

## Making School Buildings and Sites More Accessible

To: Planning and Priorities Committee

Date: 3 November, 2021

**Report No.:** 11-21-4173

## Strategic Directions

Provide Equity of Access to Learning Opportunities for All Students

Allocate Human and Financial Resources Strategically to Support Student Needs

#### Recommendation

It is recommended that:

- 1. The Chair of the Board write to the Minister of Education to advocate for dedicated funding to make existing schools accessible.
- 2. The Director:
  - a. Seek permission from the Ministry of Education to use Proceeds of Disposition (PoD) for accessibility improvements to buildings and sites;
  - Instruct an interdepartmental team to develop a plan for making improvements to existing designated schools and to increase the network of designated schools across the district; and
  - c. Include a request for PoD to fund the implementation of the plan in the Capital Budget presented to the Board in June 2022, subject to Ministry approval.

#### Context

To meet our commitment to human rights, equity, and inclusion, and to honour the Canadian Human Rights Act, the TDSB is obligated to improve accessibility for people with disabilities. While acknowledging that accessibility has many definitions and dimensions, this report focuses on the built environment, which includes the interior and exterior features of schools.

While all new TDSB schools are designed to meet or exceed current accessibility standards, most of our older schools were not built with accessibility in mind. These sites include significant barriers to students, educators, parents, and visitors with disabilities, including those who use mobility assistance devices and who have low vision or hearing.

How Accessible are TDSB Schools?

In 2014 and 2015, the TDSB audited all of its schools and created site-specific profiles. Each school profile includes a description of interior and exterior accessibility features and a map. For an example and more information, see *Appendix A: Site-Specific Accessibility Profiles*.

The on-site accessibility audits of school buildings have also allowed staff to group schools into three categories: accessible, somewhat accessible, and not accessible.

- Accessible means the building meets objective design parameters specific to the TDSB. A building meeting this level would allow independent access into and throughout the building and provide a barrier-free washroom.
- 4. A **Somewhat Accessible** building is one that doesn't meet the full criteria of Accessible but provides independent access into the building, a barrier-free washroom on the level of entry, and a level of entry with no level disruptions.
- 5. Those buildings not meeting either Accessible or Somewhat Accessible defaulted to the **Not Accessible** category.

As shown in appendices B, C and D, 160 buildings have been categorized as accessible, 78 as somewhat accessible and 332 as not accessible.

## Funding and Accessibility

There are two challenges associated with funding and accessibility:

- · the amount of funding needed, and
- kind of funding the TDSB receives.

The first challenge is the magnitude of funds needed given the complexity of work often required. Based on the information collected during the on-site audits, staff estimate that \$1 billion will be needed to make all schools accessible.

The cost to make Maplewood High School fully accessible, for example, was \$5 million and took two years of construction. The cost to provide accessibility to most, but not all, spaces at The Elms Junior Middle School was \$1.3 million and took one and a half years to complete. For more information on these projects, see *Appendix E: Case Studies*.

The second challenge is the nature of the funding that the TDSB receives from the Ministry of Education. Accessibility is improved in the following circumstances:

1. All new schools and additions must meet the accessibility requirements of the Ontario Building Code (OBC) and the Accessibility for Ontarians with Disabilities Act (AODA). The Ministry provides the funding to meet these requirements, and as a result, all new TDSB schools and additions are accessible. For more information on the OBC and AODA, see Appendix F: Legislation and Regulations.

2. When school buildings and sites are renovated as part of Renewal or State of Good Repair projects. These projects are primarily funded from School Condition Index (SCI) funding, which is to be used to repair and replace building and site components that are recorded as part of the TDSB's \$3.7 billion Repair Backlog. For example, when a parking lot is being replaced, accessible parking spaces are included, as well as an accessible path of travel from the parking lot to the doors of the school.

While accessibility improvements are regularly made, projects are selected based on the priorities identified in the Repair Backlog, not by considerations related to systematic inequities in accessibility.

A related constraint is that SCI funding cannot be used to improve accessibility if the space is not listed in the Repair Backlog. For example, there are frequent requests for ramps and elevators, but if they don't exist, then SCI funding cannot be used to install them.

While provincial funding for new schools and additions allows the TDSB to meet the requirements of the OBC and AODA, and SCI funding can help make important accessibility improvements on an ad-hoc basis as part of State of Good Repair projects, there is no dedicated funding from the Ministry for school boards to plan and execute a program of accessibility upgrades to buildings and sites.

The only feasible option to improve accessibility in existing buildings methodically would be for the TDSB to request permission from the Ministry of Education to use Proceeds of Disposition (PoD). In doing so, staff will be able to design and implement planned accessibility projects based on identified priorities.

But even if permission to use PoD is granted, difficult choices about priorities will have to be made because of the high cost of making even one school accessible, let alone the \$1 billion required to meet all needs.

## Accessibility and Replacement Schools

Adding to the complexity is that some schools simply cannot be made accessible because the renovations required would be extreme in both extent and cost. Often these are the same buildings that have repair backlogs that exceed their replacement value.

Replacing these schools may be the best option, since it would eliminate the repair backlog and result in buildings that meet today's accessibility standards. This is particularly important for secondary schools because of the way that students need to move through the building to have equitable access to available programs.

## Improving the Accessibility of Existing Schools

#### **Designated Schools**

The TDSB has had a network of designated schools (as shown in Appendix G) for about twenty years. "Designated schools" is a term used to describe schools that have been designated for students with accessibility needs.

In most cases, the designated schools are classified as Accessible, but because some areas do not have accessible facilities, some building are not fully accessible.

Over the years, investments have been made into designated schools to meet the needs of the students enrolled, which often include features needed by students but not required by the OBC or AODA. For example, students may need special desks, or modifications to washrooms that, while barrier-free for adults as required by the OBC, do not meet the needs of children.

Since PoD for accessibility will be limited, available funding should be directed strategically into improving existing designated schools and to gradually increase the number of sites with this designation so that there are more pathways for students as they move through the school system.

To this end, an interdepartmental team with representation from the Learning Networks, Special Education, and Planning and Facility Services will be brought together to help plan and guide a program of improvements to strengthen the network of designated schools across the district.

#### **Action Plan and Associated Timeline**

An interdepartmental team will develop a plan to improve the accessibility and present a budget request for PoD to support the plan in the June 2022 Capital Budget report

Upon approval of the funding, detailed design development will commence, to be followed by the tendering of projects and construction in the 2022/23 school year.

## **Resource Implications**

Existing staff resources will be used to develop the plan.

#### **Communications Considerations**

N/A

## **Board Policy and Procedure Reference(s)**

Policy P069 – Accessibility

## **Appendices**

- Appendix A: Site Specific Accessibility Profiles
- Appendix B: Accessible Schools
- Appendix C: Somewhat Accessible Schools
- Appendix D: Not Accessible Schools
- Appendix E: Case Studies
- Appendix F: Legislation and Regulations
- Appendix G: Designated Schools

## From

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# Accessibility: Features and Barriers

## **Earl Haig Secondary School**

100 Princess Ave., North York, ON M2N 3R7 (416) 395-3210

Accessibility survey date: June 2014



For TDSB staff only: summary, site plan, and floor plans

#### Introduction

The information provided below is based on a survey of Earl Haig SS conducted in June 2014 and is for reference only. All visitors to the school should contact the main office in advance to verify access and arrange for necessary accommodations.

