

HALTON DISTRICT SCHOOL BOARD
FACILITY AUDIT FOR ACCESSIBILITY
BURLINGTON SECONDARY SCHOOLS

FEBRUARY 8, 2017

 **snyder**architects

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ALDRSHOT HIGH SCHOOL

BURLINGTON CENTRAL HIGH SCHOOL

LESTER B. PEARSON HIGH SCHOOL

M. M. ROBINSON HIGH SCHOOL

NELSON HIGH SCHOOL

ROBERT BATEMAN HIGH SCHOOL

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BURLINGTON CENTRAL HIGH SCHOOL

LESTER B. PEARSON HIGH SCHOOL

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NELSON HIGH SCHOOL

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Robert Bateman High School Accessibility Summary Chart
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1. Introduction

The following report is in regards to a draft assessment of *Accessibility* conditions specifically at the Halton District School Board's Burlington Secondary Schools. Snyder Architects Inc. was engaged to prepare a Facility Audit for Accessibility as per RFQ 16-375. Authorization to proceed with this report was provided by a Purchase Order Issued Dec 21, 2016. The scope of the report covers 6 of the Burlington Secondary Schools:

Aldershot High School, 50 Fairwood Place West L7T 1E5

Burlington Central High School, 1433 Baldwin Street L7S 1K4

Lester B. Pearson High School, 1433 Headon Road L7M 1V7

M.M. Robinson High School, 2425 Upper Middle Road L7P 3N9

Nelson High School, 4181 New Street L7L 1T3

Robert Bateman High School, 5151 New Street

Dr. Frank J. Hayden Secondary School was completed in 2013 in accordance with applicable legislation and was not reviewed as part of this study. Swimming pools and ancillary areas at Aldershot HS and Robert Bateman HS were not a part of this review or report.

2. What is Accessibility?

There are many organizations and agencies that regulate or advocate for Accessibility. As such there is no single document or checklist that can be followed to verify Accessibility standards have been met. This report considers Provincial regulators noted as follows:

3. Accessibility for Ontarians with Disabilities Act, 2005

The Accessibility for Ontarians with Disabilities Act (AODA), 2005 is a Provincial Act with intent to improve opportunities for people with disabilities. It establishes accessibility standards including the design of public spaces. For matters of built environments it deals mainly with exterior accessibility issues up to the entrances of public buildings and identified interior elements. The Province has established a goal that all public buildings meet AODA standards by the year 2025. Recommendations made in this report include those required to make elements of these facilities AODA compliant wherever reasonable/possible.

4. Ontario Building Code: OBC 2012

The Ontario Building Code (OBC) sets out regulations for Accessibility throughout the code and specifically in Article 3.8 Barrier Free Design. New buildings designed and constructed in Ontario must meet these regulations. Most existing HDSB facilities were built prior to current codes and do not meet all of today's code issues. Owners are only required to maintain or upgrade their facilities to current codes where substantial 'change of use' renovations or new additions are being made under the authority of a Building Permit. Recommendations made in this report include compliance with current OBC regulations where reasonably practical.

5. Halton District School Board Accessibility Plan

The Halton District School Board's Accessibility Plan includes efforts to remove and prevent barriers for people with disabilities who work in, use or attend school board facilities and services.

For this report, the goal of the assessment is based on the following:

Reasonable provision shall be made to provide accessibility to each building, each building floor space and all types of student program space within each floor space for persons with disabilities such as physical mobility disabilities, visual impairment and hearing impairment.

6. Assessment, Review and Reporting Methodology

Various documents describing the facilities to be reviewed were provided by the Board including site plans, floor plans, and a Facility Accessibility Design Standards report prepared by the Herrington Group. These documents were reviewed for accessibility issues and checklists were created identifying areas requiring review at each school. A meeting was convened with Board staff to review and confirm objectives. Site visits were then performed at each school. Board staff arranged for access wherever possible and Snyder Architects staff reviewed areas where accessibility issues were to be confirmed. Conditions were visually assessed and recommendations were developed for each area. Shaded plans have been provided to indicate the areas where accessibility has been addressed.

7. Facility Assessment Summary

Following is a brief description of the schools reviewed as part of this study and a total budget to provide accessibility recommendations as detailed in the appendices of this report.

Aldershot High School is a grade 7–12 school with a gross floor area (GFA) of approximately 143,000 sq. ft. Originally constructed in the mid-1900s, it is a 2 storey school with additional level changes at various locations on the ground floor. The 2nd floor is accessed by a limited access limited use elevator (LULA) and stair lifts have been installed to address access issues to the various levels of the school. Washrooms appear to have been upgraded but are still below current accessibility standards. The total budget to implement accessibility recommendations is **\$1,565,066**

Burlington Central High School is a 3 storey grade 7-12 school with a GFA of approximately 158,000 sq.ft. The original building was constructed in 1922 and has been added to over the years. The last major addition added a new technical wing and gymnasiums. The auditorium has been upgraded with new seats and equipment. There are currently floor areas of the building that are only accessible by stairs, necessitating both a new elevator and stair lifts for accessibility to all floor areas. The total budget to implement accessibility recommendations is **\$3,186,106**

Lester B. Pearson High School was constructed in 1976. It is a 2 storey school that currently has a single storey 'porta-pak' addition that is not in use. The GFA including the porta-pak is approximately 113,000 sq. ft. The 2nd floor is currently accessed by a LULA elevator. The total budget to implement accessibility recommendations is **\$1,538,114**

M.M. Robinson High School was constructed in 1963. A recent renovation has created a large entrance foyer and includes a full size elevator that provides access to all floor areas. It is a 3 storey school with a GFA of approximately 214,000 sq. ft. The school includes a large wing outfitted for special needs education and several technical shops. The special needs wing is equipped with accessible features that buildings of this age do not often include. The total budget to implement accessibility recommendations is **\$1,396,676**

Nelson High School was constructed in 1957. The school is a two story building with a GFA of approximately 168,000 sq. ft. 2nd floor areas and a small music wing are currently accessible by LULA elevators. The total budget to implement accessibility recommendations is **\$1,715,241**

Robert Bateman High School was constructed in 1970 (then called Lord Elgin High School). It is a 2 storey school with a GFA of approximately 213,000 sq. ft. The second floor space is accessed by a full sized compliant elevator. The school includes teaching space for many service-related courses, in a variety of technologies and the culinary arts. The school also has a large special needs wing on the ground floor that has several accessibility features in place. The total budget to implement accessibility recommendations is **\$925,634**

8. Recommendation and Budget Notes

The budgets identified have been prepared based on review of drawings & documentation provided and on a *visual* review performed at each facility. Further detailed investigative study and architectural design should be undertaken prior to implementation of any recommendations. This budget anticipates *basic* architectural finishes for a functional solution to each issue; aesthetic premiums may be required based on Owner's preferences. To provide equivalency across Board Schools regarding access of all substantial floor areas, this report recommends the replacement of Limited Use Limited Access elevators (LULA) with full size elevators wherever reasonable. Recommendations in this report may have implications that can only be determined through detailed architectural design and code review (i.e. a washroom renovated with a reduction in fixtures may necessitate the addition of additional fixtures). A design contingency has been included to account for the preliminary stage of this budget. The budget anticipates direct construction costs and contractor's overhead and profit based on a stipulated sum delivery. No allowances have been made for escalation. A percentage budget has been estimated for removal of designated substances based on the age of each facility.

Halton District School Board Facility Audit for Accessibility

February 8, 2017

ALDRSHOT HIGH SCHOOL

SITE ACCESSIBILITY

A. Parking:

Accessibility Plan:

1. 4% of parking stalls to be barrier free
2. Barrier free stall to be equal number of van (3400mm wide) and car (2400mm wide) type barrier free space with 1500mm aisles
3. Barrier free stalls to have sign post

Location	Current Condition	Remediation	Budget
Barrier free stalls	There are 136 parking spaces in total, including 7 barrier free spaces. Spaces #1- 4 are nearest the main entrance; #5 & 6 are close to Entrance #6; space #7 is near Door #22. Spaces #1-3 are 2930 mm wide x 4200 mm long. Space #4 is 3020 mm wide x 5520 mm long. Spaces #5-6 are 5200 mm wide x 5210 mm long. Space 7 is 5200 mm wide x 5950mm long. None of the spaces have access aisles.	The number of barrier free spaces is adequate. Repaint barrier free space with aisles.	\$1,200
Signage	Spaces #1-4 at front entrance have 3 signs for four spaces. Spaces #5 & #6 have one sign at 2520 mm high. Space #7 does not have a sign post.	Add 3 sign posts.	\$750

B. Pathway:

Accessibility Plan:

1. All pathways to be 1500mm min, except at curb ramp
2. Pathway to have minimum 1:20 slope
3. Barrier free parking & crossings to have curb ramps with 1200mm minimum width, and 1:10 maximum slope
4. Curb ramps to have 610mm wide tactile walking surface indicator

Location	Current Condition	Proposed Work	Budget
Walkway from Fairwood Place W.	Uneven asphalt pathway along north side of parking lot to Entrance #6. The pathway width ranges from 1000mm to 1200mm. There are 2 barrier free parking outside of Entrance #6. There is not curb ramp.	Re-pave pathway 1500mm wide. Install a new curb ramp with tactile walking surface indicators at the barrier free parking aisle, widen sidewalk in front of barrier free parking.	\$17,225
Walkway in front of main entrance	Concrete walkway around front of school (Entrance #6 to Entrance #36) is 1500mm and wider, with the exception of the ramp at the pool entrance, which is 1400mm wide. There are curb ramps outside of Entrance #1 and #2.	Add tactile walking surface indicators at curb ramp & crossings.	\$5,000
Walkway to the sports field	The asphalt pathway at the south of the building extends to the back parking lot and the field. The path is gentle and adequate width.	Add tactile walking surface indicators at driveway crossings. Paint pedestrian crossing connecting to the field path.	\$2,500

C. Ramp:

Accessibility Plan:

1. Slope over 1:20 is considered a ramp. Ramps to have a maximum slope of 1:15
2. Ramps to be 900mm wide minimum
3. Ramp landings at top, middle and bottom to be 1670mmx1670mm minimum
4. Ramps to have tactile warning surface indicator at the top.
5. Ramps to have guardrails and hand rails both sides, complying with OBC
6. Ramps to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Pool entrance	Ramp is 1400mm clear, with 1100mm guardrail and hand rail on both sides.		

D. Stairs:

Accessibility Plan:

1. Stairs to have maximum 180mm riser, and minimum 280mm tread
2. Stairs to be 900mm wide minimum
3. Stairs landing at top, middle and bottom to be 1670mmx1670mm minimum
4. Stairs to have tactile warning surface indicator at the top of the stairs
5. Stairs to have to have intermediate rail if it is wider than 2200mm
6. Treads to have non-slip, high contrast marking at nosing

Location	Current Condition	Proposed Work	Budget
Stairs@ Entrance #36	There are 2 stairs from the sidewalk leading up to a large entrance landing. Stairs have 310mm treads and 180mm risers. One stair has a shallow step at the top, and a guardrail on one side only. The other stair has no rails. There is no tactile warning surface indicator at landing, and no abrasive contrast strip at nosing.	Replace stairs with uneven steps. Add tactile warning surface indicator and nosing strips. Install new guard and handrails.	\$29,000
Stairs @ Entrance #17 / #18	The stairs have 305mm treads and 195mm risers. There is no tactile warning surface indicator at landing, and no abrasive contrast strip at nosing. There is a guard rail at the top, but no handrail.	Replace with new stairs and hand rails to meet AODA.	\$58,000

BUILDING

A. Entrance and Vestibules:

Accessibility Plan:

1. 50% of entrances to be barrier free with door operators and ramp access, including the main entrance
2. Space within vestibules to accommodate wheel chair outside of door swing.
3. Door opening to be 860mm clear. Bottom of glazing in door to be lower than 900mm.

Location	Current Condition	Proposed Work	Budget
Entrance by Office (Entrance #1)	There is a direct and straight path to the entrance. The area in front of the entrance is 1990 mm wide and 3000 mm long. This entrance has double doors with a centre post. The vestibule is 2820mm deep. The exterior door is 790 mm clear with an automatic door operator. The button is 960 mm high. The button in the vestibule is a small rectangular button on the mullion. The vestibule doors are 860 mm clear. The button is at 930 mm high.	Replace exterior and vestibule doors and screens to meet current standard. Widen vestibule for wheelchair turning. Replace small rectangular door operator button with large round or long bar button.	\$16,200
Main Entrance (Entrance #2)	There is a direct and straight path to the entrance. The area in front of the entrance is 1990 mm wide and 3000 mm long. This entrance has a double door with a centre post. The exterior door is 790 mm clear, with an automatic door opener. The exterior automatic button is at 960mm high. The vestibule is 2840 mm wide and 2820 mm long. The button at the vestibule is 940 mm high and 80 mm wide. The interior door is 860 mm wide. The button is at 930 mm.	Replace exterior and vestibule doors and screens to meet current standard. Replace small rectangular door operator button with large round or long bar button.	\$16,200
Entrance #5	Main entrance to pool has a barrier free ramp and an automatic door operator.	Pool area not in scope.	
Entrance #11	This entrance has a double door with a centre post. The exterior doors are 790 mm clear. There is a step down at the door. The vestibule is 2050mm deep.	Not a barrier free entrance. See remediation for all doors.	
Entrance #18	This entrance has a double door with a centre post. The doors are 790 mm clear. There is a step down at the door, and a staircase leading up to the parking.	Not a barrier free entrance. See remediation for all doors.	

Entrance #22	There is a direct and gentle path to the entrance. The entrance has a double door with a centre post. The exterior doors are 790mm clear. The vestibule doors are 840mm clear. Automatic door operators have been installed. The vestibule is 2325 mm deep.	Replace exterior and corridor doors and screens to meet current standard. Remove vestibule door to accommodate wheelchair turning. Reuse automatic door operator.	\$16,000
Entrance #25	This entrance has a double door with a centre post. The doors are 790 mm clear with a step down. There is adequate space in front of doors to slope entrance to grade. The vestibule is 2050mm deep.	Replace exterior and vestibule doors and screens to meet current standard. Widen vestibule for wheelchair turning. Install a new automatic door operator.	\$24,000
Entrance #33	This entrance connects with the barrier free path south of the school. There is a direct path with gentle slope to the entrance. The entrance is a double door with a centre post. The doors are 790 mm clear.	Not a barrier free entrance. See remediation for all doors.	
Entrance #35	This entrance has a double door with a centre post. The doors are 790mm clear. The door step down to the frost slab and it is uneven.	Not a barrier free entrance. See remediation for all doors.	
Entrance #36	This entrance has a double door with a centre post. The doors are 790mm clear. There is a large landing connected to 2 stairs down to sidewalk.	Not a barrier free entrance. See remediation for all doors.	

B. Stairs:

Accessibility Plan:

1. Upper floor landings to have tactile warning surface indicator
2. Treads to have non-slip and visually contrasting strip at nosing
3. Stairs to have graspable handrail between 865-965mm high with 50mm clearance, and adequate top and bottom extension
4. Stairs to have guardrail at 1070mm high minimum
5. Stairs to have to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Stair @ Entrance#33	The stairs have terrazzo treads and risers at 180mm high and 280mm deep. The treads have two 10 mm wide, black slip resistant strips. Handrails are installed on both sides of the stairs at 990mm high. The handrail is flat and 60 mm wide. There is 45mm of clear space from the wall. The rail is continuous on the inside of the switchback. It extends 80 mm past the top and bottom stair. There is no tactile warning surface.	The current handrail is not code compliant. Remove and install new guardrail with handrail and wall handrail. Install the tactile warning surface indicator at upper landing.	\$12,750
Stair @ Entrance#22	The stairs have terrazzo treads and risers at 180mm high and 300mm deep. The treads have two 10 mm wide black slip resistant strip. Handrails are installed on both sides of the stairs at 910 mm high. The handrail is flat and 60 mm wide. It is 70 mm from the wall. It is continuous on the inside of the switchback. It extends 80 mm at the top of the stairs. There is no tactile warning surface. There is an EVAC chair at the top landing.	The current handrail is not code compliant. Remove and install new guardrail with handrail and wall handrail. Install tactile warning surface indicator at upper landing.	\$12,750
Stair @ Entrance#36	The stairs have terrazzo treads and risers at 180mm high and 300mm deep. The treads have two 10mm wide black slip resistant strips. Handrails are installed on both sides of the stairs at 920mm high. The upper wall rail is missing. The handrail is flat and 60 mm wide. It is 70 mm from the wall. It is continuous on the inside of the switchback. It extends 60 mm at the top stair. There are no warning surfaces. There is an EVAC chair at the top landing.	The current handrail is not code compliant. Replace guardrail with handrail and wall handrail. Install textile walking surface indicator at upper landing.	\$12,750

Stair @ Entrance#35	The stairs have terrazzo treads and risers at 180mm high and 290mm deep. The treads have two 10 mm wide black slip resistant strips. Handrails are installed on both sides of the stairs at 1040 mm high. The handrail is flat and 65 mm wide. It is smooth and provides a continuous gripping surface. It is 80 mm from the wall. It is continuous on the inside of the switchback. It does not extend past the stairs. There is no tactile warning surface. There is an EVAC chair at the top landing.	The current handrail is not code compliant. Replace guardrail with handrail and wall handrail. Install tactile warning surface indicator at upper landing.	\$12,750
Stair @ Auditorium	The stairs have terrazzo treads and risers at 180mm high and 280mm deep. The treads have two 10 mm wide black slip resistant strips. Handrails are installed on both sides of the stairs and in the middle. It is 990 mm high. The handrail is 40 mm wide. It is smooth and provides a continuous gripping surface. It is 60 mm from the wall. It is continuous on the inside of the switchback. It extends 270 mm past the bottom stair. There is no tactile warning surface.	The current handrail is not code compliant. Replace guardrail with handrail and wall handrail. Install textile walking surface indicator at upper landing.	\$12,750
Stair @ Library	The stairs have terrazzo treads and risers at 160mm high and 280mm deep. There is not tactile warning surface. The treads have two 10 mm wide black slip resistant strips. Handrails are installed on both sides of the stairs and in the middle at 990 mm high. The handrail is flat and 60 mm wide. It is smooth and provides a continuous gripping surface. It is 70 mm from the wall. The rail extends 90 mm at the top. There is no tactile warning surface. There is an EVAC chair.	The current handrail is not code compliant. Replace guardrail with handrail and wall handrail. Install tactile warning surface indicator at upper landing.	\$12,750

C. Corridor

Accessibility Plan:

1. All levels to be accessible, except for service spaces
2. Corridors to have clear width of 1600 mm min; or clear width of 1100 mm min with 1800 mm x 1800 mm turning space every 30 m
3. Cross-corridor doors to be on hold-open
4. Ramps to be 900 mm wide minimum, maximum 1:12 slope, and guardrail and handrail on both sides. Top, mid and bottom landing to be minimum 1760 mm x 1760 mm. Guardrail to be 1070 mm high, and handrail to be between 865 mm to 965 mm high with adequate top and bottom extension.

Location	Current Condition	Proposed Work	Budget
First Floor			
Path of Travel/ Corridors	The first floor is on 3 different levels. The cafeteria is on the split level between first and second floor. There are 4 sets of cross corridor doors. They are double doors without centre posts and they are on magnetic hold open connected to the fire alarm. There are adequate clearances throughout the corridors.		
Stairs @ Main Lobby	The stairs have terrazzo treads and risers at 170mm high and 280mm deep. The treads have two 10mm wide black slip-resistant strips. Handrails are installed on both sides of the stairs at 950 mm high. The handrail is flat and 60mm wide. It is smooth and provides a continuous gripping surface. The space between the rail and the wall is 300 mm. It extends 140 mm at the bottom of the stairs. There is no tactile warning surface. There is a chair lift. The key height is 820 mm. The highest control is 920 mm. The lowest control is 760 mm.	Replace handrail and install tactile warning surface indicator at upper landing.	\$12,750
Stairs @ Library	The stairs have terrazzo treads and risers. The treads have two 10mm wide black slip-resistant strips. Handrails are installed on both sides of the stairs at 950 mm high. There is a chair lift. The key height is 820 mm. The control is 900 mm high. There is no tactile warning surface for the stairs.	Install tactile warning surface indicator at upper landing.	\$1,250
Ramp @ 106	The ramp is 950 mm wide. Handrails are installed on both sides. The handrails are 840 mm high, and extend 300mm at the top and bottom. There is no tactile warning surface. The slope is 7%.	Install tactile warning surface indicator at top of ramp & stairs.	\$4,000
Second Floor			
Path of Travel/ Corridors	The second floor is all on one level. There are no cross corridor doors or other obstructions. There is adequate clearance throughout the corridor.		

D. Elevator

Accessibility Plan:

1. All floor levels to be accessible, except for service spaces
2. Elevator to be full passenger elevator type
3. Elevator controls inside and outside of elevator to be accessible

Location	Current Condition	Proposed Work	Budget
Elevator	The door opening is 830mm clear, swing type. The distance to obstacle at pull side is 610mm. The control key switch is 900mm high. The door opens automatically with key control. The elevator is 820mm wide and 1520 mm long. The top of the control button is 1170 mm high. They do not have signage. There is a handrail. It is 830 mm wide.	Widen door way for full passenger elevator door. Replace existing LULA elevator with full passenger elevator. Widen elevator shaft and machine room.	\$220,000

E. Administration:

Accessibility Plan:

1. Main office to have barrier free entrance with an automatic door operator
2. At least one office to be accessible
3. Reception counter to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The entrance from the corridor has a double door with a centre post. Each door is 775mm clear. There is an automatic door operator. The button is opposite across from the doors in the office. Doors within the office are 720mm clear.	Widen door opening to corridor for new barrier free doors and frame. Widen one office door to a barrier free door.	\$7,000
Path of travel	The narrowest path of travel to the reception desk is 1070mm. The interior corridor is 1490mm wide. The waiting area is 4300mm wide and 5560mm long. There is ample seating for wheelchairs.	Relocate millwork desk to allow a wheelchair to pass between. Recommend a minimum clear distance of 1400 mm.	\$750
Reception counter	The working surface is 770 mm high. There is a plexi-glass protector on the edge of the desk. There is no knee space but there is sufficient space for a side approach.		

F. Student Services and Resource:

Accessibility Plan:

1. Student Services to have barrier free entrance
2. At least one office to be accessible
3. Reception counter to be accessible
4. Student work stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The Student Service door is 890 mm clear. The Resource Room door is 1000 mm clear. They do not have clearance at pull side. Doors within the offices are 840 mm clear.	Add door operators. Widen one office door to barrier free door.	\$11,500
Path of travel	The hallway between student service and resource is only 800 mm wide.	Accessible from corridor.	
Counter	The reception desk has both high and low counter. The low counter is 740 mm high. There is no knee space but a side approach is possible.		
Student workstation	Student desks and computer stations are loose furniture at various heights.		

G. Library

1. Library entrance to be barrier free entrance with an automatic door operator
2. Library to have 1100mm wide barrier free path throughout
3. Reception counter to be accessible
4. Computer stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The entrance is a double door without a centre post. Each door is 860 mm clear. The security gate into the library is 900 mm clear. The gate exiting the library is 930 mm clear. An automatic door operator is installed.		
Path of travel	The aisles between stacks are 970 mm wide.	Relocate stacks to have 1100 mm clear throughout.	\$2,500

Reception desk	The working surface is 750 mm high and 640 mm deep. There is no knee space, but there is sufficient space for a side approach. The book drop has an opening that can be used with one hand. The opening is 920 mm high.
Computer station	The computer stations are loose furniture with or without lowered keyboard tray. Many of them are on wheels.

H. Gymnasium & Fitness Room

Accessibility Plan:

1. Gymnasium to have one barrier free entrance with an automatic door operator

Location	Current Condition	Proposed Work	Budget
Gym #1/2/3	The main double door to Gym #1 is 720mm clear. The door to Gym #2 is single and 790mm clear. The door to Gym #3 is single and 790 mm clear. The door between Gym #2 and Gym #3 is an 810 mm clear double door without a centre post. The gym floor is 70 mm higher than the corridor and the threshold slope is steep.	Widen doors to Gym #1, and Gym #3. Install automatic door operators. Ramp up to the door from the corridor at a slope not exceeding 1:20.	\$39,500
100 Fitness Centre	The door is 820 mm clear. It is recessed from the corridor. The entrance alcove is 1050 mm wide with no clearance at pull side.	Remove entrance alcove and install a new door with an automatic door operator.	\$13,000

I. Auditorium

1. Auditorium to have barrier free access to seating area
2. Stage to be accessible
3. Seating to have 3% designated wheelchair space, and 5% designated adaptive seating
4. Auditorium to have assistive listening device

Location	Current Condition	Proposed Work	Budget
Door	The main double door is 790mm clear. It leads to stairs to the auditorium seating. The door for the barrier free path from the stair lift is 780 mm clear. An automatic door operator is installed. The door to the backstage area is 850mm clear. The hallway in the backstage area is 1050 mm wide.	Widen barrier free door to seating area. Reuse door operator. Install swing clear hinges with an automatic door operator for the door to backstage.	\$12,750

Path of travel	The aisles range between 1340 mm to 3500 mm wide, with 7% slope. The stage is large. It has a yellow paint line at the edge. The stairs from the back stage area to the seating area have treads that are 190 mm high and 250 mm deep. The handrail is 60 mm wide. It is 70 mm from the wall.	The slope is adequate for a ramp. However, installing a railing is not practical. People in wheelchairs may require assistance going down the ramp.	
Seating	There are a total of 521 seats. There is no adaptable seating available. Fixed seating is installed. Fixtures and furniture do not obstruct the view. The current location for wheelchair view is behind and in front of the fixed seating. There is a large open area in front and behind fixed seating.	Install 26 adaptive seating in the front and back row. Leave spacing for wheel chairs. Remove 8 seats in front rows for wheel chairs.	\$9,600
P/A system	There is no assistive listening device.	Install new assistive listening device.	\$4,500

J. Cafeteria

Accessibility Plan:

1. Cafeteria to have barrier free entrance
2. Servery to have barrier free path of travel throughout; doors to be on hold open during operation hours

Location	Current Condition	Proposed Work	Budget
Door	The entrance has a double door with a centre post. Each door is 810mm clear. It is propped open. The door into the servery from corridor is 840mm clear. The door exiting the servery to the cafeteria is 810 mm wide.	Widen doors and install hold open devices connected to the fire alarm.	\$4,500
Path of travel	The cafeteria tables are loose furniture. The table surface is 760 mm high. Knee space is 670 mm high and has ample depth.		
Servery	The clear space in front of the service counter is 1300 mm wide. The tray slides are 850 mm high. The serving shelves are 1440 mm high. The reach to the shelves is 1000 mm. The aisle at the cashier is 1240 mm wide.		

K. Classrooms

Accessibility Plan:

1. At least one of each specialty classrooms to be accessible (i.e. one of two Chemistry rooms)
2. At least one typical classroom in each wing to be fully accessible (each wing to be a grouping of classrooms up to 8 rooms)
3. Accessible rooms to have at least one barrier free workstation, and all boards to be accessible.
4. Accessible rooms with closer to have automatic door operators

Location	Current Condition	Proposed Work	Budget
Typical Classroom/ Computer rooms	The doors are 840mm clear, with knob handles and small glazing at head level. The interior entrance way is 1040 mm wide. There is no clearance at pull side. There are recessed closets beside the doors. The bottoms of the boards are at 915mm high, and some are accessible. There are smart boards in many classrooms. The light switch is at 1170 mm high, and thermostat is at 1565 mm.	Install swing clear hinges and remove recessed closet with doors and walls. Remove low shelving in front of black & white boards. (recommend 7 rooms total)	\$54,250
104 / 106 Construction /Transportation Technology	The doors are 830 mm clear. Construction Tech has a 1060 mm doorway in corridor with no clearance on latch side. The control switches are at 1575 mm. The classroom floor area is leveled, with mezzanine storage. There is a foot paddle wash fountain. Work benches are at 850mm high. Blackboards are accessible.	Install swing clear hinges with automatic door openers. Install new barrier free wash fountain with automatic sensor.	\$31,000
108 Communication Technology	The door is 840mm clear with 530mm clearance at pull side. The bottom of the blackboards is at 970mm high and accessible. Computer stations are loose furniture. Editing suites have a fixed 740 mm high desk.	Install swing clear hinges with an automatic door operator. Retrofit one editing suite with swing clear hinge and adjustable height desk.	\$12,250
109/111 Music	The door is 850 mm clear with 530 mm clearance at pull side. Practice rooms have 840 mm clear doors. The switches are at 1400 mm. The room is leveled and open with perimeter counter and storage units. The bottom of blackboards is 960mm high and accessible. The deep instrument washing sink is not barrier free. Room109 has mezzanine storage.	Install swing clear hinges, remove 1 locker and relocate locker nib walls for each Music Room. Replace one practice room door in each music room with swing clear hinges.	\$10,000

110/ 114/ 135/ 141/ 217 Science Labs	The doors are recessed in the corridor. The doors are 840 mm clear. The alcove is 1067 mm wide with no latch side clearance. Bottoms of blackboards range from 900 mm – 1000 mm high. Room 135 and 141 do not have accessible boards. The lab benches are 1020mm high. There are no barrier free workstation and sink. Room 114 has a bench section that is adjustable to 810 mm. Aisles are 1150 mm wide. Minimum path of travel is 820 mm at perimeter benches.	Install swing clear hinges with automatic door operators. Install 1 barrier free station with sink for each pair of science room. (3 total)	\$35,000
118/120 Family Studies	The door is 890 mm clear. The interior entrance way is 1070mm wide. The door opening to the sewing room is 840 mm clear. The room has perimeter kitchen counters with sink. The counters are 920mm high. The stoves have back mounted controls. Sewing Room - The work stations are 770 mm high x 760 mm deep. The bottom edge is 720 mm high. The clear space under the desk ranges between 260 mm - 650 mm deep. The aisles are 1060 mm between counters.	Install an automatic door operator to Room 118. Install 1 barrier free counter with sink. Install swing clear hinges for doors to Sewing room. Remove 2 sewing stations in the middle row, so the front workstations have wheelchair clearance.	\$7,250
119/ 121 Drama	The door is 840 mm clear. The interior entrance way is 1070 mm wide. The room is open with accessible blackboards and loose furniture.	Room 119: Remove the door, 3 lockers and relocate locker nib walls. Install new 950 mm door.	\$11,000
229/ 230 Art	The doors are 840 mm clear. The interior entrance way is 1070mm wide. The bottom of the blackboards is at 950mm high and accessible. The counter and sinks are at 900mm high with cabinets below.	Rm229 - Install an automatic door operator. Install 1 barrier free counter with sink.	\$11,000

L. Student Washrooms

1. Student washrooms to have a barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
2. Male student washrooms to have a barrier free wall mounted urinal with rim lower than 430 mm high and grab bars both side; flush control to be lower than 1200 mm high
3. Student washrooms to have one barrier free lavatory
4. One soap dispenser & hand dryer to be between 900mm – 1200 mm high
5. One mirror to be at 1000 mm high maximum
6. Washrooms to have 1100 mm unobstructed path throughout
7. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front
8. Washrooms to have no doors or doors with automatic door operator

Location	Current Condition	Proposed Work	Budget
Boy WR (near 130 & 230)			
Door	Door is 890 mm clear with automatic door operator.		
Toilet stall	The stall is 1750 mm wide x 1450 mm long. Door is 860 mm clear. The toilet has a lid. The seat is 430 mm high. The clear space beside the toilet is 1130 mm wide. There is a horizontal grab bar behind toilet and an L-shape grab bar beside the toilet. The flush controls are not on the transfer side. The toilet paper holder is wall mounted. It is operable with one hand. The control is 830 mm high. The reach to it is 500 mm.	Relocate the L-shape grab bar, the toilet paper. Install sanitary napkin disposal and coat hook. Reinstall flush valve.	
Urinal	There are 6 wall mounted urinals with rim at 600 mm high. There are no grab bars. The clear space in front of one urinal is 750 mm wide and 260 mm long.	Relocate 1 urinal. Install grab bars.	
Sink	There is a barrier free wash fountain with automatic sensor.		
Accessories	The soap dispenser is wall mounted above the sink. It is operable with one hand. The control is 1190 mm high. The hand dryer is wall mounted. It is operable with one hand. The control is 1160 mm high. The bottom edge of mirror is 1200 mm high. It is installed vertically.	Install 1 mirror at low level.	
Clearance / Path of Travel	The clearance space within the washroom adequate.		\$5,000

Girl WR (near 130 & 230)		
Door	The door is 840 mm clear. There is an automatic door operator.	Install swing clear hinges.
Toilet stall	There are 5 regular stalls and 1 barrier free stall that is 1680mm x 1410 mm. The stall door is 860 mm wide. The toilet has a lid, and the seat is 430mm high. There is a horizontal grab bar behind the toilet. The L-shape grab bar is at 620mm above floor and 700mm in front of the toilet. The toilet paper dispenser is at 840 mm high. Sanitary disposal is at the back wall at 840 mm high. There is no coat hook.	Relocate the L-shape grab bar, toilet paper dispenser and sanitary napkin disposal. Install a coat hook.
Sink	There is a barrier free wash fountain with automatic sensor	
Accessories	The soap and paper towel dispensers are wall mounted. They are at 1160 mm high. The automatic hand dryer is wall mounted at 1100 mm high. The tampon dispenser is wall mounted. The coin slot is 1300 mm high. The dispenser is 1120 mm high. The bottom edge of mirror is 1190 mm high. It is installed horizontally.	Install 1 mirror at low level.
Clearance / Path of Travel	The clearance space in front of the stalls is adequate.	
Girl WR (near 131)		
Door	The door is 880 mm clear.	
Toilet stall	There are 4 regular stalls and one barrier free stall that is 1840 mm wide x 1440 mm long. The door is 890 mm clear. The grab bar behind the toilet is 640 mm long. It is 870 mm high. There is a horizontal grab bar beside the toilet. It is 640 mm long and 870mm high. The toilet paper dispenser is wall mounted in front of the grab bar at 690 mm high. The toilet is 390 mm high and has a lid. The flush control is on the transfer side. Clear space beside the toilet is 1170 mm wide. There is no coat hook. The sanitary disposal is installed at the back wall at 1200mm high.	Install new L-shape grab bar. Relocate toilet paper and sanitary disposal. Install coat hook.
Sink	There is a barrier free wash fountain with automatic sensor	
Accessories	The soap dispenser is wall mounted above the sink at 1040 mm high. The paper towel dispenser is at 1880 mm high. The bottom edge of mirror is at 1220 mm high.	Install 1 mirror at low level.
Clearance / Path of Travel	The clearance in front of toilet stalls is 2600 mm.	
\$750		

M. Student Change Rooms:

1. All student change rooms to be accessible.
2. Change rooms with washrooms to have one barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
3. Change rooms with shower facility to have one barrier free shower with 1500 mm x 900 mm clearance, shower seat with L grab bar, barrier free shower fixture and recessed soap dish
4. At least one lavatory to be accessible
5. At least one soap dispenser & hand dryer to be between 900 mm – 1200 mm high
6. At least one mirror to be 1000 mm high from floor maximum
7. Change rooms to have 1100 mm unobstructed path throughout and 860mm clear doorways.
8. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front

Location	Current Condition	Proposed Work	Budget
Boys Change Room			
Door	The door to the change room is 790 mm clear. There is a vestibule connecting to the washroom and change room. The opening to the washroom is 880 mm wide. The door into the gym is 810 mm, with a 75mm step.	Widen doors to corridor and gym. Install automatic door operators. Slope floor to gym with 1:20 maximum slope.	
Toilet stall	There is one barrier free toilet stall. The stall is 1720 mm wide x 1450 mm long. The door is 860 mm clear. The toilet paper holder is at 890 mm high. The grab bar behind the toilet is 640 mm long. It is 880 mm high. The angled bar in front of the toilet is 780 mm long. The midpoint is 1030 mm high. The coat hook is mounted on the back of the stall door. It is at 1570 mm high.	Remove and install new toilet partition for wheelchair turning clearance. Install new horizontal and L-shape grab bar. Relocate toilet paper, sanitary disposal, and coat hook.	
Urinal	There are 6 floor mounted urinals. The clear space in front of one urinal is 750 mm wide x 1020mm long. There is an automatic flushing system.	Remove and install 1 wall mounted urinal with grab bar.	
Sink	There is a foot controlled wash fountain and a sink. The sink is 860 mm high. Knee space is 730 mm high and 270 mm deep. The clear space in front of the sink is 1650 mm wide and 1150 mm long. The pipes are not insulated or recessed. The sink has knob faucets. The reach to the faucets is 600 mm.	Replace with lever faucet.	

Shower	There is an open shower area. It has a 120 mm high threshold at the entrance. The controls are 1300 mm high with 1 recessed soap dish.	Replace one shower with barrier free faucets with folding seat. Remove threshold. Create gentle slope up to new trench drain at doorway.	
Accessories	The bottom edge of mirror is at 1490 mm high. The soap dispenser is above the foot operated sink at 1240 mm high. The hand dryer is wall mounted at 1150 mm high. Coat hooks in the changing area range between 1630 mm - 1680mm high.	Install a mirror, a soap dispenser and 3 coat hooks at accessible heights.	\$16,500
Clearance / Path of Travel	The interior corridor to the gym is 1100mm wide.		
Girls Change Room			
Door	The door to the change room is 820 mm clear. There is a vestibule connecting to the washroom and change room. The opening to the washroom is 880 mm wide. The door into the gym is 810 mm, with a 75mm step.	Widen doors to corridor and gym. Install automatic door operators. Slope floor to gym with 1:20 maximum slope.	
Toilet stall	There are 2 regular stalls and 1 barrier free stall. The stall is 1820 mm wide x 1420 mm long. The door is 860 mm clear. The clearance in front of the barrier free stall is 1400 mm. The toilet has a lid top. The seat is 440 mm high. The flush controls are on the transfer side. The grab bar behind the toilet is 640 mm long and 880 mm high. The angled bar beside the toilet is 800 mm. The midpoint is 1000 mm high. The toilet paper dispenser is mounted on the stall wall in front of the toilet. It is at 650 mm high. The coat hook is mounted on the wall beside the door at 1450 mm high. The sanitary napkin disposal is wall mounted under the coat hook at 880 mm high.	Relocate barrier free stall door & partition. Install new L-shape grab bar. Relocate toilet paper dispenser, sanitary napkin disposal and coat hook.	
Sink	The sink is 840 mm high. Knee space is 720 mm high and 300 mm deep. The clear space in front of the sink is 920 mm wide. The pipes are recessed. The sink has long levered faucets. They are labeled with red and blue.		

