Addendum No. 1

BARRY BRYAN ASSOCIATES

Project No:	25254
Date:	May 22, 2026
Tender No:	TDSB TR-25-0959
Project:	**ACCESSIBILITY UPGRADES – PARKDALE JUNIOR AND SENIOR PUBLIC SCHOOL** **Toronto District School Board**

The following information supplements and/or supersedes the bid documents issued on Toronto District School Board.

This Addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject bidder to disqualification.

SPECIFICATIONS

1.1 DIVISION 01 21 00 ‘Allowances’

.1 Add section 01 21 00. Refer to attached.

1.2 DIVISION 08 71 10 Door Hardware

.1 Replace Part 2 Products, 2.1 Materials, Sentence 5 with the following

” Provide interchangeable construction core. Keying for TDSB Medeco cylinders shall be installed separately by Others.”

DRAWINGS

1.3 ARCHITECTURAL DRAWINGS

.1 Delete the following BBA drawings entirely and replace with new drawings issued as part of this addendum. Changes are bubbled on the drawings:

a. A202 ‘PART FLOOR PLANS’ revisions 1 dated May 22, 2026.

b. A901 ‘SCHEDULES’ revision 1 dated May 22, 2026.

GENERAL

1.4 Refer to the Attached MCW Consultants Ltd. Addendum #001 dated May 22, 2026.

1.5 The General Contractor shall coordinate with the local fire department to revise, submit, and obtain approval for the temporary fire safety and exit layout plan associated with the required closure of any means of egress during construction. The Contractor shall implement all required temporary life safety measures, maintain compliance with applicable fire and building codes at all times, and ensure that all occupants are notified of the revised exit arrangements prior to commencement of the work.

250 Water St. Suite 201
Whitby, ON, L1N 0G5
(905) 666 – 5252
www.bba-archeng.com

SYSTEM CERTIFICATION ISO 9001 SGS

1.6 Contractor is to be aware of on-site daycare, community and pool permits during specified times. Scheduling and coordination of construction activities shall be carried out in a manner as to not impede, disrupt or in any way negatively impact the daily activities or safety of the users. Work can be performed during regular hours. Where the work will impact the users, it shall be carried out outside of regular hours to maintain the schedule. Refer to attached plans identifying areas of work, permit occupancy and Mechanical Project.

1.7 Contractor to be aware that there will be a separate Mechanical project ongoing at the school during July/August. It is the Contractors responsibility to coordinate work with the other contractor for required time and space separation per Ministry of Labour requirements.

QUESTIONS AND ANSWERS

1.8 Question: Specification does not indicate the gauge of doors, please advise.

Answer: Doors shall be 16 gauge.

End of Addendum No. 1

Yours very truly,

Barry Bryan Associates
Architects, Engineers, Project Managers

Crystal Gardner, M.Arch., OAA

CG/gs

Attachments:
- 01 21 00 Allowances (2 pages)
- BBA Drawing A202,and A901 (2 pages)
- MCW Consultants Ltd.'s Addendum #001
- Parkdale Jr/Sr Tenant Floor Plan (5 pages)

I/We hereby acknowledge receipt of this Addendum.

Signature (signing officer of firm)

Position

BARRY BRYAN ASSOCIATES

Name of Firm

One copy of the addendum must be signed and returned with the completed tender, or the tender submitted shall be rejected.

PART 1 GENERAL

1.1 Section Includes

.1 Cash Allowances

1.2 References

.1 Canadian Construction Documents Committee CCDC2-2020 Stipulated Price Contract including the Supplementary Conditions.

1.3 Cash Allowances

.1 Refer to General Conditions, GC4.1.

.2 Unless otherwise specified, Cash Allowances shall cover the cost of the materials and equipment delivered F.O.B. job site, and all applicable taxes, except Harmonized Sales Tax. The Contractor's handling costs on the site, labour, installation costs, overhead and profit and other expenses shall be included separately in the Stipulated Price and not in the Cash Allowance.

.3 Where it is specified that a Cash Allowances is to include both supply and installation costs, such allowances shall cover the cost of the materials and equipment delivered and unloaded at the site, all applicable taxes and the contractor’s handling costs on the site, labour and installation costs and other expenses, except overhead and profit which shall be included separately in the Stipulated Price.

.4 If the cost of the Work covered by Cash Allowances, when determined, is more or less than the allowance, the Contract Sum shall be adjusted accordingly.

.5 In the event that the cost of the work covered by Cash Allowances should exceed the cash allowance, while the Contract Sum will be adjusted in conformity therewith, there shall be no adjustment to the Contractor's fee or other expenses such as overhead or profit, it being understood and agreed that the contract sum includes the Contractor's expenses and profit for all Cash Allowances whether or not they are exceeded.

.6 Progress payments on accounts of work authorized under Cash Allowances shall be included in monthly certificate for payment.

.7 Expenditures from Cash Allowances shall be authorized by Site Instruction, Change Directive or Change Order.

.8 Cash Allowance for independent inspection and testing shall cover the cost of such services as provided by independent testing agency only. The Contractor's cost for labour, overhead and other expenses related to independent inspection and testing shall be included separately in the Stipulated Price and not in the Cash Allowance.

.9 Cause the work covered by Cash Allowances to be performed for such amounts and by such persons as the Consultant may select and direct or as required by the project drawings and specifications.

.10 Cash Allowance to include the following refer to the TPS for amounts to be carried.

.1 Independent Inspection and Testing:

PART 2 PRODUCTS

2.1 Not Used

.1 Not used

PART 3 EXECUTION

3.1 Not Used

.1 Not used

End of Section

Section 08 71 01 Door Hardware Schedule

Heading #1

1 Pair of doors 101, Corridor From Gymnasium A 133 LHRA/RHRA

965, 965 x 2150 x 45 - HM DR x HM FR - 45 MIN

6	Standard Hinge	CB168NRP (5" x 4 1/2")	US26D
1	Exit Device	12-8813 ETL US26D/US32D - LHR	US26D/US32D
1	Exit Device	12-8813 ETL US26D/US32D - RHR	US26D/US32D
1	Removable Mullion	12-980 USP	USP
1	Auto. Door Operator	HA8 Series	
1	Electric Strike	F9600-630	630
2	36" Long Push Plate	CM-7536/4	
1	Surface Closer	4040XP EDA 689	689
2	Overhead Door Stop Concealed	1020 SL to Suit Opening Size	US32D
2	Kick Plate	K10A x 200 x 2" LDW	US32D
2	Weatherstripping	W-22 x Opening Size (2xH, 1xW)	BL
2	Door Sweep	W-13S x Opening Width	CA

NOTE: 120VDC is required at the head of the door for all handicap door operators, 15A dedicated circuit. Wall/Frame must
be reinforced for automatic operator mounting, all conduit and back boxes with pull cords are to be provided by the electrical contractor.

Heading #2

1 Single door 101A, Gymnasium A 133 From Stage 133A — RHR

965 x 2150 x 45 - HM DR x HM FR

3	Standard Hinge	CB168NRP (5" x 4 1/2")	US26D
1	Lockset	11G37 LL US26D - RHR	US26D
1	Electric Strike	1006-630 E-630	630
1	Auto. Door Operator	HA8 Series	
2	36" Long Push Plate	CM-7536/4	
1	Kick Plate	K10A x 200 x 2" LDW	US32D
1	Overhead Door Stop Concealed	1020 SL to Suit Opening Size	US32D
1	Weatherstripping	W-22 x Opening Size (2xH, 1xW)	BL

NOTE: Operators only supply and install.120VDC is required at the head of the door for all Barrier-free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit and back boxes with pull cords are to be provided by the electrical contractor.

Heading #3

1 Pair of doors 102, Corridor From Corridor — LHRA/RHRA
1 Pair of doors 103, Corridor From Corridor — LHRA/RHRA
1 Pair of doors 202, Corridor From Corridor — LHRA/RHRA
1 Pair of doors 203, Corridor From Corridor — LHRA/RHRA

965, 965 x 2150 x 45 - HM DR x HM FR - 45 MIN

24	Standard Hinge	NRP-CB168 (4 1/2" x 4)	US26D
4	Exit Device	12-8815 ETL US26D/US32D - LHR	US26D/US32D
4	Exit Device	12-8815 ETL US26D/US32D - RHR	US26D/US32D
4	Removable Mullion	12-980 USP	USP
8	Electronic Closer	4040SE DE STDTRK 689 45	689
		Closer To Release Upon Fire Alarm.	
8	Kick Plate	K10A x 200 x 2" LDW	US32D
8	Weatherstripping	W-22 x Opening Size (2xH, 1xW)	BL

Heading #4

1 Elevation 104, Corridor From Aquatic Rm 144 LHR

__ x __ x __ - EX DR x EX FR

EXISTING DOOR

1	Electric Strike	1006-630 E-630	630
1	Auto. Door Operator	HA8 Series	
2	36" Long Push Plate	CM-7536/4	

NOTE: Operators only supply and install.120VDC is required at the head of the door for all Barrier-free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit and back boxes with pull cords are to be provided by the electrical contractor.
Balance Of Existing Hardware To Remain.

Heading #5

1 Single door 201, Corridor To Library 200 — LH

965 x 2150 x 45 - HM DR x HM FR - 45 MIN

3	Standard Hinge	CB168 (5" x 4 1/2")	US26D
1	Security Classroom Lockset	10XG38 LL / LL US26D / US26D - LH	US26D/US26D
1	Electric Strike	1006-630 E-630	630
1	Auto. Door Operator	HA8 Series	
2	36" Long Push Plate	CM-7536/4	
1	Kick Plate	K10A x 200 x 2" LDW	US32D
1	Overhead Door Stop Concealed	1020 SL to Suit Opening Size	US32D
1	Weatherstripping	W-22 x Opening Size (2xH, 1xW)	BL

NOTE: Operators only supply and install.120VDC is required at the head of the door for all Barrier-free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit and back boxes with pull cords are to be provided by the electrical contractor.

Heading #6

1 Pair of doors 204, Corridor From Cafeteria 221 — LHRA/RHRA

965, 965 x 2150 x 45 - HM DR x HM FR - 45 MIN

6	Standard Hinge	CB168NRP (5" x 4 1/2")	US26D
1	Exit Device	8815 ETL US26D/US32D - LHR	US26D/US32D
1	Exit Device	8815 ETL US26D/US32D - RHR	US26D/US32D
1	Removable Mullion	12-980 USP	USP
2	Electronic Closer	4040SE DE STDTRK 689 45 Closer To Release Upon Fire Alarm.	689
2	Overhead Door Stop Concealed	1020 SL to Suit Opening Size	US32D
2	Kick Plate	K10A x 200 x 2" LDW	US32D
2	Weatherstripping	W-22 x Opening Size (2xH, 1xW)	BL

FLOOR PLAN NOTATION LEGEND

CORRIDOR
CA — ROOM NAME & NUMBER

PXX — INTERIOR PARTITION OR FURRING TYPE

101 — DOOR NUMBER

SC01 — INTERIOR GLAZED SCREEN NUMBER

1 / A200 — WALL SECTION REFERENCE

D / C / 1 / A901 / A / B — INTERIOR ELEVATION REFERENCE NUMBER

NEW DOOR

EXISTING DOOR

DOOR WITH DOOR OPERATOR

PB — BARRIER FREE DOOR OPERATOR PUSH BUTTON

PARTITION TYPES SCHEDULE

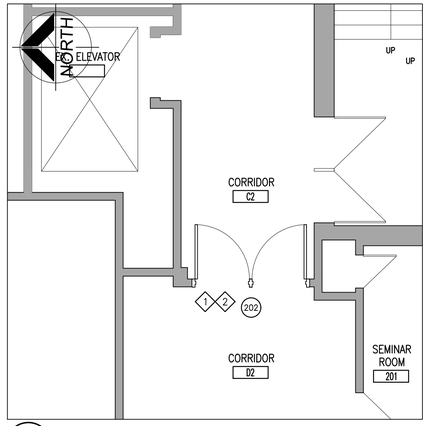
190 / P1 — 190mm CONCRETE BLOCK TO U/S OF STRUCTURE

PARTITION & FURRING NOTES

1. UNLESS OTHERWISE NOTED, ALL PARTITIONS TERMINATE AT UNDERSIDE OF FLOOR OR ROOF STRUCTURE, U.N.O.
2. ALL GYPSUM BOARD BULKHEADS AND PARTITIONS ABOVE MASONRY WALLS OR GLAZING TO BE BRACED AS REQUIRED (TYP.).
3. ALL OUTSIDE CORNERS OF EXPOSED INTERIOR BLOCK WALLS TO BE BULLNOSED BLOCKS. GROUNDING CORNERS ON A JIG WILL BE REJECTED.
4. ALL FULL HEIGHT MASONRY PARTITIONS SHALL BE CONNECTED TO THE U/S OF ROOF DECK U.N.O.
5. ALL ENDS OF TERMINATED EXPOSED MASONRY BLOCK WALLS MUST BE GROUTED SOLID INCLUDING DOORS/ OPENINGS.
6. PROVIDE FIRE STOPPING/ SMOKE SEAL AT TOPS OF ALL RATED PARTITIONS/ FURRING TYPES AT UNDERSIDE OF ROOF DECK C/W INFILL OF FLUTES.
7. ALL PENETRATIONS THROUGH RATED PARTITIONS/ FIREWALL ARE TO BE FIRESTOPPED WITH LISTED FIRESTOPPING SYSTEM.