Earl Haig SS has been designated Accessible. For definitions of designations and instructions on how to use the accessibility drawings attached, please see page 9.

## **Summary**

Earl Haig SS has numerous amenities that enable accessibility to most parts of the building. All entrances are level and three are equipped with power-operated doors. All floors are accessible by elevators. Keys are required for the elevators and washrooms. Visitors should obtain keys from the main office or arrange to have the washrooms unlocked.

#### **Exterior**

**Parking:** Two designated parking spaces available with easy access to school entrance.

**Pathways:** Most exterior routes are accessible, with no obstructions.

**Entrances:** #1, #7 and #10 are equipped with power-operated doors; entrance # 7, located at the rear of the school, is the designated drop-off area.

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# Accessibility: Features and Barriers

#### Interior

**Floor Access:** This school contains two elevators allowing access to all floors. These elevators require key access.

#### **Specialized Rooms:**

**Main Office:** Somewhat accessible; no power-operated door. **Library:** Somewhat accessible; no power-operated door. **Cafeteria:** Somewhat accessible; no power-operated door.

**General Purpose/Gymnasium:** Somewhat accessible; no power-operated door. **Auditorium:** Accessible; power-operated door is located at the end of the ramp.

Pool: N/A.

**Washrooms:** School is equipped with eleven accessible washrooms. Two are designated universal washrooms that are locked. There are no visual emergency alarm devices.

#### **Other Information**

• There are special markers on the main stairs for visually impaired users.

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# **Accessibility: Features and Barriers**

## Legend



**Exterior door:** entrance numbers on a square yellow sign.



Ramp



**Intercom:** electrical device that allows two-way communication with the main office.



**Stairs** 



Level entrance: entrance without stairs/steps.



Recommended pathway for disabled individuals. Power-operated door may or may not be present.



**Stepped entrance:** entrance with



**Embedded photo:** click this icon on the drawing to view a photo of the area.



stairs/steps.



Floor level accessible by steps or stair.



Area of safe refuge: location in a building for disabled occupants to go during a fire alarm as part of the evacuation process.



Various instructional administrative service rooms.