Shower	The shower area has a 120 mm wide threshold. There are 2 shower stalls. The entrance to the shower stall is 440 mm wide.	Remove all shower partitions. Install one regular show stall with faucets, curtain; and one barrier free shower with faucet, recessed soap holder, seat, coat hook and curtain. Remove threshold and slope floor, and install new drains.	
Accessories	The soap dispenser is wall mounted above the sink. It is at 1230 mm high. The automatic hand dryer is wall mounted at 1100 mm high. The sanitary napkin dispenser is wall mounted at 1330 mm high. The bottom edge of mirror is 1420 mm high. It is installed vertically. Coat hooks are 1620 mm high in the dressing room.	Relocate soap dispenser. Install a new mirror and coat hook at accessible heights.	
Clearance / Path of Travel	Aisles between the benches are 1020 mm wide. The clearance in front of the barrier free stall is 1400 mm.	Remove centre bench for accessible bench	\$21,500
Boys Change Room (to Gym#3 - grade 7 and 8)			
Door	The door is 840 mm clear. It has a lever handle. The corridor to the change room is 1090 mm wide. The openings in the change room range between 990 mm wide.	Change door to swing clear door and install automatic door operator.	
Toilet stall	There is 1 non-barrier free stall	Remove existing stall, toilet and urinal. Re-partition existing washroom area as one large barrier free stall. Install new toilet with back support, grab bar, toilet paper holder, napkin disposal, coat hook, mirror, and shelf.	
Urinal	The urinals are wall mounted. The rims are 610 mm high. It has a privacy screen. The width between the partitions is 630 mm wide. The clear space in front of one urinal is 630 mm wide x 1200 mm long. The flush control is 1350 mm high.		
Sink	The clear space in front of the sink is 1350 mm wide x 1140 mm long. Knee space is 600 mm high x 230 mm deep. The pipes are not insulated or recessed. The sink has long levered faucets. The reach to the faucets is 600 mm.		
Accessories	The soap dispenser is wall mounted above the sink. It is operable with one hand. It is 1140mm high. The reach to it is 600 mm. The paper towel dispenser is wall mounted. It is operable with one hand. The control is 1260 mm high. The bottom edge of mirror is 1190 mm high. It is installed vertically. It is mounted above the sink.		

Shower	The shower area is open. There is a 20 mm lip to the open shower area.	Replace one shower with barrier free faucets with folding seat. Slope floor 1:20 to meet threshold.	\$17,250
Clearance / Path of Travel	Paths of travel range between 1190 mm - 1340 mm wide.		
Girl Change room (to Gym#3 - grade 7 & 8)			
Door	The door is 840 mm clear.	Install swing clear hinges and install automatic door operator.	
Toilet stall	There are 2 regular stalls.	Remove existing partition and toilets. Install new barrier free stall, toilet with back support, grab bar, toilet paper holder, napkin disposal, coat hook, and shelf.	
Accessories	The soap dispenser is at 1100 mm high. There are no hooks. The shelves are 1640 mm high. The mirrors are at 1200 mm and 550 mm high.		
Sink	The sink is 800 mm high. The sink has long levered faucets. They are labeled with red and blue.		
Shower	There are 4 shower stalls. The stall is 750 mm wide.	Remove 2 shower stalls with faucets. Install 1 barrier free faucet with a folding seat, recess soap dish, a coat hook and a curtain.	
Clearance / Path of Travel	The privacy screen added to the shower area impedes path of travel with clear distance to benches only 415mm. The path in the bench area is 1090mm wide.	Remove bench near privacy screen for safety of egress.	\$17,250

N. Universal Washroom

Accessibility Plan:

1. One universal washroom to be provided
3. Universal washrooms to have barrier free doors with automatic door operators, 1700 mm turning radius and space for adult change table
4. Toilets to have wheel chair transfer space, back support, back and side grab bar, toilet paper dispenser and napkin disposal complying with OBC
5. Sinks and faucets to be barrier free
6. Mirrors to be 1000 mm high max, or tilted.
7. Soap dispenser, hand dryer, coat hook, shelf and paper towel dispenser to be between 900 mm – 1200 mm high.
8. Light control to be on motion sensor
9. Universal washroom to have emergency call system with audible / visual device and emergency sign.

Location	Current Condition	Proposed Work	Budget
Barrier free washroom in Nurse Room - new designated universal washroom			
Door	The door to the nurse's room is 840 mm clear, and opens in. The door to the washroom is 840 mm clear. The hallway is 1020 mm wide.	Remove the door to the corridor and widen hall way. Install new swing clear door with automatic door operator for washroom. Install swing clear hinges for nurse room.	
Toilet	The toilet has a lid top. The clear space beside the toilet is 1050 mm. The seat is 440 mm high. The flush control is on the transfer side.		
Sink	The sink is 830 mm high. Knee space is 710 mm high x 300 mm deep. The clear space in front of the sink is 1000 mm wide. The pipes are recessed. The sink has long levered faucets. They are labeled with red and blue.		
Accessories	The toilet paper dispenser is installed at the back wall 800mm high. The grab bar behind the toilet is 640 mm long and 890 mm high. The angled bar beside the toilet is 800 mm long. The midpoint is 920 mm high. Sanitary napkin disposal is at the back wall. Soap dispenser is at 900 mm high, and paper towel dispenser is at 850mm high. The bottom edge of mirror is at 940 mm high. It is mounted above the sink.	Install new L-shape grab bar, and coat hook. Relocate toilet paper dispenser, sanitary napkin disposal.	

Clearance / Change Table	The washroom is 4060 mm wide x 3220 mm long.		
Emergency call system	There is no emergency call button. There is a button for the PA system. It is far from the toilet.	Install emergency call system.	
Lighting	The light control is by manual switch	Install motion sensor switch.	\$9,000
Single washroom (between staff washroom 2nd floor) - new barrier free gender neutral washroom			
Door	The door is 740 mm clear. It opens inwards. It has gravity hinges. It can be locked with one hand. It can be released from the outside. It has knob handles.	Widen doorway for new barrier free door with no closer.	
Toilet	The toilet does not have back support. The clear space beside the toilet is 1000mm. The seat is 400mm high. The flush control is not on the transfer side. The toilet paper holder is wall mounted. It is operable with one hand. The control is 800mm high. The reach to it is 600 mm. The sanitary napkin disposal is wall mounted beside the toilet paper holder. It is at 970 mm high.	Install new toilet with back support, grab bars, toilet paper holder, and napkin disposal.	
Sink	The sink is 800 mm high. Knee space is 620 mm high and 240 mm deep. The clear space in front of the sink is 1000 mm wide. The pipes are recessed. The sink has knob faucets.	Install a new barrier free sink with auto sensor faucet.	
Accessories	The soap dispenser is wall mounted above the sink, at 1050 mm high. The reach to it is 460 mm. The paper towel dispenser is at 1240 mm high. The reach to it is 720 mm. The bottom edge of mirror is 1320 mm high. It is mounted above the sink.	Relocate paper towel dispenser and mirror. Install shelf and coat hook.	
Clearance / Change Table	The washroom is 1920 mm wide and 3050 mm long. The width with a storage table is 780 mm. The width without a storage table is 1250 mm.	Remove storage table.	
Emergency call system	There is no emergency call system available		\$8,500

O. Staff Workrooms

Accessibility Plan:

1. Access to common staff area to be barrier free.
2. Other accommodation will be tailored to specific requirement when needed.

Location	Current Condition	Proposed Work	Budget
Staff Room	There are 2 doors to the Staff Room. The door is 800 mm clear. There is not enough clearance at pull side. Corridor is 1300 mm wide. The staff room is open with loose furniture and perimeter counter and sink. There is non-barrier free male and female washroom off the interior corridor	Widen 1 door and install an automatic door operator.	\$9,000
Work Rooms	The door is 840 mm wide. Most workrooms have interior entry way similar to classrooms.		

P. Building Wide Components:

Accessibility Plan:

1. All public area to be barrier free.
2. Barrier free rooms to have barrier free doors that are 860 mm clear.
3. All doors to have lever handle, with the bottom of the glazing to be maximum 900 mm high
4. At least one barrier free drinking fountain to be provided on each floor
5. Visual and audio fire alarm to be installed in public areas, corridors, and classroom with high noise levels
6. Controls such as light switch, equipment control, thermostats are not controlled by the student. Specific provisions will be considered on a case-by-case scenario.
7. Braille signage to be provided at 1500 mm high, and pictorial signs to be provided for all barrier free washroom & change rooms
8. Public and student area to have adequate light level

Location	Current Condition	Proposed Work	Budget
Doors	Most doors in school do not have 860mm clear width. Many doors have a knob handle and the small glazing on the door is high around 1200mm-1500mm. Typical rooms have an alcove doorway in the corridor side or room side. The typical doorway is around 1050 mm with no clearance at pull side. The entrance vestibules do not have enough room between doors for wheel chair turning. Many exterior doors have a plate handle.	Replace all knob handles with lever handles. Replace doors with small high glazing with glazing starting at 900mm high max.	\$37,500

Drinking Fountain	There are many drinking fountains at the ground and second floor corridors. There is a drinking fountain with bottle filler outside of Room 232. There are no barrier free drinking fountains.	Lower the drinking fountain with bottle filler to barrier free height. Replace a drinking fountain on the ground floor with new barrier free drinking fountain with bottle filler	\$4,300
Fire alarm system	The fire pull is 1230 mm high. There are audio and visual alarms in corridors, music rooms and technology shop areas.		
Light Level	The overall light level in the school is adequate.		
Controls	Most classroom switches are at 1170 mm high. Some light switches are 1500 mm. Shop controls are at 1575 mm high. Thermostats are at 1400 mm high.		
Signage	There is no tactile or Braille signage in school. Signs use Arabic numbers that are 30 mm high. Signs are white lettering on green background. Signs are mounted above the door. They are 2200 mm high.	Remove existing signage. Install new room signage with braille and pictorial signs for all public rooms. Install new pictorial signs for barrier free washrooms and change room facilities.	\$11,440

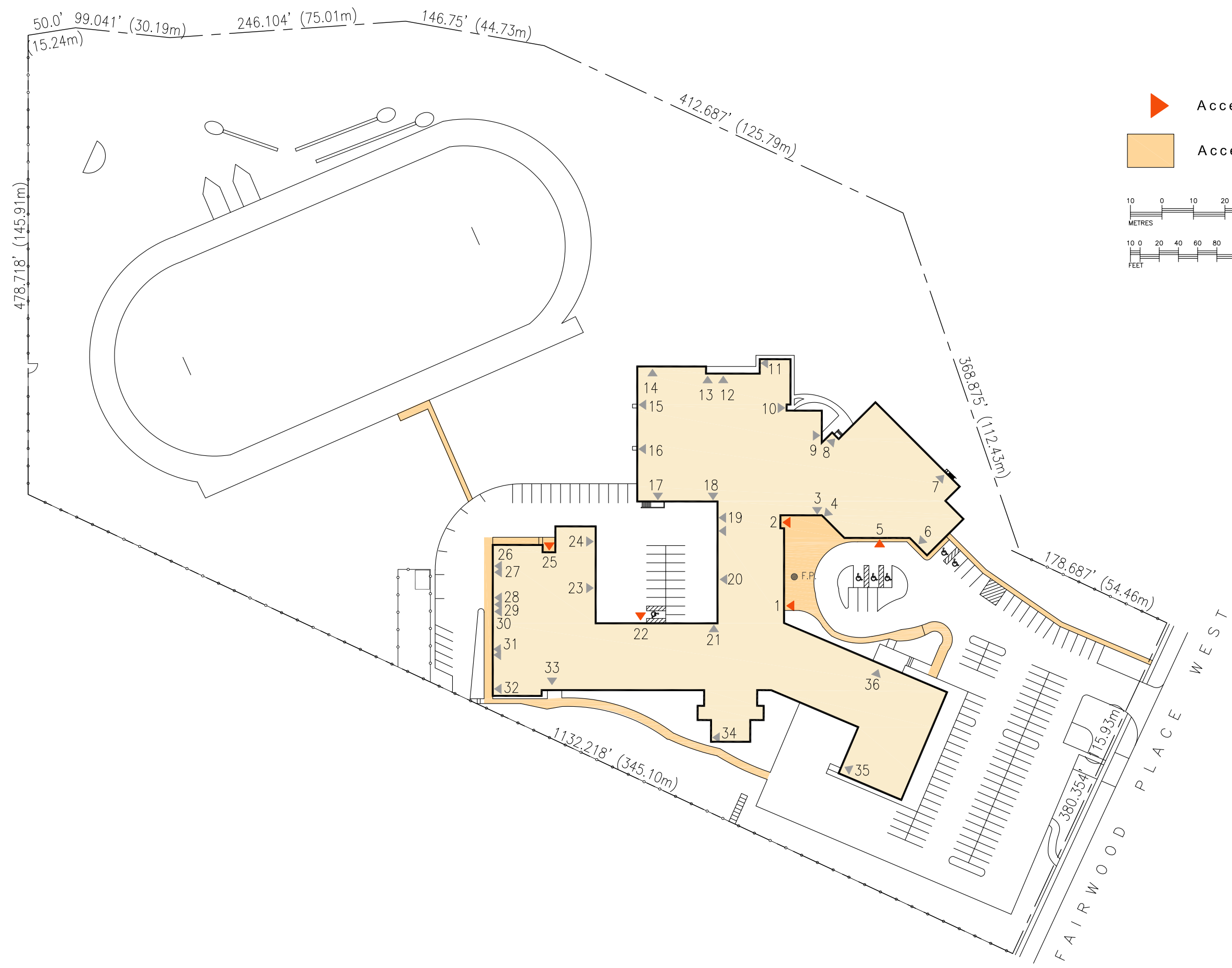
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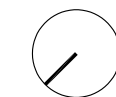
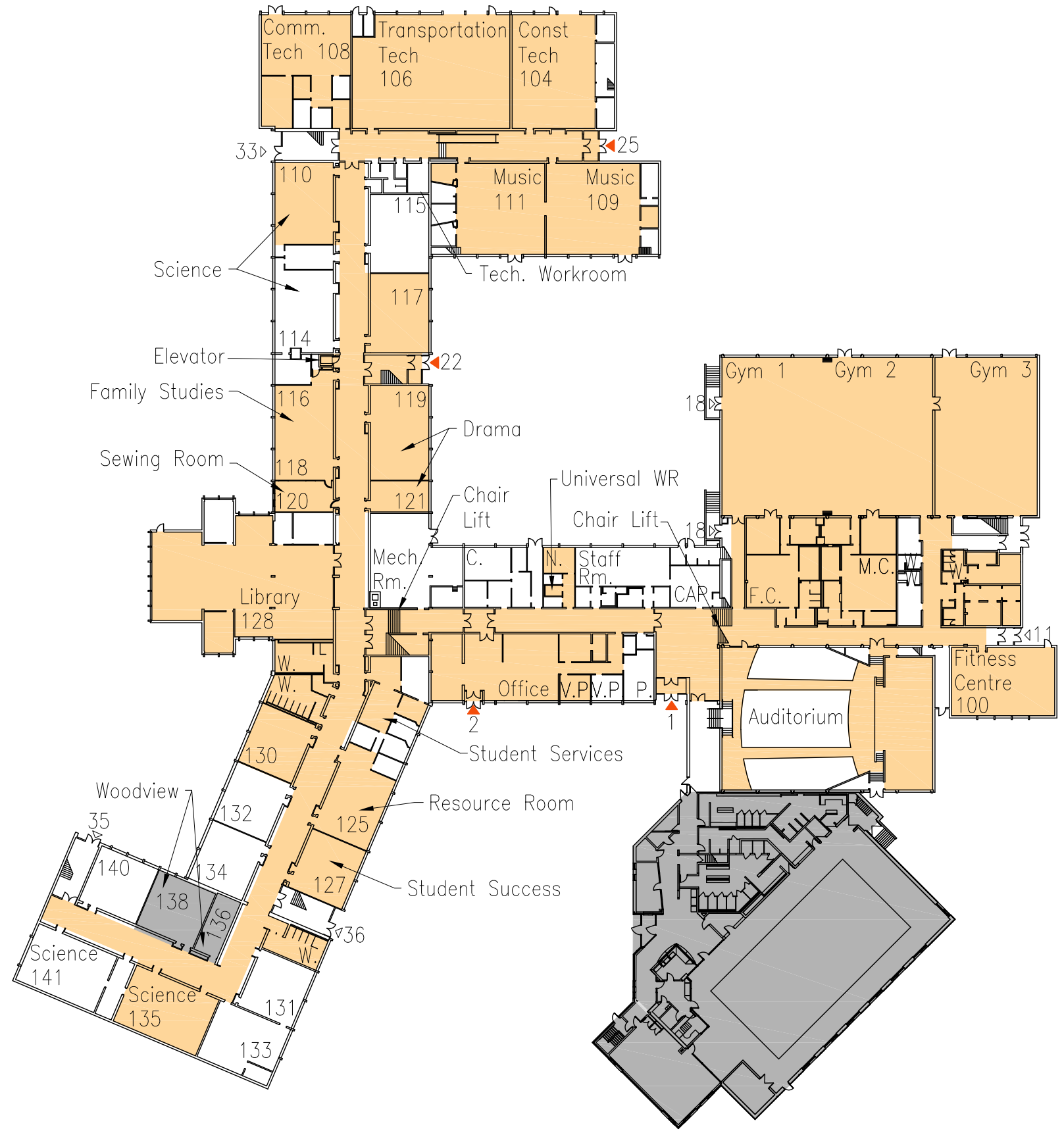
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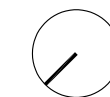
Remediation for Designated Substances	12%	\$112,460
General Conditions, and Overhead & Profit	20%	\$187,443
Design and Permit Fees	15%	\$140,575
Budget Contingency	20%	\$187,433

HST not included

TOTAL		\$1,565,066
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Halton District School Board Facility Audit for Accessibility

February 8, 2017

BURLINGTON CENTRAL HIGH SCHOOL

SITE ACCESSIBILITY

A. Parking:

Accessibility Plan:

1. 4% of parking stalls to be barrier free
2. Barrier free stall to be equal number of van (3400mm wide) and car (2400mm wide) type barrier free space with 1500mm aisles
3. Barrier free stalls to have sign post

Location	Current Condition	Proposed Work	Budget
Barrier free stalls	There are 119 parking spaces including one barrier free parking space. It is 3420 mm wide x 5150 mm long. It is beside the entrance walkway. The parking space is located at the shortest and most convenient route to the entrance. It is located where entering and exiting the vehicle will not be obstructed by protruding objects.	4 additional barrier free parking stall is required. Repaint and add 3 barrier free stalls with walking aisle to the right of Entrance #5. Add 1 barrier free parking with walking aisle at Entrance #19	\$1,200
Signage	The sign is mounted on the wall. It is 1910 mm high. It is compliant to the Ministry of Transportation. A wheelchair symbol is painted near the middle of the space.	Install sign posts and painted signal for new barrier free stalls.	\$1,000

B. Pathway:

Accessibility Plan:

1. All pathways to be 1500mm min, except at curb ramp
2. Pathway to have minimum 1:20 slope
3. Barrier free parking & crossings to have curb ramps with 1200mm minimum width, and 1:10 maximum slope
4. Curb ramps to have 610mm wide tactile walking surface indicator

Location	Current Condition	Proposed Work	Budget
Walkway to Main Entrance (#1) From Baldwin Street	The loop concrete walkway is 1500mm wide. It is leveled and it connects to a flight of stairs to the main school entrance. The upper landing is spacious	Refer to new ramp below.	
Walkway to Entrance #2 from Baldwin Street	The concrete walkway to Entrance #2 is 1700mm wide. The walkway is leveled but there is a step up to a large concrete pad in front of the entrance.	Slope walkway up to entrance pad at 1:20 slope max.	\$2,000
Walkway to Entrance #30 from Baldwin Street	The walkway to Entrance #30 is 2200mm wide. It is leveled and accessible to the entrance doors. It also connects to the driveway without a curb.	Install tactile walking surface indicators for driveway crossing.	
Walkway to the sports field	The asphalt walkway to the sports field is 2400mm wide with a bollard. It slopes down to the driveway. The sidewalk to the building has been repaired with an asphalt patch for the curb cut. The curb cut is very wide but uneven. The sidewalk is 3050mm wide.	Repave 3050x3050mm sidewalk directly across from field walkway for proper curb cut with tactile walking surface indicator.	\$2240

C. Ramp:

Accessibility Plan:

1. Slope over 1:20 is considered a ramp. Ramps to have a maximum slope of 1:15
2. Ramps to be 900mm wide minimum
3. Ramp landings at top, middle and bottom to be 1670mmx1670mm minimum
4. Ramps to have tactile warning surface indicator at the top.
5. Ramps to have guardrails and hand rails both sides, complying with OBC
6. Ramps to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Main entrance (#1)	The front stairs have no handrail, guardrail, tactile walking surface indicator, or abrasive/visually contrasting nosing.	Install a 20m switch back ramp to the right of the stairs, including handrails, guardrails, tactile walking surface indicator at upper landing.	\$54,000

D. Stairs:

Accessibility Plan:

1. Stairs to have maximum 180mm riser, and minimum 280mm tread
2. Stairs to be 900mm wide minimum
3. Stairs landing at top, middle and bottom to be 1670mmx1670mm minimum
4. Stairs to have tactile warning surface indicator at the top of the stairs
5. Stairs to have to have intermediate rail if it is wider than 2200mm
6. Treads to have non-slip, high contrast marking at nosing

Location	Current Condition	Proposed Work	Budget
Stairs @ Main Entrance (#1)	The front stairs have no handrail, guardrail, tactile walking surface indicator, or abrasive/visually contrasting nosing.	Install handrails, guardrails, tactile walking surface indicator at upper landing and abrasive/visual strip at nosing.	\$19,200
Entrance #19	There is a large covered walkway with 2 steps down to the drive way. The steps are flanked by a wall & a column. There is no handrail, tactile walking surface indicator, or abrasive/contrasting nosing.	Install wall and intermediate hand rail. Install tactile walking surface indicator and abrasive/visual nosing strip.	\$6,100
Entrance #26	There are 3 steps down to the driveway right outside of the entrance. There is no handrail, guardrail, tactile walking surface indicators, or abrasive / contrasting nosing strip.	There is no space available for a proper upper landing. Install tactile walking surface indicators inside doors. Install side and intermediate handrails and abrasive / visual nosing strip.	\$7,500

BUILDING

A. Entrance and Vestibules:

Accessibility Plan:

1. 50% of entrances to be barrier free with door operators and ramp access, including the main entrance
2. Space within vestibules to accommodate wheel chair outside of door swing.
3. Door opening to be 860mm clear. Bottom of glazing in door to be lower than 900mm.

Location	Current Condition	Proposed Work	Budget
Main Entrance (#1)	The exterior doors are 1020mm clear. The vestibule doors are 986mm clear. The vestibule is 1853mm clear. It is at mid landing level between first and 2nd floor.	Remove vestibule doors and install an automatic door operator.	\$11,500
Entrance # 2	The exterior doors with sidelights are 785mm clear with a centre post. There is no vestibule. This is the main door leading to cafeteria and auditorium.	Replace doors with sidelight. Install an automatic door operator.	\$7,000
Entrance # 4	The exterior doors are 830mm wide; the corridor doors are 860mm wide. There is a large level path to sidewalk & curb cut to driveway.	This is not a barrier free entrance.	
Entrance # 5	The exterior doors are 760mm wide. There is no vestibule. The entrance connects smoothly to the parking lot and the barrier free parking space.	Replace doors with sidelight. Install an automatic door operator.	\$7,000
Entrance # 6	The exterior doors are 760mm clear. The corridor door is 790mm clear. The entrance connects smoothly to the parking lot. It is the designated delivery entrance.	This is not a barrier free entrance.	
Entrance # 8	The exterior doors are 725mm clear; the corridor doors are 840mm clear. There is a smooth path to the driveway.	This is not a barrier free entrance.	
Entrance # 9	The exterior doors are 740mm clear. The interior doors are 840mm clear. The vestibule is 2250mm deep. There is a step down to the walkway.	This is not a barrier free entrance.	

Entrance # 19	The exterior doors are 720mm clear. The vestibule doors are 890mm clear. The vestibule is 1780mm deep. There is a 100mm step down at door to a large covered landing with 2 steps to the driveway. The landing is leveled with the adjacent parking spaces. This entrance is directly across from Entrance #26.	Slope covered landing at max 1:20 to meet doors. Replace exterior doors with sidelights, and relocate vestibule doors. Install automatic door operators.	\$23,500
Entrance # 24	The exterior doors are 820mm clear. The vestibule doors are 710mm clear. The corridor doors are 790mm clear. The vestibule is 1775mm deep. The entrance slope down to asphalt court yard.	This is not a barrier free entrance.	
Entrance # 26	The exterior doors are 730mm clear. The corridor doors are 790mm clear. There are 3 steps down to driveway right outside of the doors.	This is not a barrier free entrance.	
Entrance # 30	The exterior doors are 890mm clear. The vestibule is 835mm clear. The vestibule is 1850mm deep. The entrance connects to driveway and sidewalk smoothly.	Replace and relocate vestibule doors with sidelights. Install automatic door operators.	\$23,500

B. Stairs:

Accessibility Plan:

1. Upper floor landings to have tactile warning surface indicator
2. Treads to have non-slip and visually contrasting strip at nosing
3. Stairs to have graspable handrail between 865-965mm high with 50mm clearance, and adequate top and bottom extension
4. Stairs to have guardrail at 1070mm high minimum
5. Stairs to have to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Stairwell @ Entrance # 1	The stairs have rubber treads with non slip texture. They are 160 mm high x 320 mm deep. Handrails are installed on both sides of the stairs at 820 mm high. The wood handrail is 60 mm wide. The clear space between the handrail and wall is 60 mm. The centre rail is on top of a solid wall. It extends at the bottom of the stairs on 2nd floor only. The lower flight is missing wall handrail. The nosing is 20 mm past the stair, and does not contrast in colour from the tread.	Install tactile walking surface indicators at top and mid (main entrance) landing. Install abrasive/visual nosing strip. The guardrail/ handrail does not meet current standards but do not present safety and accessibility concerns. Install chair lift on lower flight (East wall).	\$58,950

Stairwell @ Entrance # 2	The stair treads and risers are terrazzo, 180 mm high x 260 mm deep. Handrails are installed on both sides of the stairs at 960mm high. The wood handrail is 30 mm wide and 200mm tall. The clear space between the handrail and wall is 340 mm. It is continuous on the switchback. It does not extend at the top and bottom of the stairs. There are 2 black abrasive strips at each nosing. The pickets are 260mm apart.	There is no guardrail, and the handrail is not graspable. The pickets spacing are not compliant. Replace guardrail and handrail with pickets to current standards.	\$11,500
Stairwell @ Entrance # 4	The stair treads and risers are terrazzo, 180 mm high x 260 mm deep. Handrails are installed on both sides of the stairs at 960mm high. The wood handrail is 30 mm wide and 200mm tall. The clear space between the handrail and wall is 340 mm. It is continuous on the switchback. It does not extend at the top and bottom of the stairs. There are 2 black abrasive strips at each nosing. The pickets are 260mm apart.	There is no guardrail, and the handrail is not graspable. The pickets spacing are not compliant. Replace guardrail and handrail with pickets to current standards.	\$11,500
Stairwell @ Entrance # 6	The stairs have rubber tread and riser from 1st floor to 2nd floor. The treads have raised round and yellow warning strip at nosing. They are in poor condition. There are walls on both sides. The handrail is 70mm wide. The clear space between the handrail and wall is 30mm. The stairs from 2nd to 3rd floor have terrazzo treads and risers at 140 mm high x 340 mm deep. There are 2 black abrasive strips at nosing. Handrails are installed on both sides of the stair at 760mm high. The handrail is 30 mm wide. The clear space between the handrail and wall is 60 mm. One side is continuous on the landing. It does not extend at the top and bottom of the stairs.	Replace abrasive/visual strip for rubber treads. For the upper stairs, there is no guardrail, and the handrail is not graspable. The pickets spacing are not compliant. Replace with guardrail, handrail and pickets to current standards.	\$12,950
Stairwell @ Entrance # 8	The stairs have terrazzo treads and metal risers. The nosing is 25mm and there are 2 black abrasive strips. Handrails are installed on both sides of the stair at 815mm high. They do not extend at top and bottom of stairs. The pickets are 125mm apart. There is no tactile walking surface indicator.	Install tactile walking surface indicators at floor landings. The guardrail/ handrail does not meet current standards but do not present safety and accessibility concerns.	\$38,250

Stairwell @ Entrance # 24	The stairs have terrazzo treads and metal risers. The nosing is 25mm without abrasive/visual strip. Handrails are installed on both sides of the stair at 900mm high. They do not extend at top and bottom of stairs. There are no guardrails or pickets. There are 2 flat bar parallel to handrail. There is no tactile walking surface indicator.	Install abrasive/visual strip and nosing. Install tactile walking surface indicators at floor landings. Replace with guardrail, handrail and pickets to current standards.	\$42,600
Stairwell @ Entrance # 26	The stairs have terrazzo treads and metal risers. It is 940mm wide. The nosing is 25mm and there are 2 black abrasive strips. Handrails are installed on both sides of the stair at 875mm high. They do not extend at top and bottom of stairs. The pickets are 125mm apart. There is no tactile walking surface indicator.	Install tactile walking surface indicators at floor landings. The guardrail/ handrail does not meet current standards but do not present safety and accessibility concerns.	\$2,500
Stairwell near Entrance # 30	The stairs have terrazzo treads and metal risers at 160 mm high x 280 mm deep. The nosing is 25mm without abrasive/visual strip. Handrails are installed on both sides of the stair at 790mm high. The handrail is 60 mm wide. They do not extend at top and bottom of stairs. The clear space between the handrail and wall is 40 mm. There are 3 flat bar parallel to handrail, and pickets at 260mm apart. There is no tactile walking surface indicator.	Install abrasive/visual strip and nosing. Install tactile walking surface indicators at floor landings. Replace with guardrail, handrail and pickets to current standards.	\$42,600

C. Corridor

Accessibility Plan:

1. All levels to be accessible, except for service spaces
2. Corridors to have clear width of 1600 mm min; or clear width of 1100 mm min with 1800 mm x 1800 mm turning space every 30 m
3. Cross-corridor doors to be on hold-open
4. Ramps to be 900 mm wide minimum, maximum 1:12 slope, and guardrail and handrail on both sides. Top, mid and bottom landing to be minimum 1760 mm x 1760 mm. Guardrail to be 1070 mm high, and handrail to be between 865 mm to 965 mm high with adequate top and bottom extension.

Location	Current Condition	Proposed Work	Budget
Ground Floor			
Path of Travel/ Cross Corridor Doors	The 1st floor is all on the same level, except for the main entrance. There are 4 cross corridor doors ranging from 860 - 890mm clear. There is one pair on hold open. The corridor has adequate clearance.	Install magnetic hold open for 3 pairs of doors.	\$6,000
Doors to Gym corridor	The double doors are 830mm clear without centre post	Install an automatic door operator that opens both doors at the same time.	\$4,500
Second Floor			
Path of Travel/ Cross Corridor Doors	The 2nd floor has 2 different levels and there are 7 cross corridors. Some of them are part of exit stair enclosure. 5 of them are on hold open without a centre post. The doors to the auditorium lobby are 850mm clear. The double door outside of special education is 710mm clear without a centre post. The corridor has adequate clearance.	Install swing clear hinges and an automatic door operator for the door to the auditorium lobby. Replace the door outside of special education with a large single door with sidelight on hold open.	\$11,750
Stairs @ Student Services	There are 3 steps with rubber treads and risers with abrasive and contrasting nosing strip. There is no tactile walking surface indicator at top landing. The top landing is 1500mm to doors on hold open. Handrails are installed on both sides at 835mm with no extension top and bottom. There is an intermediate rail at 715mm high with posts at top and bottom.	Install tactile walking surface indicator at top of landing. The handrails do not meet current code but do not pose a safety or accessibility concern. Also refer to the elevator addition.	\$1,250
Third Floor			

Path of Travel/ Cross Corridor Doors	The 3rd floor has 3 different levels. There are 6 cross corridor doors. Some of them are part of exit stair enclosure. All of them are on hold open without a centre post. The corridor has adequate clearance.		
Stairs @ Room 308	There are 3 steps with rubber treads and risers. There is no tactile walking surface indicator at top landing, and no contrasting nosing strips. The bottom landing is 1880mm to doors on hold open. Handrails are installed on both sides at 835mm with no extension top and bottom. There is an intermediate rail at 715mm high with posts at top and bottom.	Install chair lift on North wall. Install tactile walking surface indicator at top of landing. The handrails do not meet current code but do not pose a safety or accessibility concern.	\$55,000
Stairs @ Room 324	There are 4 steps with rubber treads and risers. There is no tactile walking surface indicator at top landing, and no contrasting nosing strips. The bottom landing is 1000mm from the doors on hold open. The door frame creates an alcove at washrooms and blocks part of the stairs. Handrails are installed on 1 side only.	Relocate boy's washroom entrance. (Refer to 3rd floor boy's washroom remediation). Relocate and reconfigure double doors with sidelight so the bottom landing is 1800mm minimum. Install new hold opens so the doors are open 180°. Install stair lift on west wall. Install tactile walking surface indicator at top of landing and abrasive visual strip at nosing. Install new wall rails and an intermediate handrail.	\$71,500

D. Elevator

Accessibility Plan:

1. All floor levels to be accessible, except for service spaces
2. Elevator to be full passenger elevator type
3. Elevator controls inside and outside of elevator to be accessible

Location	Current Condition	Proposed Work	Budget
(Proposed) East of Main Entrance Stairs #1	Currently there is no elevator.	Install a new 4000 lbs passenger elevator. The elevator to have 3 front stops and 1 back stop. Re-partition custodial room in Cafeteria and remove corridor wall for an elevator lobby on 1st floor. Re-partition Student Services for an elevator lobby on the upper 2nd floor.	\$383,000

E. Administration:

Accessibility Plan:

1. Main office to have barrier free entrance with an automatic door operator
2. At least one office to be accessible
3. Reception counter to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The Office is on the 2nd floor. The corridor doors are 845mm clear. The doors to the offices are also 845mm clear. The door opening to the meeting room is 690 mm clear in plaster wall. The door to the mail room is 1000mm clear. The door to the Health Room from the corridor is 845mm clear with deep recess on the interior side.	Install swing clear hinges with an automatic door operator for the main office door and the health room door. Install swing clear hinges for an office door. Enlarge opening and install a new door to the meeting room.	\$7,500

Path of travel	The path in the kitchen area is 1300 mm wide. The interior corridor to the health room is 1000mm wide. The half height wall in front of offices is 1250mm clear with furniture obstruction.
Reception counter	There is large open space in front of reception. The counter is 1090mm high. There is no knee space, but suitable for side approach.

F. Student Services and Special Education:

Accessibility Plan:

1. Student Services to have barrier free entrance
2. At least one office to be accessible
3. Reception counter to be accessible
4. Student work stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	There are 2 doors to the Student services. The doors are 850 mm clear. It has a knob handle. The doors to the Special Education are 850mm clear with deep recess on the interior side. The interconnecting door is 790 mm wide. The councillor office doors are 800 mm clear. They are in plastered walls.	Install swing clear hinge with an automatic door operators for the Special Education door. Enlarge 2 office doors.	\$18,750
Path of travel	The path of travel is wide with lots of furniture obstructions.		
Counter	There is large open space in front of reception. The counter is 1090mm high. There is no knee space, but suitable for side approach.		
Student workstation	Computer stations are on loose furniture at various heights.		

G. Student Success:

Accessibility Plan:

1. Student Success to have barrier free entrance
2. Student work stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The door to Student Success is under a stair landing. The ceiling is 1980mm high. The door is 840mm clear.	The entry ceiling is lower than allowable height. Make new opening and install a new door.	\$17,000
Path of travel	The room is open with loose furniture. It is the typical classroom setup with blackboards at 950mm high.		

H. Library

1. Library entrance to be barrier free entrance with an automatic door operator
2. Library to have 1100mm wide barrier free path throughout
3. Reception counter to be accessible
4. Computer stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The entry doors are 850 mm clear with knob handle. The seminar room doors are 900mm clear, with knob handle.	Install swing clear hinges with an automatic door operator. Also see remediation for all doors.	\$4,750
Path of travel	The space is open with loose furniture.		
Reception desk	There is ample clear space in front of the reception desk. The counter is 740mm high. There is no knee space, but side approach is suitable. The bookdrop is a large opening at the reception desk.		
Computer station	The computer station and study area have loose furniture at various heights.		

I. Gymnasium & Fitness Room

Accessibility Plan:

1. Gymnasium to have one barrier free entrance with an automatic door operator

Location	Current Condition	Proposed Work	Budget
Door	The main entry to Gym 140 is a triple door with 750mm clearance. The entry to Gym 144 is a double door with a centre post with 710mm clearance. The door between gyms is 850 mm clear. It is a double door without a centre post.	Replace the triple door with a double door and install an automatic door operator.	\$12,000
Path of Travel	The main corridor to access the change rooms ranges between 1150 mm - 1800 mm wide. The door into the gym from change rooms is 760 mm clear. The door to the corridor is 770 mm clear.	Enlarge openings for larger doors to both corridor and gym. Install automatic door operators on both.	\$23,000
Fitness Room	The double doors are 710mm clear with a centre post. The room is open with loose equipment.	Install a large single door with automatic door operator.	\$7,000

J. Auditorium

1. Auditorium to have barrier free access to seating area
2. Stage to be accessible
3. Seating to have 3% designated wheelchair space, and 5% designated adaptive seating
4. Auditorium to have assistive listening device

Location	Current Condition	Proposed Work	Budget
Door	There are two sets of double doors with centre posts. They are 810mm clear. There is a double door with removable mullion to the front of stage. The doors are 760mm clear. There is an 850mm clear single door to the back stage area. Both stage doors are inside the stair tower.	Enlarge opening and install a larger double door with an automatic door operator. Install swing clear hinges and an automatic door operator for the backstage door.	\$11,750
Path of travel	The aisles between the seats have an average 8% slope. The slope starts at the double doors without a top landing. They are 1750mm wide.		

Seating	There are 450 seats total. There is no designated wheel chair space. There is some space behind and in front of seating area.	Remove top and bottom row of seats. Install 20 adaptive seats and leave space for 2 wheel chairs in each row of seats.	\$13,200
P/A system	There is no assistive listening device.	Install a new assistive listening device.	\$4,500

K. Cafeteria

Accessibility Plan:

1. Cafeteria to have barrier free entrance
2. Servery to have barrier free path of travel throughout; doors to be on hold open during operation hours

Location	Current Condition	Proposed Work	Renewal Cost
Door	The entrance from the main corridor has a double door without a centre post. Each door is 1120mm clear on hold open. The entrance from the auditorium lobby has a double door with a centre post. The doors are 720mm clear. The double door into the servery is 830 mm clear with no centre post. They are fully open during operation. The door does not have a closer. There is a 1950mm opening with shutter for exiting servery to cafeteria.	Widen the door to auditorium lobby. Install an automatic door operator.	\$11,500
Path of travel	The cafeteria is open with loose furniture. There are 2 main rooms with wide opening between 2 rooms.		
Servery	The clear space in front of the service counter is 1300 mm wide. The tray slides are 850 mm high. The sneeze guards are 1440 mm high. There is clear counter space beside cashier.		