CONSTRUCTION NOTES

1. NEW DOORS AND FRAMES IN RETROFIT OPENINGS ALLOW FOR ADJUSTMENT AS NEEDED.
2. ALLOW FOR WORK NEEDED TO COORDINATE INSTALLATION OF MAGNETIC HOLD OPEN DEVICE.
3. REFINISH/ PAINT EXISTING FRAMES ADJACENT TO NEW WORK.



6 / A202 PART SECOND FLOOR PLAN
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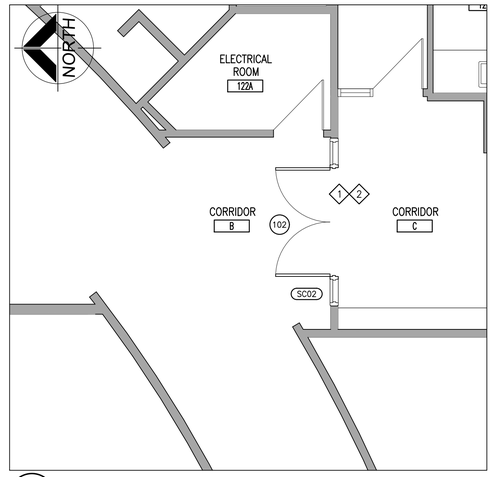

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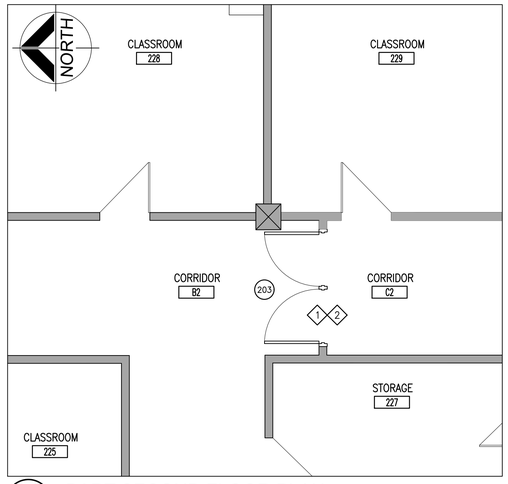

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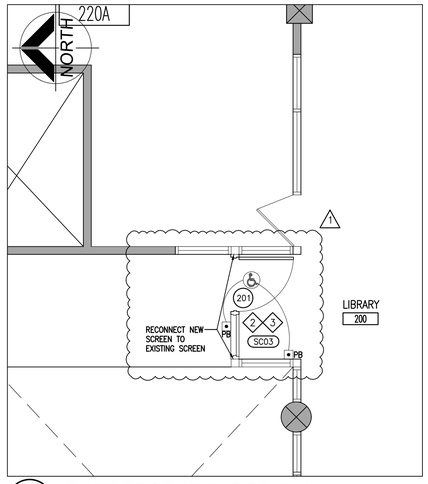

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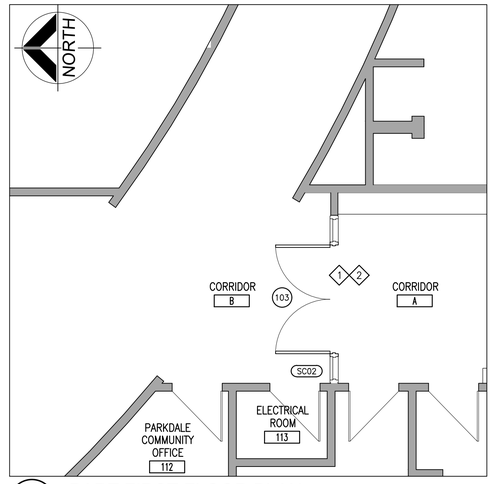

2 / A202 PART FIRST FLOOR PLAN
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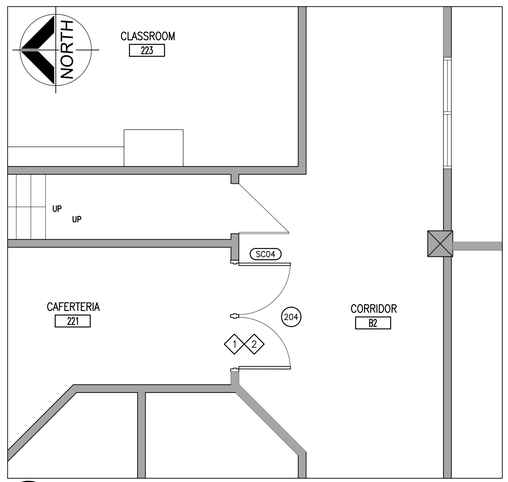

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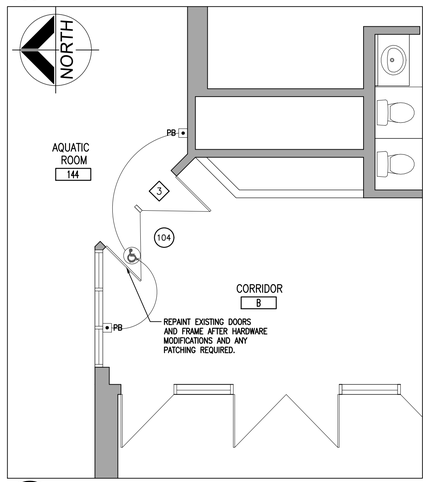

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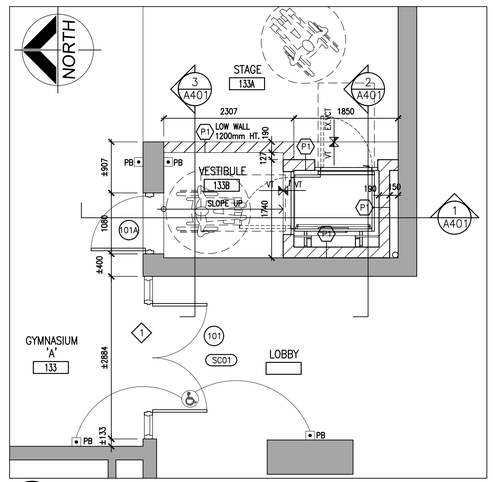

1 / A202 PART FIRST FLOOR PLAN
1:50

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tdsb
Toronto District School Board

NO.	ISSUES/ REVISIONS	DATE	BY
1	ISSUED FOR REVIEW	FEB. 26, 2026	BBA
2	ISSUED FOR PERMIT & TENDER	APRIL 1, 2026	BBA
3	ISSUED FOR TENDER	APRIL 29, 2026	BBA
4	ISSUED FOR ADDENDUM #1	MAY 22, 2026	BBA

BBA
BARRY BRYAN ASSOCIATES

PROJECT:

ACCESSIBILITY UPGRADES
PARKDALE JR. & SR. P.S.
TDSB# TR-25-0959
78 SEAFORTH AVENUE
TORONTO, ON M6K 3L2
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
PART FLOOR PLANS

DESIGN BY: BBA
DRAWN BY: LQ
CHECKED BY: CM
DATE: 26-02-02
SCALE: 1:50
SEAL:
PROJECT NO: 25254
DRAWING NO: A202

ROOM SCHEDULE

ROOM NO.	ROOM NAME		FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	CEILING HEIGHT	REV.	REMARKS
133	GYMNASIUM 'A'	MAT.	EX	EX	EX	EX	EX	EX	EX	EX		
		FIN.	EX	EX	EX	EX	EX	EX	–	–		
133A	STAGE	MAT.	EX	EX	EX	EX	EX	EX/CB	EX	EX		MATCH STAGE FLOOR FINISH
		FIN.	EXWD	EX	EX	EX	EX	P	–	–		
133B	VESTIBULE	MAT.	EX/CONC	EX/CB	EX	CB	CB	EX/CB	EX	EX		
		FIN.	VCT	R	P	P	P	P	–	–		

DOOR AND FRAME SCHEDULE

DOOR NO.	SIZE AND THICKNESS	TYPE	MATERIAL	FINISH	GLASS	FRAME TYPE	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME MATERIAL	FRAME FINISH	FIRE RATING	DOOR HARDWARE GROUP	REMARKS
101	(2) 965x2150x45	2G	HM	PAINT	FG	F2	SC01	–	PS	PAINT	45 MIN.		MATCH EXISTING ROUGH OPENING
101A	965x2150x45	NL	HM	PAINT	GL1	F1	–	–	PS	PAINT			
102	(2) 965x2150x45	2G	HM	PAINT	FG	F2	SC02	–	PS	PAINT	45 MIN.		MATCH EXISTING ROUGH OPENING
103	(2) 965x2150x45	2G	HM	PAINT	FG	F2	SC02		PS	PAINT	45 MIN.		MATCH EXISTING ROUGH OPENING
104	EXISTING												PREPARE EXISTING DOOR FOR NEW HARDWARE, PAINT EX. DOOR & FRAMES
201	965x2150x45	2G	HM	PAINT	FG	F1	SC03		PS	PAINT	45 MIN.		
202	(2) 965x2400x45	2G	HM	PAINT	FG	F3			PS	PAINT	45 MIN.		MATCH EXISTING ROUGH OPENING
203	(2) 965x2400x45	2G	HM	PAINT	FG	F3			PS	PAINT	45 MIN.		MATCH EXISTING ROUGH OPENING
204	(2) 915x2150x45	2G	HM	PAINT	FG	F4	SC04		PS	PAINT	45 MIN.		MATCH EXISTING ROUGH OPENING

DOOR HARDWARE GROUP: HINGE; CLOSER; MOP STOP; THRESHOLD; DOOR OPERATOR; PANIC; LOCK; LOCKSET; LATCHSET; ELECTRIC STRIKE; FLOOD OPEN HOLD; KICK PLATE

NOTE: REFER TO DOOR HARDWARE SCHEDULE FOR SPECIFICATIONS

GENERAL NOTES

A. GLASS PANELS IN DOORS TO COMPLY WITH BARRIER FREE VISIBILITY REQUIREMENTS.

B. PREPARE DOORS AND FRAMES FOR ELECTRONIC HARDWARE WHERE INDICATED. CONDUITS SHALL BE CONCEALED IN FRAMES.

C. REMOVE AND REINSTALL (MISC. ELECTRONIC ATTACHMENTS) AS PER EXISTING DOOR LOCATIONS. PATCH, REPAIR AND MAKE GOOD ALL AFFECTED SURFACES.