**Doorway** 



**Main entrance** 



Elevator/lift



**Accessible parking** 



Recommended washroom (male/ female) for disabled individuals

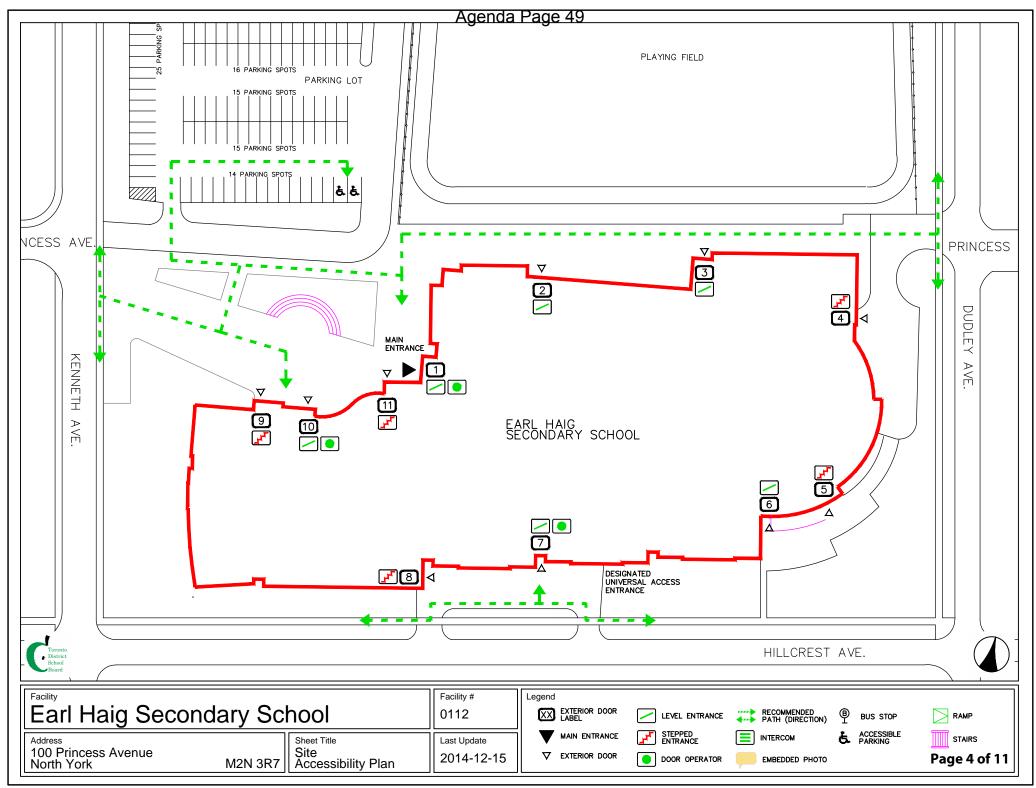


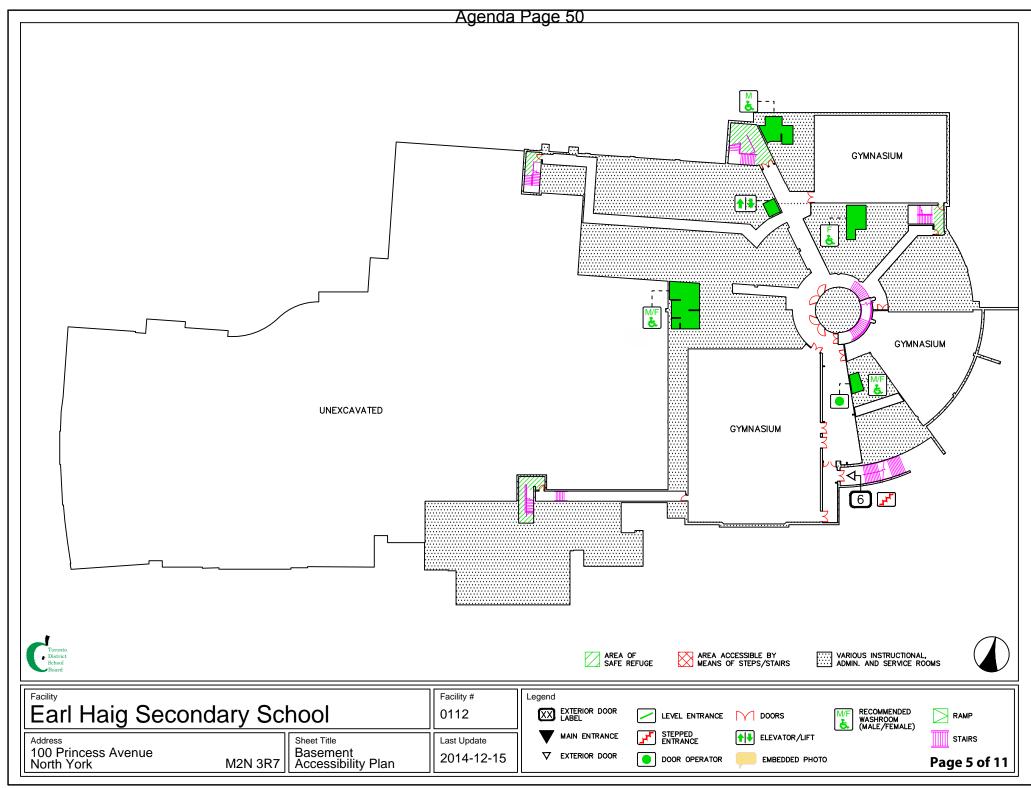
**Bus stop** 

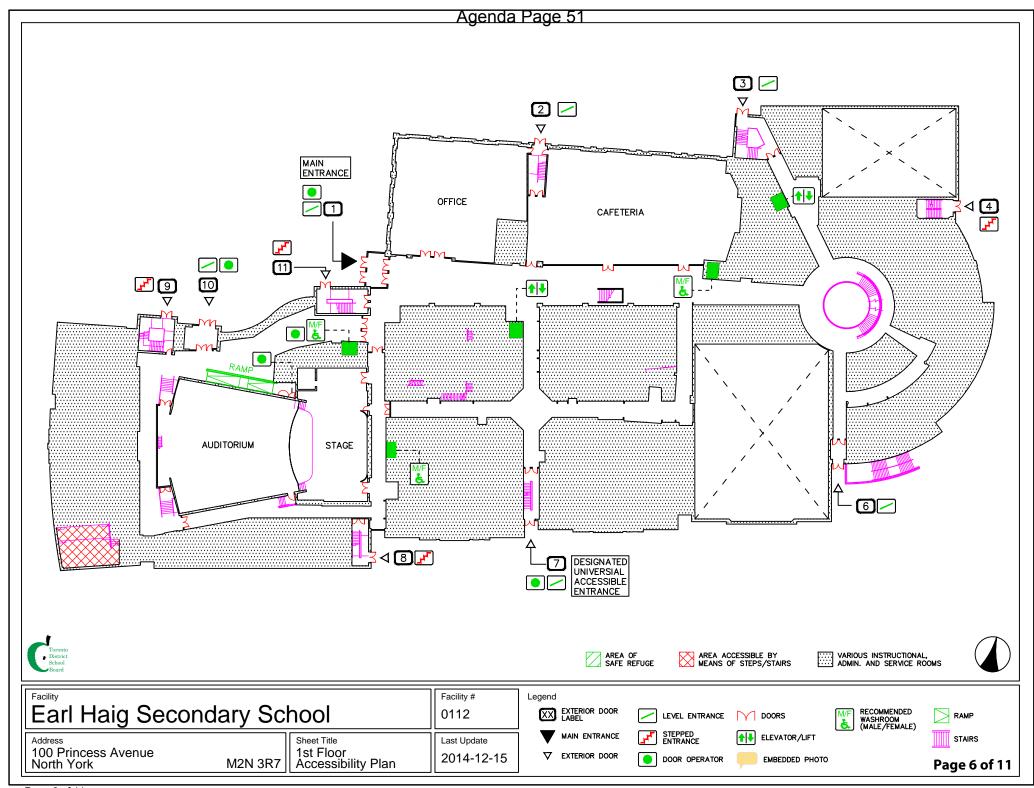


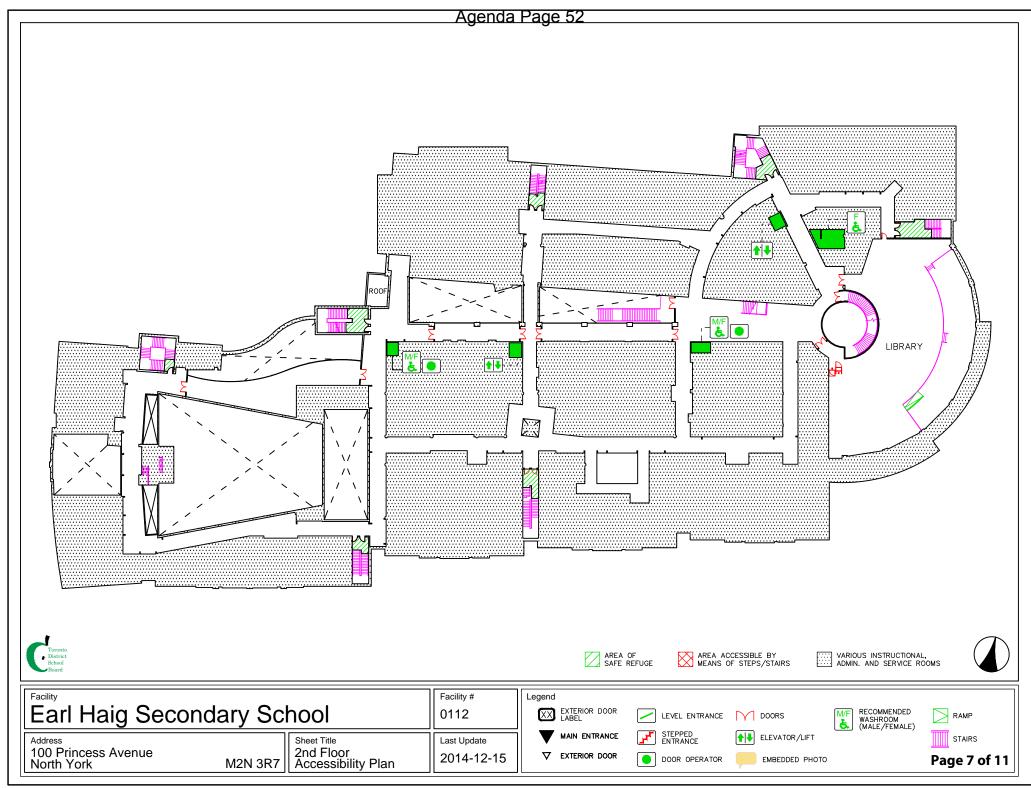
**Power-operated door** 

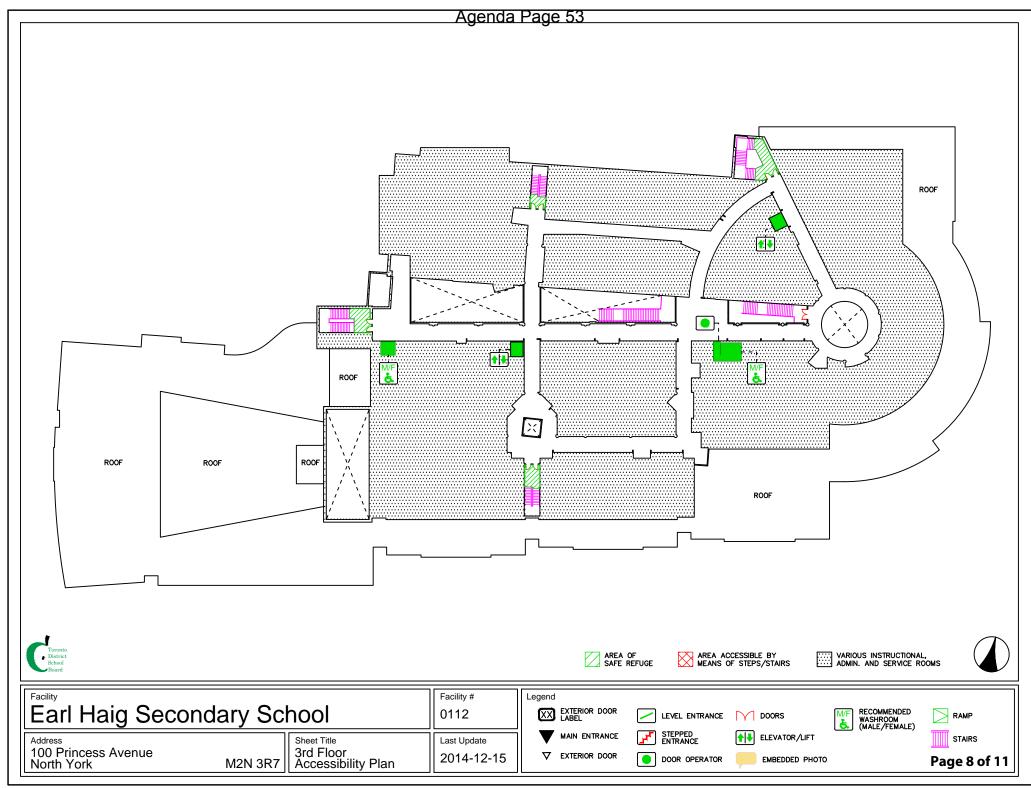
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## **Using the Accessibility Drawings**

#### Introduction

The TDSB has produced drawings to show accessible features as well as barriers for each of its buildings. This information will be useful for students, staff, parents, and community members — some of whom have physical disabilities and need to know the features and barriers of our buildings.

The current Ontario Building Code (OBC) is generally used as the basis for the accessibility features included in the drawings. However, features that do not fully conform to current regulations are nevertheless identified. A legend noting features such as power-operated doors and elevators accompanies each set of drawings.

#### **Entrances**

Entrance numbers are provided on the drawings for reference and correspond to numbers posted inside and outside each public entrance. Entrance numbers have an associated icon: (denoting a flush condition) or (denoting a stepped condition). The approach to a flush entrance may be ramped, sloped, or flat, but has no appreciable height differential at the doorway. A stepped entrance is one with an appreciable step not compliant with OBC requirements for level access. Power-operated doors, if present, are identified with an oil icon.

To ensure student safety and security, elementary school buildings have a locked door policy. Visitors are directed to enter through the building's main entrance door after contacting the main office using the intercom provided. Where applicable, the drawings will indicate a recommended path to the main entrance doors (i.e., an arrow pointing to the main door). A recommended path has **not** been shown **to** the main entrance where

- the main entrance is not level, or
- the path to the main entrance has a barrier.

If a level path exists between the parking lot and a nearby level entrance, the path to the parking lot from that doorway is indicated on the drawings regardless of whether there is a power-operated door present.

At secondary schools, intercoms are not present. Usually the doors closest to the parking lot or the main entrance doors are open during school operating hours. Recommended paths are shown to these doors if the path and doorway are level and there is a power-operated door present.

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## Using the Accessibility Drawings (cont'd)

#### **Interior Access**

The 1st floor (at grade) of the school is assumed to be accessible, even if there is no recommended path to the building. Access to floors other than the 1st floor is indicated by an icon denoting an elevator or ramp if present. Stairway locations are highlighted on the drawings to indicate access to floor levels; this information is included for individuals who do not require the use of a mobility device.

The main office, community-use areas, and rotation-program areas are labelled on the floor plans for ease of navigation. Various instructional, administrative, and service rooms are also indicated.