L. Classrooms

Accessibility Plan:

1. At least one of each specialty classrooms to be accessible (i.e. one of two Chemistry rooms)
2. At least one typical classroom in each wing to be fully accessible
3. Accessible rooms to have at least one barrier free workstation, and all boards to be accessible.
4. Accessible rooms with closer to have automatic door operators

Location	Current Condition	Proposed Work	Budget
Classroom - North Wing 1 133/ 134/ 230/ 232/ 233/ 329/ 331/ 332/ 333/334	The doors are recessed in the corridor. The alcoves are 1025mm wide. The doors are 845mm clear. They have knob handles and narrow glazing at 1100mm high. There are storage closet recessed in the wall beside the doors. The blackboards are at 875 to 925mm high with low shelving below.	For 1 classroom and computer room on each floor: Install swing clear hinges. Remove closet walls and doors. Fill opening. (6 rooms total) Also see remediation for typical doors.	\$52,500
Classroom - North Wing 2 126/ 128/ 225/ 226/ 227/ 228/ 325/ 326/ 327/ 328	The doors are 845mm clear. The doors open into interior alcoves. The alcoves are 1025mm wide. The doors have knob handles and small high glazing. The blackboards are at 875 to 925mm high with no obstruction.	For 1 classroom room on each floor: Remove 2 lockers and remove doorway. Install new doors, with lintel & masonry above (3 rooms total). Also see remediation for typical doors.	\$33,000
Classroom - Centre Wing 223/224/ 323/ 324	The doors are recessed in the corridor. The alcoves are 1025mm wide. The doors are 845mm clear. The doors have knob handles and small high glazing. The blackboards are at 875 to 925mm high with no obstruction.	Install swing clear hinges. Remove 2 lockers. Remove and rebuild locker nib wall (2 rooms total). Also see remediation for typical doors.	\$9,500
Classroom - South Wing	202/302 - Similar to Centre Wing classrooms. 104/209 - Doors are 845mm clear. There is millwork obstruction on the latch side for wheelchair approach. 204/ 206/ 304/ 306 - The doors are 995mm clear. Door latches are on front of room. There a no clearance on the latch side inside of room. The blackboards are at 940mm high with partial low shelving. 221/ 308/ 310/ 321 The doors are 1020mm clear. The blackboards are at 875 to 925mm high with no obstruction.	Install swing clear hinges in Room 104. Remove millwork beside door. Flip door latch side for Room 204/304. Also see remediation for typical doors.	\$3,500

123/125/127/ 129/131/229/231 Science Lab	<p>123/ 125/ 127 - The doors are recessed in corridor. The alcoves are 1180mm wide. Doors are 850mm clear. There is a 160mm high podium at front of room with teacher's lab bench and black board. There are perimeter lab benches. There is a lab bench with knee space @ 790mm high. There is a sink on the adjacent high counter.</p> <p>129/229 - The doors are recessed in corridor. The alcoves are 1180mm wide. Doors are 850mm clear. There is a 160mm high podium at front of room with teacher's lab bench and black board. There are perimeter lab benches. There e is no barrier free station.</p> <p>131 - The doors are recessed in corridor. The alcoves are 1180mm wide. Doors are 850mm clear. There are island lab benches with 1135mm aisles. The boards are at 910mm.</p> <p>231 - The doors are recessed in corridor. The alcoves are 1180mm wide. Doors are 850mm clear. There is a 160mm high podium at front of room with teacher's lab bench and black board. There is a lab bench along one wall and a large island lab bench. The clear distance between the door and island is 800mm clear. There is no barrier free station.</p>	<p>Install swing clear hinges with automatic door operator for 3 Science rooms (125/ 131/ 229). Remove podium and relocate teacher's desk with 1100mm clear path in Room 125/229. Lower blackboards. Install barrier sink in lower counter in Room125. Install new barrier free stations with sinks in Room 131/129. Also see remediation for typical doors.</p>	\$41,250
150/ 152/ 154/ 155/ 157/ 159 Auto Technology Wood Construction Drafting Communication Technology Machine Shop	<p>Technology shops have typical 850mm clear doors recessed from the corridor with 1025mm alcove. The shops have foot controlled wash fountains. Blackboards and smart boards range from 900-950mm high. The shop benches are not barrier free. The Edit rooms in 155 Communication Technology have 860mm clear doors. They have fixed desks at 750mm high, but they are currently used as storage rooms. 155 Communication Technology is also connected to the computer room (Room 157) with a 850mm clear door 159 Machine shop has 1190mm clear door to the adjacent computer room.</p>	<p>Install swing clear hinges with automatic door operators (5 doors). Install swing clear hinges for the door between Rm 155 & 157. Replace wash fountain with barrier free sensor type (4 wash fountains). Also see remediation for typical doors.</p>	\$82,250
102 Family Studies	<p>The doors are recessed in corridor. The alcoves are 1180mm wide. Doors are 850mm clear. There is no clearance on the latch side inside the room. The entry has partition wall on one side and a counter on the other side. The pathway is 1070mm. The rooms have perimeter kitchen counters with a demonstration kitchen island. There is no barrier free station. The blackboard is at 990mm high.</p>	<p>Install swing clear hinges with an automatic door operator. Remove millwork counter at entry. Also see remediation for typical doors.</p>	\$5,500

119/ 215/ 219 Music Elementary Music	Doors are 850mm clear. Rm 215/ 219 doors open into interior alcoves. The alcoves are 1025mm wide, with recessed closets beside the doors. Rooms are open and leveled. Whiteboards/ blackboards are at 915mm high. Rm 119 has 750mm clear interior doors in drywall. Rm 215/219 has 900mm clear interior doors.	Rm 119: Install swing clear hinges with an automatic door operator. Replace 1 interior door in drywall with larger door. Rm 215: Remove 2 lockers and remove doorway. Install new doors, with lintel & masonry above.	\$7,250
217 Drama	Doors open into interior alcoves. The alcoves are 1025mm wide, with recessed closets beside the doors. The blackboards are at 920mm with partial low shelving below. There is a dressing room style counter with sinks and mirrors. The counter is at 850mm.	Remove 2 lockers and remove doorway. Install new doors, with lintel & masonry above. Also see remediation for typical doors.	\$7,000
234 Art	The door is 845mm clear and recessed in the corridor. The alcoves are 1025mm wide. They have knob handles and narrow glazing at 1100mm high. There is a storage closet recessed in the wall beside the door. The blackboards are at 950mm high with loose furniture obstructions. There are perimeter counters with 2 sinks. They are not accessible.	Install swing clear hinges. Remove closet walls and door. Fill opening. Also see remediation for typical doors.	\$5,500

M. Student Washrooms

1. Student washrooms to have a barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
2. Male student washrooms to have a barrier free wall mounted urinal with rim lower than 430 mm high and grab bars both side; flush control to be lower than 1200 mm high
3. Student washrooms to have one barrier free lavatory
4. One soap dispenser & hand dryer to be between 900mm – 1200 mm high
5. One mirror to be at 1000 mm high maximum
6. Washrooms to have 1100 mm unobstructed path throughout
7. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front
8. Washrooms to have no doors or doors with automatic door operator

Location	Current Condition	Proposed Work	Budget
Boys Washroom (near Gym)			
Door	The door is 845mm clear with a 1025mm wide entryway. The opening into the washroom area is 890mm.	Remove door, entry wall and a urinal. Rebuild wall with 1100mm clear path.	
Toilet stall	There are 3 regular stalls. They are 1400mm deep.	Remove all stalls and install a barrier free stall to current standards.	
Urinal	There are 5 wall mounted urinals. The rims are at 550mm high.	Lower one urinal and install grab bars.	
Sink	The sink is a foot operated wash fountain.	Replace with sensor type barrier free wash fountain.	
Accessories	The hand dryer is at 1160mm high. The soap dispenser is at 1160mm high and the mirror is at 1335mm high.	Install a mirror at accessible height.	\$35,500
Clearance / Path of Travel	The clear path in front of urinal is 1350mm. There is ample space in front of toilet stalls.		
Girls Washroom (near Gym)			
Door	The door is 845mm clear. The entry way is 1100mm deep with a 930mm opening into the washroom area.	Install swing clear door with an automatic door operator. Relocate entry wall for 1100mm clear opening.	

Toilet stall	There are 6 regular stalls. They are 1415mm deep	Remove 3 stalls and install a barrier free stall to current standards.	
Sink	The sink is a foot operated wash fountain.	Replace with sensor type barrier free wash fountain.	
Accessories	The paper towel is at 1290mm high. The mirror is at 1230mm high. The soap dispenser is at 1100mm high.	Install a new paper towel and a mirror at accessible height.	\$38,000
Clearance / Path of Travel	The clear space in front of 1st and last stall is less than 900mm.		
Boys Washroom (near Auditorium)			
Door	The door is 850mm clear with an 1100mm wide entryway. The opening into the washroom area is 1080mm.	Remove door.	
Toilet stall	There are 2 regular stalls. They are 1410mm deep.	Remove stalls and install a barrier free stall to current standards at end of washroom.	
Urinal	There are 2 floor mounted urinals.	Remove 1 urinal and install 1 wall mounted urinal with grab bars.	
Sink	There are 4 wall mounted sinks. They are 800mm high. The clearance under sink is 590mm H x 250mm D. They have spring loaded short lever handles.	Remove all sinks and install 1 barrier free wash fountain at existing stall location.	
Accessories	The paper towel is at 1330mm high. The soap dispenser is at 1320mm high and the mirror is at 1230mm high.	Remove existing and install a paper towel, a soap dispenser and a mirror at accessible height.	\$29,500
Clearance / Path of Travel	The clear path in front of the stalls is 1100mm.		
Girls Washroom (near Auditorium)			
Door	The door is 850mm clear with an 1100mm wide entryway. The opening into the washroom area is 1080mm.	Remove door.	
Toilet stall	There are 4 regular stalls. They are 1410mm deep.	Remove 2 stalls and install a barrier free stall to current standards at the end of washroom.	

Sink	There are 3 wall mounted sinks. They are 800mm high. The clearance under sink is 590mm H x 250mm D. They have knob handles.	Remove all sinks and install 1 barrier free wash fountain with sensor (2 person type)	
Accessories	The paper towel is at 1400mm high. The soap dispenser is at 1150mm high and the mirror is at 1200mm high.	Remove existing and install a paper towel, a soap dispenser and a mirror at accessible height.	\$29,500
Clearance / Path of Travel	The clear path in front of the stalls is 1100mm.		
Boys Washroom (near Library)			
Door	The door is 840mm clear with a 1035mm wide entryway.	Remove door and relocate entry wall for 1100mm clear path.	
Toilet stall	There are 2 regular stalls. They are 1410mm deep.	Remove stalls and install a barrier free stall to current standards.	
Urinal	There are 2 wall mounted urinals. The rims are at 490mm high.	Lower 1 urinal and install grab bars.	
Sink	The sink is a foot operated wash fountain.	Replace with barrier free wash fountain with sensor (2 person type).	
Accessories	The paper towel is at 1200mm high. The soap dispenser is at 1100mm high and the mirror is at 1200mm high.	Install a mirror at accessible height.	\$34,000
Clearance / Path of Travel	There is ample space in front of stalls.		
Girls Washroom (near Library)			
Door	The door is 840mm clear with a 1035mm wide entryway.	Remove door and relocate entry wall for 1100mm clear path.	
Toilet stall	There are 5 regular stalls. They are 1410mm deep.	Remove 3 stalls and install a barrier free stall to current standards at the end of washroom.	

Sink	The sink is a foot operated wash fountain.	Remove all sinks and install 1 barrier free wash station with sensor (2 person type).	
Accessories	The paper towel is at 1200mm high. The soap dispenser is at 990mm high and the mirror is at 1200mm high.	Install a mirror at accessible height I.	\$34,000
Clearance / Path of Travel	There is ample space in front of stalls.		
Boys Washroom (2nd Floor)			
Door	Doors are 845mm clear. The entry way is 1375mm. There is a 25mm lip at door.	Remove door. Re-surface threshold to ensure 1:20 slope at level change. Extend masonry privacy wall.	
Toilet stall	There are 4 regular stalls.	Remove 3 stalls and install 1 barrier free stall to current standards.	
Urinal	There are 5 wall mounted urinals. The rims are 550 mm and 700 mm high.	Lower 1 urinal and install grab bars.	
Sink	There are 3 wall mount sinks. The sinks are 920 mm high. Knee space is 750 mm high x 330 mm deep. The clear space in front of the sink is 1200 mm wide. The pipes are not insulated or recessed. The sink has long levered faucets. There is red and blue.	Remove sinks and install 1 barrier free wash fountain with sensor.	
Accessories	The soap dispenser is 1270 mm high. The paper towel dispenser is at 1270mm high. The mirror is at 1290mm high.	Remove existing and install a soap dispenser, a paper towel dispenser and a mirror at accessible height.	\$34,000
Clearance / Path of Travel	There is ample space in front of urinal and stalls.		
Girls Washroom (2nd Floor)			
Door	Doors are 845mm clear. There is a 3390 x 1760mm vestibule.	Install swing clear hinges with an automatic door operator.	
Toilet stall	There are 6 regular stalls.	Remove 3 stalls and install a barrier free stall to current standards.	

Sink	There are 3 wall mounted sinks at 830 mm high. Knee space is 670 mm high x 230 mm deep. The clear space in front of the sink is 800 mm wide. The pipes are not insulated or recessed. The sink has lever faucets.	Remove sinks and install a barrier free wash fountain with sensor.	
Accessories	The soap dispenser is at 1140 mm high. The paper towel dispenser is wall mounted above the sink at 1270 mm high. The sanitary napkin dispenser is at 1410 mm high. The mirror is at 1220mm high.	Install a paper towel dispenser and a mirror at accessible height.	\$24,250
Clearance / Path of Travel	There is ample space in front of stalls.		
Boys Washroom (3rd Floor)			
Door	The door is obstructed by cross corridor doors with screen. The passage is 830mm wide. The door is 845mm clear.	Remove door and entry walls. Fill door opening and create new opening at north side. Build masonry privacy wall with 1100mm clear path.	
Toilet stall	There are 4 regular stalls.	Remove stalls and install a barrier free stall to current standards.	
Urinal	There are 6 floor mounted urinals on a raised step	Remove urinals and step for new entry. Install 4 wall mounted urinals with 1 pair of grab bars.	
Sink	There are 3 wall mounted sink at 880mm high. The faucets have short lever handles.	Remove sinks and install a barrier free wash fountain with sensor.	
Accessories	The soap dispenser is 1270 mm high. The paper towel dispenser is at 1270mm high. The mirror is at 1290mm high.	Remove existing and install a soap dispenser, a paper towel dispenser and a mirror at accessible height.	\$42,500
Clearance / Path of Travel	The clearance in front of the last 2 urinals are 800mm.		
Girls Washroom (3rd Floor)			

Door	Doors are 845mm clear. The entry way is 1375mm. There is a 25mm lip at door.	Remove door. Re-surface threshold to ensure 1:20 slope at level change. Extend masonry privacy wall.
Toilet stall	There are 7 regular stalls.	Remove 3 stalls and install a barrier free stall to current standards.
Sink	There are 3 wall mounted sinks at 830 mm high. Knee space is 670 mm high x 230 mm deep. The clear space in front of the sink is 800 mm wide. The pipes are not insulated or recessed. The sink has lever faucets.	Remove sinks and install a barrier free wash fountain with sensor.
Accessories	The soap dispenser is at 1125 mm high. The paper towel dispenser is wall mounted above the sink at 1250 mm high. The mirror is at 1220mm high.	Install a paper towel dispenser and a mirror at accessible height.
Clearance / Path of Travel	There is ample space in front of stalls.	
		\$26,500

N. Student Change Rooms:

1. All student change rooms to be accessible.
2. Change rooms with washrooms to have one barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
3. Change rooms with shower facility to have one barrier free shower with 1500 mm x 900 mm clearance, shower seat with L grab bar, barrier free shower fixture and recessed soap dish
4. At least one lavatory to be accessible
5. At least one soap dispenser & hand dryer to be between 900 mm – 1200 mm high
6. At least one mirror to be 1000 mm high from floor maximum
7. Change rooms to have 1100 mm unobstructed path throughout and 860mm clear doorways.
8. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front

Location	Current Condition	Proposed Work	Budget
Change Room Vestibule			
Door/Vestibule	The boys and girls change room shares a change room vestibule connection from the corridor to the gym. The door is recessed from the corridor. The door is 845mm clear. The alcove is 1040x 1040mm. The door to the gym is 845mm clear. Half of the vestibule is 1080mm wide.	Remove corridor door with wall. Relocate one vestibule wall for 1100mm clear path. Install new door with an automatic door operator. Install swing clear hinges for gym door and install automatic door operator.	\$15,750
Girls Change Room (High School)			
Door	The doors to the vestibule and the gym are 840 mm clear.	Install swing clear hinges with an automatic door operator for the vestibule door.	
Toilet stall	There are 3 regular stalls.	Remove stalls and install a barrier free stall to current standards.	
Sink	There is a foot controlled wash fountain.	Replace with new barrier free wash fountain with sensor.	

Shower	The opening to the shower area is 890 mm wide. There is a 40mm step at the opening. There are 8 regular shower stalls. Each stall is the shower is 540 mm wide x 860 mm long, with 540 mm wide x 830 seating area. There is a step down into the shower.	Enlarge entrance to 1100mm. Slope threshold to 1:20max. Remove 3 stalls and install a new barrier shower with folding seat, grab bar, faucet, and curtain. Slope floor for drain.
Accessories	The mirror is at 1200mm high. The napkin dispenser is at 1050mm high. The hand dryer is at 1190mm high. The soap dispenser is at 980mm high.	Install a new mirror at accessible height.
\$36,750		
Clearance / Path of Travel	The change area has adequate clearance. The path to the gym is 1040mm wide.	The barrier free path is through the vestibule to gym.
Boys Change Room (High School)		
Door	The doors to the vestibule and the gym are 840 mm clear.	Install swing clear hinges with an automatic door operator for the vestibule door.
Toilet stall	There is 1 regular toilet stall.	Remove toilet stall and urinal. Install a barrier free stall to current standards.
Urinal	There is 1 urinal. The rim is at 460mm high.	See above.
Sink	There is a sink with lever handle. The sink is at 750mm high.	Replace with a barrier free sink.
Shower	The access to the shower area is 880 mm wide. There is a 40mm step at the opening. The shower area is open with 8 faucets. There is an open trench at the perimeter.	Enlarge entrance to 1100mm. Slope threshold to 1:20max. Remove 3 faucets and install a new barrier shower with folding seat, grab bar and faucet. Slope floor for drain.
Accessories	The soap dispenser is at 1150mm high. The mirror is at 1190mm high. The paper towel dispenser is at 1300mm high.	Install a new mirror and a paper towel dispenser at accessible height.

Clearance / Path of Travel	The change area has adequate clearance. The path into the change room is 1080 mm wide. Internal paths are 1870 mm wide. The path to the gym is 1040mm wide.	Relocate wall for 1100mm clear path to vestibule.	\$21,750
Girls Change Room (Gr. 7-8)			
Door	The change room is only accessible from corridor. The door is 845mm clear.	Install swing clear hinges with an automatic door operator.	
Toilet stall	There are 1 regular stall and 1 barrier free stall. The barrier free stall is 1490x2060mm. The door is 880mm clear and opens outward. There is a grab bar behind the toilet. The toilet paper dispenser is at 760mm high. The napkin disposal is at 800mm. The coat hook is at 1650mm high.	Install L-grab bar beside toilet. Install toilet seat with lid. Relocate toilet paper dispenser and coat hook.	
Sink	The sink is 850mm high with knob faucet. The clearance under sink is 710mm x 320mm.	Replace faucet with lever handles.	
Shower	There are 2 shower stalls. They are 1850mm deep and 1075mm wide each. The shower stall entrance is 630mm wide.	Remove masonry shower partition and faucets. Install a new barrier shower with folding seat, grab bar, faucet, and curtain.	
Accessories	The mirror is at 1200mm high. The paper towel dispenser is at 1400mm. The soap dispenser is at 1150mm high.	Install a new mirror and paper towel dispenser at accessible height.	
Clearance / Path of Travel	The change area has adequate clearance. The entry to the change room is 1020mm wide.	Relocate wall for 1100mm clear path.	\$26,250
Boys Change Room (Gr. 7-8)			
Door	The doors to the vestibule and the gym are 850 mm clear.	Install swing clear hinges with an automatic door operator.	
Toilet stall	There is 1 barrier free toilet stall. The stall is 1490x 1650mm. The door is 865mm and opens outward. There are straight grab bars at the back of the toilet and the far side wall. The toilet paper dispenser is at 650mm high. There is no coat hook.	Relocate partition for wheelchair turning clearance. Remove the far side grab bar and install an L grab bar beside toilet. Install a toilet seat with back, and a coat hook.	
Urinal	There is a wall mounted urinal with rim at 490mm high	Lower urinal and add grab bars.	

Sink	The sink is 850mm high with knob faucet. The clearance under sink is 710mm x 320mm.	Replace faucet with lever handles.	
Shower	There are 2 shower stalls. They are 1850mm deep and 1075mm wide each. The shower stall entrance is 630mm wide.	Enl Remove shower stalls partition and faucets. Install a new barrier shower with folding seat, grab bar, faucet, and curtain.	
Accessories	The soap dispenser is at 1300mm high. The mirror is at 1200mm high. The paper towel dispenser is at 1300mm high.	Install a new mirror and a paper towel dispenser at accessible height.	
Clearance / Path of Travel	The change area has adequate clearance. The entry to the change room is 1020mm wide.	Relocate wall for 1100mm clear path.	\$26,250

O. Universal Washroom

Accessibility Plan:

1. One universal washroom to be provided
3. Universal washrooms to have barrier free doors with automatic door operators, 1700 mm turning radius and space for adult change table
4. Toilets to have wheel chair transfer space, back support, back and side grab bar, toilet paper dispenser and napkin disposal complying with OBC
5. Sinks and faucets to be barrier free
6. Mirrors to be 1000 mm high max, or tilted.
7. Soap dispenser, hand dryer, coat hook, shelf and paper towel dispenser to be between 900 mm – 1200 mm high.
8. Light control to be on motion sensor
9. Universal washroom to have emergency call system with audible / visual device and emergency sign.

Location	Current Condition	Proposed Work	Budget
	Currently the school does not have a single room barrier free washroom or a barrier free staff washroom. There is an all gender washroom which is not a suitable size for a barrier free washroom. The recommendation is to demolish existing washroom and adjacent small office in the Health room and build a universal washroom to current standards.		\$35,000

P. Staff Workrooms

Accessibility Plan:

1. Access to common staff area to be barrier free.
2. Other accommodation will be tailored to specific requirement when needed.

Location	Current Condition	Proposed Work	Budget
Staff Room 1st Floor	The doors are 850mm clear. The corridor door opens to a coat area with staff washrooms. The washrooms are not barrier free. There is adequate with. The door into the staff room opens in a deep doorway. It is 970mm wide. The room is open with a small regular height kitchenette.	Install swing clear hinges with an automatic door operator at the corridor. Remove door and casework doorway.	\$10,000
Staff Room 3rd Floor	The 3rd floor staff room have 2 vestibules with staff washrooms. The doors are 845mm clear. The staff room currently has a typical classroom set up.	Install swing clear hinges for a corridor door and an interior door.	\$500
Workrooms	The workrooms throughout the school typically are recessed from the corridor with no latch side clearance. The doors are 845mm clear. The workrooms have loose furniture.		

Q. Building Wide Components:

Accessibility Plan:

1. All public area to be barrier free.
2. Barrier free rooms to have barrier free doors that are 860 mm clear.
3. All doors to have lever handle, with the bottom of the glazing to be maximum 900 mm high
4. At least one barrier free drinking fountain to be provided on each floor
5. Visual and audio fire alarm to be installed in public areas, corridors, and classroom with high noise levels
6. Controls such as light switch, equipment control, thermostats are not controlled by the student. Specific provisions will be considered on a case-by-case scenario.
7. Braille signage to be provided at 1500 mm high, and pictorial signs to be provided for all barrier free washroom & change rooms
8. Public and student area to have adequate light level

Location	Current Condition	Proposed Work	Budget
Doors	Most doors throughout the school do not have adequate clearance. They are typically equipped with knob type handles and with small square or narrow glazing above 1100mm.	Replace existing doors and hardware with lever handle and lower glazing. Barrier free entrances and classroom doors to be updated to current accessibility standards as outlined above.	\$63,750

Drinking Fountain	There are drinking fountains throughout the school corridors. There are 2 barrier free drinking fountains at 915mm high outside of servery. They have knee space and bottle fillers.	
Fire alarm system	There are visual and audio alarm installed throughout corridor and noisy classrooms such as shops and music rooms.	
Light Level	The lighting level in the Auditorium lobby is not adequate. The lighting level throughout other portion of school is acceptable.	
Controls	The light switches in typical classrooms are about 1375mm high. The thermostats are about 1650mm high.	
Signage	There is no tactile or Braille lettering. There are small room number signs on the door. Most rooms do not have room name signs. Some room names are painted on the walls. There is no directional signage.	Install new room signage with braille and pictorial signs for all public rooms. Install new pictorial signs for barrier free washrooms and change room facilities.
		\$12,640

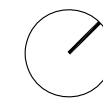
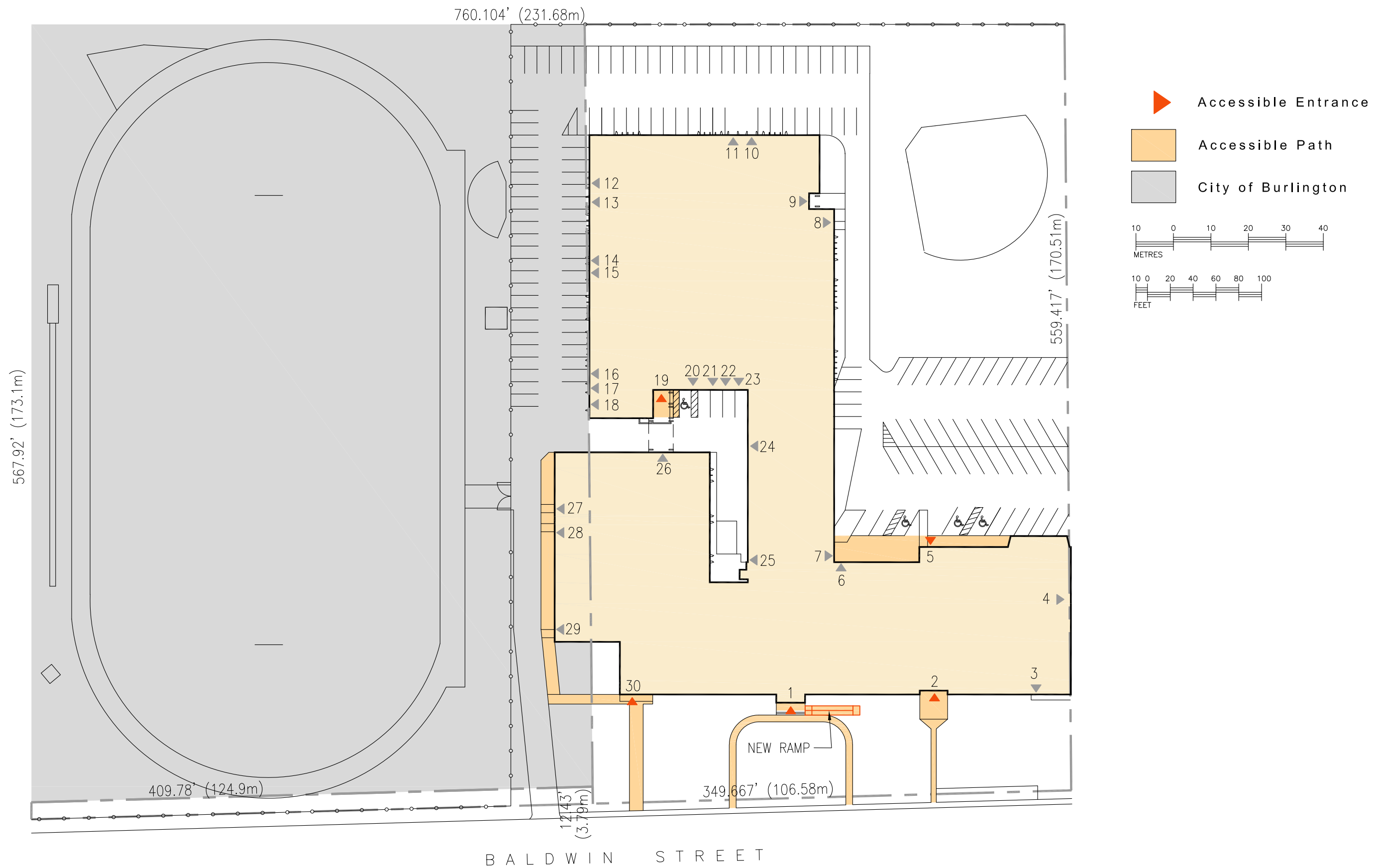
SUBTOTAL	\$1,874,180
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ALLOWANCES		
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Remediation for Designated Substances	15%	\$281,127
General Conditions, and Overhead & Profit	20%	\$374,836
Design and Permit Fees	15%	\$281,127
Budget Contingency	20%	\$374,836

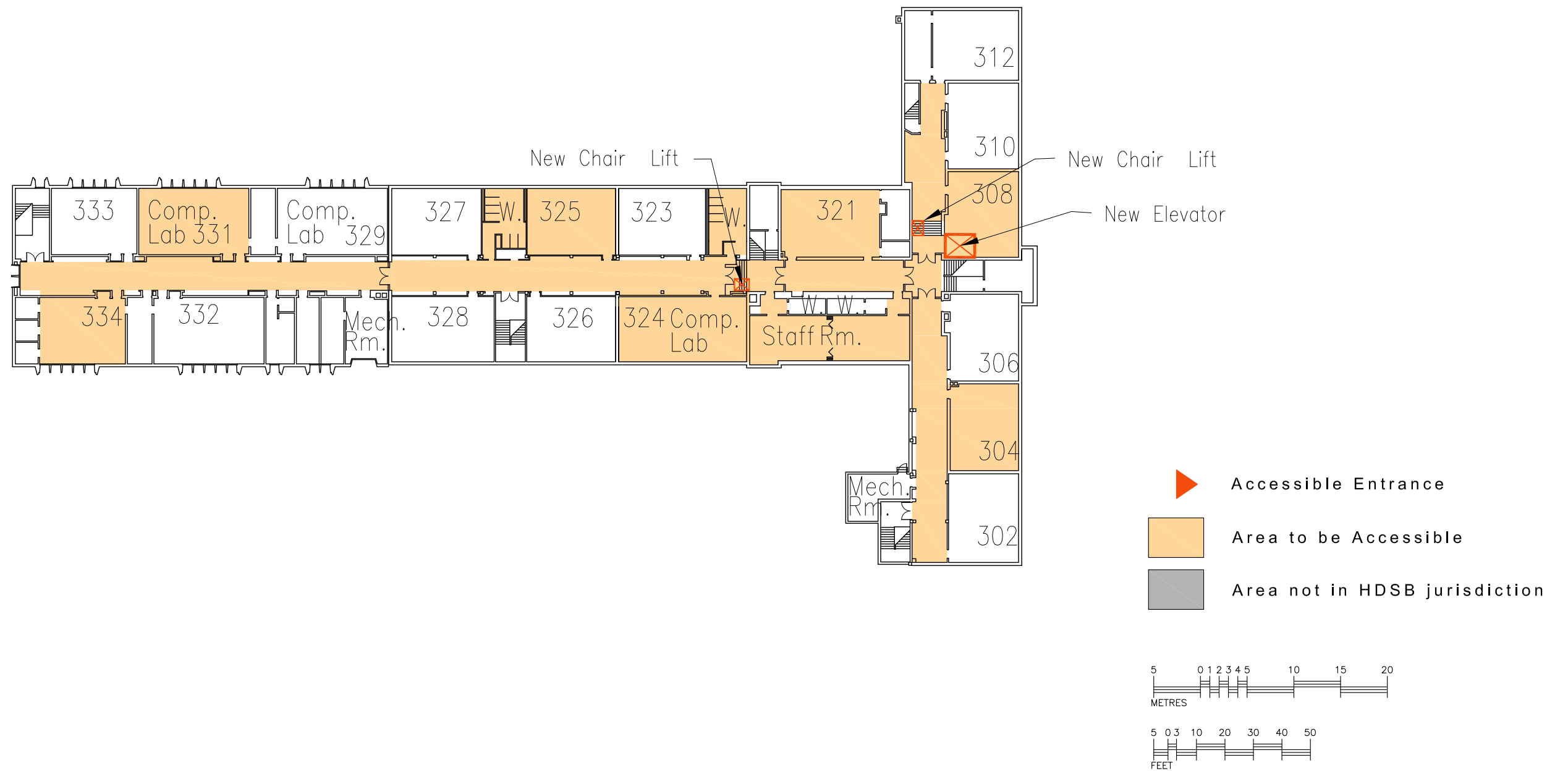
HST not included

TOTAL	\$3,186,106
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Halton District School Board Facility Audit for Accessibility

February 8, 2017

LESTER B. PEARSON HIGH SCHOOL

SITE ACCESSIBILITY

A. Parking:

Accessibility Plan:

1. 4% of parking stalls to be barrier free
2. Barrier free stall to be equal number of van (3400mm wide) and car (2400mm wide) type barrier free space with 1500mm aisles
3. Barrier free stalls to have sign post

Location	Current Condition	Proposed Work	Budget
Barrier free stalls	There are 212 parking spaces in total, including 4 barrier free spaces near Entrance #2 and #4. Barrier free spaces are 3710 mm, and do not have aisles next to them. The spaces face each other. Two spaces are against the wall. There is no designated pedestrian path to the entrances.	Repaint barrier free stalls with aisles and pedestrian walkway to entrances. Provide 2 additional barrier free parking near Entrance#1, and 2 at Entrance #4.	\$1,200
Signage	Barrier free stalls have clear painted symbol on the ground but no signage posts.	Add 4 posts with 8 signs.	\$1,000

B. Pathway:

Accessibility Plan:

1. All pathways to be 1500mm min, except at curb ramp
2. Pathway to have minimum 1:20 slope
3. Barrier free parking & crossings to have curb ramps with 1200mm minimum width, and 1:10 maximum slope
4. Curb ramps to have 610mm wide tactile walking surface indicator

Location	Current Condition	Proposed Work	Budget
Walkway from Headon Road	The 1500mm wide asphalt walkway is gently sloped. Sidewalk is widened at drop-off and the main entrance. There are steps to go to the entrance doors. There are no curb ramps.	See Stairs & Ramp. Provide 1 curb ramp with tactile walking surface indicators to new barrier free parking aisle.	\$3,750
Walkway between Entrance #1 and #2	Walkway is 3620mm wide with planter. There is a big step going to the main entrance.	Remove step and re-grade walkway between Entrance #1 & #2 to max. 1:20 slope. Provide 1 curb ramp with tactile walking surface indicators to new barrier free parking aisle.	\$6,250
Walkway to the sports field	The walkway is 2m wide and 22m long with uneven gravel. The slope range from 9 to 14 %.	Install new 50m long asphalt ramp to 1:20 slope max	\$11,000

C. Ramp:

Accessibility Plan:

1. Slope over 1:20 is considered a ramp. Ramps to have a maximum slope of 1:15
2. Ramps to be 900mm wide minimum
3. Ramp landings at top, middle and bottom to be 1670mmx1670mm minimum
4. Ramps to have tactile warning surface indicator at the top.
5. Ramps to have guardrails and hand rails both sides, complying with OBC
6. Ramps to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Main entrance (#1)	Steps with no ramp	New 900mm wide 5000mm long ramp along wall, with handrails and guardrails.	\$38,000

D. Stairs:

Accessibility Plan:

1. Stairs to have maximum 180mm riser, and minimum 280mm tread
2. Stairs to be 900mm wide minimum
3. Stairs landing at top, middle and bottom to be 1670mmx1670mm minimum
4. Stairs to have tactile warning surface indicator at the top of the stairs
5. Stairs to have to have intermediate rail if it is wider than 2200mm
6. Treads to have non-slip, high contrast marking at nosing

Location	Current Condition	Proposed Work	Budget
Stairs@ Main Entrance (#1)	There are large open areas with 2 treads up to the main entrance. The top landing before the door do not have adequate wheelchair turning space. There is non-slip and visual strip at treads.	Remove and install new stairs to accommodate bigger top landing and a ramp. Install new wall rails and an intermediate rail.	\$34,000

BUILDING

A. Entrance and Vestibules:

Accessibility Plan:

1. 50% of entrances to be barrier free with door operators and ramp access, including the main entrance
2. Space within vestibules to accommodate wheel chair outside of door swing.
3. Door opening to be 860mm clear. Bottom of glazing in door to be lower than 900mm.