D. PATCH, REPAIR AND MAKE GOOD ALL AFFECTED SURFACES AS REQUIRED FOR NEW WORK.

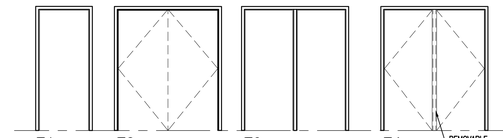
E. ALL DOORS IN FIRE SEPARATION LOCATIONS SHALL HAVE LATCHING DEVICE.

F. PRESSED STEEL FRAME DEPTHS SHALL BE 146MM UNLESS OTHERWISE NOTED.

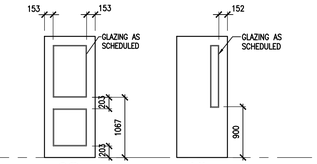
G. ALLOW FOR DIFFERENT PAINT COLOURS FOR DOORS AND FRAMES AS PER EXISTING CONDITIONS WITHIN SCHOOL.

FINISH ABBREVIATION LEGEND

ACP	ACOUSTIC CEILING PANEL
CB	CONCRETE BLOCK
CONC	CONCRETE
CT	CERAMIC TILE
EX	EXISTING
EXIST	EXISTING
EXP	EXPOSED
FRG	FIRE RESISTANT GLAZING
G	GLASS
GL	GLASS
GB	GYPSUM BOARD
HM	HOLLOW METAL
NTS	NOT TO SCALE
P	PAINT
PCT	PORCELAIN CERAMIC TILE
PREFIN	PREFINISHED
PS	PRESSED STEEL
R	RUBBER
R.O.	ROUGH OPENING
TG	TEMPERED GLASS
URETH	URETHANE
VCT	VINYL COMPOSITION TILE
WD	WOOD



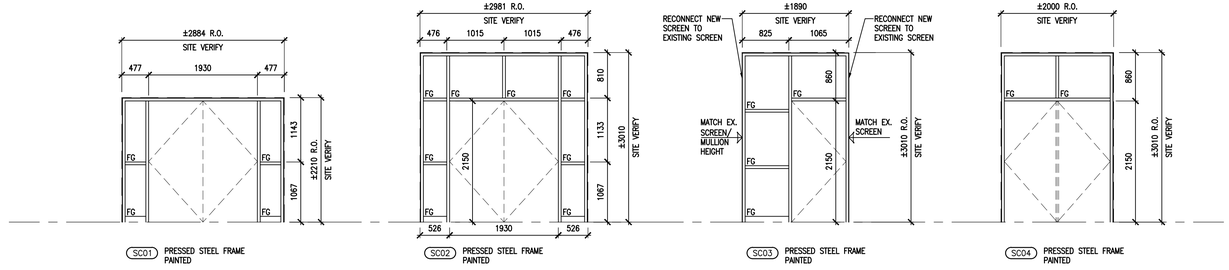
FRAME TYPES



DOOR TYPES

GLAZING LEGEND

GL1	SINGLE GLAZED TEMPERED GLASS
FG	FIRE RATED GLASS



SC01 PRESSED STEEL FRAME PAINTED

SC02 PRESSED STEEL FRAME PAINTED

SC03 PRESSED STEEL FRAME PAINTED

SC04 PRESSED STEEL FRAME PAINTED

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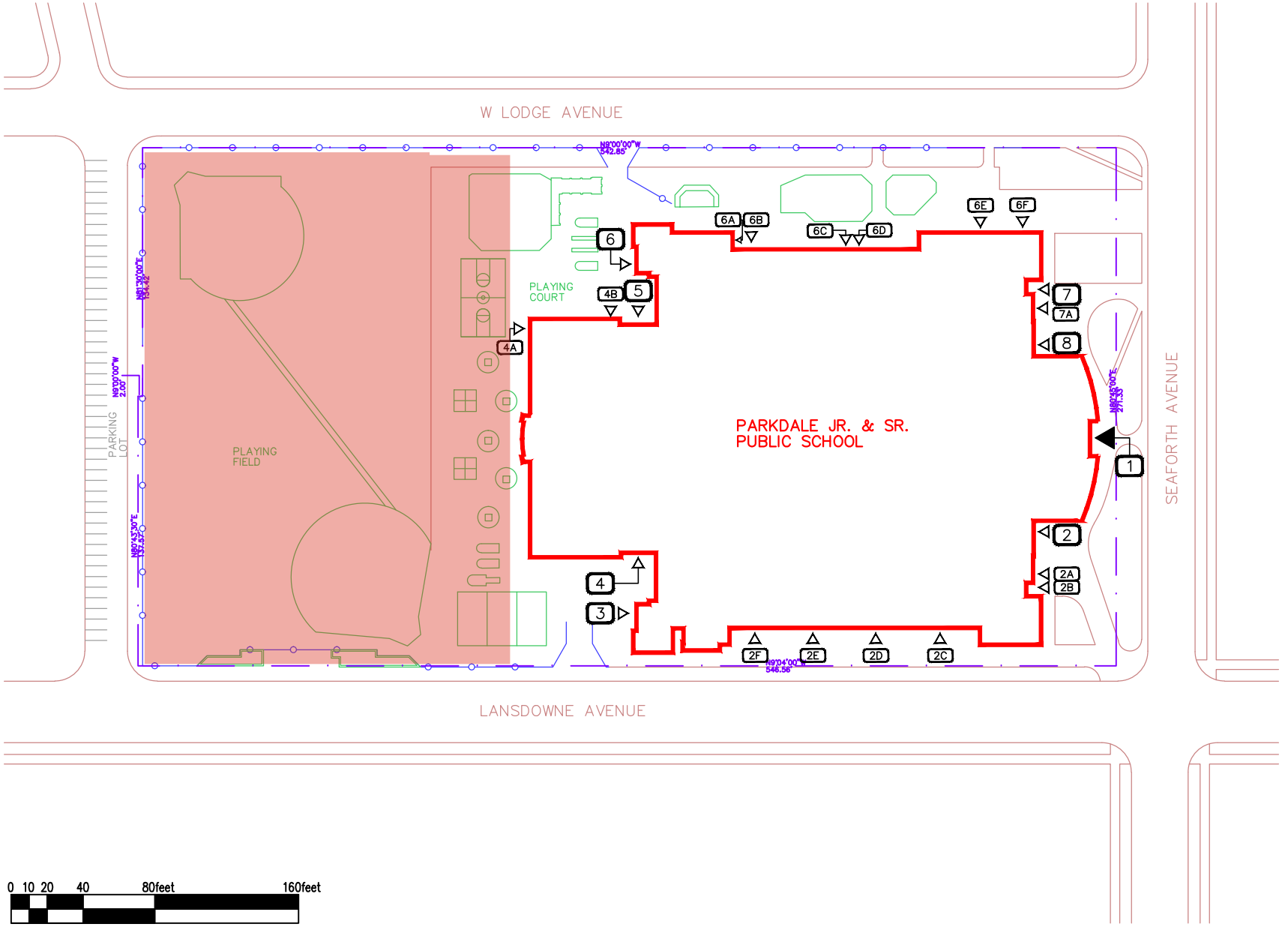
ACCESSIBILITY UPGRADES
PARKDALE JR. & SR. P.S.
TDSB# TR-25-0959
78 SEAFORTH AVENUE
TORONTO, ON M6K 3L2
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
SCHEDULES

DESIGN BY:	BBA
DRAWN BY:	LQ
CHECKED BY:	CM
DATE:	26-02-19
SCALE:	1:50
SEAL:	
PROJECT NO:	25254
DRAWING NO:	A901

- Summer Camp - 9am to 5pm



LEGEND:

EX. DOOR LABEL XXXX

MAIN ENTRANCE

EXTERIOR DOOR

North Arrow

Facility Services

Toronto District School Board

Technical Services Division
Design & Construction Unit
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

Facility

Parkdale Jr & Sr Public School

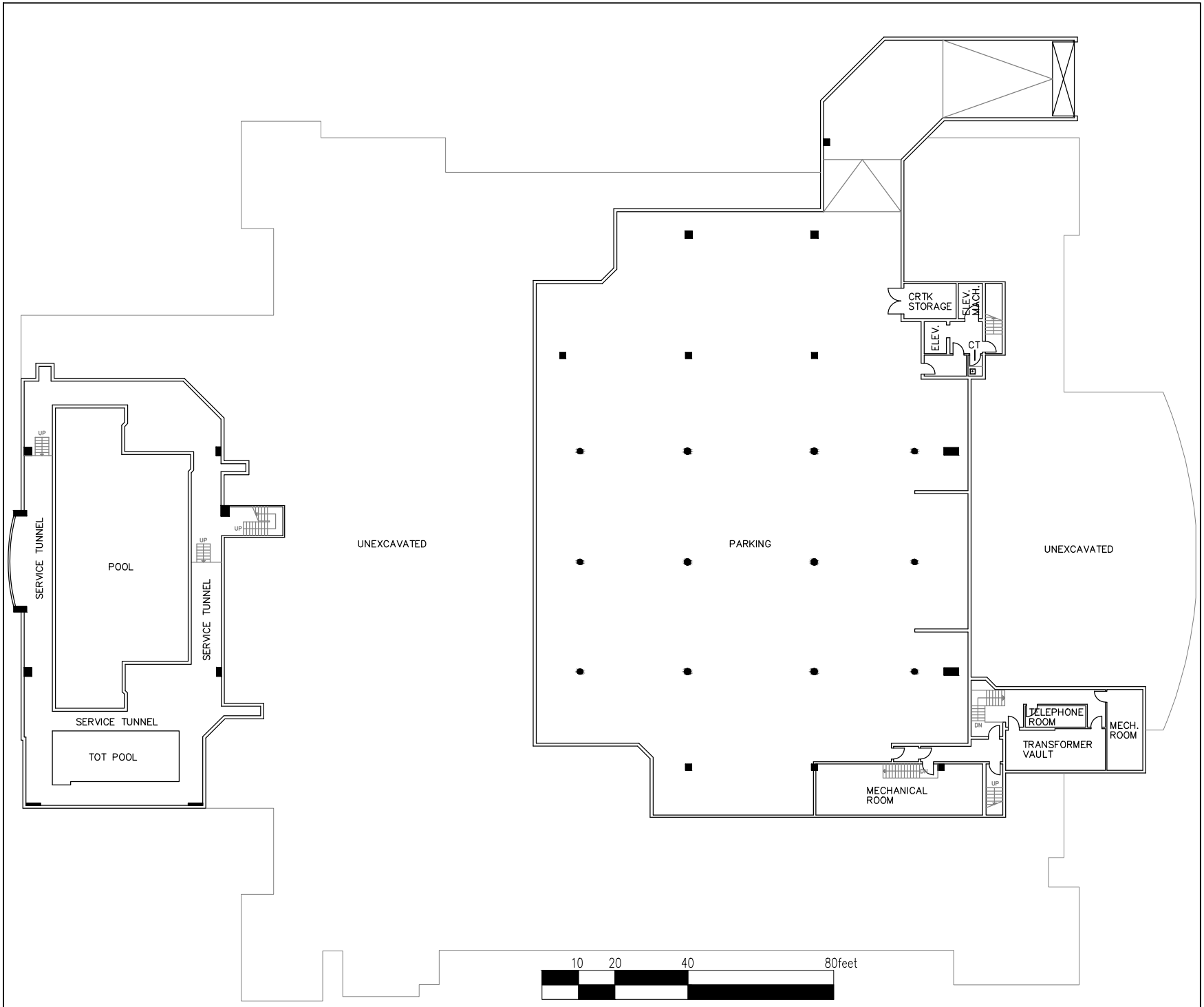
Address

78 Seaforth Avenue
M6K 3L2
TORONTO

Sheet Title

Site Plan

Facility #	Last Update
0679	01-Jan-2017



North Arrow

Facility Services

Toronto District School Board

Technical Services Division
Design & Construction Unit
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