Doors at corridors and stairwells are marked on the drawings. If a power-operated door is not present (icon is absent), the doors may present a barrier to some individuals. Power-operated door devices may be push-button, hold-open, or motion-detection types.

#### **Washrooms**

Washrooms that are moderately to highly accessible are recommended and identified by a contractive use for gender is also provided; male, female, or universal is denoted by a corresponding letter M, F or M/F.

#### **Fire Safety Planning**

Areas of Safe Refuge are locations where persons with disabilities begin their vertical-descent stage of evacuation upon fire alarm. These have been identified on the drawing where present. They are located at EXIT stairwell landings on floors other than those at grade level, where the stairwell doors latch. Information regarding the use of Areas of Safe Refuge is found within each site's Fire Safety Plan.

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# Accessibility: Features and Barriers

## **Accessibility Designations**

The following definitions of accessibility at TDSB sites focus on mobility. Where accommodations exist for people with limited sight and/or hearing, or other types of disabilities, they will be described on each site's accessibility profile. Because each persons requirements are unique, the designation is to be used as a guide only.



#### **Accessible**

A person who uses a mobility device can enter and move through the building to access all or most areas without assistance or with minimal assistance. To be deemed accessible,

- the building can be accessed by a barrier-free path,
- there is at least one level entry at a main entrance operated by a power-operated door,
- there is at least one barrier-free universal washroom on the main floor, and
- where the building has more than one level, there is an elevating device (such as a lift or passenger elevator), but access on all floors may be limited.



#### **Somewhat Accessible**

Somewhat accessible is our designation for buildings that are not fully accessible, but they are also not completely inaccessible. They have some features that make them partially accessible.

In a somewhat accessible building, a person who uses a mobility device can enter and move through the main floor of the building with minimal assistance. Barrier-free access to other floors is not guaranteed. Generally speaking, to be deemed somewhat accessible,

- the building can be accessed by a barrier-free path and there is at least one level entry to the building, which may or may not have power-operated doors, and
- there is at least one washroom that is somewhat barrier free.



#### **Not Accessible**

A person who uses a mobility device will either not be able to access the building or will require significant assistance. To be deemed not accessible,

- access to the building does not have a barrier-free path,
- there are no main entrances that are level, or

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## **Appendix B: Accessible Schools**

**Accessible** means the building meets objective design parameters specific to the TDSB. A building meeting this level would allow independent access into and throughout the building and provide a barrier-free washroom.

The 2014–15 on-site audit results identified the schools shown below as Accessible.

Please note that accessibility improvements have been made to some schools since they were audited but are not reflected in the categorization of schools.