Location	Current Condition	Proposed Work	Budget
Main Entrance (Entrance #1)	There is a large drop off area with 2 steps up to the main entrance doors. The vestibule is 5476mm deep. Exterior doors are 790mm clear, and vestibule doors are 765mm clear.	Replace entrance and vestibule screen with barrier free doors and install new automatic door operators.	\$24,000
Entrance #2	The entrance is leveled with the parking lot, with no raised sidewalk. There is a barrier free parking stall next to the entrance. It is difficult to get to the entrance from the other 3 barrier free parking since there are no sidewalks or aisles. This entrance has double doors with a centre post. The doors are 780 mm clear. There is an automatic door operator. The buttons are at 860 mm high.	Widen opening and install barrier free double doors. Also refer to parking remediation.	\$7,000
Entrance #4	This entrance is the main access to the field from the gymnasium wing. There are 2 barrier free stalls close to the entrance. There is a small lip between the frost slab and the parking. The double doors are 860mm clear.	Regrade asphalt to meet frost slab. Add one automatic door operator.	\$5,400
Entrance #9	The entrance opens to the back parking lot. There is no raised sidewalk. The entrance slope is gentle. The double doors have 820mm clear opening.	This is not a barrier free entrance. See remediation for all doors.	
Entrance #18	The entrance connects to the tech shop yard. The path is leveled and 2200mm wide. The exterior single door with sidelights has a clear opening of 750mm. The corridor door opening is 840mm clear.	Replace exterior door with a barrier free door. Install swing clear hinges for the corridor door. Install an automatic door operator.	\$5,500

Entrance #24 & 25	The large screen with doors opening to an asphalt pad and sod area with no pathway connection. The doors are 800mm clear.	This is not a barrier free entrance. See remediation for all doors.
Entrance #26	This entrance opens to sod area with a step down. The Exterior doors are 790mm clear, and the corridor doors are 820mm clear.	This is not a barrier free entrance. See remediation for all doors.
Entrance #28	This entrance opens to sod area with a step down. The exterior doors are 790mm clear, and the corridor doors are 820mm clear. The clear distance between the opened door panel and stairs is 575mm.	Not a barrier free entrance. Remove left panel and install glass screen to remediate egress impediment.
Entrance #29	This entrance connects to the portapack. The pathway between is leveled with no step. The double door openings are 800mm clear.	Not a barrier free entrance. See remediation for all doors.
Entrance #31	This entrance connects to the portapack and the main entrance sidewalk. The pathway between is leveled with no step. The double door openings are 790mm clear. There is an automatic door operator. The button is at 915mm high.	Widen door opening and install new barrier free double doors.
		\$8,500

B. Stairs:

Accessibility Plan:

1. Upper floor landings to have tactile warning surface indicator
2. Treads to have non-slip and visually contrasting strip at nosing
3. Stairs to have graspable handrail between 865-965mm high with 50mm clearance, and adequate top and bottom extension
4. Stairs to have guardrail at 1070mm high minimum
5. Stairs to have to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Stair @ Entrance#1	The stair risers are open and are 180 mm high x 300 mm deep. There is no warning surface at top landing. The treads are terracotta tiles. There are no abrasive and visually contrasting strips at the nosing. Handrails are installed on both sides of the stairs at 840mm high. The handrail is 50 mm wide and 50 mm from the wall. It is continuous on the switchback. It extends 880 mm at the top stair. The pickets are 100mm apart.	Install tactile warning surface indicator at top landing and abrasive /visual strip at nosing.	\$3,200

Stair @ Entrance#26	The stair risers are open and are 180 mm high x 300 mm deep. There is no warning surface at top landing. The treads are terracotta tiles. There are no abrasive and visually contrasting strips at the nosing. Handrails are installed on both sides of the stairs at 870 mm high. The handrail is 50 mm wide. It is 50 mm from the wall. It is continuous on the switchback. It extends 900 mm at the top stair.	Install tactile warning surface indicator at top landing and abrasive /visual strip at nosing.	\$3,200
Stair @ Entrance#28	The stair risers are open and are 180 mm high x 300 mm deep. There is no warning surface at top landing. The treads are terracotta tiles. There are no abrasive and visually contrasting strips at the nosing. Handrails are installed on both sides of the stairs at 870 mm high. The handrail is 50 mm wide. It is 50 mm from the wall. It is continuous on the switchback. The clearance between bottom of stairs to the opened corridor door is 575mm.	Install tactile warning surface indicator at top landing and abrasive /visual strip at nosing. Refer to entrance door remediation.	\$3,200
Stair @ Entrance#32	The stair risers are open and are 180 mm high x 300 mm deep. There is no warning surface at top landing. The treads are terracotta tiles. There are no abrasive and visually contrasting strips at the nosing. Handrails are installed on both sides of the stairs at 870 mm high. The handrail is 50 mm wide. It is 50 mm from the wall. It is continuous on the switchback. It extends 890 mm at the top stair.	Install tactile warning surface indicator at top landing and abrasive /visual strip at nosing.	\$3,200
Stairs to Fitness Room	There are two identical stairwells at each end. The risers are closed and are 190 mm high x 260 mm deep. There are no warning surfaces at the top landing. The treads are not slip resistant. The nosing protrudes 30 mm past the stair. They do not contrast in colour from the nosing. The handrail is 50 mm wide. It is smooth and provides a continuous gripping surface. It is 50 mm from the wall. Handrails are installed on both sides of the stairs at 910 mm high. It is continuous on the switchback.	Install tactile warning surface indicator at top landing and abrasive /visual strip at nosing.	\$3,200

C. Corridor

Accessibility Plan:

1. All levels to be accessible, except for service spaces
2. Corridors to have clear width of 1600 mm min; or clear width of 1100 mm min with 1800 mm x 1800 mm turning space every 30 m
3. Cross-corridor doors to be on hold-open
4. Ramps to be 900 mm wide minimum, maximum 1:12 slope, and guardrail and handrail on both sides. Top, mid and bottom landing to be minimum 1760 mm x 1760 mm. Guardrail to be 1070 mm high, and handrail to be between 865 mm to 965 mm high with adequate top and bottom extension.

Location	Current Condition	Proposed Work	Budget
First Floor			
Path of Travel/ Corridors	The first floor has 2 different floor levels. Most of the floor is on the same level. There is a raised floor area to access the upper level of the Cafetorium. There are 7 cross corridor doors. 6 doors are hollow metal screens with centre glazing panel. The doors are on hold open connected to fire alarm and the openings are 760-820mm clear. The cross corridor double door outside of Staff room is on hold open without a centre post.	Replace screens with double doors without centre mullion on hold open. (6 total)	\$48,000
Stairs to Cafetorium	The risers are closed and are 160 mm high x 260 mm deep. There are no warning surfaces at top landing. The treads have two black slip resistant strips. There are double handrails on the walls. Handrails are installed on both sides of the stairs, as well as in the middle. They are 960 mm high. They are 40 mm and 60 mm wide. They are smooth and provide a continuous gripping surface. They are 50 mm from the wall. The space between the handrails is 30 mm. It extends 300 mm at the top and bottom stair.		

Stairs to Office	The risers are closed and are 160 mm high x 260 mm deep. There are no warning surfaces at top landing. The treads have two black slip resistant strips. There are double handrails on the walls. Handrails are installed on both sides of the stairs, as well as in the middle. They are 960 mm high. They are 40 mm and 60 mm wide. They are smooth and provide a continuous gripping surface. They are 50 mm from the wall. The space between the handrails is 30 mm. It extends 300 mm at the top and bottom stair.	
Ramp to Cafetorium - Top level	The ramp is terrazzo with black abrasive strips. The steepest slope is 12%. The handrail is installed both sides at 920mm high. The ramp width is 2115mm. Rise is 915mm and run is 8450mm.	Install new 900mm wide ramp at 1:12 slope max, with handrail and guardrail. \$36,000
Ramp to Cafetorium -Mid level	The ramp is terrazzo with black abrasive strips. The steepest slope is 10.5%. The handrail is installed both sides at 900mm high. The ramp width is 2200mm.	Install new 900mm wide ramp at 1:12 slope max, with handrail and guardrail. \$36,000
Second Floor		
Path of Travel/ Corridors	The second floor is all on the same level. There are no cross corridor doors and the corridors have adequate clearances.	
Portapack Corridor	The portapack is leveled and has adequate clearances.	

D. Elevator

Accessibility Plan:

1. All floor levels to be accessible, except for service spaces
2. Elevator to be full passenger elevator type
3. Elevator controls inside and outside of elevator to be accessible

Location	Current Condition	Proposed Work	Budget
Elevator	The door is 880 mm clear, swing type. The door opens automatically. The highest controls are 1100 mm high. The elevator is LULA type. The elevator is 1540 mm wide x 900 mm long. The highest controls are 1100 mm high. Essential controls are not identified by symbols. There is a handrail on the wall with the controls. It is 810 mm high.	Replace existing LULA elevator with full passenger elevator (board standard). Widen elevator shaft and machine room.	\$190,000

E. Administration:

Accessibility Plan:

1. Main office to have barrier free entrance with an automatic door operator
2. At least one office to be accessible
3. Reception counter to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The entrance door is 850 mm clear. Office doors are 840 mm clear. They all have knob handles. The interconnecting doors to the staff room and student services are 840 mm clear. The workroom and female staff washroom door have automatic door operators. The washrooms and sinks do not comply with barrier free standards.	Install swing clear hinges for the front door, interconnecting doors and one office door. Also see remediation for all doors.	\$1,000
Path of travel	There is no barrier free path to the front door of administration area. The corridors to the washroom range between 1200-1530 mm wide.	Remove wall and extend corridor to administration office.	\$2,500
Reception counter	The reception desk counter is 750mm high with raised counter at 1075mm at front and side. There is an attendance window with the service counter at 1065 mm high and 210 mm deep. The window is no longer in use.	Remove 3 sections of raised counter at reception desk.	\$2,250

F. Student Services and Resource:

Accessibility Plan:

1. Student Services to have barrier free entrance
2. At least one office to be accessible
3. Reception counter to be accessible
4. Student work stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The entrance door is obstructed by the interior angle wall and does not open fully. The narrowest opening is 810 mm wide. There is a full wall opening with overhead door adjacent to the entrance door. The office doors with sidelights are 845mm clear.	Install fully glazed screen with barrier free door in place of overhead door. Install swing clear hinges at one office door.	\$7,750
Path of travel	The corridor into student services is 1580 mm wide.		
Counter	The reception desk counter is 750mm high with raised counter at 1075mm at front and side. There is adequate wheelchair turning space in front of the desk.	Remove 3 section of raised counter.	\$2,250
Student workstation	The student workstations are loose furniture ranging from 750mm-790mm high.		

G. Student Success + Learning Centre:

Accessibility Plan:

1. Student Success to have barrier free entrance
2. Student work stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The doors are 850mm clear.	Install swing clear hinges. Also see remediation for all doors.	\$500
Path of travel	The room is open with loose furniture		

H. Library

1. Library entrance to be barrier free entrance with an automatic door operator
2. Library to have 1100mm wide barrier free path throughout
3. Reception counter to be accessible
4. Computer stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The main double door openings are 790 mm clear with knob handle. It opens outwards.	Enlarge door opening and install new barrier free door with automatic door operator.	\$17,500
Path of travel	The entrance gate opening is 980 mm wide. The exit gate opening is 920 mm wide.		
Reception desk	The reception desk is 750mm high with no raised counter. There is no knee space in front, but lost of clear space for side approach. The book drop is an open counter at 800mm high.		
Computer station	The catalogue computer stations and student workstations are loose furniture at various heights.		
Seminar Rooms	The seminar doors have lever handle and the openings are 860mm clear. The white board is 950mm high.		

I. Gymnasium & Fitness Room

Accessibility Plan:

1. Gymnasium to have one barrier free entrance with an automatic door operator

Location	Current Condition	Proposed Work	Budget
Door	The double doors are 760mm clear with removable centre post. The gymnasium floor is 70mm higher than the corridor, with a steep threshold.	Replace one double door to Gym 2 with barrier free door with sidelight and an automatic door operator. Slope corridor to meeting doors at 1:20.	\$7,000

Fitness Mezzanine	The fitness mezzanine is above the gymnasium storage and corridor. There is only stair access to the mezzanine and there is no adequate space for a stair lift in the staircases.	Install vertical passenger lift in current gym storage, with new opening and access from Gym2.	\$45,000
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J. Cafetorium

1. Cafetorium to have barrier free access to seating area
2. Stage to be accessible
3. Seating to have 3% designated wheelchair space, and 5% designated adaptive seating
4. Cafetorium to have assistive listening device

Location	Current Condition	Proposed Work	Budget
Door	The double doors to the top level seating are 890mm clear at full swing. The double door at mid level is 790mm clear and the single door at lower level is 790mm clear. Doors have small high glazing.	Install magnetic hold open. Install one barrier free operators. Replace mid level door with single barrier free door with sidelight. Enlarge door opening at lower level for new barrier free door.	\$16,000
Path of travel	All levels are accessible by ramps in the corridor, except for the stage. The stage has removable steps at the apron, and stair access from the drama room. There is no fixed seating. The steps between levels have black abrasive strips.	Refer to Room 124 Drama.	
Severy	The servery has large folding doors that are fully open during operation. There is ample clear space in the servery. There is no tray rail. There is an open counter section before cashier at 930mm high.		
P/A system	There is no assistive listening device.	Install new assistive listening device.	\$4,500

K. Classrooms

Accessibility Plan:

1. At least one of each specialty classrooms to be accessible (i.e. one of two Chemistry rooms)
2. At least one typical classroom in each wing to be fully accessible
3. Accessible rooms to have at least one barrier free workstation, and all boards to be accessible.
4. Accessible rooms with closer to have automatic door operators

Location	Current Condition	Proposed Work	Budget
First Floor Classroom/ Computer room	Room 111-116 have doors that open to 890mm clear. Room 117/118 doors are recessed from the corridor with no clearance on the latch side, and they are 850mm clear. Room 120 door is 850mm clear with a self closing device. The blackboards are at 950mm and they are accessible. All tables are loose furniture.		
Second Floor Classroom/ Computer room	All classrooms doors are 850mm clear. Room 212 door does not have adequate clearance on latch side. The blackboards are at 950mm and they are accessible. All tables are loose furniture.	Install swing clear hinges for 1 classroom and 1 computer room.	\$500
Portapack Rooms 179-190	The doors are 850 mm clear. They open inwards and have knob handles. There are no obstructions. The blackboards are at 950 mm high.	Install swing clear hinges for 2 doors.	\$500
121/122 Art Rooms Dark Room	The doors are recessed from the corridor with no clearance on the latch side. They are 850mm clear. There are perimeter counter and storage. The sinks are not barrier free. In Room 121, the blackboards are at 1100mm high. In Room 122, the smart board is at 865mm, and there is mezzanine storage. The dark room has a small vestibule. The room has counter both side and the clearance in between the counter is 1200mm.	Install swing clear hinges with an automatic door operator at Room 122. Install a barrier free counter with sink. For dark room, install swing clear hinges with automatic door operator. Remove inside vestibule wall and install a black out curtain. Remove counter on one side and install a 1500mm long barrier free counter with sink.	\$15,500

123/125 Family Study	The doors are recessed from the corridor with no clearance on the latch side. The doors are 860mm clear with self-closing devices. Room 123 is open with loose furniture. The blackboards are at 935mm high, and they are accessible. Room 125 has residential kitchen setup. There are adequate aisle spaces.	Install automatic door operator for Room 125. Install a barrier free counter with sink.	\$8,000
124 Drama	The doors are recessed from the corridor with no clearance on the latch side, and they are 850mm clear. The room has stairs up to the backstage, and to mezzanine storage. The blackboards are at 900mm.	Install swing clear hinges with automatic door operator. Install platform lift to access stage level.	\$29,750
126/127 Music	The doors are recessed from the corridor with no clearance on the latch side, and they are 850mm clear. Room 126 is level and open. The blackboard is at 970mm high. Room 127 has 3 tiers in trapezoid shape. The blackboards are at 930mm high with low shelving below. The practice room doors are 840mm clear.	Install swing clear hinges with automatic door operators for both rooms. Install swing clear hinges for one practice room.	\$9,750
128 Auto Tech	The door is 845mm clear, with adequate clearance. The room has a foot paddle wash fountain. The benches have storage under and are not accessible. The aisle spaces are adequate. The boards are at 950mm and accessible. The storage mezzanine is not accessible.	Install swing clear hinges, and an automatic operator. Install new barrier free wash fountain with auto sensor.	\$19,250
129 Electronics Lab	The door is 845mm clear, with adequate clearance. The lab benches are at 770mm and 900mm high, with adequate knee space. Black boards are at 930mm and accessible. Aisle space is adequate. The light switches are at 1390mm and Thermostats at 1400mm high.	Install swing clear hinges, and an automatic operator.	\$4,750
130 Wood Working	The door to the corridor is 845mm clear. The door to the room is 1190mm with no pull side clearance. The room has a foot paddle wash fountain. The benches are at 850mm and the black boards are at 950mm with low shelving in front.	Install swing hinges at the corridor with an automatic operator. Install new barrier free wash fountain with auto sensor. Remove low shelving in front of black boards.	\$20,000
131 Communication Tech	The door is 845mm clear, with adequate clearance. The computer desks are loose furniture at various heights. The edit room door is 840mm clear. The mezzanine storage is not accessible.	Install swing clear hinges for both doors.	\$500

216/218/219/220 Science	<p>The doors are 840mm and swing outwards.</p> <p>Room 216 is missing the self closing device. There are 3 lab benches with 1015mm clearance on wall side. The centre of room is open. The blackboard is at 960mm high and accessible. The door from Room 216 to workroom and prep room is 860mm clear.</p> <p>Room 218-220 have large island lab benches. The aisles range from 1080-1400mm. The blackboards are at 920mm with low shelving below.</p> <p>There are no barrier free lab benches.</p>	<p>Install swing hinges at the corridor with automatic operator for Room 216 and 219. Remove low shelving below blackboard in room 219. Install barrier free lab counter with sink in both rooms.</p>	\$17,250
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L. Student Washrooms

1. Student washrooms to have a barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
2. Male student washrooms to have a barrier free wall mounted urinal with rim lower than 430 mm high and grab bars both side; flush control to be lower than 1200 mm high
3. Student washrooms to have one barrier free lavatory
4. One soap dispenser & hand dryer to be between 900mm – 1200 mm high
5. One mirror to be at 1000 mm high maximum
6. Washrooms to have 1100 mm unobstructed path throughout
7. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front
8. Washrooms to have no doors or doors with automatic door operator

Location	Current Condition	Proposed Work	Budget
Boys WR (Locker Area)			
Door	The door is recessed from the corridor with no clearance on the latch side. It is 850mm clear.	Remove the door	
Toilet stall	There are 2 regular stall and 1 bigger stall. The bigger stall is irregular shape and about 1335x1280mm. The door opens out and is 875mm clear. The toilet does not have a lid/back. The grab bar behind the toilet is 640 mm long and 830 mm high. It is slip resistant. The toilet paper is at 710mm high. The stall has a push lock. It can be used with one hand.	Remove middle stall and reinstall partition for proper size barrier free stall. Install new seat lid, L-grab bar, coat hook and relocate toilet paper dispenser.	
Urinal	There are 7 wall mounted urinals. The rims are 610 mm high. There is an automatic flushing system.	Relocate 1 urinal lower and install grab bars.	
Sink	There is a foot operated wash fountain and a sink. The sink is 760 mm high. Knee space is 640 mm high x 260 mm deep. The clear space in front of the sink is 870 mm wide. The pipes are not insulated or recessed. The sink has short levered faucets.	Replace sink with new barrier free sink.	
Accessories	The soap dispenser is wall mounted above the wash fountain and not accessible. The automatic hand dryer is wall mounted at 1100 mm high. The paper towel is above the sink at 1300mm high. The bottom edge of mirror is 1200 mm high. It is installed vertically.	Install a new soap dispenser, a paper towel dispenser and a mirror close to new sink.	
			\$19,500

Clearance / Path of Travel	The entry way has adequate clearance.	
Girls WR (Locker Area)		
Door	The door is recessed from the corridor with no clearance on the latch side. It is 850mm clear.	Remove door.
Toilet stall	There are 6 regular stall and 1 barrier free stall. The barrier free stall is 1415 x1342 mm. The door opens out and is 740mm clear. The toilet seat is 490 mm high. There is no back support. The flush controls are on the transfer side. The clear space beside the toilet is 720 mm. There is a horizontal grab bar at the back and L shape grab bar at the side. The L shape grab bar is at 850mm high. The coat hook is at 1050mm high. The toilet paper dispenser is at the back wall at 759mm high, the napkin disposal is at the far side wall at 885mm high.	Remove 1 stall next to barrier free stall and install new barrier free partition with 860mm wide door. Install a new seat lid/back. Reinstall toilet paper dispenser, L shape grab bar, napkin disposal, and coat hook at accessible height.
Sink	There are a foot controlled wash fountain and a sink. The sink is 760 mm high. Knee space is 640 mm high x 260 mm deep. The pipes are not recessed. The sink has short lever faucets.	Replace sink with new barrier free sink.
Accessories	The paper towel dispenser is wall mounted above the wash fountain and not accessible. The automatic hand dryer is wall mounted at 1060mm and it protrudes 230 mm into the path of travel. The sanitary napkin dispenser is at 1570 mm high.	Relocate hand dryer and sanitary napkin dispenser. Install a paper towel dispenser and a soap dispenser close to new sink.
		\$19,500
Clearance / Path of Travel	The aisle in front of the toilet stall is 1400mm. The path into the washroom is obstructed by the hand dryer and the clearance is 760mm.	
Boys WR (2nd Floor)		
Door	Not accessible at time of review	\$19,500
Girls WR (2nd Floor)		
Door	The door is 840 mm clear. It opens to a long 1260mm corridor.	Install swing clear hinges with an automatic door operator

Toilet stall	There are 2 regular stalls and 1 barrier free stall. The barrier free stall is 1570 x 1420 mm. The door is 770 mm clear and opens out. There is a "D" pull on the outside only. The toilet seat is 490 mm high. The toilet has a lid top. The flush control is not on the transfer side. The horizontal grab bar behind the toilet is 640 mm long and 910 mm high. There is an "L" shaped grab bar beside the toilet at 544mm high. All bars are slip resistant. The toilet paper is at 1095mm high. Napkin disposal is at far side wall at 800mm high. There is no coat hook.	Install new barrier free stall partition to include the aisle space, and provide 860mm wide door. Install a new flush valve and a coat hook. Relocate L grab bar, toilet paper and napkin disposal.
Sink	There is a foot operated wash fountain and a sink. The sink is 790 mm high. Knee space is 650 mm high x 250 mm deep. The clear space in front of the sink is 1000 mm wide. The pipes are not insulated or recessed. The sink has short levered handles.	Replace sink with new barrier free sink.
Accessories	The soap dispenser is wall mounted above the wash fountain and not accessible. The paper towel dispenser is wall mounted at 1060 mm high. The automatic hand dryer is wall mounted at 1240 mm high. The bottom edge of mirror is 990 mm high. It is installed vertically.	Add a new soap dispenser close to new sink.
Clearance / Path of Travel	Paths of travel range between 1060 mm - 1150 mm wide.	
		\$17,250

M. Student Change rooms:

1. All student change rooms to be accessible.
2. Change rooms with washrooms to have one barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
3. Change rooms with shower facility to have one barrier free shower with 1500 mm x 900 mm clearance, shower seat with L grab bar, barrier free shower fixture and recessed soap dish
4. At least one lavatory to be accessible
5. At least one soap dispenser & hand dryer to be between 900 mm – 1200 mm high
6. At least one mirror to be 1000 mm high from floor maximum
7. Change rooms to have 1100 mm unobstructed path throughout and 860mm clear doorways.
8. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front

Location	Current Condition	Proposed Work	Budget
Boys Change room			

Door	The door is recessed from the corridor with no latch side clearance. The door is 855mm clear. Both entrance ways from the corridor to Change room and Washroom are 1000mm.	Remove doors and wall between washroom and change room doorway. Build a new corridor wall and install a new door with automatic door operator.
Toilet stall	There are 1 regular stall and 1 barrier free stall. The barrier free stall is 1415x1850mm. The door opens in and is 770mm wide. The toilet has a seat back. There is a horizontal grab bar at the back and L grab bar beside the toilet at 560mm high. The toilet paper dispenser is at 890mm high.	Install new barrier free stall partition with 860mm door and proper clearance. Relocate L grab bar and toilet paper dispenser.
Urinal	There is 3 wall mounted urinals. The rim is at 625mm high.	Lower 1 urinal. Install grab bars.
Sink	There is a foot controlled wash fountain.	Install a barrier free sink
Shower	There is a corridor to the shower area. The opening from the change area is 840 mm wide. The corridor is 1410 mm wide. The opening to the shower is 1070 mm wide. The shower area is wide open with 1 barrier free faucet with seat. The faucet control is at 1200mm high, and the shower head is not adjustable. There is an L grab bar only.	Replace barrier free faucet, seat and grab bars to meet current standards.
Accessories	The bottom of mirror is at 1250mm high. The soap dispenser is above the wash fountain.	Install a new mirror, a soap dispenser and a paper towel dispenser near new sink.
Clearance / Path of Travel	The change room is an open area. Aisles between the benches range between 1270 mm - 1390 mm wide.	
Girls Changeroom		
Door	The door is recessed from the corridor with no latch side clearance. The door is 855mm clear. Both entrance ways from the corridor to Change room and Washroom are 1000mm.	Remove doors and wall between washroom and change room doorway. Build a new corridor wall and install a new door with automatic door operator.

\$20,500

Toilet stall	There are 3 regular stall and 1 barrier free stall. The barrier free stall is 1415x1850mm. The door opens out and is 770mm wide. The toilet has a seat back. The flush valve is not on the open side. There is a horizontal grab bar at the back and L grab bar beside the toilet at 550mm high. The toilet paper dispenser is at 860mm high.	Install new barrier free stall partition with 860mm door and proper clearance. Replace flush valve and install a coat hook. Relocate L grab bar, toilet paper dispenser, and napkin disposal.	
Sink	There are a foot controlled wash fountain and a sink. The sink is at 810mm high with lever handles. It is not functional.	Install a barrier free sink	
Shower	There is 1 small toilet stall, 1 barrier free shower and 7 regular showers. The opening to the barrier free shower is 870mm. The shower stall is 920x1830 with 900mm deep space in front. The shower seat is 490mm high with grab bar. The faucet does not have hand held shower. The wall tiles are in very bad condition.	Remove the small toilet and stall. Remove and reinstall barrier free shower stall wall for clearance. Replace faucet, seats, and grab bar to current standards. All shower walls should be re-tiled.	
Accessories	The mirror is at 795mm high. The paper towel dispenser is at 1250mm high. The soap dispenser is at 1150mm high. The napkin dispenser is at 975mm high.	Install a paper towel dispenser and soap dispenser near new sink.	\$28,000
Clearance / Path of Travel	The change room is an open area. Aisles between the benches range between 1270 mm - 1390 mm wide.		
Team Change room			
Door	The door is recessed from the corridor with no latch side clearance. The door is 855mm clear. Both entrance ways from the corridor to Change room and Washroom are 1000mm. The change room connects to the washroom and shower for the main boys change room.	Remove doors and wall between washroom and change room doorway. Build a new corridor wall and install a new door with automatic door operator.	\$15,500
Clearance / Path of Travel	The change room is an open area. Aisles between the benches range between 1270 mm - 1390 mm wide.		

N. Universal Washroom

Accessibility Plan:

1. One universal washroom to be provided
3. Universal washrooms to have barrier free doors with automatic door operators, 1700 mm turning radius and space for adult change table
4. Toilets to have wheel chair transfer space, back support, back and side grab bar, toilet paper dispenser and napkin disposal complying with OBC
5. Sinks and faucets to be barrier free
6. Mirrors to be 1000 mm high max, or tilted.
7. Soap dispenser, hand dryer, coat hook, shelf and paper towel dispenser to be between 900 mm – 1200 mm high.
8. Light control to be on motion sensor
9. Universal washroom to have emergency call system with audible / visual device and emergency sign.

Location	Current Condition	Proposed Work	Budget
Currently the school does not have a single room barrier free washroom or a barrier free staff washroom that meet current standards. There is an all gender washroom and male staff washroom outside of the technology wing. The recommendation is to retrofit the current all gender washroom as a barrier free unisex staff washroom, and retrofit the current male staff wash room as the all gender/universal washroom.			
Universal Washroom (Existing male staff washroom)			
Door	The door is 840mm clear. There is a 1050x1140mm vestibule with another door.	Install swing clear hinges with an automatic door operator. Remove inside vestibule wall and door.	
Toilet	There is 1 urinal and a regular toilet stall.	Relocate toilet to current barrier free standards.	
Sink	There is 1 sink that is not barrier free.	Remove existing and install new barrier free sink at new location.	
Accessories		Install grab bars, toilet paper dispenser, napkin disposal, mirror, shelf, and coat hook at accessible heights.	
Clearance / Change Table	The washroom is 2000mmx2640mm	Clear space and space for folding adult change table is adequate.	

Light Control	The washroom has a manual switch light.	Install a motion sensor control.	
Emergency call system		Install emergency call system.	\$13,250
Barrier Free Staff Washroom (Unisex)			
Door	The door is 840mm clear. The entry way is 1140mm wide.	Install swing clear hinges and remove closer.	
Toilet	There is 1 regular toilet stall.	Relocate toilet to current barrier free standards.	
Sink	There is 1 sink that is not barrier free.	Remove existing and install new barrier free sink at new location.	
Accessories		Install grab bars, toilet paper dispenser, napkin disposal, mirror, shelf, and coat hook at accessible heights.	\$7,250
Clearance	The washroom is 1700mm x 2640mm		

O. Staff Workrooms

Accessibility Plan:

1. Access to common staff area to be barrier free.
2. Other accommodation will be tailored to specific requirement when needed.

Location	Current Condition	Proposed Work	Budget
Staff Room	The door with side light opens 860mm clear and has a closer. Interior corridor to Administration is 1325mm. The room is open with a non-barrier free kitchenette. Copy room and female staff washroom has automatic door operator. The barrier free washroom stall does not meet current standards.	Install an automatic door operator.	\$4,500
Workrooms	The doors are 840 mm clear.		

P. Building Wide Components:

Accessibility Plan:

1. All public area to be barrier free.
2. Barrier free rooms to have barrier free doors that are 860 mm clear.
3. All doors to have lever handle, with the bottom of the glazing to be maximum 900 mm high
4. At least one barrier free drinking fountain to be provided on each floor
5. Visual and audio fire alarm to be installed in public areas, corridors, and classroom with high noise levels
6. Controls such as light switch, equipment control, thermostats are not controlled by the student. Specific provisions will be considered on a case-by-case scenario.
7. Braille signage to be provided at 1500 mm high, and pictorial signs to be provided for all barrier free washroom & change rooms
8. Public and student area to have adequate light level

Location	Current Condition	Proposed Work	Budget
Doors	Most doors in school do not have 860mm clear width. Most doors have a knob handle. Classroom doors have small glazing that is high around 1200mm-1500mm. The typical doorway is around 1050 mm with no clearance at pull side. Many exterior doors and stair doors have a plate handle.	Replace existing door with lever handle and larger glazing at 900mm high max. Replace plate handle with D or lever handle. Barrier free entrances and classroom doors to be updated to current accessibility standards as outlined above.	\$52,500
Drinking Fountain	There are many drinking fountains in the ground floor corridor, and one in the second floor corridor. There are two drinking fountains with bottle filler on the ground floor. The sprout is at 940mm.	Lower one drinking fountain with bottle filler to barrier free height.	\$2,300
Fire alarm system	There are audio and visual alarms in corridors, music rooms and technology shop areas.		
Light Level	The overall light level in the school is adequate.		
Controls	Most classroom switches are at 1170 mm high. Some light switches are 1500 mm. Thermostats are at 1400 mm high.		

Signage	There is no tactile or Braille signage in school. Signs use Arabic numbers that are 30 mm high. Signs are white lettering on green background. Signs are mounted above the door. They are 2200 mm high.	Remove existing signage. Install new room signage with Braille and pictorial signs for all public rooms. Install new pictorial signs for barrier free washrooms and change room facilities.	\$9,040
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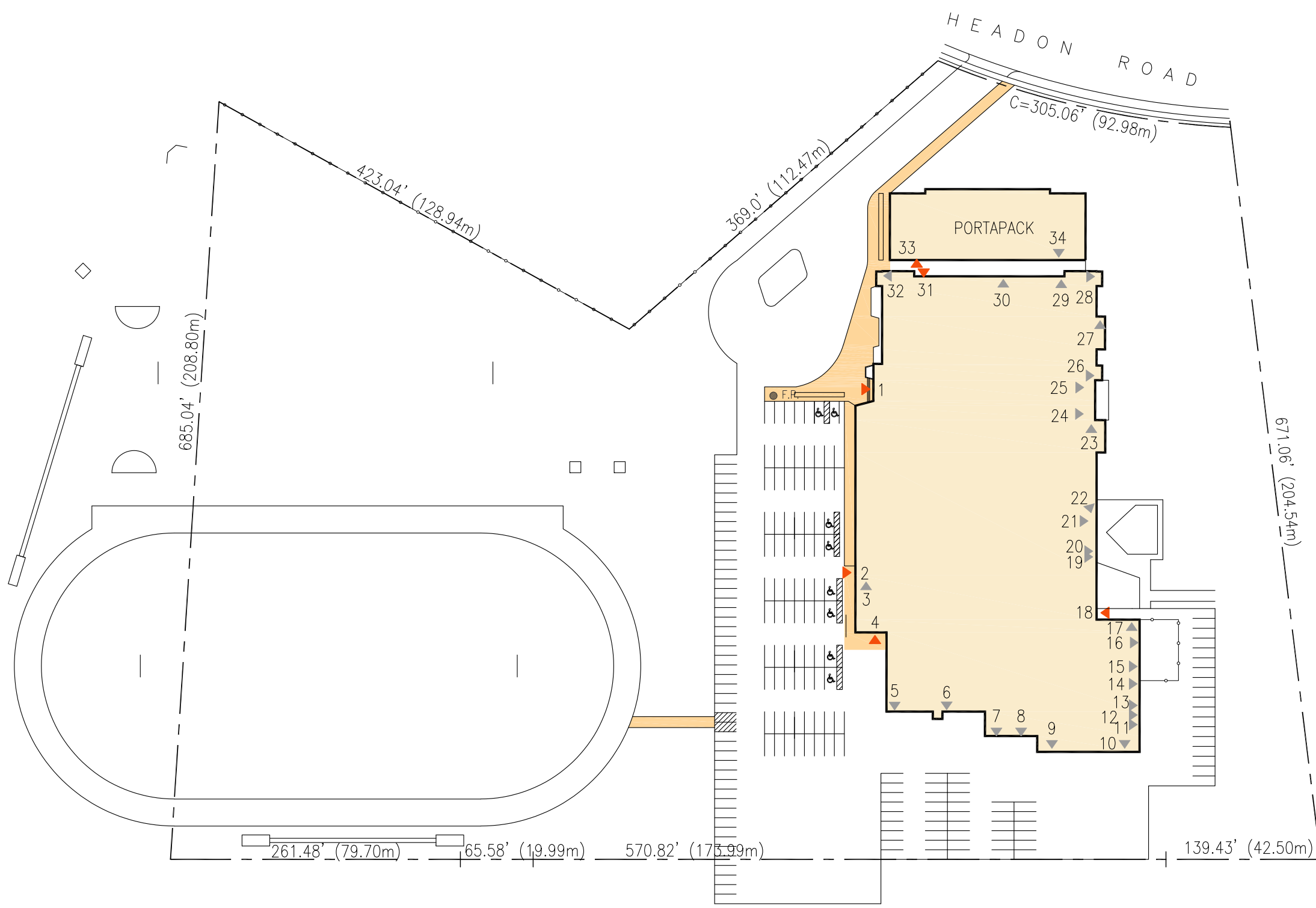
SUBTOTAL **\$932,190**



ALLOWANCES

Remediation for Designated Substances	10%	\$93,219
General Conditions, and Overhead & Profit	20%	\$186,438
Design and Permit Fees	15%	\$139,829
Budget Contingency	20%	\$186,438

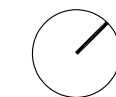
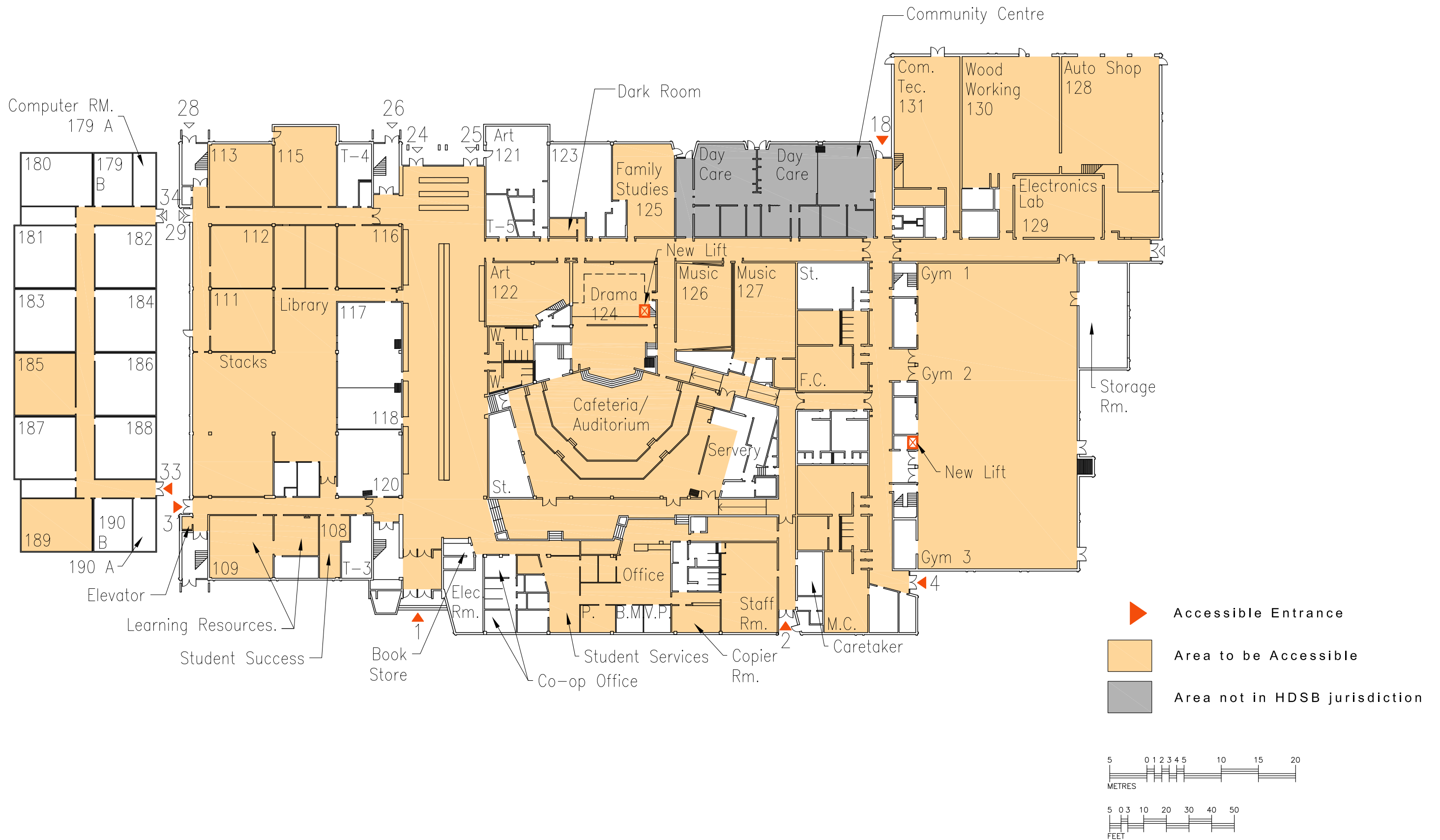
HST not included

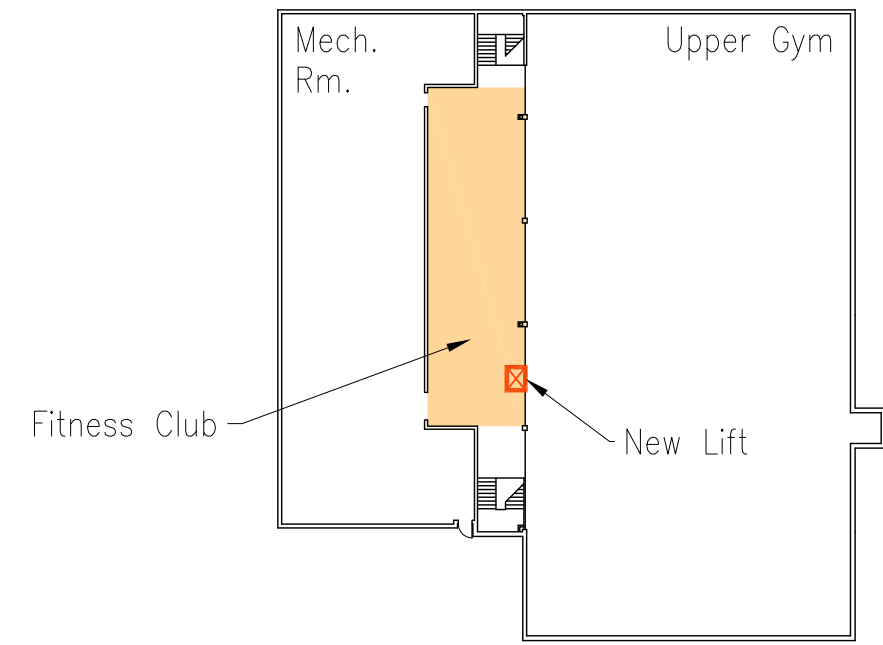
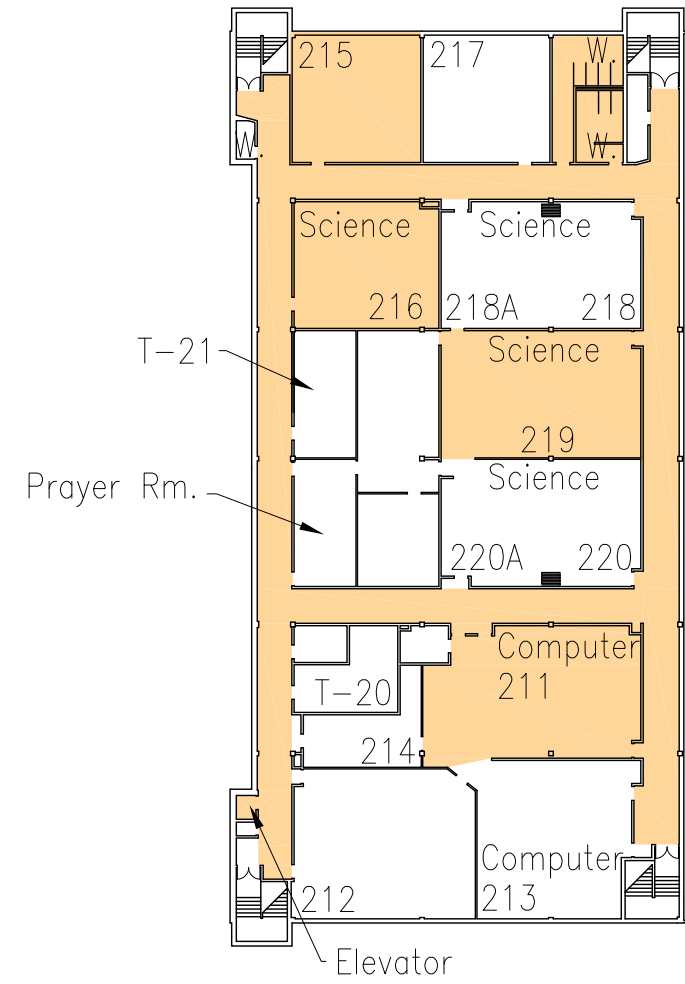
TOTAL **\$1,538,114**






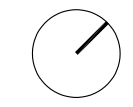
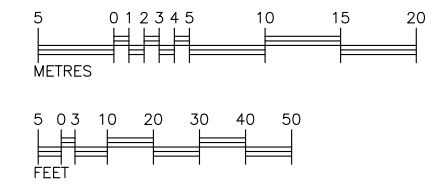
 Accessible Entrance
 Accessible Path

10 0 10 20 30 40
 METRES
 10 0 20 40 60 80 100
 FEET





-  Accessible Entrance
-  Area to be Accessible
-  Area not in HDSB jurisdiction



Halton District School Board Facility Audit for Accessibility

February 8, 2017

M. M. ROBINSON HIGH SCHOOL

SITE ACCESSIBILITY

A. Parking:

Accessibility Plan:

1. 4% of parking stalls to be barrier free
2. Barrier free stall to be equal number of van (3400mm wide) and car (2400mm wide) type barrier free space with 1500mm aisles
3. Barrier free stalls to have sign post

Location	Current Condition	Proposed Work	Budget
Barrier free stalls	<p>The front parking lot (Upper Middle Road) has 150 parking spaces with 6 barrier free parking spaces. The east parking lot is shared with the school board and difficult to determine number of parking used by the school.</p> <p>There are four barrier free spaces near the auditorium entrance (#38) They are 3900mm wide without access aisles. There is 1 space near the main entrance, and there are 2 spaces near the pool entrance with an access aisle.</p>	Repaint lines with access aisles.	\$1,200
Signage	All spaces have floor markings and sign posts.		