Facility

Parkdale Jr & Sr Public School

Address

78 Seaforth Avenue
M6K 3L2
TORONTO

Sheet Title

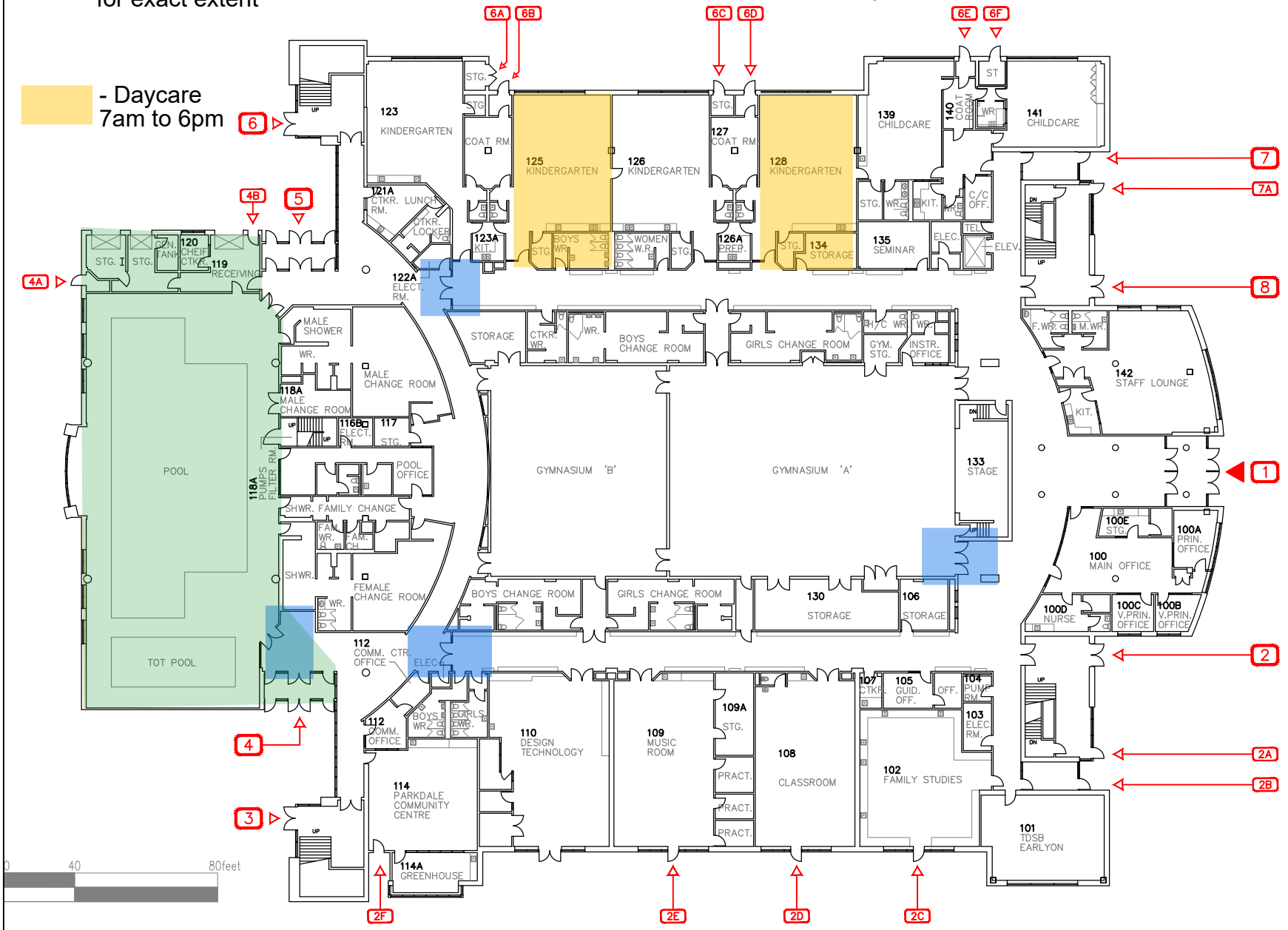
Basement

Facility #	Last Update
0679	01-Jan-2017

- General area of work. Contractor shall refer to contract documents for exact extent

- Pool Permit - June 30th 2026- August 28th 2026.
Dates: Tuesday-Fridays(Closed on Mondays + Weekends)
Times: 9:15am-6:15pm

- Daycare
7am to 6pm



LEGEND:

EX. DOOR LABEL XXXX
MAIN ENTRANCE
EXTERIOR DOOR

North Arrow

Facility Services
Toronto District School Board
Technical Services Division
Design & Construction Unit
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

Facility
Parkdale Jr & Sr Public School
Address
78 Seaforth Avenue
M6K 3L2
TORONTO

Sheet Title
1st Floor

Facility #
0679

Last Update
2025Jul30

- General area of work. Contractor shall refer to contract documents for exact extent

- Daycare - 7am to 6pm

- Summer Camp - 9am to 5pm

North Arrow

Facility Services

Toronto District School Board

Technical Services Division
Design & Construction Unit
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

Facility

Parkdale Jr & Sr Public School

Address

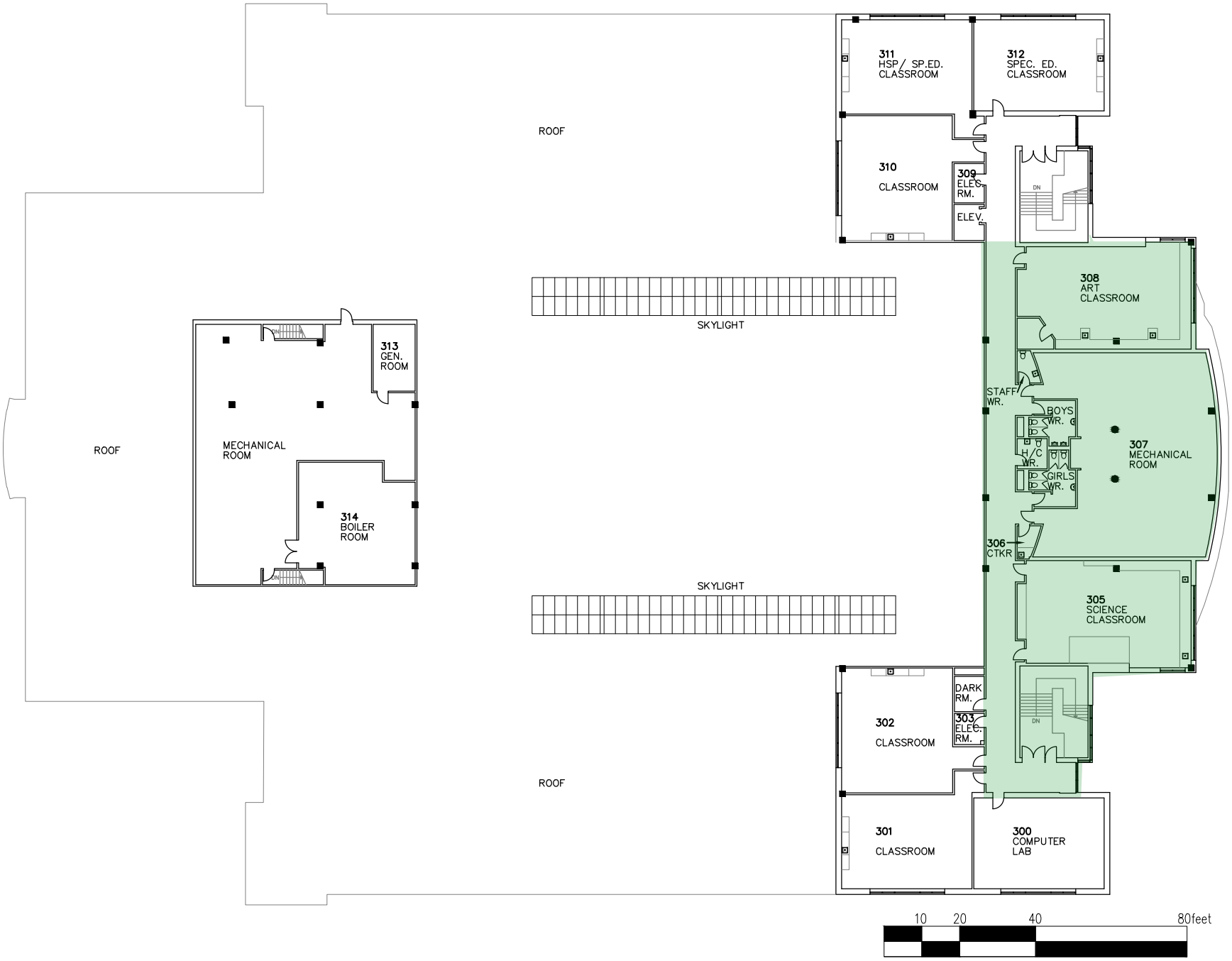
78 Seaforth Avenue
M6K 3L2
TORONTO

Sheet Title

2nd Floor

Facility #	Last Update
0679	01-Jan-2017

- Other Project Area



North Arrow

Facility Services

Toronto District School Board

Technical Services Division
Design & Construction Unit
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

Facility

Parkdale Jr & Sr Public School

Address

78 Seaforth Avenue
M6K 3L2
TORONTO

Sheet Title

3rd Floor

Facility #	Last Update
0679	01-Jan-2017

Addendum

MCW Consultants Ltd.

Queen's Quay Terminal
207 Queen's Quay West, Suite 615
Toronto, Ontario M5J 1A7
Phone 416-598-2920 Fax 416-598-5394
www.mcw.com

Date: May 22, 2026

Project Name: TDSB - Accessibility Upgrades at Parkdale Jr & Sr PS
Client: BBA
To: BBA
Attention: Crystal Gardner
From: Dung Ta
Can Le
Distribution:

Project #: 25301-26
ADD #: 001
Page #: 1 of 1
+ Attachment

In accordance with the drawings and specifications, provide in the tender all costs required to complete the work including items as listed below.

Title: Addendum
Reason for Change: Revisions to suit TDSB comments and add seismic restraint to the specifications.

Specifications:

Drawing #	Revisions
Electrical specification section #5	• Add Seismic Restraints to electrical specification.

Electrical Drawings:

Drawing #	Revisions
E0-01	• Add electrical general note #8 for Seismic Restraints. • Add note #1 to the override wiring diagram for emergency switching system as indicated in detail 3/E0-01. • Revise area of work.
E2-01	• Revise electrical keynote #2 as indicated. • Add electrical keynotes # 7, 8. 9, 10 & 11 as indicated. • Add door hardware table. • Add door operator to door 201, refer to detail 2/E2-01. • Delete the hold-open door holder scope of work for Doors 102, 103, 201, and 204.

End of ADD # 001

MCW Consultants Ltd.

A member of the MCW Group of Companies
www.mcw.com

207 Queen's Quay West, Suite 615
Toronto, Ontario
M5J 1A7

ELECTRICAL SPECIFICATIONS

FOR

ACCESSIBILITY UPGRADE

PARKDALE JR. & SR. PS

78 Seaforth Avenue

Toronto, ON, M6K 3L2

TO

TORONTO DISTRICT SCHOOL BOARD

TR-25-0959

DATED

MAY 22, 2026

ISSUED FOR ADD-001

Contact Person: Ryan Lien
Phone: (416) 598-2920 ext:293
Email: rlien@mcw.com

ELECTRICAL SPECIFICATIONS

1. **General Provisions:**

1.1 Codes, Regulations, Permits

1.1.1 Work shall conform to the latest edition of the Canadian Electrical Safety Code.

1.1.2 All equipment and material shall be CSA and ULC approved and so labelled.

1.1.3 Obtain permit, pay all fees and present final unconditional approval certificate from Hydro Inspection and authority having jurisdiction.

1.1.4 Refer to and comply with the general conditions as indicated in the Architects specification.

1.1.5 Existing and new services penetrating floor slab or fire rated walls to be sealed with ULC listed and labelled 3.0 hr “F” rated fire retardant sealant.

1.2 Examination of Site:

1.2.1 Before tendering, examine site and all applicable drawings so that the tender price includes for everything necessary for completion of work. Failure to visit the site or adequately review all the required interfacing details will not entitle this sub contractor to any additional compensation.

