUPED.
17. LINE VOLTAGE SENSORS - SENSOR SWITCH WSXA PDT WH (REFER TO LIGHTING SEQUENCE CONTROLS FOR VOLTAGE)
  - DUAL TECHNOLOGY
  - PUSH-BUTTON PROGRAMMABLE
  - VACANCY SENSOR IN STAFF-ONLY AREAS
  - OCCUPANCY SENSOR IN STUDENT-ACCESSED AREAS.

### LIGHTING SYSTEMS

FIXTURES ARE TO BE PROVIDED AS NOTED IN THE LIGHT FIXTURE SCHEDULE C/W THE FOLLOWING FEATURES:

1. LED
  1. FIXTURE LED'S MUST BE TESTED IN CONFORMANCE WITH IESNA LM80 STANDARD.
  2. LED'S MUST BE SELECTED USING A BINNING ALGORITHM TO ENSURE COLOUR AND LUMEN OUTPUT OF A GIVEN FIXTURE ARE CONSISTENT, AS WELL AS MEET OR SURPASS ANSI C78.377 SPECIFICATION FOR THE RATED LIFETIME OF THE FIXTURE. COLOUR ACCURACY BETWEEN PRODUCTS MUST BE WITHIN A 2-STEP MACADAM ELLIPSE.
  3. LUMINAIRES MUST BE TESTED TO IESNA LM79 BY AN INDEPENDENT APPROVED LABORATORY.
  4. LUMINAIRES MUST BE TESTED PRIOR TO SHIPPING.
  5. LUMINAIRES MUST BE ULC CERTIFIED AND APPROVED FOR USE IN CANADA.
  6. FIXTURES MUST MAINTAIN A MINIMUM OF 90% OF THEIR INITIAL LIGHT OUTPUT FOR 60,000 HOURS. SUBMIT TEST RESULTS UPON REQUEST.
  7. LUMEN VALUES INDICATED FOR FIXTURES IN THE PROJECT DOCUMENTS ARE TO BE CONSIDERED AS 'ABSOLUTE' OR 'DELIVERED' VALUES
  8. OTHER THAN FOR SPECIALTY FIXTURES, AND UNLESS OTHERWISE INDICATED, THE MAXIMUM DRIVER CURRENT IS TO BE 750 MA.
2. FIXTURE INSTALLATION
  1. LOCATE AND INSTALL LUMINAIRES AS INDICATED.
  2. FIXTURE SURFACE MOUNTED TO SUSPENDED CEILINGS MUST BE SECURED THROUGH CEILING ASSEMBLY TO CROSS MEMBER SUPPORTS. THESE SUPPORTS ARE TO BE STEEL CHANNELS OR ANGLES INDEPENDENTLY SECURED TO STRUCTURE USING #12 "JACK" CHAIN. EACH CHAIN MUST BE SECURED SO NO FIXTURE WEIGHT IS ADDED TO THE CEILING ASSEMBLY.
  14. ALIGN LUMINAIRES MOUNTED IN CONTINUOUS ROWS TO FORM STRAIGHT UNINTERRUPTED LINES.
  15. ALIGN LUMINAIRES MOUNTED INDIVIDUALLY PARALLEL OR PERPENDICULAR TO BUILDING GRID LINES.
3. GUARANTEE
  1. ALL LED FIXTURES AND DRIVERS ARE TO BE COMPLETE WITH A 5 YEAR GUARANTEE.
  2. THE LABOUR REQUIRED TO REPLACE THESE DRIVERS MUST BE INCLUDED IN THE ABOVE GUARANTEE

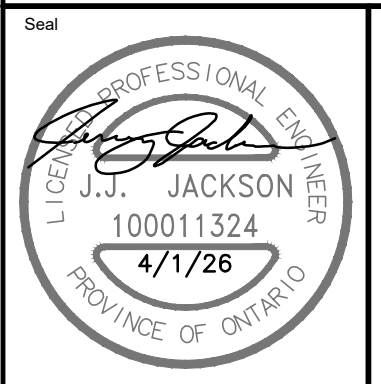
### MOTOR STARTERS AND DEVICES

1. CONTACTORS OF SIZE, TYPE, RATING AND ENCLOSURE TYPE AS INDICATED WITH COMPONENTS AS FOLLOWS:
  1. CONTACTOR SOLENOID OPERATED, RAPID ACTION TYPE.
  2. WIRING AND SCHEMATIC DIAGRAM INSIDE STARTER ENCLOSURE IN VISIBLE LOCATION.
  3. IDENTIFY EACH WIRE AND TERMINAL FOR EXTERNAL CONNECTIONS. WITHIN CONTACTOR, WITH PERMANENT NUMBER MARKING IDENTICAL TO DIAGRAM.
2. ACCESSORIES:
  2. INDICATING LIGHTS: STANDARD DUTY TYPE AND COLOUR AS INDICATED.
  3. 1-NO AND 1-NC SPARE AUXILIARY CONTACTS UNLESS OTHERWISE INDICATED.
  4. SINGLE PHASE, DRY TYPE, CONTROL TRANSFORMER WITH PRIMARY VOLTAGE AS INDICATED AND SECONDARY VOLTAGE TO SUIT REMOTE CONTROL DEVICE, COMPLETE WITH SECONDARY FUSE, INSTALLED IN WITH CONTACTOR AS INDICATED.
  5. SIZE CONTROL TRANSFORMER FOR CONTROL CIRCUIT LOAD PLUS 20% SPARE CAPACITY.
3. ALL STARTERS AND DEVICES MUST BE CAPABLE OF INTERRUPTING A FAULT CURRENT OF 35,000KA RMS SYMMETRICAL.
4. PROVIDE NEMA STYLE STARTERS ONLY. IEC STARTERS OR HALF SIZE STARTERS WILL NOT BE ACCEPTED.
5. EACH CONTACTOR SHALL BE EQUIPPED A FUSED CONTROL POWER TRANSFORMER, TWO (2) INDICATING LIGHTS, CONTROL DEVICE AS PER THE EQUIPMENT WIRING SCHEDULE, TWO (2)-NO AND TWO (2)-NC CONTACTS (INCLUDING SPARES), UNLESS OTHERWISE SCHEDULED ON THE DRAWINGS, DEVICE PANEL TO HAVE SPACE TO ACCOMMODATE SIX 0.1-TITE PILOT-CONTROL DEVICES OR INDICATING AMMETERS, VOLTMETERS, OR ELAPSED TIME METERS.
6. INDIVIDUAL FEEDER AND STARTER DISCONNECT SWITCHES SHALL BE QUICK-MAKE, QUICK-BREAK GANG OPERATED TYPE UTILIZING CLASS J FUSE CLIPS. THE FUSED SWITCH SHALL HAVE A 200, 000 AIC AT RATED VOLTAGE.

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 work.  
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.  
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### ISSUANCES

No	DATE YY MM DD	DESCRIPTION	BY
1	26.02.13	ISSUED FOR REVIEW	RV
A	26.04.01	ISSUED FOR TENDER	RV



Project  
**WRDSB EASTWOOD CI  
INTERIOR & EXTERIOR  
LIGHTING UPGRADES**

760 WEBER ST. E., KITCHENER, ON N2V 1H6

Sheet Title  
**ELECTRICAL  
SPECIFICATIONS PAGE  
1 OF 1**

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Drawn by HZ	Checked by RV	Approved by RV
Scale AS NOTED	Project Date OCT 2025	Print Date
Project No. 25355	Drawing No. E401	