B. Pathway:

Accessibility Plan:

1. All pathways to be 1500mm min, except at curb ramp
2. Pathway to have minimum 1:20 slope
3. Barrier free parking & crossings to have curb ramps with 1200mm minimum width, and 1:10 maximum slope
4. Curb ramps to have 610mm wide tactile walking surface indicator

Location	Current Condition	Proposed Work	Budget
Walkway to Main Entrance from Upper Middle Road	There is a very wide sidewalk from Upper Middle Road to the main entrance. The sidewalk connects to a wide covered bus waiting area and Entrance #39. There are curb ramps along the sidewalk. The one near Entrance #39 is broken up and full of debris.	Install tactile walking surface indicators at all curb ramps.	\$15,000
Walkway to East Wing from Upper Middle Road	There is an 1830mm wide asphalt sidewalk along driveway. It connects to the East entrance across a service driveway.		
Walkway to the sports field	There is a wide asphalt path connected to the drive way.		

C. Ramp:

Accessibility Plan:

1. Slope over 1:20 is considered a ramp. Ramps to have a maximum slope of 1:15
2. Ramps to be 900mm wide minimum
3. Ramp landings at top, middle and bottom to be 1670mmx1670mm minimum
4. Ramps to have tactile warning surface indicator at the top.
5. Ramps to have guardrails and hand rails both sides, complying with OBC
6. Ramps to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
	The school sits on a site with lots of grade changes, thus there are exterior access from different levels. Parts of site have steep driveways and paths that cannot be made barrier free. The school does have good barrier free connections to streets and the field.		
Pool Entrance #32/33/34	There is a ramp of connecting Entrance #32/33 to #34, and a ramp down to the drop of area.	Pool area not in scope.	

D. Stairs:

Accessibility Plan:

1. Stairs to have maximum 180mm riser, and minimum 280mm tread
2. Stairs to be 900mm wide minimum
3. Stairs landing at top, middle and bottom to be 1670mmx1670mm minimum
4. Stairs to have tactile warning surface indicator at the top of the stairs
5. Stairs to have to have intermediate rail if it is wider than 2200mm
6. Treads to have non-slip, high contrast marking at nosing

Location	Current Condition	Proposed Work	Budget
Pool Entrance #32/33	There is a large upper landing with a flight of stairs with ramp.	Pool area not in scope.	

BUILDING

A. Entrance and Vestibules:

Accessibility Plan:

1. 50% of entrances to be barrier free with door operators and ramp access, including the main entrance
2. Space within vestibules to accommodate wheel chair outside of door swing.
3. Door opening to be 860mm clear. Bottom of glazing in door to be lower than 900mm.

Location	Current Condition	Proposed Work	Budget
Main Entrance (Entrance #1)	The entrance has 2 double doors. The doors are 790mm clear. The vestibule doors are 860mm clear. The vestibule is 2330mm deep. There are automatic door operators. The buttons are small rectangles on the mullion.	Replace exterior double doors. Replace door operator buttons with 150mm diameter round plates	\$8,500
Entrance #2	The exterior doors are 910mm clear. The corridor doors are 945mm clear. There is a 100mm step at the frost slab to the walkway.	Re-grade path meet frost slab at 5% slope max. Install automatic door operators.	\$6,500
Entrance #4	The door is 950mm clear. It exits to a large landing with guard and pickets. There is a small step down from the landing to the asphalt walkway.	This is not a designated barrier free entrance. It is recommended to re-grade asphalt path to meet landing.	\$2,000
Entrance #5	The doors are 900mm clear. The vestibule doors were removed. The door leads to a large path to the east parking lot.	Install an automatic door operator.	\$4,500
Entrance #12	The exterior door is 950mm clear. The vestibule doors are 970mm clear. The vestibule is deep. The door leads to a gentle sloped path outside.	The entrance is accessible but is not a designated barrier free entrance since it is not a significant connection inside or outside.	
Entrance #17	The exterior doors are 775mm clear. The corridor doors are 960mm clear. There is a step down at the door. It leads to the loading dock area.	This is not a barrier free entrance.	
Entrance #18	The exterior doors are 870mm clear. The corridor doors are 875mm clear. It connects to a path on a steep slope.	This is not a barrier free entrance.	

Entrance #20 -courtyard	The exterior doors are 800mm clear. The corridor doors are 860mm clear.	This is not a barrier free entrance.	
Entrance #21 -courtyard	The doors are 890mm clear.	Install an automatic door operator.	\$4,500
Entrance #27	The exterior door with sidelights is 820mm clear. There is an automatic door operator. The entrance is flush with outside playground.	Replace doors with larger double doors.	\$7,500
Entrance #32/33/34		Pool Entrance not in scope	
Entrance #38	The exterior double doors are 860mm clear. The vestibule doors are 860mm clear. The vestibule is 2490mm deep.	Install automatic door operators.	\$4,500
Entrance #41	The doors are 790mm clear.	This is not a barrier free entrance.	

B. Stairs:

Accessibility Plan:

1. Upper floor landings to have tactile warning surface indicator
2. Treads to have non-slip and visually contrasting strip at nosing
3. Stairs to have graspable handrail between 865-965mm high with 50mm clearance, and adequate top and bottom extension
4. Stairs to have guardrail at 1070mm high minimum
5. Stairs to have to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Entrance#1 Open Stair to Main Office	The stairs have tile treads and risers at 170 mm high x 310 mm deep. The tile treads have textured nosing but not colour contrast. Metal guardrail and handrails are installed on both sides of the stairs. The guardrail is at 1100mm high, and the handrail is at 900mm high with 300mm extension. The rails are continuous at the top landing. There are no vertical pickets. There are 3 robust horizontal members. There is no tactile warning on the top landing.	Install tactile walking surface indicators at the top landing and abrasive colour strip at the nosing. The rails are in good condition but are not fully compliant. It is recommended to install tempered glass guard or plexi glass guard fastened to the horizontal members.	\$8,450

Entrance #1 Open Main Stair to 2nd Floor	The stairs have tile treads and risers at 170 mm high x 310 mm deep. It is 4370mm wide. The tile treads have textured nosing but not colour contrast. Metal guardrail and handrails are installed on the open side. The guardrail is at 1100mm high, and the handrail is at 900mm high with 300mm extension. The rails are continuous at the top landing. There are no vertical pickets. There are 3 robust horizontal members. There glass block wall below guardrail at the top landing. There are wall handrail and intermediate handrail. There is no tactile warning surface indicator on the top landing.	Install tactile walking surface indicators at the top landing and abrasive colour strip at the nosing. The rails are in good condition but are not fully compliant. It is recommended to install tempered glass guard or plexi glass guard fastened to the horizontal members.	\$8,450
Entrance #1 Open Main steps To 1st Floor Lower Level	The stairs have tile treads and risers at 170 mm high x 310 mm deep. It is 4370mm wide. There are 3 treads total. The tile treads have textured nosing but not colour contrast. There is a wall handrail at one side only; it is at 900mm high with 300mm extension at the top and 600mm extension at the bottom. There is no tactile warning surface indicator on the top landing.	Install tactile walking surface indicators at the top landing and abrasive colour strip at the nosing. Install 1 wall handrail and 1 intermediate handrail.	\$9,700
Stairs @ Entrance #2	The stairs have terrazzo treads and risers at 180 mm high x 300 mm deep. There are 2 black abrasive strips at the nosing. Handrails are installed on both sides of the stairs at 915 mm high. The wood handrail is 70 mm wide. The clear space between the handrail and wall is 300 mm. It is continuous on the inside of the switchback. It does not extend at the bottom of stairs. The pickets are 200mm apart. There is an EVAC chair at the landing.	Install tactile walking surface indicators at the top landing. Remove handrails and install guardrail / handrail system to current standards.	\$17,700
Stairs @ Entrance #17	The stairs have terrazzo treads and risers at 180 mm high x 300 mm deep. There are 2 black abrasive strips at the nosing. Handrails are installed on the open side of the stairs at 915 mm high. The wood handrail is 70 mm wide. The clear space between the handrail and wall is 300 mm. It is continuous on the inside of the switchback. It does not extend at the bottom of stairs. There is no wall handrail. The pickets are 200mm apart. There is an EVAC chair at the landing.	Install tactile walking surface indicators at the top landing. Remove handrails and install guardrail / handrail system to current standards.	\$17,700

Stairs @ Entrance #18	The stairs have terrazzo treads and metal risers at 180 mm high x 310 mm deep. There are 2 black abrasive strips at the nosing. Handrails are installed on both sides of the stairs at 915 mm high. The wood handrail is 70 mm wide. The clear space between the handrail and wall is 60 mm. It is continuous on the inside of the switchback. It does not extend at the bottom of stairs. The pickets are 200mm apart. There is an EVAC chair at the landing.	Install tactile walking surface indicators at the top landing. Remove handrails and install guardrail / handrail system to current standards.	\$17,700
Stairs @ Entrance#20	The stairs have terrazzo treads and risers at 180 mm high x 300 mm deep. There are 2 black abrasive strips at the nosing. Handrails are installed on both sides of the stairs at 915 mm high. The wood handrail is 70 mm wide. The clear space between the handrail and wall is 300 mm. It is continuous on the inside of the switchback. It does not extend at the bottom of stairs. The pickets are 200mm apart. There is an EVAC chair at the 2nd floor.	Install tactile walking surface indicators at the top landing. Remove handrails and install guardrail / handrail system to current standards.	\$17,700

C. Corridor

Accessibility Plan:

1. All levels to be accessible, except for service spaces
2. Corridors to have clear width of 1600 mm min; or clear width of 1100 mm min with 1800 mm x 1800 mm turning space every 30 m
3. Cross-corridor doors to be on hold-open
4. Ramps to be 900 mm wide minimum, maximum 1:12 slope, and guardrail and handrail on both sides. Top, mid and bottom landing to be minimum 1760 mm x 1760 mm. Guardrail to be 1070 mm high, and handrail to be between 865 mm to 965 mm high with adequate top and bottom extension.

Location	Current Condition	Proposed Work	Budget
First Floor			
Path of Travel/ Corridors	The first floor has 2 levels. The upper level includes the main lobby and the auditorium/music wing. The rest of the 1st floor is on the lower level and accessible. There are 4 cross corridor doors. The door from lobby to auditorium wing is 1160mm clear and on hold open. The double door to the music wing is 860mm clear without centre post. The double door from lobby to the classroom wing is 830mm clear with sidelights. It is on hold open. The door to the north wing is 970mm clear without centre post.	Install an automatic door operator at the door to music wing. Replace door to classroom wing with larger doors. Install hold opens at door to North wing.	\$9,000

Ramp @ Lobby	The ramp is 900mm clear between handrails. There is guardrail and handrail on the lobby side and handrail on the wall side. The guardrail is at 1100mm high and handrail is at 900mm side. There are 3 horizontal members and no pickets, but there are concrete benches in front of the guardrail. The ramp is 8% slope.	Install tactile walking surface indicator at the top landing. The guardrail is not fully to code, but does not appear to present any safety concern.	\$1,250
Second Floor			
Path of Travel/ Corridors	The second floor is all on one level and accessible. The east and west wings have at grade entrances. There are 3 sets of cross corridor doors. 4 sets of doors have 965mm clear double doors without centre post, and automatic door operators. 3 sets of doors have hold opens without centre posts. The 2 double doors to the office wing are 730mm clear without centre post and there is an automatic door operator.	Install hold opens for doors to the office wing. Or if separation is functionally desired. Replace frame with 1 larger double doors.	\$4,000
Third Floor			
Path of Travel/ Corridors	The third floor is all on one level and accessible. There are 3 sets of cross corridor doors. 1 set of double doors have 725mm clear doors without centre post. 2 triple doors have 820-845mm clear doors.	Install hold opens on all doors except centre leaves for the triple doors. Install swing clear hinges for the triple doors. It is recommended to review and remove the north door if code compliant.	\$8,000

D. Elevator

Accessibility Plan:

1. All floor levels to be accessible, except for service spaces
2. Elevator to be full passenger elevator type
3. Elevator controls inside and outside of elevator to be accessible

Location	Current Condition	Proposed Work	Budget
Passenger Elevator (at Main Lobby)	The elevator has 4000lbs capacity. There are grab bars on 3 walls. The exterior control is 1250mm to key insert. The highest interior control is 1160mm. The elevator has access to all 3 floors.		

LULA Elevator (at Main Lobby)	The elevator cab is 900x1500mm. On the first floor, the door does not open automatically. The door has a lever handle. There is 1 side grab bar. The exterior control is 1150mm high. The interior control is 1250mm high.	This is currently used as convenience and backup elevator.
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E. Administration:

Accessibility Plan:

1. Main office to have barrier free entrance with an automatic door operator
2. At least one office to be accessible
3. Reception counter to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The office can be accessed from the main 2nd floor corridor door, or the stairs from the main lobby. The main double door is 900 mm clear and it has an automatic door operator. The buttons are 920mm high. The doors have a large light above 1070mm. The door from the stairs is 850 mm wide. Both doors have lever handles. The main door is automatic. Both buttons are 920 mm high. The doors to the Principal and Vice Principal's office are 860mm clear. The door to the Business Manager's office is 880 mm wide. The door to the kitchen area is 740 mm wide.	See remediation for all doors.	
Path of travel	The path to offices is 1010mm wide with build-in cabinetry obstruction.	Remove millwork along corridor.	\$2,500
Reception counter	The reception desk has high counter all around at 1100mm high. The desk is at 760mm high. There is ample clearance in front of the reception desk. The aisle at the reception desk is 1380mm. The high counters protrude into the aisle space, and reduce the clearance to 1070mm.	Remove 3 section of high counter. Remove high counter at the aisle space at least on 1 side.	\$2,250

F. Learning Resource & Student Success:

Accessibility Plan:

1. Student Services to have barrier free entrance
2. At least one office to be accessible
3. Reception counter to be accessible
4. Student work stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The door is 845 mm wide. It has a lever handle and a narrow light at high level. It has an automatic door operator. There is an interior alcove. It is 1020mm wide.	Install swing clear hinges.	\$250
Counter workstation	The reception desk has high and low counter. The high counter is at 1100mm and the low counter is 725mm with knee space. There is a large aisle space in front of the counter. The room has a typical classroom setup with loose furniture.		

G. Library

1. Library entrance to be barrier free entrance with an automatic door operator
2. Library to have 1100mm wide barrier free path throughout
3. Reception counter to be accessible
4. Computer stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The entrance has a double door without a centre post. The doors are 850 mm clear and have large upper and bottom glazing. The door has an automatic door operator.	Install swing clear hinges.	\$250
Path of travel	There is ample space in the library. There is mezzanine reading area in the library, with 2 stair access.	Install a chair lift on 1 stair.	\$25,000
Reception desk	The reception desk has no high counter. The desk is at 740mm high. The desk has knee space in front. The book drop is 910 mm high. The book drop is on casters and can be moved as needed.		
Computer station	The computer and work stations are loose furniture		

H. Gymnasium & Fitness Room

Accessibility Plan:

1. Gymnasium to have one barrier free entrance with an automatic door operator

Location	Current Condition	Proposed Work	Budget
Gym 1/ Gym 2	The double doors are 780mm clear. The door across from change room has an automatic door operator. The doors have large glazing at upper level only, and they have plate handles.	Enlarge door opening and install larger double door. See remediation for doors.	\$7,000
Stage	There are 2 stairs at front of stage. There is a stair at the backstage area. The door to the backstage door is 790mm clear. There is a raised wood platform on the stage with 2 stairs.	Enlarge door opening and install larger door with an automatic door operator. Remove 1 masonry wall and install a platform passenger lift.	\$42,000
Gym 3	The double doors are 780mm clear. The doors have large glazing at upper level only, and they have plate handles.	Enlarge 1 door opening and install larger double door. Install 1 automatic door operator. See remediation for doors.	\$11,500
Fitness Centre	The double doors are 780 - 870mm clear. The room is open with full height mirrors and loose equipment.	Install 1 automatic door operator.	\$4,500

I. Auditorium / Theatre

1. Auditorium to have barrier free access to seating area
2. Stage to be accessible
3. Seating to have 3% designated wheelchair space, and 5% designated adaptive seating
4. Auditorium to have assistive listening device

Location	Current Condition	Proposed Work	Budget
Door	There is a double door with 980mm clear opening and a single door with 830mm clear opening. The door to the backstage area is 1100mm clear.	Install automatic door operators, one at the main door and one at the backstage door.	\$9,000

Path of travel	There is a ramp behind the stage. The bottom landing is 1800 mm wide x 1670 mm long. The top landing is 1130 mm wide x 1200 mm long. The ramp is 1350mm wide. The slope is 5-7%. The handrail is not continuous. There is no tactile warning at top landing.	Install handrails on both side of ramp.	\$7,000
Seating	There is ample seating for wheelchairs.		
P/A system	There is assistive listening device present. The presence of the system is indicated with the ear symbol.		
Dressing Room	The door is 850mm clear. There are vanity sinks on an 860mm high counter. The knee space is 710mm high. There are 2 barrier free washroom stall. Each is 1575x2275mm.	Install swing clear hinges with an automatic door operator.	

J. Cafeteria

Accessibility Plan:

1. Cafeteria to have barrier free entrance
2. Servery to have barrier free path of travel throughout; doors to be on hold open during operation hours

Location	Current Condition	Proposed Work	Budget
Door	The entrance to the cafeteria has a double door with a centre post. The opens outwards. Each door is 800 mm clear. There is an automatic door operator.	Widen door opening for larger doors.	\$7,000
Path of travel	The cafeteria is open with loose furniture.		
Servery	The door to the servery is 900mm clear with closer. The door exiting cafeteria is 845mm clear with closer. It is propped open. The counter and tray slides are at 890 mm high. There are lots of clear counter area with no obstruction.	Install magnetic hold opens on both doors. Install swing clear hinges on the door to cafeteria.	\$4,500

K. Classrooms

Accessibility Plan:

1. At least one of each specialty classrooms to be accessible (i.e. one of two Chemistry rooms)
2. At least one typical classroom in each wing to be accessible.
3. Accessible rooms to have at least one barrier free workstation, and all boards to be accessible.
4. Accessible rooms with closer to have automatic door operators

Location	Current Condition	Proposed Work	Budget
Typical Classroom	The doors are 845mm clear typical. They have knob handles and small high glazing. The doors open inward into an interior alcove. It is 1015mm wide. There is a recessed closet beside the door. The blackboards are 950mm high. The room is open with loose furniture.	For 1 classroom in each wing: Remove closet beside door. Reverse latch side. (4 rooms) See remediation for all doors.	\$28,000
Typical Classroom 121/ 125/ 222/ 224	The doors are recessed in the corridor. The door is 845mm clear and it opens outward. They have knob handles and small high glazing. The alcove is 1025mm wide. There is a recessed closet beside the front doors. The blackboards are 950mm high. The room is open with loose furniture.	For 2 rooms: Install swing clear hinges. Remove 2 lockers and relocate locker nib walls.	\$9,500
Typical Classroom 320-325	There are no lockers in the corridor. The doors are 845mm clear. They have knob handles and small high glazing. The blackboards are 915mm high. Some have shelving below.	Install swing clear hinges for a door.	\$1,250
221 / 225 Computer Rooms	There are 2 doors for each room. The doors are recessed in the corridor. They are 845mm clear and open outwards. The alcove is 1025mm wide. There is a recessed closet beside the front doors. The room is open with loose furniture.	Rm 225: Install swing clear hinges. Remove 2 lockers and relocate locker nib walls.	\$9,500
125 Classroom	The doors are recessed in the corridor. The alcoves are 1025mm wide. The doors are 845mm clear. There is a recessed closet beside the door. There is a raised podium at the front of the room.		
101/ 102/ 104/ 105/ 108/ 109 Science	The doors are 845mm clear typical. They have lever handle and narrow glazing that start at low level. The door enters into an interior alcove. It is 1015mm wide. The blackboards are at 850mm high. There are island lab benches. The aisles are 1350mm wide. There are no barrier free stations.	For 2 science rooms: Install swing clear hinges and automatic door operators.	\$9,500

122/124 Family Study	The doors are recessed in the corridor. The alcoves are 1025mm wide. The doors are 845mm clear and have self closing devices. The blackboard is 970mm high. Room 122 is open with loose furniture. Room 124 has perimeter kitchen setup with 4 islands. The narrowest path is 890mm clear. The interconnecting door is 845mm clear.	Install swing clear hinges and automatic door operators. Install swing clear hinges for the interconnecting door.	\$9,750
241 Computer Engineering	The door with sidelight does not have a closer. The door is 845mm clear. The white board is 960mm high with shelving below. The computer desks are height adjustable.	Install swing clear hinges. Remove shelving below boards.	\$1,000
242 Small Engine 244 Auto Tech 246 Building Tech	The doors are recessed from the corridor. The doors are 845mm clear and open out. The alcoves are 1025mm wide. The door has lever handle with narrow high glazing. There are foot controlled wash fountains. The whiteboards and blackboards are at 950mm. Room 242 have benches at 830mm and 890mm high with knee space. Room 244/246 do not have accessible benches.	Install swing clear hinges and automatic door operators (3). Replace wash fountains with barrier free wash fountains with sensor (3).	\$57,750
243 Machine	The door is 1000mm clear with sidelight. The door has lever handle with narrow glazing at low level. The benches are 860mm high with knee space. The whiteboard is 910mm high with shelving below. There is a foot controlled wash fountain and a utility sink.	Install an automatic door operator. Replace wash fountain with barrier free wash fountain with sensor.	\$19,000
245 Electrical	The doors are recessed from the corridor. The doors are 845mm clear and open out. The door has a lever handle and narrow low glazing. The alcoves are 1025mm wide. There is a foot controlled wash fountains. There is an adjustable table. The smart board is at 900mm high. The whiteboards have shelving below.	Install swing clear hinges and automatic door operators (3). Replace wash fountains with barrier free wash fountains with sensor (3).	\$28,750
248 HVAC	The doors are 845mm clear and open out. There are 900mm high counters with a sink. The whiteboards are at 930mm high with shelving below. There is no accessible workstation.	Install an automatic door operator.	\$4,500
249 Cosmetology	The door is 850 mm clear. The door has a knob handle. It opens outwards. The hair washing stations are in a separate area with low wall. The opening into the washing stations is 1030mm wide. The counter height is 860 mm. The sinks have knob faucets. The paper towel dispenser is 1270 mm high. The dressing stations are around the perimeter of the room. The counter is at 830mm high. The mirror is at 920mm high.	Install swing clear hinges with an automatic door operator.	\$4,750

272 Art	The doors are 880mm clear with closers. They have lever doors with narrow high glazing. The white and black boards are at 950mm high. There is a counter with 2 sinks. They are not barrier free.	Install an automatic door operator. Install a barrier free sink station.	\$8,000
313 Dark room	The door is recessed in the corridor. It is 845mm clear. There is a recessed closet beside the door. There is a switch back entryway; it ranges from 1090-1100mm clear. The dark room has 20 standing station for film developing. Though there are dark room equipments in the room. It doesn't seem to be in use.	Install an automatic door operator. Remove entry wall, and install blackout curtain. Install a barrier free station.	\$10,500
154 / 159 Music	The doors are 1190mm clear with adequate clearance. The doors have lever handle with narrow glazing at low level. The blackboards are 1190mm high with shelving below. There is perimeter open storage. The practice room doors are 850mm clear.	Remove shelving below blackboards. Install swing clear hinges for 2 practice rooms.	\$750

L. Student Washrooms

1. Student washrooms to have a barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
2. Male student washrooms to have a barrier free wall mounted urinal with rim lower than 430 mm high and grab bars both side; flush control to be lower than 1200 mm high
3. Student washrooms to have one barrier free lavatory
4. One soap dispenser & hand dryer to be between 900mm – 1200 mm high
5. One mirror to be at 1000 mm high maximum
6. Washrooms to have 1100 mm unobstructed path throughout
7. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front
8. Washrooms to have no doors or doors with automatic door operator

Location	Current Condition	Proposed Work	Budget
Ground Floor Boys Washroom (by Stair #20)			
Door	The door opening is 845 mm clear. The entryway has a 910mm opening to the washroom.	Install swing clear hinges with an automatic door operator. Widen entryway opening to 1100mm.	
Toilet stall	There are 3 regular stalls and 1 barrier free stall. The barrier free stall is 1660 mm wide x 1410 mm long. The door is 750 mm clear and opens out. The toilet seat is 440 mm high, with a lid top. The flush controls are not on the transfer side. The grab bar behind the toilet is 640 mm long. It is 890 mm high. There is an L-grab bar beside the toilet. It's 800x800 mm. The horizontal bar is 560 mm high. The toilet paper dispenser is 820 mm high, mounted across the toilet.	Remove 1 regular stall. Install new barrier free stall partition. Replace flush valve. Relocate L grab bar and toilet paper dispenser. Install a coat hook.	
Urinal	There are 6 urinals. The urinals are floor recessed with a step up. The step is 120 mm high.	Remove 1 urinal with step. Install 1 wall mounted urinal and grab bars.	
Sink	There is a foot controlled wash fountain. There is a sink with short lever handle. It is 800mm high and the knee space is 660 mm high x 260 mm deep. The clear space in front of it is 970 mm wide.	Remove wash fountain and install a barrier free wash fountain with sensor.	
Accessories	The mirror is 1030 mm high, it is above the sink. The soap dispenser is above the wash fountain and it is 1280 mm high. The paper towel dispenser is 1140 mm high.	Install a new mirror and soap dispenser at accessible height.	
			\$28,750

Clearance / Path of Travel	There is adequate space in front of stalls.	
First Floor Girls Washroom (by Stair #20)		
Door	The door opening is 845 mm clear. The entryway has a 915mm opening to the washroom.	Remove door. Widen entryway opening.
Toilet stall	There are 6 regular stalls and 1 barrier free stall. The barrier free stall is 1645 mm wide x 1410 mm long. The door is missing. The toilet seat is 440 mm high, with a lid top. The flush controls are not on the transfer side. The grab bar behind the toilet is 640 mm long. It is 890 mm high. There is an L-grab bar beside the toilet. It's 800x800 mm. The horizontal bar is 560 mm high. The toilet paper dispenser is 710 mm high, mounted across the toilet. The napkin disposal is mounted on the wall behind the toilet. It is at 1060mm high.	Remove 1 regular stall. Install new barrier free stall partition. Replace flush valve. Relocate L grab bar, toilet paper dispenser and napkin disposal. Install a coat hook.
Sink	There is a foot controlled wash fountain. There is a sink with short lever handle. It is 770mm high and the knee space is 630 mm high x 250 mm deep.	Remove wash fountain and sink. Install new barrier free wash fountain with sensor.
Accessories	The mirror is 1330 mm high with shelf in front. The soap dispenser is above the wash fountain and it is 1360 mm high. The paper towel dispenser is 1190 mm high. The napkin dispenser is 1260mm high.	Install a mirror and a soap dispenser at accessible height.
		\$24,000
Clearance / Path of Travel	There is ample space in front of stalls.	
First Floor Girls Washroom (by Main Lobby)		
Door	The door opening is 845 mm clear.	Install an automatic door operator.
Toilet stall	There are 4 regular stalls and 1 barrier free stall. The barrier free stall is 1540 mm wide x 1540 mm long. The door is 825mm clear. There is a straight grab bar and an angled grab bar. The toilet paper dispenser is 700 mm high. The napkin disposal is mounted on the wall behind the toilet. It is at 650mm high. The coat hook is installed on the door.	Remove 1 regular stall. Install new barrier free stall partition. Relocate the toilet paper dispenser, napkin disposal and coat hook. Install new grab bars.
Sink	There are 3 countertop sinks. The counter is 850mm high and the knee space is 710mm high. They have short lever handles.	

Accessories	The mirror is 1000 mm high behind the counter. The soap dispenser is above the wash fountain and it is 1180 mm high. The paper towel dispenser is 1200 mm high.	Install a mirror and a soap dispenser at accessible height.	
Clearance / Path of Travel	There is a column in front of the stalls.	Locate barrier free stall door to ensure clearance.	\$12,000
2nd Floor Boys Washroom (by Stair #20)			
Door	The door is 845 mm wide. The entryway opening to washroom is 960mm wide.	Remove door. Widen entryway opening to 1100mm.	
Toilet stall	There are 5 regular stalls.	Remove 3 regular stalls and install a barrier free stall to current standards.	
Urinal	There are 5 urinals. The urinals are floor mounted with a step up. The step is 120 mm high.	Remove 1 urinal with step. Install 1 wall mounted urinal and grab bars.	
Sink	The sink is a foot operated wash fountain.	Remove wash fountain and install a barrier free wash fountain with sensor.	
Accessories	The soap dispenser is 1150mm high. The paper towel dispenser is 1150 mm high. The hand dryer is 1160 mm high. There is no mirror.	Install a mirror at accessible height.	\$31,500
Clearance / Path of Travel	There is adequate clearance in front of stalls.		
2nd Floor Girls Washroom (by Stair #20)			
Door	The door is 850 mm clear. The entryway opening to washroom is 960mm wide.	Remove door. Widen entryway opening to 1100mm.	
Toilet stall	There are 6 regular stalls.	Remove 3 regular stalls and install a barrier free stall to current standards.	
Sink	The sink is a foot operated wash fountain.	Remove wash fountain and install a barrier free wash fountain with sensor.	
Accessories	The soap dispenser is 1200mm high. The paper towel dispenser is 1250 mm high. The hand dryer is 1160 mm high. The mirror is at 1190mm. It is mounted above a shelf.	Install a paper towel dispenser and a mirror at accessible height.	\$31,500

Clearance / Path of Travel	The path into the washroom is 980 mm wide. The narrowest path is 1310 mm wide. The washroom is 6900 mm wide x 4100 long.		
2nd Floor Girls Washroom (by Room #220)			
Door	The door is 840mm clear. There is no clearance at the latch side.	Install swing clear hinges with an automatic door operator.	
Toilet stall	There are 6 regular stalls.	Remove 2 regular stalls and install a barrier free stall to current standards.	
Sink	The sink is a foot operated wash fountain.	Remove wash fountain and install a barrier free wash fountain with sensor.	
Accessories	The soap dispenser is 1400mm high. The paper towel dispenser is 1300 mm high. The mirror is at 1230mm.	Install a paper towel dispenser and a mirror at accessible height.	\$24,250
Clearance / Path of Travel	The aisle in front of stall is 1100mm clear.		
Third Floor Boys Washroom (by Stair #20)			
Door	The door is 845 mm wide. The entryway opening to washroom is 1000mm wide.	Install swing clear hinges with an automatic door operator. Widen entryway opening to 1100mm wide.	
Toilet stall	There are 3 regular stalls and 1 barrier free stall. The stall is 1310 mm wide x 1405mm long. The door to the accessible stall is 790 mm clear. The grab bar behind the toilet is 640 mm long. It is 880 mm high. There is an L grab bar beside the toilet. It is 800 x 800mm. The horizontal bar is 560 mm high. The toilet paper dispenser is 750 mm high. The coat hook is mounted on the door. It is 1380 mm high.	Remove 1 regular stall. Install new barrier free stall partition. Relocate L grab bar, toilet paper dispenser, and coat hook.	
Urinal	There are 6 urinals. 3 of them are wall mounted, 3 of them are floor mounted. They are on a 120mm high step.	Remove 1 urinal with step and install a wall mounted urinal. Install grab bars.	
Sink	There is a foot paddle wash fountain and a sink. The sink is at 810 mm high. Knee space is 670 mm high x 260 mm deep. The sink has lever faucets.	Remove wash fountain and install a barrier free wash fountain with sensor.	

Accessories	The soap dispenser is 1310mm high. The paper towel dispenser is 1240 mm high. The mirror is at 1040mm.	Install a soap dispenser, a paper towel dispenser, and a mirror at accessible height.	\$36,250
Clearance / Path of Travel	There is adequate space in front of toilet stalls.		
Third Floor Girls Washroom (by Stair #20)			
Door	The door is 845 mm wide. The entryway opening to washroom is 1000mm wide.	Install swing clear hinges with an automatic door operator. Widen entryway opening to 1100mm wide.	
Toilet stall	There are 6 regular stalls and 1 barrier free stall. The stall is 1710 mm wide x 1420mm long. There is no door. The grab bar behind the toilet is 640 mm long. It is 890 mm high. There is an L grab bar beside the toilet. It is 800 x 800mm. The horizontal bar is 560 mm high. The toilet paper dispenser is mounted opposite of the toilet at 710 mm high. The napkin disposal is mounted at the back of the toilet at 900mm.	Remove 1 regular stall. Install new barrier free stall partition. Replace flush valve. Relocate L grab bar, toilet paper dispenser and napkin disposal. Install a coat hook.	
Sink	There is a foot paddle wash fountain and a sink. The sink is at 810 mm high. Knee space is 650 mm high x 250 mm deep. The sink has lever faucets.	Remove wash fountain and install a barrier free wash fountain with sensor.	
Accessories	There is no soap dispenser. The paper towel dispenser is 1240 mm high. The mirror is at 1000mm above the sink. The napkin dispenser is at 1170mm high.	Install a soap dispenser, and a paper towel dispenser at accessible height.	\$28,750
Clearance / Path of Travel	There is adequate clearance in front of stalls.		