1.3 Work in Existing Building:

1.3.1 Refer to architectural and structural drawings for details of building renovation.

1.3.2 Base building redundant equipment and materials: To be turned over to the Landlord.

1.3.3 Existing base building mullions, ceiling grid and curtain wall: Do not make any penetrations under any conditions.

1.3.4 Execute all work using materials and methods to provide system operation, quality and appearance equal to or better than the existing base building.

1.3.5 X-Ray all locations where openings are required in the floor slab to ensure that post tension cables are not damaged. Coordinate with the project supervisor prior to proceeding.

1.3.6 Co-ordination of the installation, phasing, working conditions, and time schedules is to be carefully co-ordinated to allow the present business to continue during the renovation period.

1.3.7 Where existing services presently mounted on and/or concealed behind existing finishes become exposed during the renovation work, and where these services will not be concealed behind or mounted on new finishes, include for relocating the service so as to be concealed behind new or existing finishes. Co-ordinate new locations with the Architect.

1.3.8 Maintain all parts of the existing building in operation during normal working hours.

1.3.9 Where disruptions of existing services are required co-ordinate the shut-downs with the Owner and carry out the work at a time and in a manner acceptable to them. Carefully schedule all disruptions and/or shut-downs and ensure that the duration of same is kept to the absolute minimum. Submit for approval a written concise schedule of each disruption at least 72 hours in advance of performing work and obtain Owner's written consent prior to implementing.

1.3.10 Where disruptions of life safety systems are required comply with paragraph 1.3.9 above and also provide continuous monitoring during shut-down period and ensure all systems are reactivated prior to leaving the site at the end of each working day.

1.3.11 Assume full responsibility for any disruption or damage to existing services or systems. Should any temporary connections be required to maintain services during work in the existing building, supply and install all necessary material and equipment and provide all labour at no extra cost. Should any existing system or device be damaged in the course of work by this Division, make full repairs without extra cost and to the satisfaction of the Owner.

1.4 Owner's Right to Relocate Electrical Items:

1.4.1 The Owner reserves the right to relocate electrical items at a later date, but prior to installation, without cost, assuming that the relocation of each item does not exceed 10 feet from it's original location.

1.5 Shop Drawings

1.5.1 Provide seven copies of manufacturer's shop drawings for approval. Shop drawings shall include, all distribution equipment, light fixtures, emergency battery units, electrical heating units and other special equipment.

1.6 Cutting and Patching:

1.6.1 Be responsible for all cutting and patching necessary for completion of your work.

1.7 Identification

1.7.1 Identify electrical work as specified herein:

1) For each piece of electrical distribution equipment from the electrical source of supply up to and including panelboards and motor systems, for special control panels and cabinets, and for any other piece of equipment where specified in this Section, provide engraved lamacoid identification nameplates.

2) Nameplates shall generally be black-white-black with bevelled edges, secured to apparatus with stainless steel screws. Generally lettering shall be 6mm high but equipment in the main electrical room shall be provided with lettering 13mm high.

3) Warning signs, if and when required, shall be red with white lettering.

4) Equip large multiple cell or component apparatus such as switchboards and distribution panels with main nameplates identifying the equipment, voltage characteristics and capacity, and with sub-nameplates clearly identifying each cell or component and its service.

5) Panelboard nameplates shall identify the panelboard numbers designated on the drawings, unless otherwise instructed. Nameplates for disconnect switches, control panels and cabinets shall outline their service.
6) Motor starters, magnetic and manual, shall identify the piece of motorized equipment being serviced.

7) Exact nameplate wording and sizes must be approved by and confirmed by the Consultant prior to manufacture.

8) Directories for branch circuit panelboards shall be clearly and neatly typewritten, accurately identifying the type, location and wattage of the connected load for each circuit breaker. Directories shall be secured to the rear of the cabinet door under protective plastic. Incorporate copies of all panel board directories in each copy of operating and instruction manuals.

9) Clearly identify each branch circuit breaker in a permanent manner to correspond with directories. Glued paper identification will not be acceptable.

10) Clearly identify main pull or junction boxes (excluding obvious outlet boxes) by painting the outside of the covers. Paint colours shall be in accordance with the following schedule:

Lighting	-	Yellow
Power	-	Blue
Emergency Power	-	Orange
Fire Alarm	-	Red
Telephone	-	Cream
Miscellaneous Signals	-	Brown

11) In addition to painting miscellaneous signal boxes clearly identify the specific system in which the box is installed.

12) Colour code empty conduit capped and terminated for future use as specified above and clearly identify its intended use by means of securely attached tags.

13) Colour code conductors throughout, to identify phases, neutrals and grounds, by means of coloured conductor insulation. Colours shall be as follows:

Phase A	-	Red
Phase B	-	Black
Phase C	-	Blue
Ground	-	Green
Neutral	-	White

14) Control conductors, in addition, shall be numbered with Brady Ltd., or Electrovert Ltd., Z-type markers. Colour code conductors, for special component per manufacturer's recommendations.

15) Use dymo tape to label each receptacle with its circuit number (e.g., UA-27).

1.8 Documentation and systems acceptance

1.8.1 Provide three (3) CDs of electronic copies and one (1) copy three-ring binder of hard copy of closeout documentation and as-built PDF copy and autocad files.

1.8.2 Each manual shall contain the following data:

- A set of as-built mark-up print for Consultant to prepare autocad as-built files
- Letters of Owner's Instructions
- Final ESA certificate.
- A copy of each "reviewed" shop drawing.
- Complete explanation of operation principles and sequences.
- Complete part lists with numbers.
- Recommended maintenance practices and precautions.
- Complete wiring and connections diagrams.
- Certificate of warranty.
- Emergency Lighting Verification Report.
- Representative certificates for Fire Alarm System verification.

1.8.3 Ensure that operating and maintenance instructions are specific and apply to the models and types of equipment provided.

1.9 Testing and commissioning

1.9.1 Perform, in conjunction with the consultant, testing and verification of all following systems as discussed hereinafter. This testing and verification shall be provided after, and in addition to, the standard manufacturers' testing and verification procedures.

- Major distribution equipment and components;
- Wiring;
- Emergency lighting;
- Fire alarm system;
    - **Ensure door holders are properly integrated with the smoke detectors and fire alarm system**
- Lighting control system.
- Dimming system.

1.9.2 Test and verify that all equipment is installed within and operating within manufactures' guidelines and in accordance with the contract document requirements, to ensure the systems can be safely energized and operated.

1.9.3 Obtain and have available the necessary reference document for review during the testing period.

1.9.4 Execute Work of this section only by personnel that have taken part in the construction program of this project and manufacturer appointed qualified technical staff capable of setting-up, adjusting, balancing and calibrating all equipment, components and systems.

1.10 Instruction to owners

1.10.1 Instruct the Owner's representatives in all aspects of the operation of systems and equipment.

1.10.2 Arrange for and pay for services of service engineers and other manufacturers' representatives required for instruction on specialized portions of the installation.

1.10.3 Submit to the Consultant at the time of final inspection a complete list of systems stating for each system:

A. Date instructions were given to the Owner's staff.
B. Duration of instruction.
C. Name of persons instructed.
D. Other parties present (manufacturer's representative, consultants, etc.).

1.10.4 Signatures of the Owner's staff stating that they properly understood the system installation, operation and maintenance requirements.

1.11 Extra work

1.11.1 In case where extra work of any kind is required, obtain written instruction from the architect / design consultant before proceeding. Payments will be made for authorized changes only.

1.11.2 Quotation with breakdown of material, labour, overhead, profit, etc., shall be submitted for each change. Labour units shall be based on the latest National Electrical Contractors Association (NECA) labour column one for the complete duration of the project. Material prices shall be based on the current National Price System with trade discounts. Hourly labour rate shall include all rated changes for supervision, Hydro inspection, hand tools, parking, clean-up, as-built drawings and additional bonding.

2 Basic Material and Methods:

2.1 Wiring Methods:

2.1.1 All building wires and cables shall be copper thermoplastic type RW90 degrees C rated and installed in conduit. Minimum size shall be #12 AWG. For final connections to lighting fixtures use type GTF wire. For final connections to heating equipment use silicone insulated type wire, suited for this purpose. All conduit shall be EMT type galvanized steel utilizing compression type, factory-installed insulated throats and gland watertight and compression type couplings (cast fittings/ set-screws not acceptable) to be forged steel. All conduit shall be concealed except in unfinished areas. Paint exposed conduit to match existing wall/ ceiling finish.

2.1.2 Branch circuit wiring exceeding 100 feet to the furthest outlet from a panelboard shall be #10 AWG.

2.1.3 Armoured cable (BX) may be used for fixture tails and wall mounted outlets maximum length 5 feet.

2.1.4 Provide VFD rated cabling for all VFD equipment.

2.1.5 All conduit shall be run parallel to walls and ceilings. Provide a nylon fish wire in all empty conduit. All connectors shall be Ideal wing nut type. Refer to clause 2.1.4, Include for 'Where EMT conduit is required, provide compression type EMT couplings (cast fitting and set-screw not acceptable) and glan watertight EMT connector with factory insulated throats and to be forged steel. Paint exposed conduit to match existing finish'

2.1.6 In areas with drywall ceilings, contractor shall locate/relocate all new/existing junction boxes, pull boxes, disconnects, etc. to accessible areas; as required by the Canadian Electrical Code. Where it is no possible to relocate/install existing/new services in accessible areas, Contractor shall provide access panels c/w fire ratings as required. Exact location of access panels shall be co-ordinated with the Architect.

2.1.7 Where conduit penetrate through the fire rated wall, seal up air gap with ULc fire rated material.

2.1.8 Support all conduit independent of ceiling system.

2.2 Outlet Boxes and Junction Boxes:

2.2.1 Provide an outlet box for each lighting fixture, wiring device, data outlet, telephone outlet, etc. Boxes shall be suitable for the application.

2.2.2 Support boxes independent of conduit.

2.2.3 All boxes shall be installed so as to be accessible after work is complete. Provide pull boxes on all conduit runs on the basis of not more than two right angle bends or their equivalent or a distance not to exceed 100 feet between boxes.

2.3. Devices:

2.3.1. Devices shall be stainless steel, unless otherwise specified.

2.3.2. Decorator duplex receptacles (15A, 250V max.) shall be Pass & Seymour Tamper-Resistant Cat. #885TRW, mounted 18" AFF or 8" above counter tops.

2.3.3. Decorator switches (15A, 120/277V max.) shall be Pass & Seymour #2601 (Single Pole), #2603 (Three Way), mounted 4'-0" AFF.

2.3.4. Coverplates shall be Pass & Seymour SS series smooth stainless steel, for flush mounted service boxes.

2.3.5. Receptacles located within 3 metre of washbasins or similar facilities shall be Pass & Seymour #1595. (Receptacles c/w GFI protection.)

2.3.6. Receptacles located in kitchens and installed within 1.5 metre of kitchen sink along the wall behind counter work surfaces shall be protected by ground fault interrupter.

2.3.7. Receptacles located in bathrooms, washrooms or similar location within 3 metres of washbasin, bathtub or shower stalls shall be protected by ground fault interrupter.

2.3.8. Flush mounted floor boxes shall be HUBBELL. Refer electrical legend drawing E-01.

2.3.9. Isolated ground receptacles shall be Pass & Seymour Cat. #IG26262-HG.

2.3.10. Decorator exhaust fan switches (20A max.) shall be Pass & Seymour Cat. #2629, illuminated when on.

2.3.11. Decorator variable speed exhaust fan switches shall be Pass & Seymour Lumaspec non-preset series, wattage as required.

2.3.12. Wall mounted lighting dimmers shall be white, Lutron NT series, wattage as required.

2.3.13. Variable speed exhaust fan switches shall be Lutron NTF Series, wattage as required.

3. **Distribution:**

3.1. Extend and modify the existing base building distribution system as indicated on the drawings.

3.2. Provide new switches and breakers in existing distribution equipment as detailed. New equipment shall, in all respects, be compatible with existing equipment.