27 Kingsview Village Junior School

30 Reveriev Heights Middle School

29 West HIII Public School

32 Military Trail Public School

West End Alternative School

60 Grenoble Public School

East York Collegiate Institute

Martingrove Collegiate Tostitute

Northylew Heights Secondary School

Lester B Pearson Collegiate Institute

104 North Toronto Collegiate Institute

105 Lawrence Park Collegiate Institute

114 Rose Avenue Junior Public School

111 Westmount Junior School

112 Suppy View Ir and Sr PS

157 Glamorgan Junior Public School

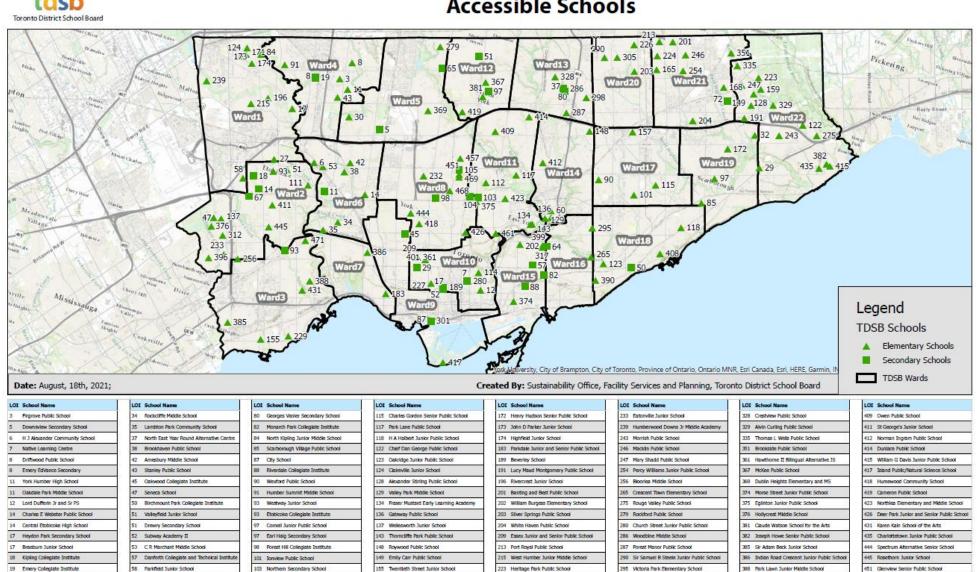
165 Alexenuir Junior Public School

168 Tom Longboat Junior Public School

159 Reming Public School

171 Smithfield Middle School

## Accessible Schools



224 Milliken Public School

226 Kennedy Public School

232 Glen Park Public School

227 Kensington Community School

229 Second Street Junior Middle School

298 Brian Public School

01 The Waterfront School

317 Cosburn Middle School

305 David Lewis Public School

390 Blantyre Public School

96 Millwood Junior School

408 Chine Drive Public School

399 Diefenbaker Elementary School

401 Palmerston Avenue Junior Public School

457 John Wanless Junior Public School

468 Alienby Junior Public School

61 Bennington Heights Elementary School

469 John Ross Robertson Junior Public School

471 Lambton-Kingsway Junior Middle School

# **Appendix C: Somewhat Accessible Schools**

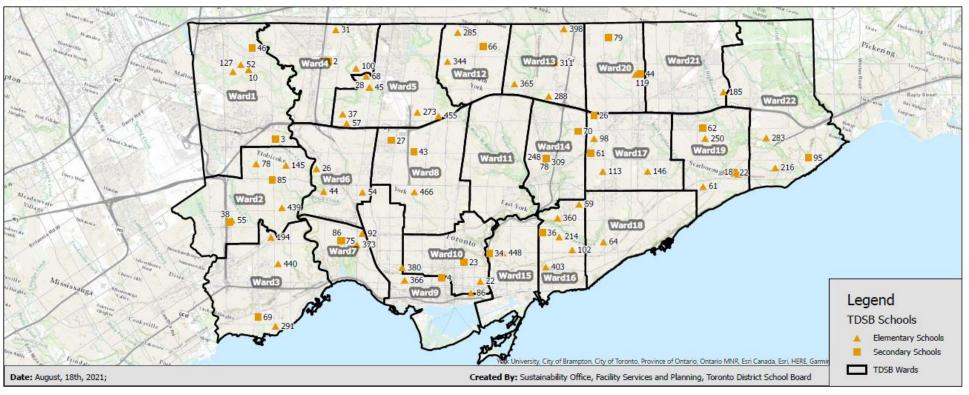
A **Somewhat Accessible** building is one that doesn't meet the full criteria of Accessible but provides independent access into the building, a barrier-free washroom on the level of entry and no level disruptions to the entry level.

The 2014–15 on-site audit results identified the schools shown below as Somewhat Accessible.

Please note that accessibility improvements have been made to some schools since they were audited but are not reflected in the categorization of schools.



# Somewhat Accessible Schools



LOI	School Name
2	Westview Centennial Secondary School
3	School of Experiential Education
4	Contact Alternative School
10	Greenholme Junior Middle School
18	Eastview Public School
22	Nelson Mandela Park Public School
22	Maplewood High School
23	Jarvis Collegiate Institute
26	Portage Trail Community School
26	Parkview Alternative School
27	Yorkdale Secondary School
28	Africentric Alternative School
31	Blacksmith Public School

LOI	School Name
34	CALC Secondary School
36	East York Alternative Secondary School
37	Tumpane Public School
38	Burnhamthorpe Collegiate Institute
43	John Polanyi Collegiate Institute
44	Roselands Junior Public School
44	Sir William Osler High School
45	Sheppard Public School
46	North Albion Collegiate Institute
52	Elmbank Junior Middle Academy
54	Silverthorn Community School
55	West Glen Junior School
57	Highview Public School

LOI	School Name
59	O'Connor Public School
61	Wexford Collegiate School for the Arts
61	Cedar Drive Junior Public School
62	Woburn Collegiate Institute
64	Taylor Creek Public School
66	Avondale Secondary Alternative School
68	Stilecroft Public School
69	Lakeshore Collegiate Institute
70	Victoria Park Collegiate Institute
75	Western Technical-Commercial School
78	Don Mills Collegiate Institute
78	Dixon Grove Junior Middle School
79	Dr Norman Bethune Collegiate Institute

LOI	School Name				
85	Richview Collegiate Institute				
86	Market Lane Junior and Senior Public School				
86	THESTUDENTSCHOOL				
92	Lucy McCormick Senior School				
95	Sir Oliver Mowat Collegiate Institute				
98	Maryvale Public School				
100	Lamberton Public School				
102	William J McCordic School				
113	George Peck Public School				
119	Lynnwood Heights Junior Public School				
127	Albion Heights Junior Middle School				
145	Hilltop Middle School				
146	Hunter's Glen Junior Public School				

LOI	School Name
185	Berner Trail Junior Public School
194	Islington Junior Middle School
214	D A Morrison Middle School
216	William G Miller Public School
248	Don Mills Middle School
250	Churchill Heights Public School
273	Faywood Arts-Based Curriculum School
283	Highland Creek Public School
285	Pleasant Public School
288	Shaughnessy Public School
291	Seventh Street Junior School
309	Greenland Public School
311	Don Valley Middle School