M. Student Change rooms:

1. All student change rooms to be accessible.
2. Change rooms with washrooms to have one barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
3. Change rooms with shower facility to have one barrier free shower with 1500 mm x 900 mm clearance, shower seat with L grab bar, barrier free shower fixture and recessed soap dish
4. At least one lavatory to be accessible
5. At least one soap dispenser & hand dryer to be between 900 mm – 1200 mm high
6. At least one mirror to be 1000 mm high from floor maximum
7. Change rooms to have 1100 mm unobstructed path throughout and 860mm clear doorways.
8. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front

Location	Current Condition	Proposed Work	Budget
Boys Change Room			
Door	The door from the corridor is 845 mm wide. It opens to a wide vestibule connecting to the washroom and the change room. The shower room is entered from the change room. The interior doors are also 845mm clear. The door to the shower room has no latch side clearance. The change room does not have direct access to the gym.	Install swing clear hinges with automatic door operators (3).	
Toilet stall	There are 3 regular stalls and 1 barrier free stall. The stall is 1875 mm wide x 1410 mm long. The door is 775mm clear. The toilet has a lid top. The seat is 420 mm high. The flush is on the transfer side. The grab bar behind the toilet is 640 mm long. It is 890 mm high. There is an L- grab bar beside the toilet. It is 800x 800mm. The horizontal bar is 560 mm high. The toilet paper dispenser is wall mounted on the front partition at 770 mm high.	Remove and install new barrier free stall partition and door. Relocate the L grab bar and toilet paper dispenser. Install a coat hook.	
Dressing Room	Benches along the perimeter are 450 mm high x 300 mm deep. There is a large open space in the centre. There is a team change room accessible from the shower room. It is a similar layout with perimeter bench.		
Urinal	There are 6 wall mounted urinals on a step. The step is 140 mm high. The rim is 650 mm high.	Lower 1 urinal and remove step. Install grab bars.	

Sink	There is a foot paddle wash fountain and a sink. The sink is at 865 mm high. Knee space is 650 mm high x 260 mm deep. The pipes are not recessed. The sink has short lever handles.	Remove wash fountain and install a barrier free wash fountain with sensor.	
Shower	There is a corridor outside of the shower area. It is 1200mm wide. The opening to the shower area is 1210mm wide. The shower room is open with 8 faucets. The controls are at 1350mm high. There is a fixed seat at 475mm high, and a horizontal grab bar at the back and side. There is a recess soap dish at 1100mm high.	Remove and install new barrier free faucet with hand held and adjustable shower. Replace seat with folding seat. Replace grab bar.	
Accessories	There is no soap dispenser. The paper towel dispenser is at 1225mm high. The coat hooks in the change room is 1640mm high.	Install a soap dispenser, a paper towel dispenser and 3 coat hooks at accessible height.	\$33,750
Clearance / Path of Travel	There are no obstructions to the path of travel.		
Girls Change Room			
Door	The door from the corridor is 845 mm wide. It opens to a wide vestibule connecting to the washroom and the change room. The shower room is entered from the change room. The interior doors are also 845mm clear. The door to the shower room has no latch side clearance. The change room does not have direct access to the gym.	Install swing clear hinges with automatic door operators (3).	
Toilet stall	There are 6 regular stalls and 1 barrier free stall. The stall is 1830 mm wide x 1405 mm long. The door is 790mm clear and opens out. The toilet has a lid top. The seat is 440 mm high. The flush is not on the transfer side. The grab bar behind the toilet is 640 mm long. It is 890 mm high. There is an L- grab bar beside the toilet. It is 800x 800mm. The horizontal bar is 560 mm high. The toilet paper dispenser is wall mounted 820mm high on the front partition. The coat hook is at 1500mm high. The napkin disposal is mounted above the L-grab bar at 1070mm high.	Remove and install new barrier free stall partition and door. Relocate the L grab bar and toilet paper dispenser. Install a coat hook.	
Sink	There is a foot paddle wash fountain and a sink. The sink is at 800 mm high. Knee space is 650 mm high x 260 mm deep. The pipes are not recessed. The sink has lever handles.	Remove wash fountain and install a barrier free wash fountain with sensor.	

Shower	There is a corridor outside of the shower area. It is 1200mm wide. The opening to the shower area is 960mm wide. The pathway is 960mm wide to the shower stalls. There are 2 regular showers and a barrier free shower stall. The barrier free stall is 1685 x 1725mm controls are at 1350mm high. There is a fixed seat at 520mm high, and a horizontal grab bar at the back and side. There is a recess soap dish at 1060mm high.	Relocate barrier free shower partition for 1100mm clear path. Remove and install a barrier free faucet with adjustable hand held shower, a folding seat, and a grab bar.
Accessories	The mirror is at 1140mm high. The coat hooks in the change room are 1690mm high. The soap dispenser is at 1310mm high. The paper towel dispenser is 1000mm high.	Install a mirror, a soap dispenser and 3 coat hooks at accessible height.
Dressing Room	Benches along the perimeter are 450 mm high x 300 mm deep. There is a large open space in the centre. There is an L-grab bar. It is 770 mm high.	
Clearance / Path of Travel	There is a mirror with a shelf that obstructs the path in the shower corridor.	Remove shelf.
\$26,750		

N. Universal Washroom

Accessibility Plan:

1. One universal washroom to be provided
3. Universal washrooms to have barrier free doors with automatic door operators, 1700 mm turning radius and space for adult change table
4. Toilets to have wheel chair transfer space, back support, back and side grab bar, toilet paper dispenser and napkin disposal complying with OBC
5. Sinks and faucets to be barrier free
6. Mirrors to be 1000 mm high max, or tilted.
7. Soap dispenser, hand dryer, coat hook, shelf and paper towel dispenser to be between 900 mm – 1200 mm high.
8. Light control to be on motion sensor
9. Universal washroom to have emergency call system with audible / visual device and emergency sign.

Location	Current Condition	Proposed Work	Budget
There is a universal washroom in the school in the Special Education wing. There are other accessible washrooms for Staff use. There is an accessible washroom in the general office, and accessible stalls in the staff washrooms. There is a large 'TMH' washroom on the 3rd floor. It is an accessible washroom with shower, but it is currently used as a storage room.			
Universal Washroom (by #217 Spec Ed)			
Door	The door is 1000mm clear. It has an automatic door operator.		
Toilet	The toilet has a seat lid. The toilet is 460mm from wall. The flush valve is on the transfer side.		
Sink	The barrier free style sink is at 870 mm high. Knee space is 760 mm high.		
Accessories	There are a horizontal grab bar behind and an L-grab bar beside the toilet. The toilet paper is below the grab bar at 470mm high. The The paper towel dispenser is 820 mm high. The soap dispenser is 1000 mm high.		
Clearance / Change Table	The room is 4000 x 3640mm. There is an adult change table.		
Emergency call system	There is no emergency call system.	Install an emergency call system.	\$1,500
Light Control	There is a manual light switch	Install a motion sensor control.	

O. Staff Workrooms

Accessibility Plan:

1. Access to common staff area to be barrier free.
2. Other accommodation will be tailored to specific requirement when needed.

Location	Current Condition	Proposed Work	Budget
Staff Room	The door is 845mm clear. There are recessed shelving and counters beside the door. The door opens into a corridor. It is 1260mm wide min. There is another 845mm clear door. It is held open.	Install swing clear hinges with an automatic door operator. Install swing clear hinges for the interior door.	\$5,000
Workrooms	Staff Workrooms have same typical entry condition as classrooms. There is ample space inside but the entrance is not accessible.		

P. Building Wide Components:

Accessibility Plan:

1. All public area to be barrier free.
2. Barrier free rooms to have barrier free doors that are 860 mm clear.
3. All doors to have lever handle, with the bottom of the glazing to be maximum 900 mm high
4. At least one barrier free drinking fountain to be provided on each floor
5. Visual and audio fire alarm to be installed in public areas, corridors, and classroom with high noise levels
6. Controls such as light switch, equipment control, thermostats are not controlled by the student. Specific provisions will be considered on a case-by-case scenario.
7. Braille signage to be provided at 1500 mm high, and pictorial signs to be provided for all barrier free washroom & change rooms
8. Public and student area to have adequate light level

Location	Current Condition	Proposed Work	Budget
Doors	Most public spaces have doors with top and bottom lights and lever handles. Classrooms have various type of glazing. Most of them are at high level only, and most of them have knob handles.	Replace all knob handle with lever handle. Replace doors with small high glazing with glazing starting at 900mm high max.	\$41,250

Drinking Fountain	There are drinking fountains throughout the school corridors. On the first floor, there is one cantilevered drinking fountain at 890mm high. On the 2nd floor, there are 2 drinking fountains with bottle filler at 915-950mm high.	
Fire alarm system	The fire pull is at 1260 mm high. There is visual and audio alarm throughout the corridors and noisy programme spaces.	
Light Level	The light level is adequate throughout the school.	
Controls	The light switches are typically at 1100-1200mm. The thermostats are at 4500-1500mm.	
Signage	There are various signage conventions. Some doors do not have numbers. They are written on the door. Many rooms do not have signage. Some of them have paper room sign tape on the door. Some of them are painted on the block walls.	Install new room signage with braille and pictorial signs for all public rooms. Install new pictorial signs for barrier free washrooms and change room facilities.
		\$17,120

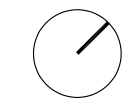
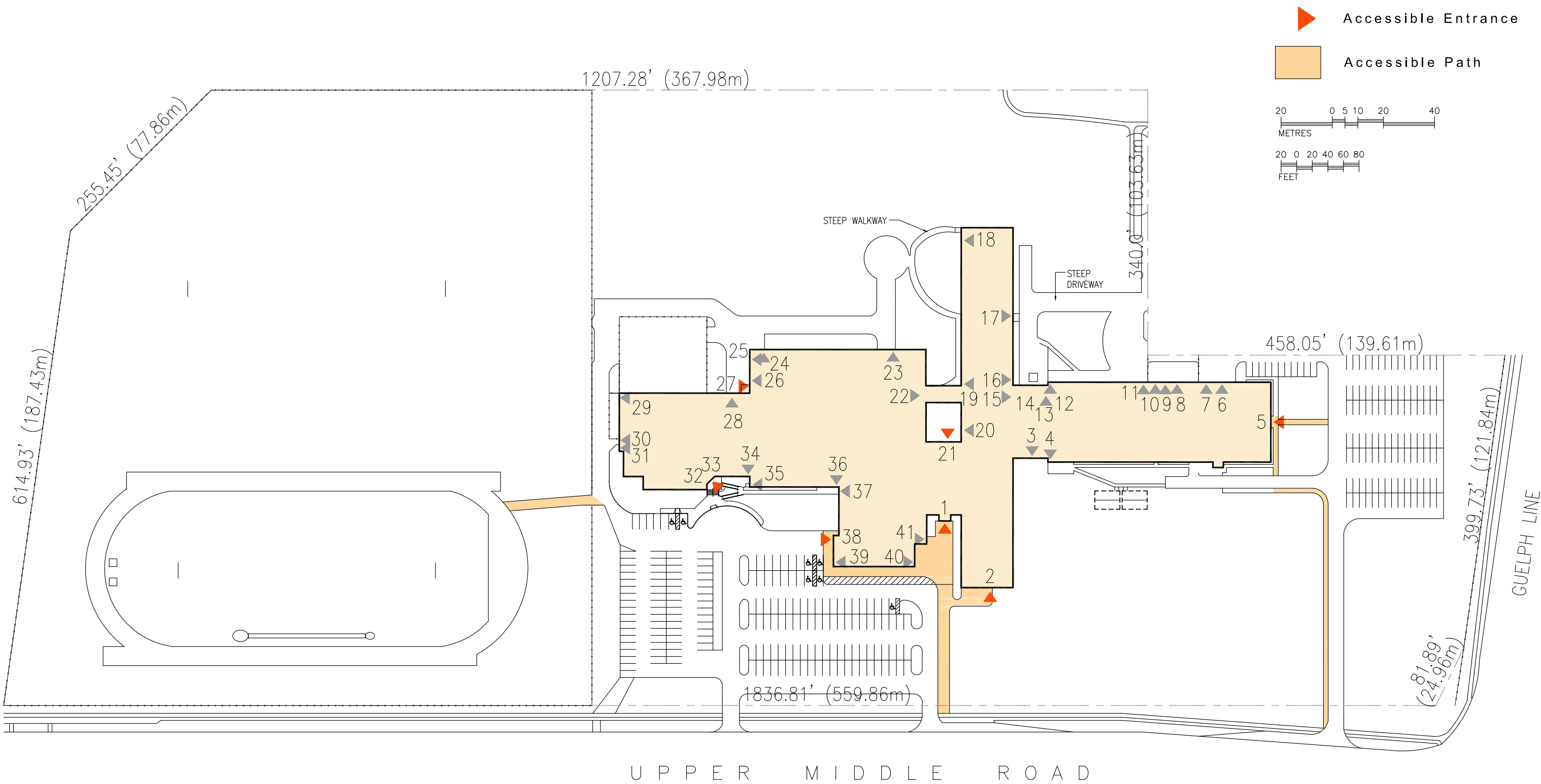
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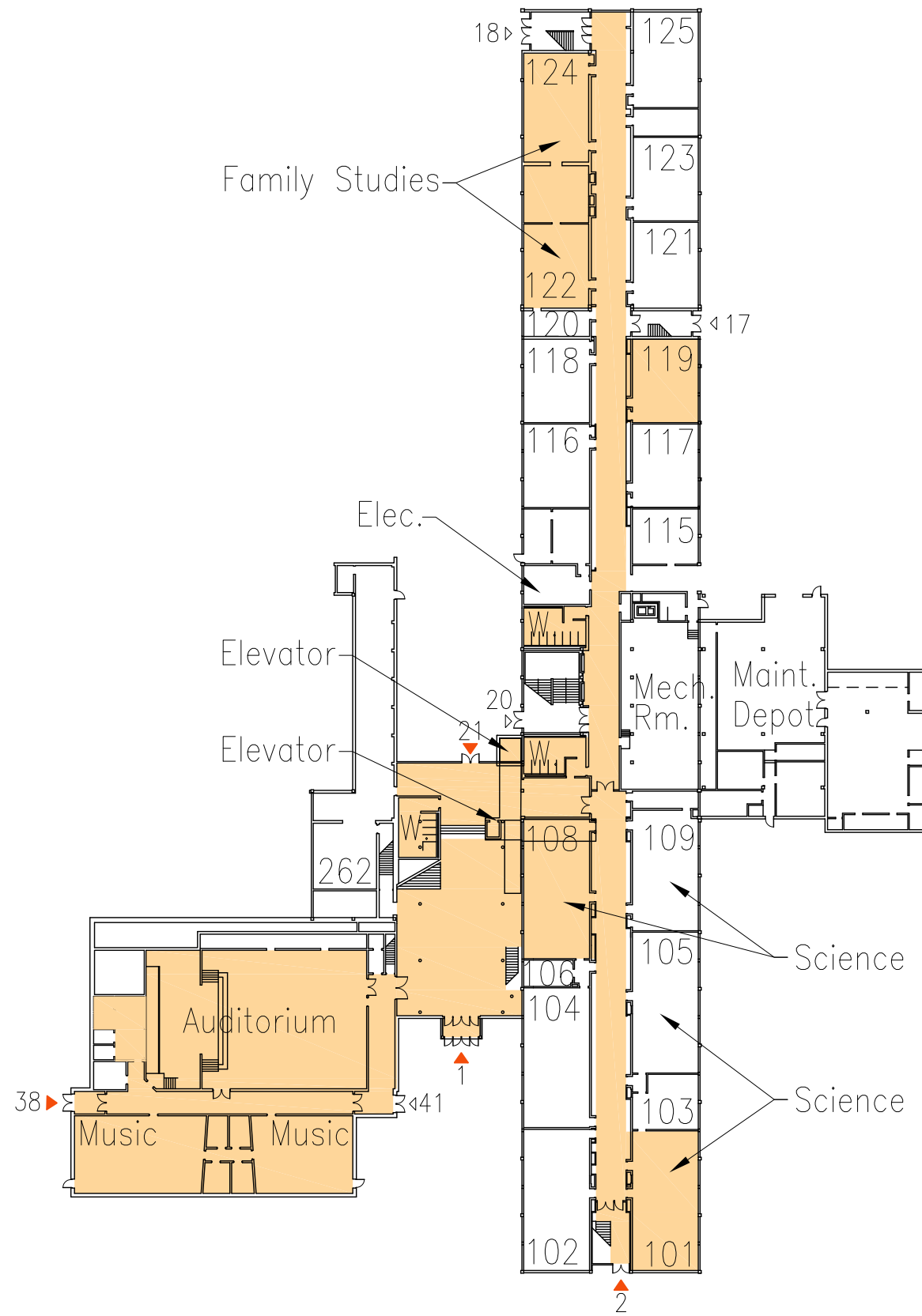
ALLOWANCES		
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Remediation for Designated Substances	10%	\$84,647
General Conditions, and Overhead & Profit	20%	\$169,294
Design and Permit Fees	15%	\$126,971
Budget Contingency	20%	\$169,294

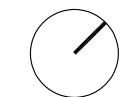
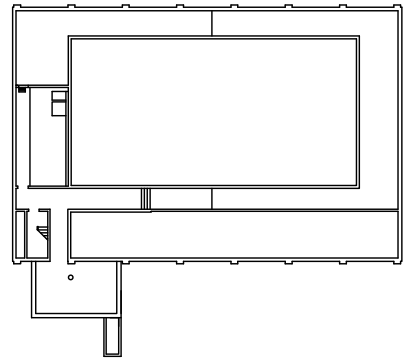
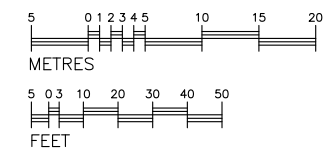
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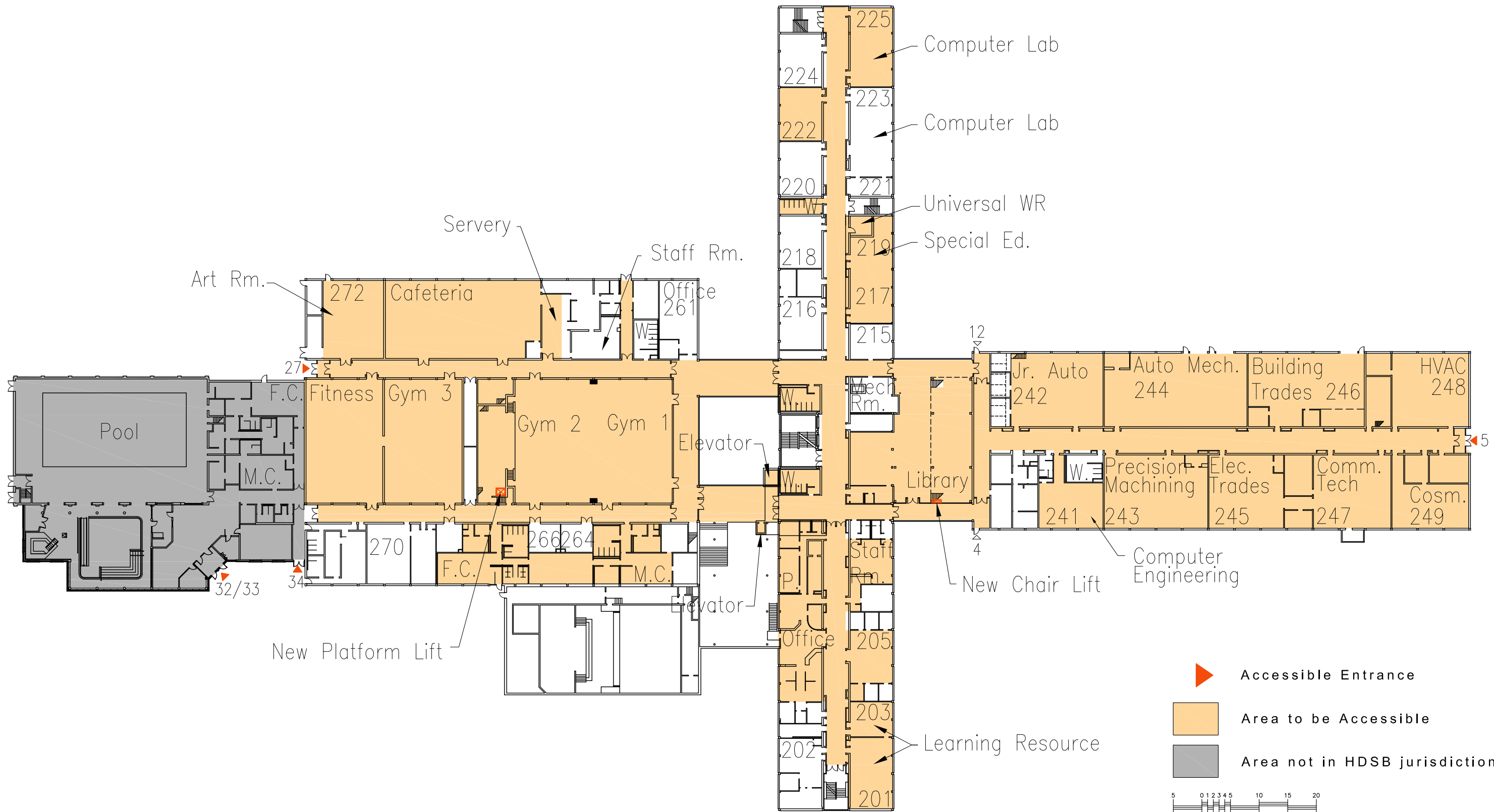
TOTAL	\$1,396,676
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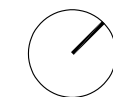
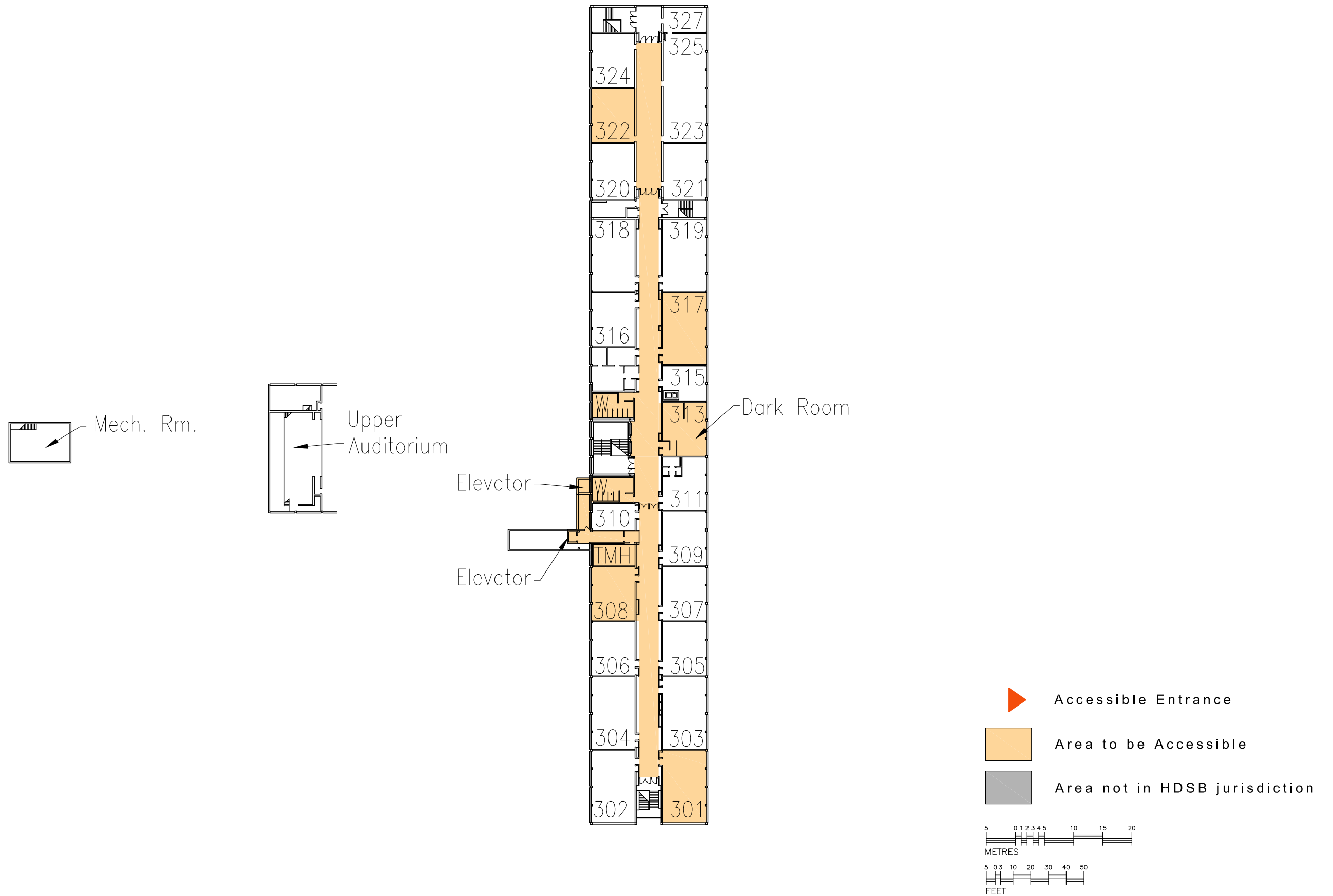




-  Accessible Entrance
-  Area to be Accessible
-  Area not in HDSB jurisdiction







Halton District School Board Facility Audit for Accessibility

February 8, 2017

NELSON HIGH SCHOOL

SITE ACCESSIBILITY

A. Parking:

Accessibility Plan:

1. 4% of parking stalls to be barrier free
2. Barrier free stall to be equal number of van (3400mm wide) and car (2400mm wide) type barrier free space with 1500mm aisles
3. Barrier free stalls to have sign post

Location	Current Condition	Proposed Work	Budget
Barrier free stalls	There are 220 parking spaces and 2 barrier free parking. The barrier free spaces are 3140mm wide with no aisle.	6 additional barrier free spaces are required. Repaint spaces to provide 4 van and 4 car spaces with aisles total.	\$1,200
Signage	The barrier free spaces have floor marking only. There are no sign posts.	Install 8 sign posts and new floor markings.	\$2,000

B. Pathway:

Accessibility Plan:

1. All pathways to be 1500mm min, except at curb ramp
2. Pathway to have minimum 1:20 slope
3. Barrier free parking & crossings to have curb ramps with 1200mm minimum width, and 1:10 maximum slope
4. Curb ramps to have 610mm wide tactile walking surface indicator

Location	Current Condition	Proposed Work	Budget
Walkway from Belvenia Rd.	The walkway from Belvenia Road is wide and level. It leads directly to the main entrance.		

Walkway from New Street	There are 2 asphalt paths from New street to Entrance #5. There is an 8% slope in front of the Entrance. The paths are uneven and broken up. The west path varies around 700 - 1000mm wide. The east path is 2200mm wide to the driveway and 1800mm wide from the driveway to the sidewalk. The slope range from 2-10%.	Repave and re-grade paths. They are to be 1500mm wide min, and 5% slope max.	\$13,200
Walkways on East side of School	There is a concrete walkway connecting Entrance #24 to Entrance #22 and #21. The walkway connects to the driveway to New Street. There is a lot of pedestrian traffic on the driveway.	It is recommended to install a 1500mm wide sidewalk East of driveway.	\$11,000
Walkway to Sports field	There is a concrete walkway from Entrance #33 to the sports field. It is wide and level.		
Walkway to Nelson Park	There is a walkway from adjacent park connecting to the back drive way. The path is 3200mm wide. There is a removable curb.	Remove curb and install removable bollards with 1100mm clearance min.	\$3,700
Walkway to Parking	There is a 2400mm wide walkway connecting parking lot to crosswalk to main entrance. The walkway is on a diagonal and starts at the corner between 2 parking spaces.	Paint pedestrian aisle at end parking so the parking spaces do not block walkway. Install new curb ramp and paint new crossing outside of Entrance #38.	\$2,500
Curb ramp / Drop curb	The curb ramps and drop curbs around walkways are wide and gentle. There are no tactile warning indicators for crossing driveways.	Install tactile walking surface indicators for all curb ramps at driveways. (6 locations)	\$7,500

C. Ramp:

Accessibility Plan:

1. Slope over 1:20 is considered a ramp. Ramps to have a maximum slope of 1:15
2. Ramps to be 900mm wide minimum
3. Ramp landings at top, middle and bottom to be 1670mmx1670mm minimum
4. Ramps to have tactile warning surface indicator at the top.
5. Ramps to have guardrails and hand rails both sides, complying with OBC
6. Ramps to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Entrance #21/ #22	There is a flight of stairs in front of Entrance #22. The top landing extends and connects to Entrance #21.	Install a new 900mm wide x 9000mm long ramp beside stairs to share existing top landing. Install tactile warning surface indicators, guard and hand rails.	\$43,000

D. Stairs:

Accessibility Plan:

1. Stairs to have maximum 180mm riser, and minimum 280mm tread
2. Stairs to be 900mm wide minimum
3. Stairs landing at top, middle and bottom to be 1670mmx1670mm minimum
4. Stairs to have tactile warning surface indicator at the top of the stairs
5. Stairs to have to have intermediate rail if it is wider than 2200mm
6. Treads to have non-slip, high contrast marking at nosing

Location	Current Condition	Proposed Work	Budget
Stairs@ Entrance #6	There is a small step at the frost slab. There is an upper landing with 2 steps down to the south parking courtyard. The upper landing wraps around the building with a wide sidewalk and has 4 steps down to the driveway east of the building. There are flat bar rails at 1000mm high with pickets. The rails are around the landing and partially beside the steps. The rails are bent and in bad shape. There are no nosing strips or tactile warning.	Re-grade upper landing to flush with frost slab. Install tactile walking surface indicators at top landing and abrasive contrasting strip at nosing. Remove and install guard and hand rail to current standard.	\$13,100

Stairs @ Entrance #21/ #22	There are 3 steps in front of entrance #22. The upper landing is wide and even. It wraps around the building and connects to Entrance #21. There is 1 step to the courtyard. There are flat bar rails at 1000mm high with pickets. The rails are around the landing and partially beside the steps. There are no nosing strips or tactile warning.	Remove step at courtyard and re-grade sidewalk to 1:20 max. Install tactile walking surface indicators at top landing of stairs and abrasive contrasting strip at nosing. Remove and install new guard and hand rail to current standard. Also refer to Ramp section.	\$14,700
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BUILDING

A. Entrance and Vestibules:

Accessibility Plan:

1. 50% of entrances to be barrier free with door operators and ramp access, including the main entrance
2. Space within vestibules to accommodate wheel chair outside of door swing.
3. Door opening to be 860mm clear. Bottom of glazing in door to be lower than 900mm.

Location	Current Condition	Proposed Work	Budget
Main Entrance (Entrance #1)	The main entrance has a large concrete walk in front. It connects to barrier free parking spaces directly. The exterior double door is 770mm clear with a centre post. The vestibule doors are 860mm clear without centre post. The vestibule is 2110mm deep. There are automatic door operators. The buttons are 910 - 1020 mm high. The doors have top and bottom panes, but the bottom panes are aluminum.	Replace exterior doors with screen. Enlarge vestibule to 2500mm deep. Also see remediation for all doors.	\$17,000
Entrance #2	The exterior doors are 790mm clear with a centre post and sidelight. The corridor doors are 860mm clear with no post. The entrance slope gently to the sidewalk.		
Entrance #5	The entrance faces New Street. The exterior doors with sidelights are 860mm clear with centre post. The doors have narrow and high glazing. The frame and doors are rusted on the outside. The vestibule doors with sidelight are 860mm clear. The vestibule is 1825mm deep.	Enlarge vestibule to 2500mm deep. Recommend replacing exterior frame with aluminum frames. Add automatic door operators. Also see remediation for all doors.	\$24,000
Entrance #6	The exterior double doors with sidelights are 880mm clear. The corridor doors are 890mm clear. There are steps outside.	This is not an accessible entrance.	
Entrance #7	The exterior double doors with sidelights are 820mm clear. The corridor doors are 870mm clear. There is a small step at the frost slab. It connects to a short walkway to the courtyard parking.	This is not an accessible entrance.	
Entrance #17	The exterior door is 1060mm clear with a step down to an asphalt path in the courtyard. The path is 1460mm wide.	Install an automatic door operator. Also see remediation for all doors.	\$4,500

Entrance #21	The exterior doors are 890mm clear. There is a wide raised sidewalk with rail outside. There are 2 steps to connect to the courtyard.	Install an automatic door operator. Also see remediation for all doors.	\$4,500
Entrance #22	The exterior doors are 890mm clear. There are 2 steps outside. The doors have narrow and high glazing.	This is not an accessible entrance.	
Entrance #23	The exterior doors are 890mm clear. There is a step down to the frost slab. It connects to a concrete sidewalk.	This is not an accessible entrance.	
Entrance #24	The double doors are 880mm clear. The slope to concrete sidewalk is 6-8%. There is no vestibule.	Install an automatic door operator. Re-grade entrance slope to 5% max. Also see remediation for all doors.	\$6,500
Entrance #33	The double doors are 880mm clear. The entrance slopes to level concrete walk at about 8%.	Install an automatic door operator. Re-grade entrance slope to 5% max. Also see remediation for all doors.	\$6,500
Entrance #38	There is a large accessible concrete walk outside of the entrance. The exterior door is double door 800 mm clear. The interior doors are 815mm clear. Both doors are automatic. The vestibule is 2130mm deep. There are automatic door operators. All buttons are at 900 mm high.	Replace doors with larger doors. Enlarge vestibule to 2500mm deep minimum.	\$5,000

B. Stairs:

Accessibility Plan:

1. Upper floor landings to have tactile warning surface indicator
2. Treads to have non-slip and visually contrasting strip at nosing
3. Stairs to have graspable handrail between 865-965mm high with 50mm clearance, and adequate top and bottom extension
4. Stairs to have guardrail at 1070mm high minimum
5. Stairs to have to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Stairs @ Entrance#1	The stairs are enclosed by glazing walls and there are 2 sets of double doors on hold open with no centre post. The stairs have terrazzo treads and risers at 260mm deep and 180mm high. There are 2 black abrasive strips at the nosing. There is no tactile warning surface indicator at top landing. Handrails are installed on both sides at 870 mm high. The handrail is 70 mm wide. It is continuous on the switchback. It does not extend at the top and bottom stair. The pickets are at each tread and 260mm apart. There is an EVAC chair at the top landing.	Install tactile walking surface indicator at top landing. Remove and install new guard and handrail system.	\$13,000
Stairs @ Entrance#2	The stairs have terrazzo treads and risers at 260mm deep and 180mm high. There are 2 black abrasive strips at the nosing. There is no tactile warning surface indicator at top landing. Handrails are installed on both sides at 870 mm high. The centre handrail is 70 mm wide. It does not extend at the top and bottom stair. The pickets are at each tread and 260mm apart. It is continuous on the switchback. There are new metal wall rails. There is an EVAC chair at the top landing.	Install tactile walking surface indicator at top landing. Remove and install new guard and handrail system.	\$13,000
Stairs @ Entrance#6	The stairs have terrazzo treads and risers at 260mm deep and 180mm high. There are 2 black abrasive strips at the nosing. There is no tactile warning surface indicator at top landing. Handrails are installed on both sides at 870 mm high. The plastic wrap handrail is 70 mm wide. It does not extend at the top and bottom stair. The pickets are at each tread and 260mm apart. It is continuous on the switchback. There is an EVAC chair at the top landing.	Install tactile walking surface indicator at top landing. Remove and install new guard and handrail system.	\$13,000

Stairs @ Entrance#7	The stairs have terrazzo treads and risers at 260mm deep and 180mm high. There are 2 black abrasive strips at the nosing. There is no tactile warning surface indicator at top landing. Handrails are installed on both sides at 870 mm high. The plastic wrap handrail is 70 mm wide. It does not extend at the top and bottom stair. The pickets are at each tread and 260mm apart. It is continuous on the switchback. There is an EVAC chair at the top landing.	Install tactile walking surface indicator at top landing. Remove and install new guard and handrail system.	\$13,000
Stairs @ Entrance#17	The stairs have terrazzo treads and risers at 260mm deep and 180mm high. There are 2 black abrasive strips at the nosing. There is no tactile warning surface indicator at top landing. Wall handrails are installed on both sides at 890 mm high. It does not extend at the top and bottom stair. It is continuous on the switchback.	Install tactile walking surface indicator at top landing.	\$13,000
Stairs @ Entrance#22	The stairs have terrazzo treads and risers at 260mm deep and 180mm high. There are 2 black abrasive strips at the nosing. There is no tactile warning surface indicator at top landing. Handrails are installed on both sides at 870 mm high. The wood handrail is 70 mm wide. It does not extend at the top and bottom stair. The pickets are at each tread and 260mm apart. It is continuous on the switchback. There is an EVAC chair at the top landing.	Install tactile walking surface indicator at top landing. Remove and install new guard and handrail system.	\$13,000
Stairs @ Entrance#23	The stairs have terrazzo treads and risers at 260mm deep and 180mm high. There are 2 black abrasive strips at the nosing. There is no tactile warning surface indicator at top landing. Handrails are installed on both sides at 890 mm high. The wood block handrail is 70 mm wide. It does not extend at the top and bottom stair. The pickets are at each tread and 260mm apart. It is continuous on the switchback, but pieces of wood have broken off. There is an EVAC chair at the top landing.	Install tactile walking surface indicator at top landing. Remove and install new guard and handrail system.	\$13,000
Stairs @ Entrance#38	The stairs have terrazzo treads and risers at 260mm deep and 180mm high. There are 2 black abrasive strips at the nosing. There is no tactile warning surface indicator at top landing. Handrails are installed on both sides at 880 mm high. The handrail is 70 mm wide. It does not extend 200mm at bottom of stair. The pickets are at each tread and 260mm apart. It is continuous on the switchback. There is an EVAC chair in the upper corridor.	Install tactile walking surface indicator at top landing. Remove and install new guard and handrail system.	\$13,000

C. Corridor

Accessibility Plan:

1. All levels to be accessible, except for service spaces
2. Corridors to have clear width of 1600 mm min; or clear width of 1100 mm min with 1800 mm x 1800 mm turning space every 30 m
3. Cross-corridor doors to be on hold-open
4. Ramps to be 900 mm wide minimum, maximum 1:12 slope, and guardrail and handrail on both sides. Top, mid and bottom landing to be minimum 1760 mm x 1760 mm. Guardrail to be 1070 mm high, and handrail to be between 865 mm to 965 mm high with adequate top and bottom extension.

Location	Current Condition	Proposed Work	Budget
First Floor			
Path of Travel/ Cross Corridor Doors	The first floor is all on the same level. The floor plan is a loop but does not connect between Entrance #6 and Entrance #21. There is no barrier free access between the break. There are 8 cross corridor doors. They are on hold open. Most of them do not have centre posts. The doors at gym corridor are 890mm clear with centre post. The doors outside of Staff room are 850mm clear with centre post.	Replace door outside of Staff room with swing clear hinges.	\$250
Second Floor			
Path of Travel/ Cross Corridor Doors	There are 2 separate floor area on second floor, both accessible. The classroom wing connects on top of the break on first floor. There are 2 cross corridor doors. The doors are 880mm clear. Door at Stair #6 have hold open on one side. The other leaf obstructs Stair #6 doors.		