3.3. Balance the loading on feeders so that unbalanced load is less than 10%.

3.4. Provide updated all affected panel typewritten directories, hand written are not acceptable.

3.5. New Equipment:

3.5.1. Safety switches shall be Eaton Canada Ltd. HNF series, quick make, quick break type. Where outdoor switches shall be CEMA-3 or equal.

3.5.2. Panelboard shall be Eaton Canada type PRL1A, ratings as indicated on the drawings. Provide a clearly typed directory with each panelboard. Breakers shall be thermal magnetic, bolt on type, copper tinted bus, full neutral and 10,000 Amp symmetrical interrupting capacity or equal.

3.5.3. Manual starters shall be Allan Bradley Bulletin 600, with pilot light and on/off toggle switch.

3.5.4. Fuses shall be Gould Shawmut HRC 1, Class J series CJ for constant running equipment and series AJT for equipment that cycles on and off.

3.5.5. The enclosure for all distribution equipment shall be sprinklered proof with an extended top cover located on the front of the unit.

3.5.6. Accept manufacturers: Eaton, Schneider Electric and Siemens Canada.

3.5.7. General purpose transformer – dry type

- Transformer shall be sized as shown on plans, 3 phase, 3 coils with a common core construction, 60 Hz.
- Primary winding shall be 600 volts, 3 phase, delta connected, complete with two full capacity 4.5% adjustment taps, 1 below (FCBN) and 1 above (FCAN) the rated voltage for 10 kVA and less, and four full capacity 2.5% adjustment taps, 2 below (FCBN) and 2 above (FCAN) the rated voltage for more than 10 kVA.
- Secondary winding shall be 208Y/120 volts, 3 phase, wye connected, with a 30° angular displacement (lagging) with respect to the primary winding.
- All winding conductors shall be of copper.
- Temperature rise at full load shall not exceed 80°C with a class 220 insulation system.
- Windings shall be wound with the secondary winding nearest to the core and shall be round coils.
- The core shall be constructed of high grade, grain oriented silicon steel laminations.
- The impregnation process for the core-and-coil assembly shall include a period under vacuum, followed by pressure impregnation using epoxy resin (EVI process).
- The transformer shall be isolated from the enclosure to reduce noise and vibration by means of anti-vibration pads.
- The transformer enclosure shall be fabricated from sheet steel and shall be of Type 4 (totally enclosed), Sprinkler-proof.

- The enclosure coating shall be grey ASA 61, color option available and suitable for indoor/outdoor use.

3.5.8. General purpose Step-Up Transformer – dry type

- Step-up Transformer shall be sized as shown on plans, 3 phase, 3 coils with a common core construction, 60 Hz.
- Step-up transformer should be a purpose built step-up transformer rather than a reverse fed step-down transformer.
- Primary winding shall be 208V volts, 3 phase, DELTA connected, complete with two full capacity 4.5% adjustment taps, 1 below (FCBN) and 1 above (FCAN) the rated voltage for 10 kVA and less, and four full capacity 2.5% adjustment taps, 2 below (FCBN) and 2 above (FCAN) the rated voltage for more than 10 kVA.
- Secondary winding shall be 480/277 volts, 3 phase, wye connected, with a 30° angular displacement (lagging) with respect to the primary winding.
- All winding conductors shall be of copper.
- Temperature rise at full load shall not exceed 80°C with a class 220 insulation system.
- Windings shall be wound with the secondary winding nearest to the core and shall be round coils.
- The core shall be constructed of high grade, grain oriented silicon steel laminations.
- The impregnation process for the core-and-coil assembly shall include a period under vacuum, followed by pressure impregnation using epoxy resin (EVI process).
- The transformer shall be isolated from the enclosure to reduce noise and vibration by means of anti-vibration pads.
- The transformer enclosure shall be fabricated from sheet steel and shall be of Type 4 (totally enclosed), Sprinkler-proof.
- The enclosure coating shall be grey ASA 61, color option available and suitable for indoor/outdoor use.

3.5.9. Provide arc flash study for all new panels. The arc flash study will be performed by an equipment manufacturer or Enkompass Power and Energy Corp.

3.5.10. Grounding and Bonding:

Provide a complete grounding and bonding system throughout the entire electrical system in accordance with the requirements of the O.E.S.C. and to the satisfaction of the local inspector.

4. Fire Alarm System:

4.1. The building presently has an existing Simplex 4100 ES fire alarm system.

4.2. Provide new fire alarm devices as noted. Devices shall match existing system and connect to control and annunciator panels.

4.3. Obtain the services of the system manufacturer to perform any and all modifications required to base building control and annunciator equipment.

4.4. All wiring for the system shall be installed in conduit and shall comply with requirements of the system manufacturer.

4.5. Upon completion of the modifications to the fire alarm system the system manufacturer shall provide and inspection and verification report on all devices and wiring.

4.6. Upon completion of the modifications to the fire alarm system the system manufacturer shall provide an updated fire alarm schedule to reflect the changes made during the course of this project.

5. Seismic Restraints

5.1. GENERAL

5.1.1. SUMMARY

5.1.1.1. Provide approved seismic restraints for all equipment, conduits, panels, cable trays and light fixture covered by Division 26.

5.1.1.2. Design seismic restraint systems to conform to the Ontario Building Code for the project location.

5.1.1.3. Submit test certificates for each seismic restraint device, identifying maximum tested load capacities.

5.1.1.4. Submit calculations for each piece of restrained equipment, and conduit, including seismic forces, restraint selection, and selection data.

5.1.1.5. Provide adequate attachment to structure in accordance with drawings and specifications.

5.1.1.6. Ensure housekeeping pads for all electrical equipment are reinforced to withstand seismic loading and that housekeeping pad is rigidly fastened to support structure.

5.1.2. REFERENCES

5.1.2.1. Ontario Building Code

5.1.3. SUBMITTALS

5.1.3.1. Submit manufacturer's instructions, printed product literature and data sheets and include product characteristics, performance criteria, physical size, finish and limitations.

5.1.3.2. Submit operation and maintenance data for incorporation into manual.

5.2. PRODUCTS

5.2.1. MANUFACTURERS

5.2.1.1. Acceptable Products: Product shall be provided by a single manufacturer. Products and manufacturers specified are to establish a standard of quality for design, function, materials, and appearance. Products shall be modified as necessary by the manufacturer for compliance with requirements. Provide the following specified product and manufacturer without exception, unless approved as a substitute by addendum to the Contract Documents prior to the bid date:

5.2.1.1.1. Kinetics Noise Control Inc.
5.2.1.1.2. BVA
5.2.1.1.3. Vibration Mountings & Controls, Inc.
5.2.1.1.4. Tecoustics
5.2.1.1.5. Hilti

5.3. EXECUTION

5.3.1. INSTALLATION

5.3.1.1. Provide all directional seismic snubber for floor mounted dry type transformers.

5.3.1.2. Provide slack seismic restraint cables for platform mounted assemblies.

5.3.1.3. All equipment shall meet the requirements of the OBC and all equipment shall have seismically acceptable attachment points.

5.3.1.4. Seismic restraints may be omitted from the following installations:

5.3.1.4.1. Conduits in electrical and mechanical rooms less than 1 1/4" (32mm) inside diameter.
5.3.1.4.2. All other conduits less than 2 1/2" (65mm) inside diameter.
5.3.1.4.3. All conduits suspended by individual hangers where top of conduit are suspended 12" (300mm) or less from the supporting structure member.

5.3.1.5. Unless indicated otherwise, seismic restraints shall be capable to withstand a horizontal force equal to 2g in any direction.

5.3.1.6. All conduit supported on either side of a building expansion joint shall have provision for building motion, i.e. flexible conduit.

5.3.1.7. Ensure equipment is sufficiently rigid for seismic restraint point loading.

5.3.1.8. Light fixtures shall not be supported solely by suspended ceilings. Provide independent supporting system to carry weight of fixtures (minimum 2 corners).

5.3.1.9. Provide transverse and longitudinal bracing to conduits as required by this specification.

5.3.1.10. Maximum spacing for transverse bracing shall be 20 ft. (6 m) and longitudinal restraints at 40 ft. (12 m).

5.3.1.11. Vary adjacent spacing of restraints runs by 10% to 30% to avoid coincident resonance.

5.3.1.12. At vertical risers, wherever possible, support the weight of the riser at a point or points above the centre of gravity of the riser. Provide lateral guides at the top and bottom of the riser and at intermediate points not to exceed the transverse spacing discussed on item .7.

5.3.1.13. Restraints shall be installed at least 2" (50mm) clear of all other equipment, services and any other anchors or supports.

5.3.1.14. Provide transverse and axial restraints within 12 ft. (3.6 m) of all vertical bend.

5.3.1.15. At steel trusses, connect to top chords and follow truss manufacturer's instructions.

5.3.1.16. Select the anchors in the concrete slab for a minimum load equal to twice the weight of the equipment.

5.3.1.17. Equipment manufacturer shall be responsible for ensuring that all integral components are capable of withstanding a lateral force of 2g.

5.3.1.18. Restraining devices shall be placed on all sides of equipment with the exception of light fixtures.

5.3.1.19. Provide additional steel brackets, inserts, bolts, cable, etc. to provide seismic restraints.

5.3.1.20. The installation of seismic restraints shall not compromise vibration isolation capabilities.

5.3.1.21. Install seismic snubbers at the corner of the transformer core and coil assembly, to prevent the assembly from sliding on the vibration isolation pads.

5.3.1.22. For non-vibrating equipment, secure the equipment to the structure by:

5.3.1.22.1. Bolting directly to the structure.
5.3.1.22.2. Use rigid seismic restraints.
5.3.1.22.3. Use taught cable restraints - not slack.
5.3.1.22.4. Rigid restraints are preferable to cable restraints as cables have no compression load capabilities.

5.3.1.23. Install bolts and tighten in accordance with manufacturer's torque recommendations.

5.3.1.24. Prior to the installation of any seismic restraints, review with the Structural Consultant the methods of attachment to the building structure and equipment loads.

5.3.2. SLACK CABLE REQUIREMENTS

5.3.2.1. Provide slack cable restraints systems, or other approved systems.

5.3.2.2. Other approved systems are: rigid restraint where the conduits pass through a block or concrete wall, or cable strap and spacer piece attached to the structure, used where the conduit is adjacent to a wall and conventional slack cable restraints cannot be used.

5.3.2.3. Connect slack cable restraints to ceiling hung equipment in such a way that the axial projection of the wires passes through the centre of gravity of the equipment.

5.3.2.4. Orient restraint wires on ceiling hung equipment at approximately 90ø to each other (in plan), and tie back to the ceiling slab at an angle not exceeding 45ø to the slab.

5.3.2.5. Install cables using appropriate grommets, shackles, and other hardware to ensure alignment of the restraints and to avoid bending the cable at connection points.

5.3.2.6. Adjust restraint cables such that they are not visibly slack, or that the flexibility is approximately 1 1/2" (40mm) under thumb pressure for 5 ft. (1.5m) cable length (equivalent ration for other cable lengths). Adjust the clearance at cable strap/spacer piece restraint to not exceed 1/4" (6mm).

ELECTRICAL SYMBOL LEGEND

NOTE:

SYMBOLS SHOWN ON THIS LEGEND ARE NOT NECESSARILY USED ON THIS PROJECT.