LOI	School Name
344	Yorkview Public School
360	Presteign Heights Elementary School
365	Elkhom Public School
366	Givins/Shaw Junior Public School
373	Keele Street Public School
380	Ossington/Old Orchard Junior Public School
398	Arbor Glen Public School
403	Bowmore Road Junior and Senior Public School
439	Humber Valley Village Junior Middle School
440	Norseman Junior Middle School
448	Frankland Community School
455	Summit Heights Public School
466	Cedarvale Community School

## **Appendix D: Not Accessible Schools**

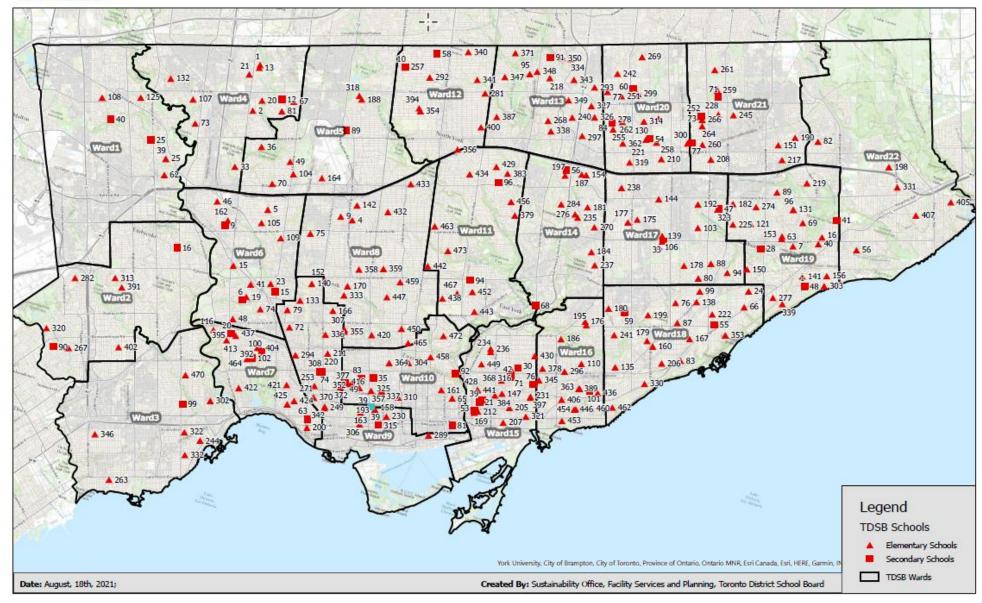
Those buildings not meeting either Accessible or Somewhat Accessible defaulted to the **Not Accessible** category.

The 2014–15 on-site audit results identified the schools shown below as Not Accessible.

Please note that accessibility improvements have been made to some schools since they were audited but are not reflected in the categorization of schools.