D. Elevator

Accessibility Plan:

1. All floor levels to be accessible, except for service spaces
2. Elevator to be full passenger elevator type
3. Elevator controls inside and outside of elevator to be accessible

Location	Current Condition	Proposed Work	Budget
LULA Elevator to Music Rm (near Auditorium)	The door slides open and is 910mm clear. The exterior control is 1060mm high and the door opens automatically. The cab is 1065x1515mm. The highest control inside is 1200mm.		
Main Elevator (near Stair #1)	The door is recessed from the corridor. The alcove is 1050mm wide. The door opens to 840mm clear. It opens automatically. The cab is 890mmx 1540mm. There is a handrail on one side. It is 830 mm high. It is 35 mm from the wall. It is 1030 mm long. The exterior key control is 1060mm. The interior control panel ranges between 1170 mm - 1260 mm high.	Remove entrance alcove and adjacent lockers. Enlarge shaft and install a full passenger elevator.	\$260,000

E. Administration:

Accessibility Plan:

1. Main office to have barrier free entrance with an automatic door operator
2. At least one office to be accessible
3. Reception counter to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The entrance door is 845mm clear. There is an automatic door operator. The doors for the offices range from 800 - 820mm clear. The door to the workroom is 870mm clear. The office partitions are drywall.	Install swing clear hinges at the entrance door. Enlarge one office door.	\$2,750
Reception counter	The reception desk has a high counter all around at 1100mm high. The desk is at 760mm high. There is no knee space. There is ample space for a side approach.	Remove 3 section of high counter.	\$2,250
Path of travel	The passage to the Staff room is 1250mm.		

F. Student Services and Student Services:

Accessibility Plan:

1. Student Services to have barrier free entrance
2. At least one office to be accessible
3. Reception counter to be accessible
4. Student work stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The doors to Student Services and Student Success are 840 mm clear. The doors are in deep alcoves from the corridor side or the interior. They have knob handles. The door openings in the office are 760 mm clear. They are in panelized partitions.	Install swing clear hinges and automatic door operators. Enlarge doors to 2 offices.	\$14,000
Path of travel	Both rooms are open with loose furniture. There is an interconnecting corridor with 845mm clear doors.		
Reception Counter	There is 1100mm high counter all around the reception desk. The desk high is 760mm. There is ample space in front of the reception counter.	Remove 3 sections of high counter.	\$750
Student workstation	All workstations are loose furniture.		

G. Library

1. Library entrance to be barrier free entrance with an automatic door operator
2. Library to have 1100mm wide barrier free path throughout
3. Reception counter to be accessible
4. Computer stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The double door with a centre post is 825 mm clear. There is an automatic door operator. The doors to seminar rooms are 860 mm wide. The door to the librarian's office is 840 mm wide.	Widen door opening for larger entrance double doors.	\$8,500
Path of travel	The entry gate is 1040 mm wide. The exit gate is 890 mm wide. The distances between stacks are 1000mm wide.	Relocate stacks for 1100mm clear path.	\$2,500

Reception desk	There is a high counter all around the reception desk at 1000mm high. There is an 810mm high workstation in front of reception desk. There is a bookdrop outside of library door at 975mm high. There is also a book drop in the reception desk. The opening is 840mm high.	Remove 1200mm section of high counter.	\$750
Computer station	All computer and workstations are loose furniture		

H. Gymnasium & Fitness Room

Accessibility Plan:

1. Gymnasium to have one barrier free entrance with an automatic door operator

Location	Current Condition	Proposed Work	Budget
Door	The gym has one main double door from the lobby. The double door with centre post is 735mm clear. The floor level inside gymnasium is raised. The slope at the entrance is 8%. The door between Gym 2 to Gym 3 is 890mm clear. Gym 3 has single door that is 845mm clear.	Widen door way for larger entrance double door. Install an automatic door operator.	\$7,000
Path of Travel	Gym 3 is accessed from a narrow vestibule. The vestibule is 1025mm wide. The corridor door has a deep recess from the corridor. The alcove is 1025mm wide.	Widen vestibule to 1100mm clear min. Install automatic door operators.	\$9,000
Fitness Room	The doors are 850mm clear. It is recessed from the corridor. The alcove is 1025mm wide.	Install swing clear hinges. Remove 2 lockers and relocate masonry locker nib wall.	\$4,750

I. Auditorium

1. Auditorium to have barrier free access to seating area
2. Stage to be accessible
3. Seating to have 3% designated wheelchair space, and 5% designated adaptive seating
4. Auditorium to have assistive listening device

Location	Current Condition	Proposed Work	Budget
Door	The main door is a double door with centre post. They are 860mm clear at full swing. There are another 2 double doors from the cafeteria.	Install an automatic door operator.	\$4,500
Path of travel	The aisles are 1250 - 1475mm wide. The slope is about 5%.		

Seating	The auditorium has 480 fix seats. There are large open areas in front and behind seating area.	Install 24 adaptive seating in the front and back row. Leave spacing for wheel chairs. Remove 8 seats in front rows for wheel chairs.	\$19,200
P/A system	There is no assistive listening device	Install new assistive listening device.	\$4,500

J. Cafeteria

Accessibility Plan:

1. Cafeteria to have barrier free entrance
2. Servery to have barrier free path of travel throughout; doors to be on hold open during operation hours

Location	Current Condition	Proposed Work	Budget
Door	The main entrance is a double door with a centre post. The doors are 1040mm clear. They are on hold open.		
Path of Travel	The Cafeteria is open with loose furniture.		
Servery	The door into the servery is 855mm wide. It is on hold open. The servery exits into the cafeteria with a double door. The doors are 870mm clear. It is also on hold open. The counter is 920mm high. There is an open section of counter before the cashier. The counter has curve forms and the narrowest portion of aisle is 965mm wide.	Install swing clear hinges from servery entrance door. Trim counter for 1100mm clear aisle.	\$2,750

K. Classrooms

Accessibility Plan:

1. At least one of each specialty classrooms to be accessible (i.e. one of two Chemistry rooms)
2. At least one typical classroom in each wing to be fully accessible
3. Accessible rooms to have at least one barrier free workstation, and all boards to be accessible.
4. Accessible rooms with closer to have automatic door operators

Location	Current Condition	Proposed Work	Budget
Typical Classroom/ Computer room	Classroom doors are recessed from the corridor. The alcove is 1020-1070mm wide. The door is 855mm clear. The door has knob handle and small square glazing at high level. There is a recessed closet beside the door. The blackboards are at 915-975mm high. 50% of rooms have low shelving below boards.	For 1 classroom and computer room in each wing: Install swing clear hinges. Remove closet walls and fill in opening. Remove shelving below boards. (8 rooms total) Also see remediation for doors.	\$44,000
108/ 112/ 119/ / 125/ 127/ 214/ 218 Science	The doors are recessed from the corridor. The alcoves are 1070mm wide. The doors are 855mm clear. The doors have knob handle and small square glazing at high level. The doors have self closing device. There are recessed closets beside the doors. The blackboards are at 950mm high and accessible. There are island lab benches. The benches are 920mm high. The aisles are 1220mm wide. There is a green house accessed from prep room between 125 and 127. The door is 850mm clear.	Install swing clear hinges with automatic door operators. Remove closet walls and fill in openings. (3 rooms total) Install an automatic door operator to green house door. Also see remediation for doors.	\$32,250
102/ 144 / 205 Art	Classroom doors are recessed from the corridor. The alcove is 1020-1070mm wide. The door is 855mm clear. The door has knob handle and small square glazing at high level. There is a recessed closet beside the door in R144 & 205. The blackboards are at 1050mm high with shelving below.	Rm205: Install swing clear hinges. Remove closet walls and fill in opening. Remove shelving below boards. Rm144: Install swing clear hinges with an automatic door operator. Also see remediation for doors.	\$10,250

242 Music	The music room is on the 2nd floor above the change rooms. It is accessible by LULA elevator. The door is 870mm wide. The room is open with loose furniture. There are perimeter storage and counter with instrument sink. The blackboard and smart board are 1070mm high.	See remediation for doors.	
Drama Studio	The drama studio can only be accessed from the cafeteria and the courtyard. The door from the cafeteria is 800mm wide. The blackboard is 920mm high. The room is open.	Enlarge door opening and install new door and frame. Also see remediation for doors.	\$7,000
133 Drafting 135 Electrical 136 Wood Shop 138 Auto Tech	The doors are recessed from the corridor. The alcoves are 1070mm wide. The doors are 855mm clear. They have self closing device. The blackboards are at 950-1000mm high, with shelving below. There are foot controlled wash fountains and storage mezzanine in Rm 136 & 138. The computer desks in Drafting and Electrical are height adjustable. The shop benches range from 870mm to 790mm.	Install swing clear hinges with automatic door operators (4). Replace wash fountain with barrier free type with sensor (2). Remove shelving in front of blackboards.	\$51,000
104/ 106 Family Study	The doors are recessed from the corridor. The alcoves are 1070mm wide. The doors are 855mm clear. They have self closing device. There are residential style perimeter kitchen with islands. The narrowest portion of island is 640mm. The blackboards are at 950mm high.	Install swing clear hinges with automatic door operators. Remove 1 island and install 1 barrier free island station.	\$8,750

L. Student Washrooms

1. Student washrooms to have a barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
2. Male student washrooms to have a barrier free wall mounted urinal with rim lower than 430 mm high and grab bars both side; flush control to be lower than 1200 mm high
3. Student washrooms to have one barrier free lavatory
4. One soap dispenser & hand dryer to be between 900mm – 1200 mm high
5. One mirror to be at 1000 mm high maximum
6. Washrooms to have 1100 mm unobstructed path throughout
7. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front
8. Washrooms to have no doors or doors with automatic door operator

Location	Current Condition	Proposed Work	Budget
Boys Washroom (by Entrance #5)			
Door	The door is recessed in the corridor. The door is 840mm clear. There is a door operator, but the button is damaged.	Remove door. Remove 2 lockers and relocate nib walls.	
Toilet stall	There are 1 regular stall and 1 barrier free stall. The barrier free stall is 1440x1515mm. There is a back grab bar and an angled grab bar on the side. The door opens in and is 870mm clear. The toilet paper dispenser is on the far side and is at 610mm high. There is no coat hook.	Remove regular stall and install new partition and door. Remove and install a new L grab bar, a toilet paper dispenser, a napkin disposal and a coat hook.	
Urinal	There are 8 wall mounted urinals. The rim is at 685mm high.	Lower 1 urinal and install grab bars.	
Sink	There is a food controlled wash fountain and a sink with lever handle at 830mm high.		
Accessories	Soap is at 1230 mm high. Hand dryer is at 1140 mm high. Mirror is at 1230mm high.	Install a new soap dispenser and a mirror at accessible height.	\$12,000
Clearance / Path of Travel	There is adequate space in front of the stalls.		
Girls Washroom (by Entrance #5)			

Door	The door is recessed in the corridor. The door is 840mm clear.	Remove door. Remove 2 lockers and relocate nib walls.	
Toilet stall	There are 5 regular stalls. There is an empty space beside the end stall.	Remove 2 stalls and install a barrier free stall to current standard.	
Sink	There is a foot controlled wash fountain and a sink with knob handle. The sink is 760mm high and the clearance underneath is 550mmx300mm.	Remove the wash fountain and the sink. Install new barrier free wash fountain with sensor.	
Accessories	The mirror is at 1050mm. The sanitary napkin dispenser is at 1315mm. The paper towel dispenser is at 1380mm. The soap dispenser is at 1390mm.	Install a paper towel dispenser and a soap dispenser at accessible height.	\$12,000
Clearance / Path of Travel	There is adequate space in front of the stalls.		
Girls Washroom (by Room #127)			
Door	The door is recessed from the corridor. The door is 845mm clear. The entry way is 1015mm wide.	Install swing clear hinge with an automatic door operator. Remove 2 lockers and relocate nib walls. Relocate entry door for 1100mm clear path.	
Toilet stall	There are 5 regular stalls.	Remove 3 stalls and install a barrier free stall to current standard.	
Sink	There is a foot controlled wash fountain	Remove and install a barrier free wash fountain with sensor.	
Accessories	The mirror is 1200 mm high. It is mounted above a shelf. The soap dispenser is above the sink at 1315 mm high. The paper towel dispenser is beside the soap dispenser at 1250mm high. The tampon dispenser is at 1430 mm high.	Install a mirror, a soap dispenser, and a paper towel dispenser at accessible heights.	\$31,250
Clearance / Path of Travel	There is adequate space in front of the stalls.		
Girls Washroom (by Library)			
Door	The door is recessed in the corridor. It is 805mm clear. There is an automatic door operator. The button is at 1010mm high.	Remove door and widen door opening. Remove 2 lockers and relocate nib walls.	

Toilet stall	There are 4 regular stalls and 1 barrier free stall. The barrier free stall is 1680x1560mm. The door opens out and is 800mm clear. There is a straight grab bar behind the toilet and an angled grab bar beside the toilet. The toilet paper dispenser is above the grab bar at 680mm high. The napkin disposal is at 560mm high.	Remove 1 regular stall. Install new partitions and a door. Remove and install a new L grab bar, a toilet paper dispenser and a coat hook.	
Sink	There is a foot controlled wash fountain and a sink. The sink is 860mm high with 740mmx320mm knee space. It has long lever handle.		
Accessories	The soap dispenser is at 1220mm. The hand dryer is at 1120mm. The paper towel dispenser is at 1200mm. The mirror is at 1200mm. The sanitary napkin dispenser is at 1400mm.	Install a new soap dispenser, and a mirror at accessible heights.	\$9,000
Clearance / Path of Travel	There is ample space in front of the stalls.		
Girls Washroom (by Room #240)			
Door	The door is recessed from the corridor. The door is 800mm clear and the alcove is 1020mm. The entry way is 1285mm wide. The opening into the washroom area is 1030mm wide.	Remove 2 lockers and relocate locker nib wall. Enlarge door opening and install a door operator. Cut entry wall for 1100mm opening.	
Toilet stall	There are 6 regular stalls.	Remove 2 stalls and install a barrier free stall to current standard.	
Sink	The sink is a foot operated wash fountain.	Replace with a barrier free wash fountain with sensor.	
Accessories	The mirror is 1190 mm high above a 210 mm deep shelf. The sanitary napkin dispenser is mounted above the shelf. The soap dispenser at 1250 mm high. The paper towel dispenser is at 1220 mm high.	Install a mirror, a soap dispenser and a paper towel dispenser at accessible height.	\$12,000
Clearance / Path of Travel	There is adequate space in front of stalls.		
Boys Washroom (by Room # 218)			
Door	The door is recessed from the corridor. The door is 800mm clear and deep wood frame alcove is 860mm. There is an automatic door operator. The buttons are 1030mm high. The entryway is 1230mm wide.	Remove door and enlarge door opening. Remove 2 lockers and relocate nib walls.	

Toilet stall	There is 1 barrier free stall. The stall is 1540mm x 1440mm. The door opens out and it is 810mm clear. The toilet does not have back support. The seat is 410 mm high. The flush control is on the transfer side. The grab bar behind the toilet is 640 mm long. It is 890 mm high. The angled bar beside the toilet is 790 mm long. The toilet paper dispenser is at 890mm high.	Remove entire stall including toilet and install a barrier free stall to current standard.	
Urinal	There are 3 wall mounted urinals on a 160 mm step up. The rim is 860 mm high.	Remove 1 urinal and the step below. Install 1 wall mounted urinal and new grab bars.	
Sink	There are 2 sinks. The current barrier free style sink with long lever handle is 780mm high.	Move sink higher.	
Accessories	The soap dispenser is mounted above the non-accessible sink at 1410 mm high. The hand dryer is at 1150 mm high. The mirror is at 1230mm high.	Install a soap dispenser near the barrier free sink and a mirror at accessible heights.	\$19,500
Clearance / Path of Travel	There is adequate space in front of the stall.		
Girls Washroom (by Room #202)			
Door	The door is recessed from the corridor. The door is 800mm clear and the alcove is 1020mm. There is an automatic door operator. The buttons are 1030mm high.		
Toilet stall	There are 2 regular stalls and 1 barrier free stall. The barrier free stall is 1700x1420mm. The door opens out. The toilet seat is 390 mm high. There is no back support. The flush controls are on the transfer side. The grab bar behind the toilet is 640 mm long. It is 880 mm high. The angled bar beside the toilet is 790 mm long. The toilet paper holder is wall mounted at 680 mm high. There is no coat hook.	Remove 1 regular stall and install a new partition with door. Install a new toilet with seat and back support. Install an L-grab bar, a toilet paper dispenser and a coat hook.	
Sink	There is 2 older style sink and a barrier free style sink at 830mm high. Knee space is 700 mm high x 340 mm deep. The pipes are recessed. The sink has long levered faucets.		
Accessories	The mirror is at 1200 mm high above a 230mm deep shelf. The soap dispenser is at 1200 mm high. The paper towel dispenser is at 1140 mm high. The sanitary napkin dispenser is mounted above the shelf.	Install a mirror at accessible height.	\$5,000
Clearance / Path of Travel	There is adequate aisle space in front of stalls.		

M. Student Change rooms:

1. All student change rooms to be accessible.
2. Change rooms with washrooms to have one barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
3. Change rooms with shower facility to have one barrier free shower with 1500 mm x 900 mm clearance, shower seat with L grab bar, barrier free shower fixture and recessed soap dish
4. At least one lavatory to be accessible
5. At least one soap dispenser & hand dryer to be between 900 mm – 1200 mm high
6. At least one mirror to be 1000 mm high from floor maximum
7. Change rooms to have 1100 mm unobstructed path throughout and 860mm clear doorways.
8. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front

Location	Current Condition	Proposed Work	Budget
Boys Change Room			
Door	The door is recessed in the corridor. The alcove is 1215mm wide. The door is 840mm clear. It enters the washroom area. The door from the door from the washroom area to the change area is 840mm clear. The doorway between 2 change areas is 880mm wide. The door to gym is 840mm clear. The entry way is 1250mm wide. The threshold to gym has a 6% slope. The change room has another door the narrow vestibule to Gym 3. The door is 770mm clear.	Install swing clear hinges with automatic door operators for corridor door, and door to gym. Re- grade threshold to 5% max. Relocate lockers from entryway.	
Toilet stall	There are 5 regular stalls.	Remove 3 stalls and install a barrier free stall to current standard.	
Urinal	There are 5 floor recessed urinals	Install grab bars beside urinals.	
Sink	There is a foot controlled wash fountain.	Replace with a barrier free wash fountain with sensor.	
Shower	The door opening to the shower area is 940mm wide. There is a raised threshold. The shower area is open with 10 faucets. The controls are 1470mm and 1630mm high. There is a perimeter trench.	Remove 2 faucets and install a barrier free faucet, a folding shower seat, a recess soap dish and a grab bar.	
Dressing Room	There is adequate space in the dressing area.		

Accessories	The hand dryer is at 1160mm. The soap dispenser is at 1260mm. The coat hooks in the change room is at 1690mm.	Install at soap dispenser at accessible height. Install 3 coat hooks in the change room at 1200mm high.	\$36,250
Girls Change Room			
Door / Path of Travel	The door is recessed in the corridor. The alcove is 1259mm wide. The door is 840mm clear. It enters the washroom area. The door from the door from the washroom area to the change area is 840mm clear. The doorway between 2 change areas is 880mm wide. The door to gym is 840mm clear. The entry way is 1180mm wide. The opening to the change area is obstructed by loose lockers. The threshold to gym has a 6% slope.	Install swing clear hinges with automatic door operators for corridor door, and door to gym. Re- grade threshold to 5% max. Relocate lockers from entryway.	
Toilet stall	There are 4 regular stalls.	Remove 3 stalls and install 1 barrier free stall to current standard.	
Sink	There is 4 small sink with knob handles. They are 800mm high.	Remove all sinks and install a barrier free sink with lever handle.	
Shower	The door opening to the shower area is 940mm wide. There is a raised threshold. There are 2 regular showers stalls. There is a 600mm wide trench in showers.	Remove shower stalls and faucets. Install a barrier free shower faucet, a folding shower seat, a grab bar, a recessed soap dish and a curtain. Install trench cover with drain holes over trench. Remove raised threshold.	
Dressing Room	There is adequate space in the dressing area.		
Accessories	The paper towel dispenser is at 1330mm high. The soap dispenser is at 1200mm high. The mirror is at 1230mm high with a shelf below. The coat hooks in the dressing room are 1690mm high.	Install a paper towel dispenser, and a mirror at accessible height. Install 3 coat hooks in the change room at 1200mm high.	\$36,250

N. Universal Washroom

Accessibility Plan:

1. One universal washroom to be provided
3. Universal washrooms to have barrier free doors with automatic door operators, 1700 mm turning radius and space for adult change table
4. Toilets to have wheel chair transfer space, back support, back and side grab bar, toilet paper dispenser and napkin disposal complying with OBC
5. Sinks and faucets to be barrier free
6. Mirrors to be 1000 mm high max, or tilted.
7. Soap dispenser, hand dryer, coat hook, shelf and paper towel dispenser to be between 900 mm – 1200 mm high.
8. Light control to be on motion sensor
9. Universal washroom to have emergency call system with audible / visual device and emergency sign.

Location	Current Condition	Proposed Work	Budget
Universal Washroom (across Room # 142)			
Door	The door is recessed in the corridor. The door is 845mm clear. The alcove is 1020mm wide. It has an automatic door operator. There is a 1020mm wide entry way.	Remove 2 lockers and relocate locker nib wall. Install swing clear hinges. Remove entry wall.	
Toilet	The toilet has swing down grab bars on both sides. The seat has a back.		
Sink	There is barrier free style sink on an adjustable height bracket.		
Accessories	There is a tilted mirror above sink. The soap dispenser is at 960mm high. The paper towel dispenser is at 1000mm. The napkin disposal is at 1140mm.		
Clearance / Change Table	There is no change table.	There is adequate space for change table after removing entry wall.	
Emergency call system	There is no emergency call system.	Install an emergency call system.	\$10,750

O. Staff Workrooms

Accessibility Plan:

1. Access to common staff area to be barrier free.
2. Other accommodation will be tailored to specific requirement when needed.

Location	Current Condition	Proposed Work	Budget
Staff Room	There are 2 doors to the staff room. They are 800mm clear. They enter 1200mm wide corridors with staff washrooms. There is no clearance on latch side. The staff room has a small kitchenette. It is open with loose furniture. The corridor connection to the staff room is 1300mm wide.	Widen 1 doorway and install a new door with an automatic door operator.	\$9,000
Workrooms	The workrooms have similar door condition as the classrooms. The doors are typically 840mm clear with narrow entryway.		

P. Building Wide Components:

Accessibility Plan:

1. All public area to be barrier free.
2. Barrier free rooms to have barrier free doors that are 860 mm clear.
3. All doors to have lever handle, with the bottom of the glazing to be maximum 900 mm high
4. At least one barrier free drinking fountain to be provided on each floor
5. Visual and audio fire alarm to be installed in public areas, corridors, and classroom with high noise levels
6. Controls such as light switch, equipment control, thermostats are not controlled by the student. Specific provisions will be considered on a case-by-case scenario.
7. Braille signage to be provided at 1500 mm high, and pictorial signs to be provided for all barrier free washroom & change rooms
8. Public and student area to have adequate light level

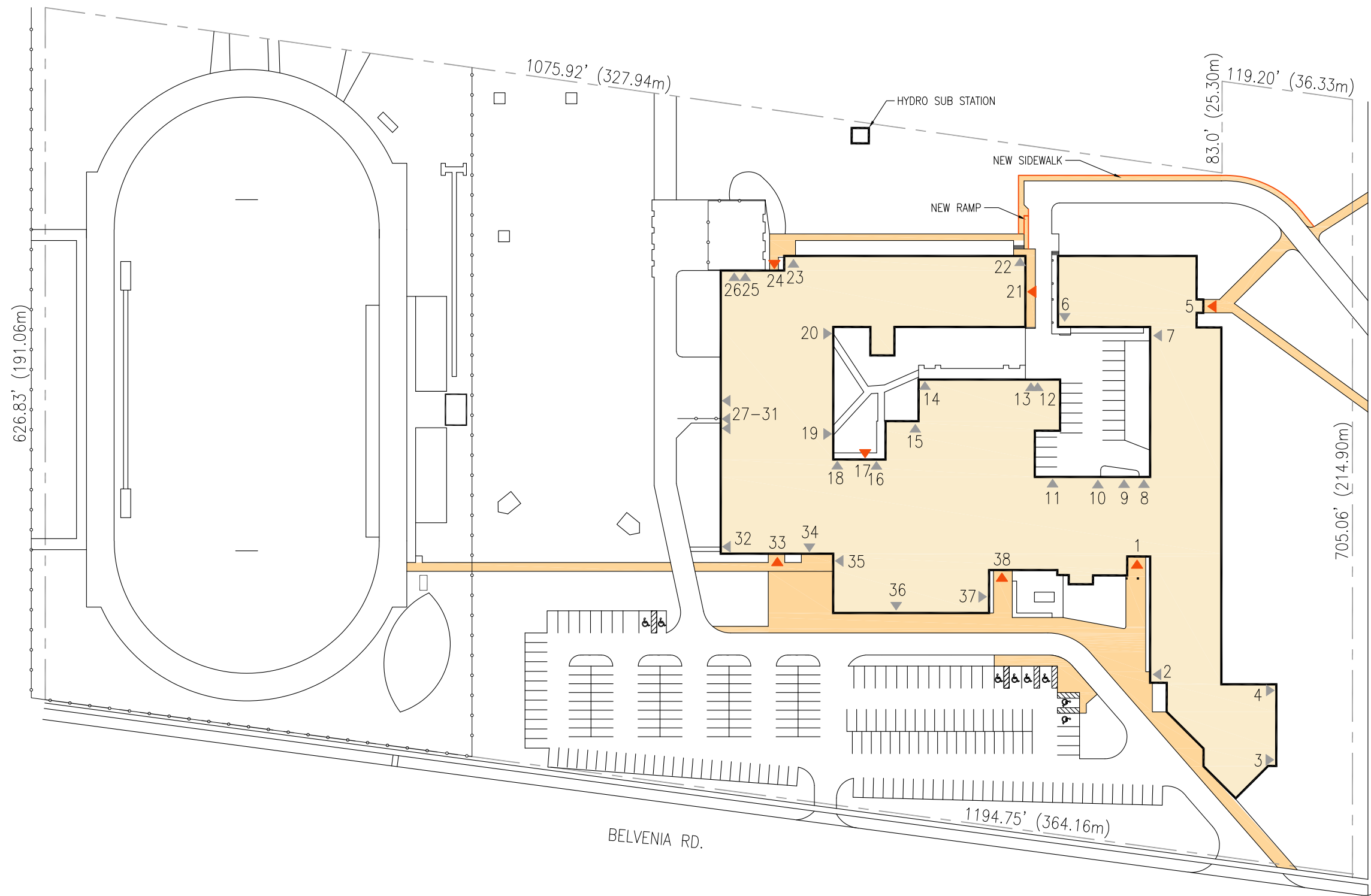
Location	Current Condition	Proposed Work	Budget
Doors	The exterior doors have high level glazing only. They have plate handles at various heights. The stair doors also have plate handles. Many of them are bent and difficult to pull. The older part of school has wood doors. They have knob handle and square high glazing. Most metal doors have narrow and high glazing.	Replace exterior doors with top and bottom glazing. Replace plate handles with graspable handle such as a D pull. Replace all knob handles with lever handles. Replace door with high glazing with glazing at 900mm high max.	\$52,500
Drinking Fountain	There are drinking fountains throughout the school corridors. There are 7 new drinking fountains with knee space and bottle filler, 5 on first floor and 2 on second floor. They are installed at various heights from 900 - 1075mm to sprout.		
Fire alarm system	There are visual and audio alarm throughout corridor and noisy programme spaces. The pull stations are at 1450mm high.		
Light Level	The overall light level is adequate. The light level in the change rooms is dim.		
Controls	The light switches are typically at 1360mm high.		

Signage	There is no tactile or Braille. Signs use Arabic numbers and san serif lettering. The letters are 20 mm high. There are only room numbers. Signs are glare free. They are white lettering on red background. Signs labeling rooms are mounted above the door. They are 2200 mm high. Lighting on the signs is 45 lux. There are no directional maps, only arrows pointing to office.			\$13,440
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SUBTOTAL				\$1,039,540
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ALLOWANCES				
Remediation for Designated Substances		10%		\$103,954
General Conditions, and Overhead & Profit		20%		\$207,908
Design and Permit Fees		15%		\$155,931
Budget Contingency		20%		\$207,070
<i>HST not included</i>				

TOTAL				\$1,715,241
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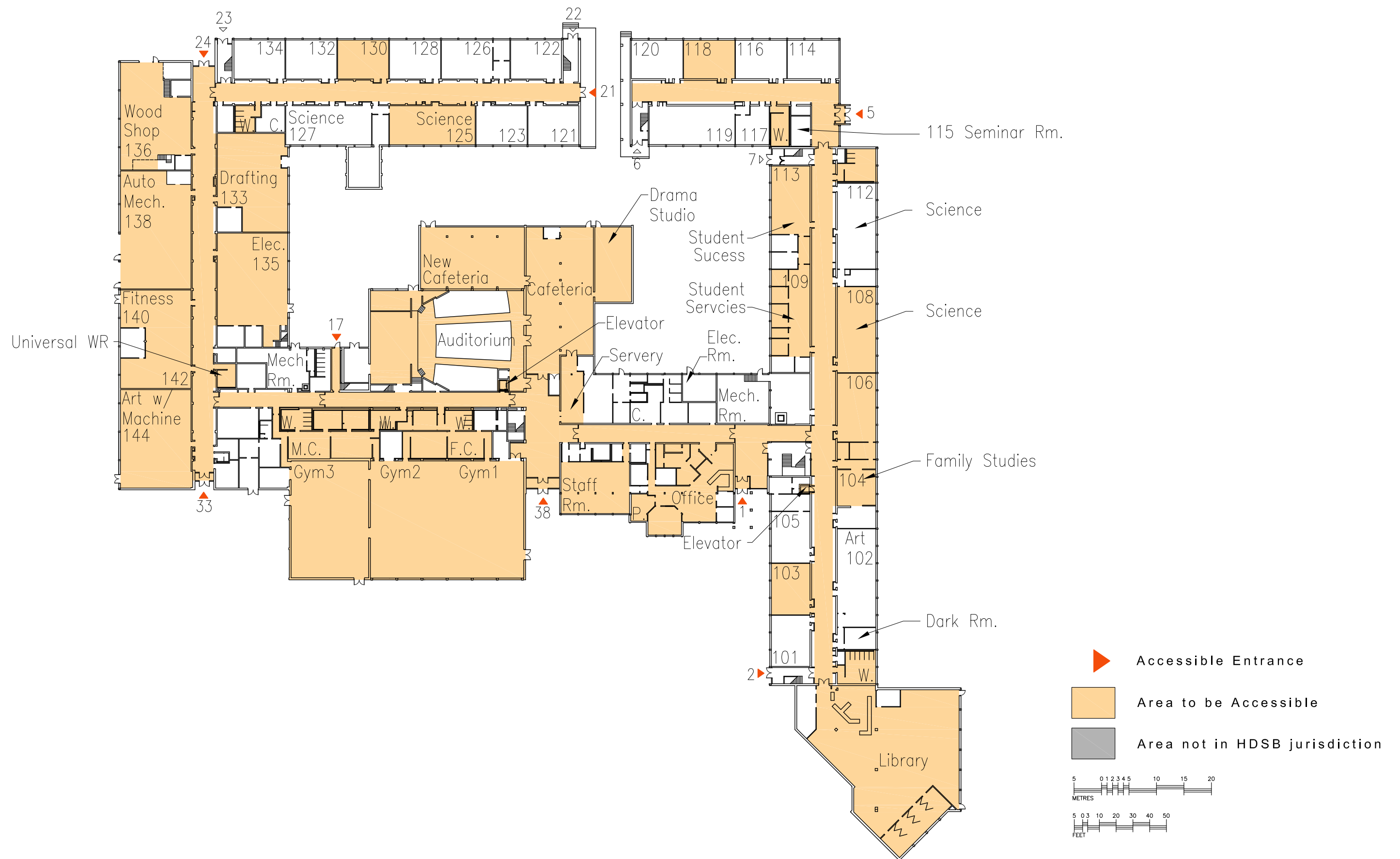
Accessible Entrance

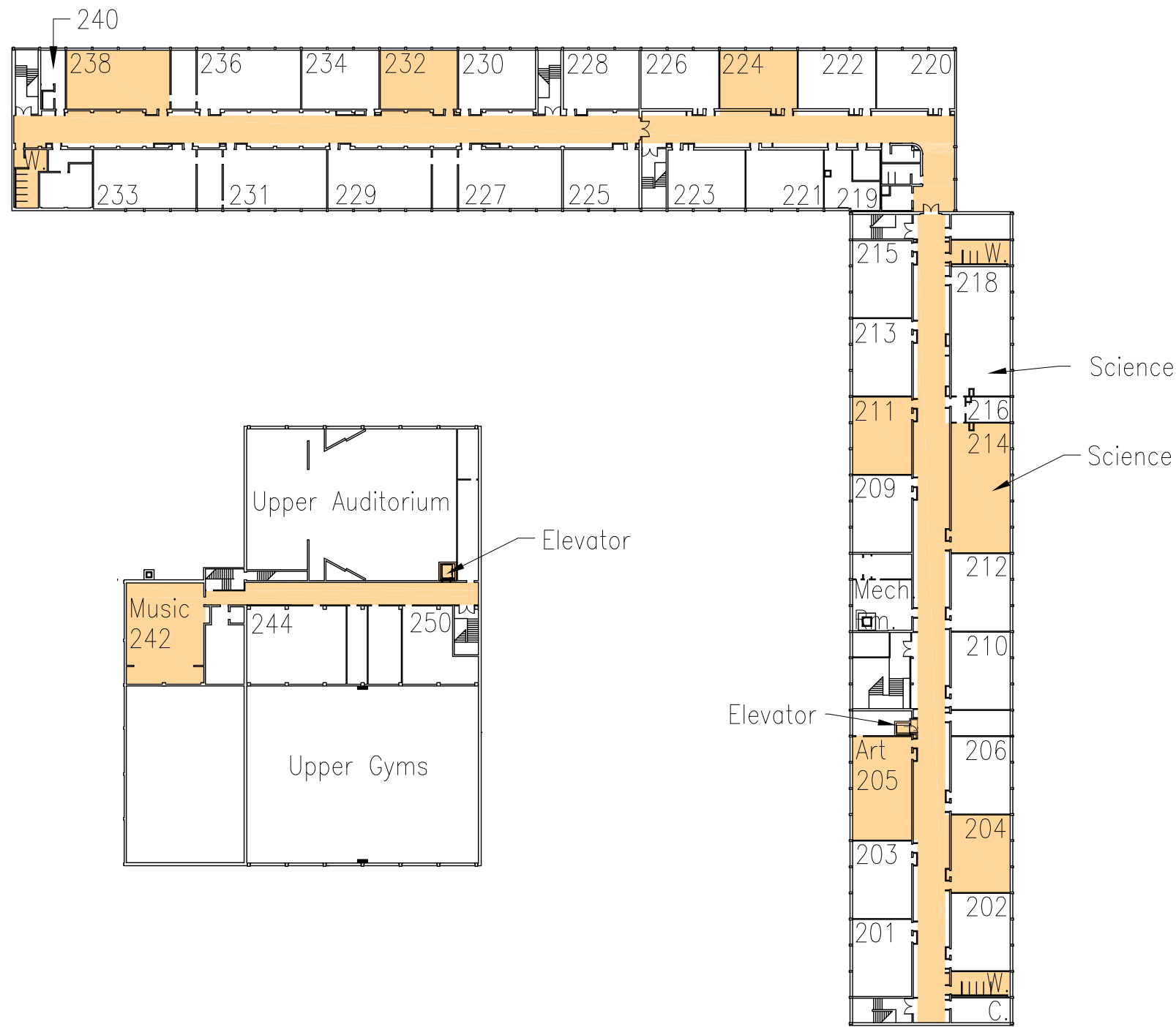
Accessible Path

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METRES

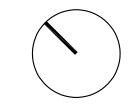
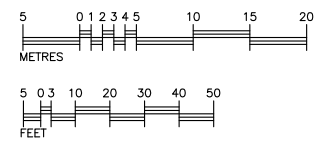
10 0 20 40 60 80 100
FEET

Nelson High School





-  Accessible Entrance
-  Area to be Accessible
-  Area not in HDSB jurisdiction



Halton District School Board Facility Audit for Accessibility

February 8, 2017

ROBERT BATEMAN HIGH SCHOOL

SITE ACCESSIBILITY

A. Parking:

Accessibility Plan:

1. 4% of parking stalls to be barrier free
2. Barrier free stall to be equal number of van (3400mm wide) and car (2400mm wide) type barrier free space with 1500mm aisles
3. Barrier free stalls to have sign post

Location	Current Condition	Proposed Work	Budget
Barrier free stalls	<p>There are 238 parking spaces on site and 9 accessible parking spaces. There are 5 spaces outside of main barrier free entrance #44. Space #1&4 is 4030 mm wide; Space #2, 3, 5 is 3660 mm wide. Space #1, 4 & 5 has pedestrian aisles painted. There are 2 barrier free spaces outside of Pool Entrance #9.</p> <p>Space 6 & 7 are 3000mm wide with aisles. There are 2 barrier free parking near Entrance #22. Space 8 & 9 are 3000mm wide with painted pedestrian walkway on the side. Space 9 does not have sign post or sign on wall.</p> <p>All barrier free spaces are located where entering and exiting the vehicle will not be obstructed by protruding objects.</p>	<p>Entrance #21 is the main accessible entrance for the special education program. There is a wide painted pedestrian walk to the entrance. Convert both parking stalls beside the walkway by adding ground markings and wall signs. Add a wall sign for space #9. Repaint Space #1-4 to add aisles between Space #2 & #3.</p>	\$1,700

B. Pathway:

Accessibility Plan:

1. All pathways to be 1500mm min, except at curb ramp
2. Pathway to have minimum 1:20 slope
3. Barrier free parking & crossings to have curb ramps with 1200mm minimum width, and 1:10 maximum slope
4. Curb ramps to have 610mm wide tactile walking surface indicator

Location	Current Condition	Proposed Work	Budget
Walkway to Main Entrance #1	There is a wide and level concrete walkway to the entrance. There are no obstructions. The curb ramp is 3240 mm wide x 2850 mm long. It has a slope of 4.0%.	Add tactile walking surface indicator at curb ramps.	
Walkway to Entrance #5	There is a wide and level concrete walkway to the entrance. There are no obstructions.	Add tactile walking surface indicator at curb ramps.	\$2,500
Walkways to the sports field	There is an accessible walkway to the field near Entrance #22. The walkway is leveled and connects to the track. There is a 1200mm wide path at the east edge of property line. It connects the parking to the sports field and the residential street beyond. The asphalt path is under maintained and the edges are overgrown.	Repave asphalt path at 1500mm wide.	\$14,850

C. Ramp:

Accessibility Plan:

1. Slope over 1:20 is considered a ramp. Ramps to have a maximum slope of 1:15
2. Ramps to be 900mm wide minimum
3. Ramp landings at top, middle and bottom to be 1670mmx1670mm minimum
4. Ramps to have tactile warning surface indicator at the top.
5. Ramps to have guardrails and hand rails both sides, complying with OBC
6. Ramps to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
	The site is flat and the walkways slope is under 1:20.		