LIGHTING

- RECESSED 2'X4'LIGHTING FIXTURES
- DOUBLE SURFACE MOUNTED EMERGENCY LIGHTING - REMOTE HEADS
- CEILING MOUNTED EMERGENCY LIGHTING REMOTE HEAD
- BB# EMERGENCY LIGHTING BATTERY UNIT C/W DUPLEX RECEPTACLE AND DOUBLE REMOTE HEADS. EXIT LIGHTING: SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN. DIRECTIONAL ARROWS AS INDICATED.
- WALL MOUNTED DOUBLE FACED EXIT LIGHT
- WALL MOUNTED SINGLE FACED EXIT LIGHT
- CEILING MOUNTED DOUBLE FACED EXIT LIGHT
- CEILING MOUNTED SINGLE FACED EXIT LIGHT

COMMUNICATIONS

- TV TELEVISION OUTLET - WALL MOUNTED
- TV TELEVISION OUTLET - FLUSH CEILING MOUNTED
- DATA OUTLET - WALL MOUNTED OR MOUNTED ABOVE COUNTER
- DATA OUTLET - FLUSH CEILING MOUNTED
- DATA OUTLET - FLUSH FLOOR MOUNTED
- PA PUBLIC ADDRESS SPEAKER REFER TO SCHOOLBOARD STANDARD SPECIFICATION
- DOUBLE GANGED AV OUTLET C/W PLASTER RING

FIRE ALARM SYSTEM

- PULL STATION
- FLUSH / SURFACE MOUNTED HORN
- STROBE - CEILING / WALL MOUNTED
- SMOKE DETECTOR - WALL OR CEILING MOUNTED
- AUTOMATIC COMBINATION FIXED TEMPERATURE/RATE OF RISE HEAT DETECTOR - CEILING / WALL MOUNTED
- DH DOOR HOLDER

SECURITY SYSTEM

- AC ACCESS CONTROL CARD READER
- AC ACCESS CONTROL DOOR CONTACT
- ES ACCESS CONTROL ELECTRIC STRIKE
- CC VIDEO SURVEILLANCE CAMERA
- IN INTERCOM

EQUIPMENT CONNECTIONS & CONTROLS

- DIRECT CONNECTION - 120 OR 208V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED
- DIRECT CONNECTION - 347 OR 600V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED
- MOTOR CONNECTION AS SPECIFIED
- MOTOR CONNECTION C/W UNFUSED DISCONNECT SWITCH
- MOTOR CONNECTION C/W FUSED DISCONNECT SWITCH
- MOTOR CONNECTION C/W LOOSE STARTER
- UNFUSED DISCONNECT SWITCH
- DOOR OPERATOR
- DIRECT CONNECTION - 120 OR 208V AS SPECIFIED
- DIRECT CONNECTION - 374 OR 600V AS SPECIFIED
- RECESS MOUNTED ELECTRICAL PANEL
- SURFACE MOUNTED ELECTRICAL PANEL

GENERAL POWER

- 15A, U-GROUND DUPLEX RECEPTACLE
- (5-20RA) T-SLOT U-GROUND DUPLEX RECEPTACLE
- 15A, U-GROUND SPLIT WIRED DUPLEX RECEPTACLE - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER
- 15A, U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER
- (5-20RA) T-SLOT U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER
- 15A, U-GROUND DUPLEX RECEPTACLE - FLUSH FLOOR MOUNTED UNLESS NOTED OTHERWISE
- (5-20RA) T-SLOT U-GROUND DUPLEX RECEPTACLE - FLUSH FLOOR MOUNTED UNLESS NOTED OTHERWISE

LIGHTING CONTROL

- $ $ $$ $$$ ONE, TWO, THREE AND FOUR GANG SINGLE POLE TOGGLE SWITCHES
- OCCUPANCY SENSOR SWITCH
- F $ FAN CONTROL SWITCH
- FV $ VARIABLE SPEED FAN CONTROL SWITCH
- T $ MANUAL TIMER SWITCH
- D DIMMER SWITCH
- TC PROGRAMMABLE TIME CLOCK
- OS CEILING MOUNTED OCCUPANCY SENSOR

MISCELLANEOUS

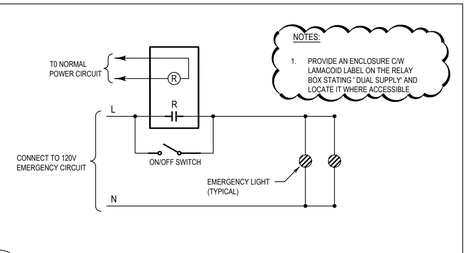
- E INDICATES EXISTING DEVICE TO REMAIN
- RL INDICATES EXISTING DEVICE IN RELOCATED POSITION
- BK INDICATES BLACK COVER PLATE
- (1) ELECTRICAL DRAWING KEY NOTES
- R/R REMOVE & RE-INSTALL

DRAWING LIST:

DRAWING:	DESCRIPTION:	SCALE:
E0-01	ELECTRICAL LEGEND, GENERAL NOTES, KEY PLAN AND DRAWING LIST	N.T.S.
E1-01	ELECTRICAL DEMOLITION PLANS	1:50
E2-01	ELECTRICAL PLANS	1:50

GENERAL NOTES:

NOTE:	DESCRIPTION:
1.	THE ELECTRICAL DRAWINGS ARE GENERALLY DIAGRAMMATIC. THE ELECTRICAL INSTALLATION SHALL BE COORDINATED WITH OTHER TRADES SO THAT INTERFERENCES BETWEEN THE ELECTRICAL INSTALLATION AND ARCHITECTURAL, STRUCTURE, MECHANICAL, PLUMBING, FIRE PROTECTION AND EQUIPMENT INSTALLATION WILL BE AVOIDED.
2.	REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ROOM AND AREA FINISHES, CEILING PLANS, DOOR SWINGS, FIRE RELATED PARTITIONS, CABINET AND CASE WORK AND BUILT-IN DETAILS.
3.	ALL THE FINAL CONNECTIONS SHOWN ON THE DRAWINGS ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THEIR APPROXIMATE LOCATION. CO-ORDINATE WITH MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
4.	ELECTRICAL SYSTEM EQUIPMENTS AND COMPONENTS SHALL BE CERTIFIED BY A RECOGNIZED TESTING AGENCY PER THE SCC.
5.	ALL WIRING TO BE SIZE #12 AWG UNLESS NOTED OTHERWISE.
6.	CIRCUIT NUMBERS SHOWN ARE GROUPING ONLY. REFER ON JOB-SITE FOR EXACT CIRCUIT USED.
7.	PROVIDE UPDATED TYPED PANEL DIRECTORY TO REPLACE EXISTING DIRECTORY.
8.	THIS BUILDING IS RATED AS SEISMIC CATEGORY SC3. AS SUCH SEISMIC RESTRAINT IS REQUIRED FOR ELECTRICAL SYSTEMS. REFER TO THE SEISMIC RESTRAINTS SECTION OF THE ELECTRICAL SPECIFICATIONS.



3 / E0-01 OVERRIDE WIRING DIAGRAM FOR EMERGENCY SWITCHING

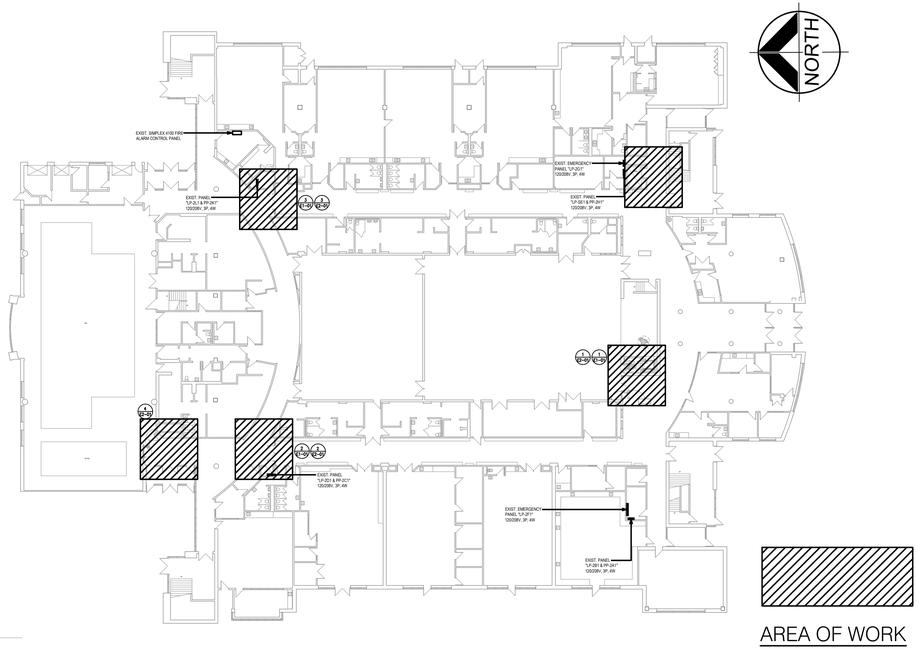
SCALE: N.T.S.

LIGHTING FIXTURE SCHEDULE

SYMBOLS	BASE MANUFACTURER (AS SPECIFIED)	MODEL NO.	CEILING TYPE: SURFACE	CEILING TYPE: RECESSED	CEILING TYPE: SUSPENDED	WALL TYPE: SURFACE	WALL TYPE: RECESSED	WALL TYPE: BRACKET	No. OF LAMPS	WATTAGE	BALLAST VOLTAGE: 120 V.	BALLAST VOLTAGE: 347 V.	BALLAST VOLTAGE: 24 VDC.	REMARKS
L1	COLUMBIA LIGHTING	MULTIPURPOSE LINEAR LED CAT# MPS4-40MW-CW-ED-U C/W WIRE GUARD	●		●	●				44.7W LED	●			CONTACT: RICK ARDENTE CELL: 905.706.9789 rardente@omnilumen.com
L2	PEERLUX LIGHTING	WET LOCATION LEDLUMINAIRE CAT# AP2W-2-22-40-P3-LA-S-W-MV	●			●				21W LED	●			

2 / E0-01 SECOND FLOOR PLAN

1:350



1 / E0-01 FIRST FLOOR PLAN

1:350

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tdsb Toronto District School Board

NO.	ISSUES/ REVISIONS	DATE	BY
01	ISSUED FOR 60% REVIEW	2026 02 17	DT
02	ISSUED FOR PERMIT / TENDER	2026 04 01	DT
03	ISSUED FOR TENDER	2026 04 29	DT

NO.	REVISIONS	DATE	BY
01	ADDENDUM 001	2026 05 22	DT

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BARRY BRYAN ASSOCIATES

PROJECT:

ACCESSIBILITY UPGRADES
PARKDALE JR. & SR. P.S.
TDSB# TR-25-0959
78 SEAFORTH AVENUE
TORONTO, ON M6K 3L2
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ELECTRICAL LEGEND, GENERAL NOTES, KEY PLAN AND DRAWING LIST

DESIGN BY:	DT
DRAWN BY:	DT
CHECKED BY:	RL
DATE:	FEB. 2026
SCALE:	N.T.S.
SEAL:	