## Non-Accessible Schools





# **Not Accessible Schools**

I School Name	LOI School Name	LOI School Name	LOI School Name	LOI School Name	LOI School Name	LOI School Name
Native Learning Centre East	54 Stephen Leacock Collegiate Institute	99 Etobicoke School of the Arts	179 Danforth Gardens Public School	257 Fisherville Senior Public School	326 Pleasant View Middle School	400 Hollywood Public School
Shoreham Public Sports and Wellness Academy	55 R H King Academy	99 Walter Perry Junior Public School	180 Clairlea Public School	258 Tam O'Shanter Junior Public School	327 Ernest Public School	402 Wedgewood Junior School
Yorkwoods Public School	56 George S Henry Academy	100 Humberside Collegiate Institute	181 Ranchdale Public School	259 Brimwood Bouleverd Junior Public School	330 Birch Cliff Public School	404 Annette Street Junior and Senior PS
Flemington Public School	56 Joseph Brant Public School	101 Malvern Collegiate Institute	182 North Bendale Junior Public School	260 Sir Alexander Mackenzie Senior Public School	331 Meadowvale Public School	405 West Rouge Junior Public School
Maple Leaf Public School	58 Newtonbrook Secondary School	102 Ursula Franklin Academy	184 Victoria Village Public School	261 Agnes Macphail Public School	332 John English Junior Middle School	406 Norway Junior Public School
Frank Oke Secondary School	59 SATEC () WA Porter Collegiate Institute	103 Donwood Park Public School	186 Parkside Elementary School	262 North Bridlewood Junior Public School	333 Davisville Junior Public School	407 Centennial Road Junior Public School
Willow Park Junior Public School	60 L'Amoreaux Collegiate Institute	104 Downsview Public School	187 Donview Middle Health and Wellness Academy	263 James S Bell 3r Middle Sports and Wellness Academy	334 Highland Middle School	413 Humbercrest Public School
Weston Collegiate Institute	62 Elmiea Junior School	105 Gracefield Public School	188 Charles H Best Junior Middle School	264 North Agincourt Junior Public School	336 Regal Road Junior Public School	416 Horizon Alternative Senior School
Lawrence Heights Middle School	63 Parkdale Collegiate Institute	106 General Crerar Public School	190 Dr Marion Hilliard Senior Public School	266 Henry Kelsey Senior PS	337 Lord Lansdowne Junior Public School	420 Hillcrest Community School
North West Year Round Alternative Centre	63 Tecumseh Senior Public School	107 Daystrom Public School	192 Edgewood Public School	267 Bloordale Middle School	338 Dailington Public School	421 Howard Junior Public School
C W Jefferys Collegiate Institute	65 Sprucecourt Public School	108 Melody Wilage Junior School	193 Downtown Vocal Music Academy of Toronto	268 Lescon Public School	339 Elizabeth Simcoe Junior Public School	422 Swansea Junior and Senior Public School
Brookview Middle School	66 Bliss Carman Senior Public School	109 George Anderson PS	195 Gordon A Brown Middle School	269 Terry Fox Public School	340 Lilian Public School	424 Fern Avenue Junior and Senior PS
George Harvey CI	67 Derrydown Public School	110 Secord Elementary School	197 Rene Gordon Health and Wellness Academy	270 Broadlands Public School	341 Cummer Valley Middle School	425 Garden Avenue Junior PS
Bala Avenue Community School	68 Marc Garneau Collegiate Institute	116 Warren Park Junior Public School	198 John G Diefenbaker Public School	271 Shirley Street Junior Public School	342 The Grove Community School	428 Quest Alternative Senior School
York Memorial Collegiate Institute	69 George B Little Public School	121 Tredway Woodsworth Public School	199 General Brock Public School	274 Bellmere Junior Public School	3/3 Hilmount Public School	429 Harrison Public School
St Margaret's Public School	70 Pierre Laporte Middle School	125 Beaumonde Heights Junior Middle School	200 Queen Victoria Public School	276 Cassandra Public School	345 Earl Haig Public School	430 R H McGregor Elementary School
Cordella Junior Public School	71 Albert Campbell Collegiate Institute	130 Pauline Johnson Junior Public School	205 Lesleville Junior Public School	277 George P Mackle Junior PS	346 Lanor Junior Middle School	432 Ledbury Park Elementary and Middle School
Runnymede Colleciate Institute	71 Kapapamahchalowew - Wandering Spirit School	131 Heather Heights Junior PS	206 Birch CIPT Heights Public School	277 George P Pacicle Junior PS  278 3 B Tyrrell Senior Public School	347 Lester 8 Pearson Elementary School	433 Armour Heights Public School
Topcliff Public School	72 Carleton Village Jr and Sr Sports Wellness Academy	132 Gracedale Public School	207 Bruce Public School	281 Fach Public School	348 Zion Heights Middle School	434 St Andrew's Middle School
		132 Gracedate Public School 133 F.H. Miller Junior Public School	208 C D Regularison Junior Public School	281 Principulic School 282 Briancrest Junior School	349 Senera Hill Public School	436 Adam Beck Junior Public School
Gosford Public School  Eastdale Collegiate Institute	73 Delphi Secondary Alternative School 73 Guifstream Public School	135 Samuel Hearne Middle School		284 Three Valleys Public School	350 Cliffwood Public School	
	7.5 022310231174222023001	The same of the sa	210 Inglewood Heights Junior Public School	EST TIME TANAP T ASIA GUILLI	or anneat rable const.	437 King George Junior Public School
Keelesdale Junior Public School  Mason Road Junior Public School	74 Bloor Collegiate Institute  74 Harwood Public School	138 Robert Service Senior Public School 139 Dorset Park Public School	211 Dovercourt Public School 212 Dundas Junior Public School	289 Downtown Alternative School 292 R.J. Lang Elementary and Middle School	352 Montrose Junior Public School 353 Reirmount Public School	438 Hodgson Middle School  441 Withrow Avenue Junior Public School
The Elms Junior Middle School	75 Joyce Public School	140 Fairbank Memorial Community School	217 Burrows Hall Junior Public School	293 Cherokee Public School	354 Willowdale Middle School	442 John Fisher Junior Public School
Thistletown Collegiate Institute	76 Corvette Junior Public School	141 Guildwood Junior Public School	218 Cresthaven Public School	294 Perth Avenue Junior Public School	355 Winona Drive Senior Public School	443 Rolph Road Elementary School
Cedarbrae Collegiate Institute	76 School of Life Experience	142 Baycrest Public School	219 Highcastle Public School	296 Gledhill Junior Public School	356 Avondale Public School	446 Glen Ames Senior Public School
Greenwood Secondary School	77 Agincourt Collegiate Institute	144 Ellesmere-Statton Public School	220 Pauline Junior Public School	297 Muirhead Public School	357 da Vinci School	447 Forest Hill Junior and Senior PS
Winston Churchill Collegiate Institute	77 Chester Le Junior Public School	147 Blake Street Junior Public School	221 Lynngate Junior Public School	299 Brookmill Boulevard Junior Public School	358 West Preparatory Junior Public School	449 Jackman Avenue Junior Public School
Chalkfarm Public School	79 General Mercer Junior PS	150 Cedarbrook Public School	222 Anson Park Public School	300 Agincourt Junior Public School	359 North Preparatory Junior Public School	450 Brown Junior Public School
Central Technical School	80 Gien Ravine Junior Public School	151 Malvern Junior Public School	225 Bendale Junior Public School	302 Étienne Brůlé Junior School	362 Bridlewood Junior Public School	452 Bessborough Drive Elementary and MS
Calico Public School	81 Inglenook Community School	152 Fairbank Public School	228 Troquois Junior Public School	303 Jack Miner Senior Public School	363 Beaches Alternative Junior School	453 Kew Beach Junior Public School
Clasis Alternative Secondary School	81 Elia Middle School	153 Golf Road Junior Public School	230 Ogden Junior Public School	304 Jesse Ketchum Junior and Senior Public School	364 Huron Street Junior Public School	454 Williamson Road Junior Public School
Clasis Alternative SS (Skateboard Factory)	82 Grey Owl Junior Public School	154 Fenside Public School	231 Roden Public School	306 Nagara Street Junior Public School	368 Earl Grey Senior Public School	456 Deniow Public School
Boys Leadership Academy	83 Harbord Collegiate Institute	156 Poplar Road Junior Public School	234 Westwood Middle School	307 McMurrich Junior Public School	370 City View Alternative Senior School	458 Rosedale Junior Public School
Casis Triangle Program	83 Cliffside Public School	158 Ryerson Community School	235 Milne Valley Middle School	308 ALPHA II Alternative School	371 Steelesview Public School	459 Oriole Park Junior Public School
West Humber Collegiate Institute	84 Sir John A Macdonald Collegiate Institute	160 J G Workman Public School	236 Chester Elementary School	310 Orde Street Public School	372 Dewson Street Junior Public School	460 Balmy Beach Community School
Galloway Road Public School	87 Norman Cook Junior Public School	161 Winchester Junior and Senior Public School	237 Sloane Public School	313 Princess Margaret Junior School	377 Delta Alternative Senior School	462 Courcelette Public School
Dennis Avenue Community School	88 Knob Hill Public School	162 Weston Memorial Junior Public School	238 Terraview-Willowfield Public School	314 Timberbank Junior Public School	378 Earl Beatty Junior and Senior Public School	463 Bedford Park Public School
West Hill Collegiate Institute	89 Woburn Junior Public School	163 Charles G Fraser Junior Public School	240 Kingslake Public School	315 ALPHA Alternative Junior School	379 Rippleton Public School	464 Runnymede Junior and Senior Public School
Subway Academy I	89 William Lyon Mackenzie Collegiate Institute	164 Ancaster Public School	241 Regent Heights Public School	316 Wilkinson Junior Public School	383 Windfields Middle School	465 Cottingham Junior Public School
Pelmo Park Public School	90 Silverthorn Collegiate Institute	166 Rawlinson Community School	242 Sir Ernest MacMillan Senior Public School	318 Wilmington Elementary School	384 Pape Avenue Junior Public School	467 Maurice Cody Junior Public School
Alternative Scarborough Education 1	91 A Y Jackson Secondary School	167 John A Leslie Public School	244 David Hornell Junior School	319 Vradenburg Junior Public School	387 Bayview Middle School	470 Sunnylea Junior School
George Syme CS	92 Rosedale Heights School of the Arts	169 Queen Alexandra Middle School	245 Anson S Taylor Junior Public School	320 Mill Valley Junior School	389 Kimberley Junior Public School	472 Whitney Junior Public School
Sir Wilfrid Laurier Collegiate Institute	94 Leaside High School	170 J R Wilcox Community School	249 Alexander Muir/Gladstone Ave 3r and Sr PS	321 Duke of Connaught Junior and Senior PS	391 John G Althouse Middle School	473 Blythwood Junior Public School
Central Toronto Academy	94 John McCrae Public School	175 Manhattan Park Junior Public School	251 Beverly Glen Junior Public School	322 George R Gauld Junior School	392 High Park Alternative School	
Blaydon Public School	95 Pineway Public School	176 Selwyn Elementary School	252 Chartland Junior Public School	323 St Andrews Public School	394 Churchill Public School	1
Highland Heights Junior PS	96 York Mills Collegiate Institute	177 Buchanan Public School	253 Brock Public School	324 Clinton Street Junior Public School	395 Mountview Alternative School	1
SEED Alternative School	96 Ben Heppner Vocal Music Academy	178 Lord Roberts Junior Public School	255 Pairglen Junior Public School	325 King Edward Junior and Senior Public School	397 Equinox Holistic Alternative School	1