PROJECT NO: 25301-26

DRAWING NO: E0-01

ELECTRICAL KEY NOTES

KEYNOTE	DESCRIPTION
1	CONNECT NEW LIGHT FIXTURE TO THE EXISTING LIGHTING EMERGENCY CIRCUIT C/W NEW WIRE AND CONDUIT TO THE NEAREST JUNCTION BOX SERVING THE LIGHTING CIRCUIT.
2	ELECTRICAL CONTRACTOR TO PROVIDE 3/4" CONDUIT FROM ELEVATOR MACHINE ROOM TO MAIN TELEPHONE ROOM C/W 1 X CAT6 WITH BLUE JACKET FOR A DEDICATED TELEPHONE LINE TERMINATING AT THE PRIMARY LIFT SIGNAL CONTROL CABINET FOR EMERGENCY CALL SYSTEM. COORDINATE THE EXACT LOCATION OF THE TELEPHONE OUTLET AT THE LIFT WITH THE LIFT CONTRACTOR PRIOR TO ROUGH-IN. ANOTHER END OF THIS TELEPHONE CABLE WILL BE TERMINATED AT THE OUTGOING TELEPHONE BLOCK. CABLE TERMINATION AT THE TELEPHONE BLOCK WILL BE DONE BY TDSB IN-HOUSE.
3	CONNECT NEW SMOKE DETECTORS FIRE ALARM INITIATING ZONE AND RELEASE DOOR HOLDER UPON ACTIVATION OF THESE SMOKE DETECTORS AND FIRE ALARM SYSTEM C/W FIRE ALARM CONTROL MODULE
4	NEW DOOR HOLD OPEN DEVICES INTER LOCK WITH SMOKE DETECTOR AS SHOWN. UPON ACTIVATION OF SMOKE DETECTORS BESIDE THE DOOR, DOOR HOLD OPEN DEVICES SHALL BE DE-ENERGIZED AND RELEASE DOORS.
5	PROVIDE ONE (1) GFCI RECEPTACLE COMPLETE WITH WEATHERPROOF COVER AND LABEL "FOR LIFT USE". EXACT LOCATION TO BE COORDINATED WITH ELEVATOR CONTRACTOR.
6	RELOCATE EXISTING FIRE ALARM DEVICE. EXTEND WIRE AND CONDUIT TO SUIT.
7	NEW DOOR OPERATOR TO BE SUPPLIED BY GC (DOOR HARDWARE CONTRACTOR) AND INSTALLED AND WIRED BY THIS ELECTRICAL CONTRACTOR. REFER TO DOOR HARDWARE NOTE FOR DEVICE PART NUMBERS.
8	NEW PUBLIC ADDRESS SPEAKER, TYPE TO MATCH EXISTING SYSTEM. CONNECT NEW SPEAKER TO EXISTING PA SPEAKER CIRCUIT.
9	NEW FIRE ALARM SMOKE DETECTOR, TYPE TO MATCH EXISTING SYSTEM. CONNECT NEW FIRE ALARM DETECTOR TO EXISTING INITIATING ZONE.
10	PROVIDE #6 INSULATED GREEN WIRE FROM LIFT CONTROL BOX TO EXISTING BUILDING GROUNDING SYSTEM.
11	NEW FIRE ALARM HORN/STROBE, TYPE TO MATCH THE EXISTING SYSTEM. CONNECT NEW FIRE ALARM HORN/STROBE TO EXISTING INITIATING ZONE.

DOOR HARDWARE NOTE

CARD READERS:
BOX MOUNT CARD READER - HID-5395CG100 THINLINE II
MULLION CARD READER - HID-5365EGP00 MINIPROX

STRIKE POWER SUPPLY:
12/24VDC 2.5A STRIKE - AX-EFL3N

ELECTRIC STRIKES:
1/2 SURFACE STRIKE - HES 9400
3/4 SURFACE STRIKE - HES 9600

DOOR OPERATORS:
SINGLE DOOR - CAMDEN CD-CX-12PLUS
DOUBLE DOOR - CAMDEN CD-CX-33

☐ ✳ VIA TIME SWITCH
☐ ✳✳ PROVIDE BREAKER LOCKING DEVICES

EXISTING PANEL "PP-2A1"

■ 400 A, 120/208 V, 3 ϕ, 4 W. MAINS
☐ A, V, ϕ, W. MAINS
☐ RECESSED ■ SURFACE MOUNTED
☐ DOUBLE LUGS

DESCRIPTION	LOAD	BKR	CCT		CCT	BKR	LOAD	DESCRIPTION
EXISTING SERVICES			1	2				EXISTING SERVICES
			3	4				
			5	6				
			7	8				
			9					
			47	48	20A	500		NEW LIFT
			49	50	15A	250		DOOR OPERATOR
			51	52	20A	500		GFI OUTLET
			53	54				EXISTING SERVICES
			55	56				
			57	58				
			59	60				

TOTAL CONNECTED LOAD = 1,750 WATT + EXISTING SERVICES

☐ ✳ VIA TIME SWITCH
☐ ✳✳ PROVIDE BREAKER LOCKING DEVICES

EXISTING PANEL "PP-2C1"

■ 225 A, 120/208 V, 3 ϕ, 4 W. MAINS
☐ A, V, ϕ, W. MAINS
☐ RECESSED ■ SURFACE MOUNTED
☐ DOUBLE LUGS

DESCRIPTION	LOAD	BKR	CCT		CCT	BKR	LOAD	DESCRIPTION
EXISTING SERVICES			1	2				EXISTING SERVICES
			3	4				
			5	6				
			7	8				
			9					
			79	80				
			81	82	15A	50		DOOR HOLDERS
			83	84	15A	250		DOOR OPERATOR

TOTAL CONNECTED LOAD = 250 WATT + EXISTING SERVICES

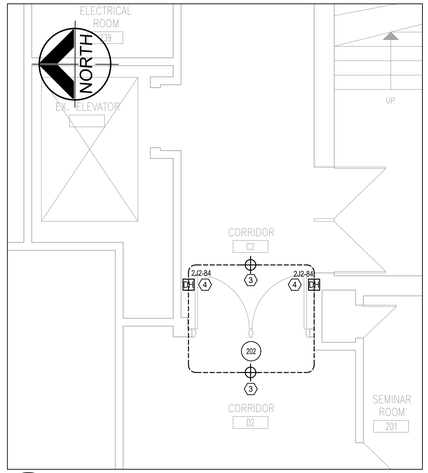
☐ ✳ VIA TIME SWITCH
☐ ✳✳ PROVIDE BREAKER LOCKING DEVICES

EXISTING PANEL "PP-2J2"

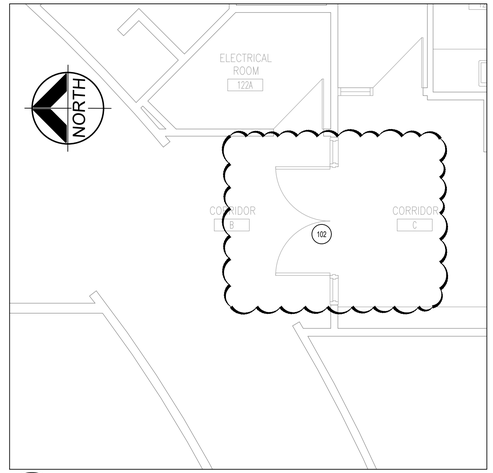
■ 225 A, 120/208 V, 3 ϕ, 4 W. MAINS
☐ A, V, ϕ, W. MAINS
☐ RECESSED ■ SURFACE MOUNTED
☐ DOUBLE LUGS

DESCRIPTION	LOAD	BKR	CCT		CCT	BKR	LOAD	DESCRIPTION
EXISTING SERVICES			1	2				EXISTING SERVICES
			3	4				
			5	6				
			7	8				
			9					
			79	80				
			81	82	15A	250		DOOR OPERATORS
			83	84	15A	50		DOOR HOLDERS

TOTAL CONNECTED LOAD = 50 WATT + EXISTING SERVICES



6 E2-01 ENLARGED SECOND FLOOR PLAN
1:50



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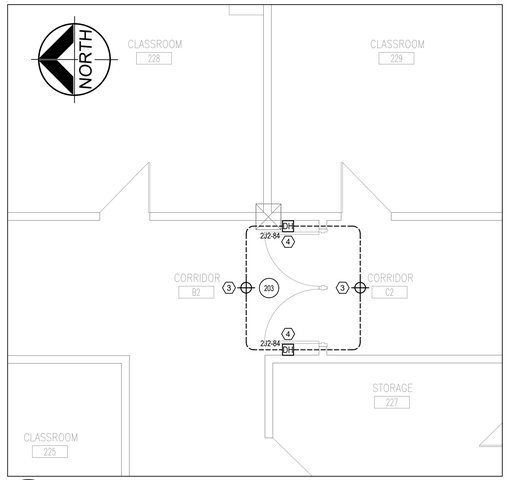

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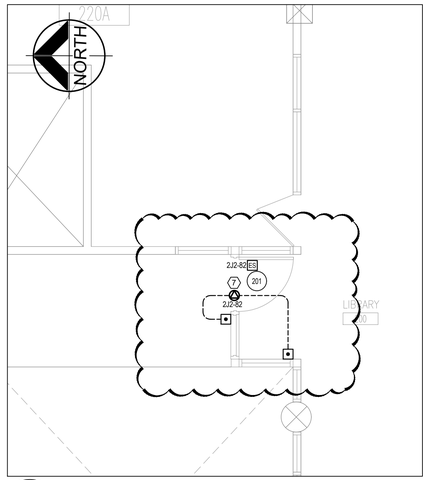

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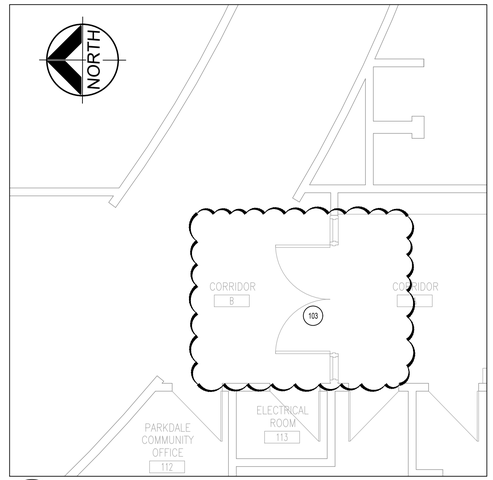

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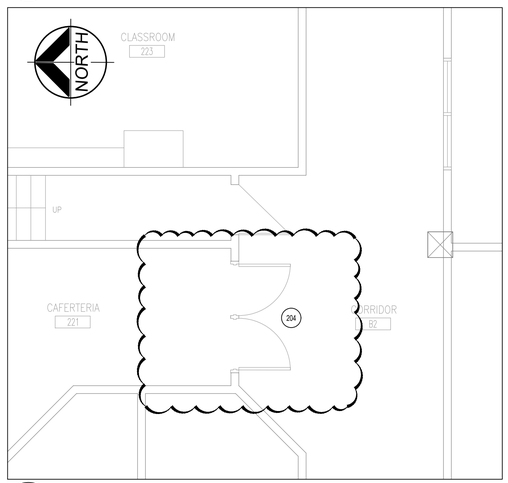

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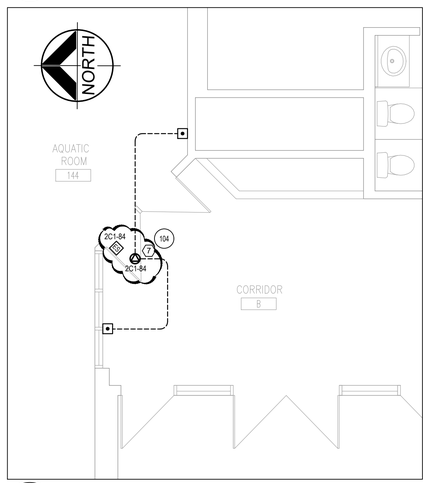

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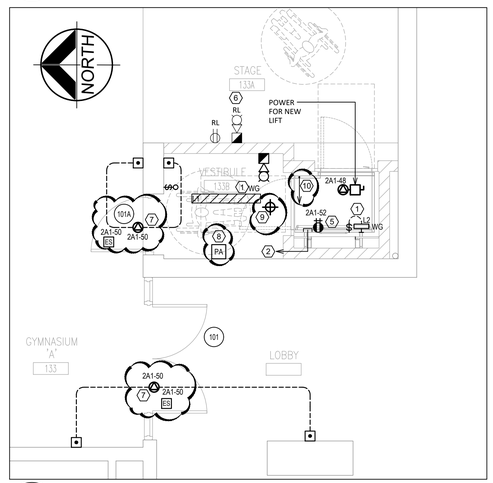

1 E2-01 ENLARGED FIRST FLOOR PLAN
1:50

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01	ISSUED FOR 60% REVIEW	2026 02 17	DT
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03	ISSUED FOR TENDER	2026 04 29	DT

NO.	REVISIONS	DATE	BY
01	ADDENDUM 001	2026 05 22	DT

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BARRY BRYAN ASSOCIATES

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ACCESSIBILITY UPGRADES
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TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ELECTRICAL PLANS

DESIGN BY:	DT
DRAWN BY:	DT
CHECKED BY:	RL
DATE:	2026-01-22
SCALE:	1 : 50
SEAL:	
PROJECT NO:	25301-26
DRAWING NO:	E2-01