## **Appendix E: Case Studies**

## Case Study #1 - Maplewood High School

Maplewood HS is a specialized learning community that has historically offered a wide range of support programs for students with mild intellectual disabilities (MID) or developmental disabilities (DD). Prior to 2019, Maplewood HS was unable to provide a full range of programing for students with physical disabilities and MID/DD exceptionalities because it was not fully accessible. Given Maplewood's rich history of providing programming for MID/DD students, in 2011 the Board approved extensive building upgrades at the school to become a fully accessible site.

Maplewood HS is a two-story structure originally constructed in 1967 with a building area of approximately 11,000 square metres. At the time of construction there was no mandate in the Ontario Building Code to provide barrier-free accessibility for public buildings and the school was built without any considerations for persons requiring the use of mobility assistance devices such as wheelchairs. To make Maplewood fully accessible in compliance with section 3.8 of the Ontario Building Code, the following upgrades were made:

- New hydraulic passenger elevator to provide access to the second floor
- New ramp from street to main entrance with new accessible main entrance doors
- New universal washroom and staff room on second floor
- New interior doors complete with automatic door operators

To accommodate the elevator, a new building link was constructed on the second floor that connected two previously separate floor areas and provided barrier-free access to the entire second floor. The design for the elevator and associated barrier-free upgrades started in August 2016 with construction beginning the following summer. While barrier-free projects of this scale and cost are not commonly undertaken for existing facilities, the barriers to accessibility found at Maplewood are typical at most secondary and multi-story elementary schools where vertical circulation between floor levels (i.e., stairs) creates a barrier to accessibility.

#### Case Study #2 - The Elms Junior Middle School

Many TDSB sites are not fully barrier-free but do provide a level of accessibility where persons requiring mobility assistance can access most of the school, including common areas such as the library, cafeteria, gym, and the main office. The Elms JMS is a two-story structure originally constructed in 1960 with five building additions added between 1965 and 1976. The total building area is approximately 10,200 square metres. At the time of construction, no considerations for barrier-free accessibility were included in the building design. Only six classrooms are located on the second floor but several elevation changes on the ground floor made the facility largely inaccessible. The school

requested that the facility be approximately 80% accessible to accommodate students and staff members who required mobility assistance devices. The following upgrades at The Elms JMS were made to improve the barrier-free accessibility of the site:

- New interior ramp on the ground floor to provide access to all main floor areas and provide a more direct route to key support spaces including the gym, main office, cafeteria, library, and music classrooms
- New barrier-free entrance at Exit #7 complete with automatic door operators
- New universal washroom

The design for the new ramp and associated upgrades started in fall 2018 with construction beginning in spring 2019. Construction took about 1.5 years and the project cost approximately 1.3 million dollars. The cost and scope of The Elms JMS project is typical for barrier-free upgrades where the intention is to provide accessibility to most spaces, but where it is not feasible to make the facility completely barrier-free.

## **Appendix F: Legislation and Regulations**

Neither the Ontario Building Code (OBC) nor the Accessibility for Ontarians with Disabilities Act (AODA) requires the TDSB to retrofit existing buildings, but there are obligations when constructing new buildings and additions and when undertaking major interior and exterior renovations.

**Ontario Building Code:** Under the Ontario Building Code (OBC), accessibility standards apply to all *new and redeveloped buildings* open to the public, including schools. Examples of these features include ramps, lifts or elevators whenever there are changes in floor levels; automatic doors; width of door openings at entrances to buildings and common areas; accessible public washrooms; barrier-free paths of travel into and through buildings; visual and audible fire alarms; accessible seating in auditoriums; assistive listening systems in classrooms, meeting rooms, and auditoriums designed to hold at least seventy-five people.

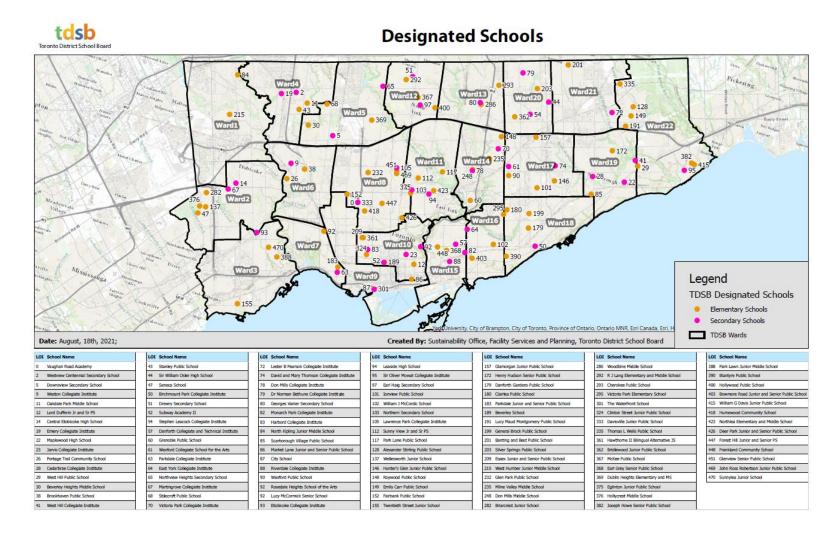
**AODA:** In 2005, the provincial government passed the Accessibility for Ontarians with Disabilities Act (AODA) to make businesses and organizations more accessible. The AODA currently has five standards that organizations, including school boards, must follow to become accessible: information and communications, employment, transportation, design of public spaces, and customer service. The <u>AODA</u> does not yet have an education standard, but its <u>Design of Public Spaces Standard</u> has rules that apply to *major interior and exterior retrofits and building additions* in educational sites and buildings.

In 2017, the Ontario Minister Responsible for Accessibility established the Education Standards Development Committee to develop recommendations for a proposed accessibility standard to address barriers in publicly funded K-12 education. The committee's mandate is to address priority areas to determine the measures, policies, practices, and requirements to be implemented on or before January 1, 2025, and the timeframe for their implementation. The TDSB is awaiting further guidance from the Minister, including funding provisions.

## **Appendix G: Designated Schools**

The TDSB has had a network of designated schools for about twenty years. Designated schools is a term used to describe schools have been designated for students with accessibility needs.

In most cases, the school buildings are classified as Accessible, but because some areas do not have accessible facilities, some designated schools are not in fully accessible buildings.



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