D. Stairs:

Accessibility Plan:

1. Stairs to have maximum 180mm riser, and minimum 280mm tread
2. Stairs to be 900mm wide minimum
3. Stairs landing at top, middle and bottom to be 1670mmx1670mm minimum
4. Stairs to have tactile warning surface indicator at the top of the stairs
5. Stairs to have to have intermediate rail if it is wider than 2200mm
6. Treads to have non-slip, high contrast marking at nosing

Location	Current Condition	Proposed Work	Budget
Stairs @ Entrance #31 /#32	This door accesses the Wood shop. There is a wide landing with 2 treads. There are no tactile warning indicators or abrasive nosing strip. There are rail with pickets on both sides. The stairs is 4100mm wide.	Install tactile walking surface indicators and abrasive/contrasting strip at nosing. Install an intermediate rail between 2 doors.	\$5,200

BUILDING

A. Entrance and Vestibules:

Accessibility Plan:

1. 50% of entrances to be barrier free with door operators and ramp access, including the main entrance
2. Space within vestibules to accommodate wheel chair outside of door swing.
3. Door opening to be 860mm clear. Bottom of glazing in door to be lower than 900mm.

Main Entrance	Current Condition	Proposed Work	Budget
Main Entrance (Entrance #1/#2)	There is an accessible path of travel from parking and New Street to the entrance. There is a step at the doors. The exterior doors are 780 mm clear.	Slope concrete path up to doors. Replace exterior screen for Entrance #1 and install automatic door operators.	\$14,000
Entrance #5	There is an accessible path of travel to the entrance from parking and New Street to the entrance. The doors are 865mm clear. The entrance slope down to side walk.	Add 1 door operator.	\$4,500
Entrance #8 /#9 (Pool Entrance)	There is an accessible path to the barrier free parking. There is no pathway to the street. There is an door operator	Not in scope	
Entrance #20	The entrance slope down to parking. The exterior double door with sidelight is 830mm clear. The corridor double door has no centre post and is on hold open.	Replace exterior screen with large double doors. Install an automatic door operators	\$12,000
Entrance #21	The entrance slope down to parking. The exterior double door with sidelight is 790mm clear. The corridor double doors do not have centre post and opens to 860mm clear. Both have automatic door operators.	Replace exterior screen with larger double doors.	\$7,500
Entrance #22	The entrance slope down to parking. The exterior triple doors with sidelight are 860mm clear. There are 2 double doors to the corridor. Both opens to 780mm clear with centre post.	This is not a barrier free entrance.	
Entrance #23	The entrance slope down to sidewalk with curb cut. The exterior double door with sidelight is 775mm clear. The corridor double door is 765mm clear.	This is not a barrier free entrance.	

Entrance #24	This is an emergency exit only. The exit faces the storm drain.	This is not a barrier free entrance.	
Entrance #31	This is an exit only. There is a flight of stairs to the driveway.	This is not a barrier free entrance.	
Entrance #43	The entrance slope down to sidewalk. The exterior double doors are 720mm wide with no glazing.	This is not a barrier free entrance.	
Entrance #44	This is the current designated barrier free entrance. It is close to the Office. The entrance slope down to barrier free parking. The exterior double door with sidelight is 770mm clear. The interior double door is 860mm clear with no post. Both have door operators.	Replace exterior screen with larger double doors.	\$7,500
Courtyard Entrance #1	The double doors are 860mm clear. It has a lever handle with top and bottom glazing. There is a 200mm high step down to the unit pavers in the courtyard.	Install an automatic door operator. Re-grade Courtyard paving at max 1:20 slope to meet door.	
Courtyard Entrance #2	The single door is 860mm clear. It has a lever handle with top and bottom glazing. There is a 200mm high step down to the landing with drain in the courtyard. The landing has 2 stairs each with 2 steps to go up to the courtyard.	This is not a barrier free entrance.	\$6,500

B. Stairs:

Accessibility Plan:

1. Upper floor landings to have tactile warning surface indicator
2. Treads to have non-slip and visually contrasting strip at nosing
3. Stairs to have graspable handrail between 865-965mm high with 50mm clearance, and adequate top and bottom extension
4. Stairs to have guardrail at 1070mm high minimum
5. Stairs to have to have intermediate rail if it is wider than 2200mm

Location	Current Condition	Proposed Work	Budget
Stairs @ Main Entrance (Entrance#1 & #2)	The stairs have quarry tile treads and metal risers. They are 180 mm high x 290 mm deep. There are 25 mm nosings. There is no abrasive and colour contrast strip at the nosing. There is no tactile walking surface indicator at the top landing. Rectangular woodblock handrails are installed on both sides of the stairs at 900 mm high. The upper flight is missing a wall handrail. The handrails are 55 mm wide. They are 60 mm from the wall and continuous on the inside of the switchback. There is 1510 mm hand rail extension at the top, but no extension at the bottom. The concrete wall is 920mm high. There is an EVAC chair at the top of the stairs.	Install contrasting abrasive strips at stair nosing. Install tactile walking surface indicator at the top landing. Install missing hand rail. Existing handrail and guardrail conditions are not fully compliant, but do not present serious accessibility or safety issues.	\$6,200
Stairs @ Entrance #20	The stairs have quarry tile treads and open risers. They are 300 mm deep x 180 mm high. There are 25mm overlaps at nosing. There is no abrasive and colour contrast strip at the nosing. There is no tactile walking surface indicator at the top landing. Rectangular woodblock handrails are installed on both sides of the stairs at 900 mm high. The handrails are 55 mm wide. They are 60 mm from the wall and continuous on the inside of the switchback. There are no handrail extension at the top and bottom. The pickets are 125mm apart. There is an EVAC chair at the top of the stairs.	Install contrasting abrasive strips at stair nosing. Install tactile walking surface indicator at the top landing. Install missing hand rail. Existing handrail and guardrail conditions do not meet code, but do not present serious accessibility or safety issues.	\$6,200

Stairs @ Entrance #21	The stairs have quarry tile treads and open risers. They are 300 mm deep x 180 mm high. There are 25 mm overlaps at nosing. There is no abrasive and colour contrast strip at the nosing. There is no tactile walking surface indicator at the top landing. Rectangular woodblock handrails are installed on both sides of the stairs at 900 mm high. The handrails are 55 mm wide. They are 60 mm from the wall and continuous on the inside of the switchback. There are no handrail extensions at the top and bottom. The pickets are 125mm apart. There is an EVAC chair at the top of the stairs.	Install contrasting abrasive strips at stair nosing. Install tactile walking surface indicator at the top landing. Install missing hand rail. Existing handrail and guardrail conditions are not fully compliant, but they not present serious accessibility or safety issues.	\$6,200
Stairs @ Entrance #22	The stairs have quarry tile treads and open risers. They are 300 mm deep x 180 mm high. There are 25 mm overlaps at nosing. There is no abrasive and colour contrast strip at the nosing. There is no tactile walking surface indicator at the top landing. Rectangular woodblock handrails are installed on both sides of the stairs at 900 mm high. The handrails are 55 mm wide. They are 60 mm from the wall and continuous on the inside of the switchback. There are no handrail extensions at the top and bottom. The pickets are 125mm apart. There is an EVAC chair at the top of the stairs.	Install contrasting abrasive strips at stair nosing. Install tactile walking surface indicator at the top landing. Install missing hand rail. Existing handrail and guardrail conditions are not fully compliant, but they not present serious accessibility or safety issues.	\$6,200
Stairs @ Entrance #23	The stairs have quarry tile treads and open risers. They are 300 mm deep x 180 mm high. There are 25 mm overlaps at nosing. There is no abrasive and colour contrast strip at the nosing. There is no tactile walking surface indicator at the top landing. Rectangular woodblock handrails are installed on both sides of the stairs at 900 mm high. The handrails are 55 mm wide. They are 60 mm from the wall and continuous on the inside of the switchback. There are no handrail extensions at the top and bottom. The pickets are 125mm apart. There is an EVAC chair at the top of the stairs.	Install contrasting abrasive strips at stair nosing. Install tactile walking surface indicator at the top landing. Install missing hand rail. Existing handrail and guardrail conditions are not fully compliant, but they not present serious accessibility or safety issues.	\$6,200

Stairs @ Entrance #24	The stairs have quarry tile treads and open risers. They are 300 mm deep x 180 mm high. There are 25 mm overlaps at nosing. There is no abrasive and colour contrast strip at the nosing. There is no tactile walking surface indicator at the top landing. Rectangular woodblock handrails are installed on both sides of the stairs at 900 mm high. The handrails are 55 mm wide. They are 60 mm from the wall and continuous on the inside of the switchback. There are no handrail extension at the top and bottom. The pickets are 125mm apart. There is an EVAC chair at the top of the stairs.	Install contrasting abrasive strips at stair nosing. Install tactile walking surface indicator at the top landing. Install missing hand rail. Existing handrail and guardrail conditions are not fully compliant, but they not present serious accessibility or safety issues.	\$6,200
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C. Corridor

Accessibility Plan:

1. All levels to be accessible, except for service spaces
2. Corridors to have clear width of 1600 mm min; or clear width of 1100 mm min with 1800 mm x 1800 mm turning space every 30 m
3. Cross-corridor doors to be on hold-open
4. Ramps to be 900 mm wide minimum, maximum 1:12 slope, and guardrail and handrail on both sides. Top, mid and bottom landing to be minimum 1760 mm x 1760 mm. Guardrail to be 1070 mm high, and handrail to be between 865 mm to 965 mm high with adequate top and bottom extension.

Location	Current Condition	Proposed Work	Budget
First Floor			
Path of Travel	Most of the first floor is on the same level. Room 153 Auto Technology is on a lower level with ramp access. The stage is higher with stair access from Cafetorium and Backstage. The corridors have adequate clearances.		
Cross Corridor Doors	There are 14 cross corridor doors on the ground floor. They are on hold opens, except the doors to and in the technology wing and the door to the pool are. Most of them have centre posts. The doors vary in width between 785mm-915mm clear.	Replace 8 frames with double doors without centre post. Reuse 6 existing hold opens. Install new hold opens at 1 door. Install 2 new door operators for doors to technology wing.	\$34,000
Ramps	There are 4 ramps outside of #153 Auto Shop. The ramps are full width of corridor and range from 2.9% to 4.7% slope. Handrails are installed on both sides. The handrail is 900 mm high. It extends 530 mm at the top and bottom of the ramp. The landing at the top is 2200 mm wide x 5000 mm long. The landing at the change of direction is 2180 mm wide x 2200 mm long.		
Second Floor			
Path of Travel	The second floor is all on the same level. The corridors have adequate clearance. The locker aisles are 1800 mm wide. There are no obstructions.		

Cross Corridor Doors	There are 6 cross corridor doors on the second floor. All doors are on hold opens except the door to the locker area. The door widths range from 780mm to 890mm clear.	Replace 4 frames with double doors without centre post. Reuse 4 existing hold opens. For the door to the locker area. Remove 3 lockers on each side and install hold opens on walls.	\$19,500
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D. Elevator

Accessibility Plan:

1. All floor levels to be accessible, except for service spaces
2. Elevator to be full passenger elevator type
3. Elevator controls inside and outside of elevator to be accessible

Location	Current Condition	Proposed Work	Budget
Elevator	The door is 915 mm wide, and slide opens. The elevator is key-operated with a push button. The highest control is 1100mm both outside and inside cab. The elevator is a 2000 lb passenger elevator. The cab is 1070x1820mm. There are grab bars on 3 sides.		

E. Administration:

Accessibility Plan:

1. Main office to have barrier free entrance with an automatic door operator
2. At least one office to be accessible
3. Reception counter to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The front door is 860 mm clear. There is an automatic door operator. The principal's door is 850mm clear, and all other offices are 870mm clear.		
Path of travel	There is ample floor space to the reception counter and offices. The Administration Office is connected to Student Services with a wide opening.		
Reception counter	The upper counter is 1085mm all around the reception desk. The desk is at 760mm. There is no knee space, but ample space for side approach.	Remove 3 sections of high counter.	\$2,250

F. Student Services and Resource:

Accessibility Plan:

1. Student Services to have barrier free entrance
2. At least one office to be accessible
3. Reception counter to be accessible
4. Student work stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The front door is 860 mm clear. There is an automatic door operator. The councillor's office is 870mm clear.		
Path of travel	There is ample floor space to the reception counter and offices. The Student Services is connected to Administration Office with a wide opening.		
Counter	The reception desk has 1150mm high counter all around. The desk is built in and not assembled.	Modify casework to remove 1000mm section of high counter.	\$750

G. Library

1. Library entrance to be barrier free entrance with an automatic door operator
2. Library to have 1100mm wide barrier free path throughout
3. Reception counter to be accessible
4. Computer stations to be accessible

Location	Current Condition	Proposed Work	Budget
Door	The entrance has a double door with a centre post. Each door is 890 mm clear. The doors have narrow glazing at high and low level. It has a "D" pull. The doors to seminar rooms are 845mm clear with small glazing at high level only. The gate at the entrance is 980 mm wide. The gate at the exit is 910 mm wide.	Install an automatic door operator.	\$4,500
Path of travel	The library is open with loose furniture.		
Reception desk	There is ample space in front of the reception counter. The upper counter is 1100mm and the desk is 750mm. The book drop is at the reception desk and the opening is 510 mm high.	Modified casework to remove 1000mm section of high counter.	\$750
Computer Station & Study Area	The computer stations and work tables are loose furniture at various heights.		

H. Gymnasium & Fitness Room

Accessibility Plan:

1. Gymnasium to have one barrier free entrance with an automatic door operator

Location	Current Condition	Proposed Work	Budget
Door	The entrances to Gym A, B & C are double doors without a centre post. Each door is 810 mm clear. The doors have narrow glazing above 1050mm high.	Replace door to Gym A with double door that has uneven leaf. Install an automatic operator on the barrier free leaf.	\$7,000
Weight Room	There is an 840mm clear single door and an 800 mm clear double door without a centre post. The doors have closers. There are 2 rows of coat hooks. The low coat hooks are at 850mm high. The full high mirrors are 485mm from the floor.	Install swing clear hinges with an automatic door operator on the single door.	\$4,750

I. Cafetorium

1. Auditorium/Cafeteria to have barrier free access to seating area
2. Stage to be accessible
3. Seating to have 3% designated wheelchair space, and 5% designated adaptive seating
4. Cafetorium to have assistive listening device

Location	Current Condition	Proposed Work	Budget
Door	The door is 870mm clear. There is an automatic door operator. The buttons are at 1000mm high.		
Seating/ Path of Travel	The cafetorium is open with loose tables and chairs. The corridors are wide.		
P/A system	There is no assistive listening device	Install assistive listening device	\$4,500
Servery	The servery is accessed from the cafetorium. The entry door is 1000mm clear and the exit is 1050mm clear. They are both on hold open during operation. The servery is wide open with 870mm high perimeter counter and 930mm cash counter. There is no a high guard or counter.		
Stage	There are 2 stairs at the front stage. The stage is connected to Drama room at the back. There is an assembled ramp in Room 104 Backstage to stage. The ramp is 8.7% slope with handrail only. The top and mid landings are not adequate.	Remove ramp and install a platform lift.	\$26,000

J. Food School

Accessibility Plan:

1. Specialized programme to be barrier free.

Location	Current Condition	Proposed Work	Budget
Door	There are 2 doors to the food school complex. There is a double door with centre post and a single door. The doors are 810mm clear. The door from Food School to Servery is 845mm clear.	Widen door opening to replace the single door with a barrier free door and install an automatic door operator. Install swing clear hinges for door between Food School and Servery.	\$11,750
Path of travel	The corridors are 1890mm min. The instruction area 915mm high tables and 930mm - 980mm aisles.	Relocate tables for 1100mm clear centre aisles and replace one table with barrier free high table.	\$1,000

K. Classrooms

Accessibility Plan:

1. At least one of each specialty classrooms to be accessible (i.e. one of two Chemistry rooms)
2. At least one typical classroom in each wing to be accessible
3. Accessible rooms to have at least one barrier free workstation, and all boards to be accessible.
4. Accessible rooms with closer to have automatic door operators

Location	Current Condition	Proposed Work	Budget
Typical Classroom Ground Floor 113A/115/120/122 /124/132-135	Typical classroom doors are 845mm clear with good clearance on both pull and push latch side. The doors have square high glazing above 1500mm and knob handles. The classrooms are open with loose furniture. The white boards are at 915mm high. The computer rooms are also the same layout.	Install swing clear hinges for one classroom and computer room in each wing. (4 rooms) Also refer to remediation for all doors.	\$1,000
Typical Classroom Second Floor 210-211/ 213-217/ 220/221/223/230/ 234-241/256- 258/260	Typical classroom doors are 860-870mm clear with good clearance on latch side. The doors open 180° outwards. Most doors have knob handles. The classroom doors have a variety of glazing style, but they are all above 900mm. The white and black boards range from 860mm to 970mm above floor. The rooms are open with loose furniture. Structural walls are block masonry and non structural walls are modular gypsum product. Room 230 and 234 have self closing device.	Since all rooms are accessible and only 2 rooms have self closing device. No automatic door operators are recommended. Also refer to remediation for all doors.	
114 Music Room	The double door with centre post is 850mm clear. The door has narrow top and bottom glazing with knob handle. There are perimeter counters and storage cabinets. The room is open and flat. The whiteboard is at 900mm high.	Install swing clear hinges on doors. Also refer to remediation for all doors.	\$1,000
117/119 Drama	Room 117 has 2 doors that are 875mm clear with self closing device. The white board is at 925mm high. Room 119 has a double door that is 870mm clear.	Remove closer from Room 117.	\$250

121 -125/137/139 Special Education	There are multiple doors into Room 123 and 125. 4 of them are 950mm clear with narrow top and bottom glazing, and lever handle. The white board is at 900mm high. The room is open with loose furniture. Kitchen/Laundry Area- There is a home kitchen and laundry set up. There is a counter with knee space and sink. It is 900mm high. Room 137 and 139 has 860mm clear doors with knob handles.	Lower the kitchen counter with knee space and replace sink with shallow sink and side faucet. Also refer to remediation for all doors.	\$3,500
131 Cosmetology	The cosmetology has 845mm clear door with sidelight, self closing device and lever handle. The white board is at 780mm. The mirror stations and hair washing station counters are 825mm.	Install swing clear hinges and an automatic door operator.	\$4,750
141/142 Art Room	Room 141 has two 845mm clear doors. One door has lever handle and closer. The other door does not have knob handles and no closers. The white board is at 860mm high with 620mm deep shelving below. There are 900mm and 860mm high perimeter counter with sinks. Room 142 has one 900 mm clear door. It has a knob 1handle. It opens outwards and there is no closer.	Room 141 is accessible.	
144 Communication Technology	The door is 845mm clear with top and bottom glazing, lever handle, and closer. The white board is at 900mm high with shelving below. The smart board is at 900mm high. The room is open with loose furniture. There is a storage mezzanine.	Install swing clear door with an automatic door operator. Install swing clear hinges to Sound Room.	\$5,000
146 Floral	The door is 845mm clear with top and bottom glazing, lever handle, and closer. The white board is at 900mm high with shelving below. The room is open with loose furniture. There is a storage mezzanine.	Install swing clear door with automatic door operator.	\$4,000
147 Machine Shop	The door is 845mm clear with top and bottom glazing, lever handle, and closer. There is a foot paddle wash fountain. The smart board is at 890mm high and the blackboard is at 930mm high. The benches are 845mm high with overhang.	Install swing clear door with automatic door operator. Replace the wash fountain with barrier free auto sensor type.	\$19,250
148/ 149/ 153 Transportation Technology	The door is 845mm clear with top and bottom glazing, lever handle, and closer. The doors are recess from the corridor. Room 148 has a foot paddle wash fountain. Room 149 and 153 have wash fountains with knee space and push button control. The white boards and smart boards are at 860mm high. The benches are 845mm high with overhang.	Install swing clear door with automatic door operator for Room 149.	\$4,750

151/ 152 Construction Technology	Room 151 has an 845mm clear door with top and bottom glazing, lever handle, and closer. There is a foot paddle wash fountain. The blackboard is at 900mm high with shelving below. The benches are 860-870mm high with knee space. Room 152 has a double door with no centre post. The door is 860mm clear. There is a wash fountain with knee space and push button control. The blackboard is 950 mm high.	Install an automatic door operator for Room 152.	\$4,500
201 Family Study	The door is 865mm clear. There are perimeter computer desks but they are not in use. There are a row of coat hooks at 920mm high. The white board is at 860mm high with shelving below.	Remove shelving below white boards.	\$750
204 Family Study	The door is 865mm clear with a closer. There are two u-shape kitchen setups with 4 islands. The aisles are 1100mm wide. One of the islands has a counter mounted stove at 920mm high. The black boards are at 830mm.	Install an automatic door operator.	\$4,500
Science 231/250	There are 2 doors from each room. The doors to the locker area are 865mm clear with self closing device. The white boards are at 950mm high. There are six 900mm high sink stations with gas cocks with movable lab tables. The white boards are at 950mm high.	Install an automatic door operator for Room 231. Install a barrier free sink station.	
Science 235/254	The doors are 850mm clear, with small high glazing and knob handle. The corridor recess is 1035mm wide. The island lab benches are 900mm high. The aisles are 1120 - 1260mm wide. There is one adjust desk section with knee space at 850mm. Doors to the prep room are 860mm clear.	Replace door and widen corridor recess to 1600mm for Room 254. Install an automatic door operator. Install a barrier free lab bench with sink.	
Science 251/253	The doors are 850mm clear, with small high glazing and knob handle. The corridor recess is 1035mm wide. The island lab benches are 900mm high. The aisles are 1400mm wide. The perimeter counters have breaks at in front of windows.	Replace door and widen corridor recess to 1600mm for Room 251. Install a barrier free lab bench with sink.	\$37,000

L. Student Washrooms

1. Student washrooms to have a barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
2. Male student washrooms to have a barrier free wall mounted urinal with rim lower than 430 mm high and grab bars both side; flush control to be lower than 1200 mm high
3. Student washrooms to have one barrier free lavatory
4. One soap dispenser & hand dryer to be between 900mm – 1200 mm high
5. One mirror to be at 1000 mm high maximum
6. Washrooms to have 1100 mm unobstructed path throughout
7. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front
8. Washrooms to have no doors or doors with automatic door operator

Location	Current Condition	Proposed Work	Budget
Boy's Washroom (near Main Lobby)			
Door	The door is 845mm clear with a closer. The entry way is 1200mm with 945mm opening to the sink area. The entry to the washroom area is 950mm clear.	Remove door, cut entry masonry wall and remove masonry wall beside toilet stalls.	
Toilet stall	There is 1 regular stall and 1 barrier free stall. The barrier free stall is 1560x1500mm. The door is 790mm wide and opens out. The toilet has no back support. There is a horizontal grab bar behind toilet and an L-shape grab bar beside the toilet. The toilet paper dispenser is at 830mm high. There is no coat hook.	Remove the regular stall to provide one up to date barrier free stall. Install new partitions, an L grab bar, a toilet paper dispenser, a napkin disposal, a seat with lid and a coat hook.	
Urinal	There is 6 wall mounted urinal at 600mm rim height.	Lower 1 urinal and install grab bars.	
Sink	There is a foot paddle wash fountain.	Replace with a new sensor type wash fountain with knee space.	
Accessories	The soap dispenser is at 1100mm high. The hand dryer is at 1060mm high. The mirror is above sink at 1700mm high and tilted.	Install a new mirror at 900mm.	
Clearance / Path of Travel	There is adequate clearance in front of the toilet stalls.		\$33,500

Girl's Washroom (near Main Lobby)		
Door	The door is 845mm clear with a closer. The entry way is 1200mm with 945mm opening to the washroom area.	Remove door and cut entry masonry wall.
Toilet stall	There are 7 regular stalls and 1 barrier free stall. The barrier free stall is 1655mm x 1410mm. The toilet has a seat with lid. There is a horizontal grab bar behind toilet and an L-shape grab bar beside the toilet. The vertical bar is 830 mm long. The horizontal bar is 430 mm long. The coat hook is at 1360mm high. The toilet paper dispenser is opposite of toilet at 950mm high. The sanitary disposal is at the far side wall at 1100mm high.	Remove one regular stall to provide one up to date barrier free stall. Install new partitions, an L grab bar, a toilet paper dispenser, a napkin disposal, a seat with lid and a coat hook.
Sink	There is a foot paddle wash fountain.	Replace with a new sensor type wash fountain with knee space.
Accessories	The soap dispenser is at 1075mm high. The napkin dispenser is at 1200mm high. The hand dryer is at 1020mm high. The bottom edge of mirror is at 1375mm high.	Install a new mirror at 900mm.
Clearance / Path of Travel	There is adequate clearance in front of the toilet stalls.	
\$26,500		
Boys Washroom (by Food School)		
Door	The door is 850 mm wide. The entry way is 1315mm and the opening to the washroom is 1055mm.	Remove door and cut entry masonry wall.
Toilet stall	There are 5 regular stalls and 1 barrier free stalls. The door to the accessible stall is 880 mm clear and opens in. The stall is 1700 x 1520 mm. The toilet has a seat lid. The control is on the transfer side. The grab bar behind the toilet is 640 mm long. It is 910 mm high. There is an L shaped grab bar beside the toilet. The vertical bar is 830 mm long. The horizontal bar is 430 mm long. It is 530 mm high. The toilet paper holder is at 820mm high. The coat hook is at 1100mm high.	Remove one regular stall to provide one up to date barrier free stall. Install new partitions, an L grab bar, a toilet paper dispenser and a napkin disposal.
Urinal	There are 9 wall mounted urinals. The rim is 580 mm high. There is an automatic flushing system.	Lower 1 urinal and install grab bars.
Sink	There are 3 wash fountains with knee space and push buttons.	
Accessories	The soap dispenser is above sink at 1150mm high. The hand dryer is at 980mm high. The mirror is at 1410mm high.	Install a new mirror at 900mm.
\$12,000		

Clearance / Path of Travel	There is adequate clearance in front of the toilet stalls.	
Girls Washroom (by Food School)		
Door	The door is 850 mm wide. The entry way is 1315mm and the opening to the washroom is 1055mm.	Remove door and cut entry masonry wall.
Toilet stall	There are 14 regular stalls and 1 barrier free stall. The barrier free stall is 1505x1740mm and the door is 870mm clear. The flush control is not on the transfer side. The toilet has a seat lid. The control is on the transfer side. The grab bar behind the toilet is 640 mm long. It is 910 mm high. There is an L shaped grab bar beside the toilet. The vertical bar is 830 mm long. The horizontal bar is 430 mm long. It is 530 mm high. The toilet paper holder is at 820mm high. The coat hook is at 1150mm high. The napkin disposal is opposite of toilet at 1100mm high.	The existing barrier free stall is not adequate. Remove 3 regular stalls to provide 2 up to date barrier free stalls. Install new partitions, grab bars, toilet paper dispensers, napkin disposals, seats with lids and coat hooks. Replace 1 flush valve.
Sink	There are 3 wash fountains with knee space and push buttons.	
Accessories	The soap dispenser is above sink at 1150mm high. The hand dryer is at 980mm high. The mirror is at 1410mm high. The napkin dispenser is at 1495mm.	Install 1 mirror at 900mm.
		\$17,000
Clearance / Path of Travel	There is adequate clearance in front of the toilet stalls.	
Boys Washroom (2nd Floor)		
Door	The door is 850mm clear with a closer. The entry way is 1200mm with 945mm opening to the sink area. The entry to the washroom area is 950mm clear.	Remove door, cut entry masonry wall and remove masonry wall beside toilet stalls.
Toilet stall	There is 1 regular stall and 1 barrier free stall. The barrier free stall is 1560x1500mm. The door is 790mm wide and opens out. The toilet has no back support. There is a horizontal grab bar behind toilet and an L-shape grab bar beside the toilet. The toilet paper dispenser is at 830mm high. There is no coat hook.	Remove the regular stall to provide one up to date barrier free stall. Install new partitions, an L grab bar, a toilet paper dispenser, a napkin disposal, a seat with lid and a coat hook.
Urinal	There is 6 wall mounted urinal at 600mm rim height.	Lower 1 urinal and install grab bars.

Sink	The sink is 730 mm high. Knee space is 600 mm high x 260 mm deep. The sink has short lever faucets. There is also a foot operated wash fountain.	Replace both sink with a new sensor type wash fountain with knee space.	
Accessories	The soap dispenser is at 1100mm high. The hand dryer is at 1060mm high. The mirror is above sink at 1700mm high and tilted.	Install a new mirror at 900mm.	\$24,000
Clearance / Path of Travel	There is adequate clearance in front of the toilet stalls.		
Girls Washroom (2nd Floor)			
Door	The door is 845mm clear with a closer. The entry way is 1200mm with 945mm opening to the washroom area.	Remove door and cut entry masonry wall.	
Toilet stall	There are 7 regular stalls and 1 barrier free stall. The barrier free stall is 1655 mm x 1410 mm. The toilet has a seat with lid. There is a horizontal grab bar behind toilet and an L-shape grab bar beside the toilet. The vertical bar is 830 mm long. The horizontal bar is 430 mm long. The coat hook is at 1360mm high. The toilet paper dispenser is opposite of toilet at 950mm high. The sanitary disposal is at the far side wall at 1100mm high.	Remove one regular stall to provide one up to date barrier free stall. Install new partitions, an L grab bar, a toilet paper dispenser, a napkin disposal, a seat with lid and a coat hook.	
Sink	There is a wash fountain with push button control and knee space.		
Accessories	The soap dispenser is at 1075mm high. The napkin dispenser is at 1200mm high. The hand dryer is at 1020mm high. The bottom edge of mirror is at 1375mm high.	Install a new mirror at 900mm.	\$12,000
Clearance / Path of Travel	There is adequate clearance in front of the toilet stalls.		

M. Student Change rooms:

1. All student change rooms to be accessible.
2. Change rooms with washrooms to have one barrier free toilet stall, including back support, back and side grab bar, toilet paper dispenser, coat hook and clearance complying with OBC
3. Change rooms with shower facility to have one barrier free shower with 1500 mm x 900 mm clearance, shower seat with L grab bar, barrier free shower fixture and recessed soap dish
4. At least one lavatory to be accessible
5. At least one soap dispenser & hand dryer to be between 900 mm – 1200 mm high
6. At least one mirror to be 1000 mm high from floor maximum
7. Change rooms to have 1100 mm unobstructed path throughout and 860mm clear doorways.
8. Barrier free toilet stalls to have minimum 860mm door opening and 1700 mm clearance in front

Location	Current Condition	Proposed Work	Budget
Boys Change Room / Team Change Room			
Door	The corridor door is 840 mm clear with a closer. The entry way is 1280mm wide with 1015 opening to the change area. There is an exterior door to the field. The door is 890mm clear, and there is a step down to the pavement. The entry way is 1100mm wide with 920mm opening to the change area.	Install swing clear hinges and an automatic door operator for the corridor door. Cut masonry opening to 1100mm.	
Toilet stall	There is one toilet stall. The stall is 1350 mm x 1790 mm. The door can be locked with one hand. It is a slide bolt. The toilet does not have any back support. The toilet seat is 490 mm high. The flush controls are on the transfer side. There is no grab bar behind the toilet. There is an L-shape grab bar beside the toilet. The vertical bar is 830 mm long. The horizontal bar is 420 mm long. It is 720 mm high. The toilet paper holder is on the far side of the toilet. It is 1000 mm high. The coat hook is 1360 mm high.	Remove urinals to provide one up to date barrier free stall. Install new partitions, an L grab bar, a toilet paper dispenser, a napkin disposal, a seat with lid and a coat hook.	
Urinal	There are 2 wall mounted urinal. The rim is 580 mm high.	See above	
Sink	The sink is a foot operated wash fountain.	Replace sink with 1 barrier free sink.	

Shower	The shower area is wide open. There are two large open dressing areas outside of the shower area (2125mm wide x 2125mm deep). There are continuous rails on the walls. There are 13 faucets. The controls are 1240 mm high. There is a grab bar at the corner with no seat, and no barrier free faucet.	Install a barrier free shower in one of the dressing area with a barrier free faucet, a folding seat, grab bars, a recessed soap dish, a coat hook and a curtain.
Dressing Room	The dressing room benches are at 430mm high. The coat hooks behind the seats are at 1500mm high.	Install 3 coat hooks at 1200mm high on wall.
Accessories	The soap dispenser is in the sink. The paper towel dispenser is at 1380 mm high.	Install new soap dispenser and paper towel dispenser.
Clearance / Path of Travel	The change room has large open floor area. There is adequate path throughout.	
\$18,250		
Girls Change Room / Outdoors Club Change Room		
Door	The corridor door is 840 mm clear with a closer. The entry way is 1280mm wide with 1015 opening to the change area. There is an exterior door to the field. There is a step down to the basement. The door is 890mm clear. The entry way is 1100mm wide with 920mm opening to the change area.	Install swing clear hinges and an automatic door operator for the corridor door. Cut masonry opening to 1100mm.
Toilet stall	There is a regular stall and a barrier free stall. The barrier free stall is 1395 x 1930mm. The door to the accessible stall is 740 mm clear. There is a "D" pull on the outside. The stall can be locked with one hand. It is a slide lock. The toilet does not have any back support. The flush controls are on the transfer side. There is no grab bar behind the toilet. There is an L-shape bar beside the toilet. The vertical bar is 840 mm long. The horizontal bar is 440 mm long. It is 750 mm high. The toilet paper dispenser is opposite of the toilet at 990 mm high. The napkin disposal is beside the toilet paper dispenser at 1000 mm high. The coat hook is mounted beside the toilet paper holder. It is 1420 mm high.	Remove the regular stall to provide one up to date barrier free stall. Install new partitions, grab bars, a toilet paper dispenser, a napkin disposal, a seat with lid and a coat hook.
Sink	The sink is a foot operated basin.	Replace sink with 1 barrier free sink.

Shower	The opening to the shower stall is 1030 mm wide. The aisle at the shower is 1550mm wide. There are 10 shower regular stalls. There is a step up in all shower stalls.	Enlarge the opening to 1100mm wide. Remove 2 regular stall to provide one up to date barrier free shower stall. Rework floor slope and drain. Install a barrier free faucet, a folding seat, grab bars, a recessed soap dish, a coat hook and a curtain.	
Dressing Room	The dressing room benches are at 430mm high. The coat hooks behind the seats are at 1500mm high.	Install 3 coat hooks at 1200mm high on wall.	
Accessories	The soap dispenser is at 1080mm. The paper towel dispenser is at 1310mm. The mirror is at 1200mm.	Install a paper towel dispenser and a mirror.	\$14,250
Clearance / Path of Travel	The change room is an open area. There is adequate aisle space throughout.		

N. Universal Washroom

Accessibility Plan:

1. One universal washroom to be provided
3. Universal washrooms to have barrier free doors with automatic door operators, 1700 mm turning radius and space for adult change table
4. Toilets to have wheel chair transfer space, back support, back and side grab bar, toilet paper dispenser and napkin disposal complying with OBC
5. Sinks and faucets to be barrier free
6. Mirrors to be 1000 mm high max, or tilted.
7. Soap dispenser, hand dryer, coat hook, shelf and paper towel dispenser to be between 900 mm – 1200 mm high.
8. Light control to be on motion sensor
9. Universal washroom to have emergency call system with audible / visual device and emergency sign.

Location	Current Condition	Proposed Work	Budget
Universal Washroom (by Food School)			
Door	The door is 850mm clear with a door operator. There is an occupied sign at ceiling level.	Install swing clear hinges.	
Toilet	The toilet has a seat with lid. The toilet seat is 450 mm high. The flush controls are not on the transfer side.	Replace flush valve.	
Sink	The sink is 860 mm high. Knee space is 750 mm high x 300 mm deep. The sink has long levered faucets.		
Accessories	The toilet paper dispenser is at 635mm high. The sanitary napkin disposal is at 880 mm high. The grab bar behind the toilet is 640 mm long. It is 860 mm high. The L shaped grab bar beside the toilet is 550 mm high. There are also 2 folding grab bars. The mirror is tilted. It is mounted above the sink. The soap dispenser is wall at 1110 mm high. The paper towel dispenser at 1050 mm high.	Relocate L shape grab bar higher.	
Change Table	There is space for adult change table. There is a ceiling mounted lift.		
Emergency call system	There is no emergency call system.	Install emergency call system.	
Path of Travel	The room is 2240 x 2460mm. There is adequate space for wheel chair turning.		
Lighting	The light control is by manual switch.	Install motion sensor switch	\$2,750
Barrier Free Washroom (by Special Education)			

There are four single washrooms with or without showers in the Special Education area. They have varying degrees of accessibility, and are fully functional for running the program. They are not required to be universal washrooms as they are within the program space and within 45m of the universal washroom. Also, these washrooms are adapted for use with an assistant. The one washroom listed below is the most well equipped washroom of the four.

Door	The door is 880 mm clear. The door opens inwards.
Toilet	The toilet has seat with a lid.
Sink	The sink is 850mm high with long lever faucets.
Shower	There is a 1500 x 900 shower stall with low shower control, telephone bar and hand held shower. However the controls are on the side wall and the seat has been removed.
Accessories	There is a horizontal grab bar at the back and L shape grab bar at the side. The toilet paper is at 600mm high. There is a tilt mirror above sink. The soap dispenser is at 1000mm high.
Clearance / Change Table	There is a 4 post X-Y gantry lift and a change table.
Emergency call system	There is no emergency call button.
Path of Travel	There is adequate space for wheel chair turning. The posts for lift are somewhat obstructive.

Staff Barrier Free Washroom

Door	The door from the corridor is 850mm clear. The door to the washroom is 800mm clear. It opens outwards. The door has a lever handle.	Install swing clear hinges for the corridor door. Enlarge door opening and install barrier free door to swing in.
Toilet	The toilet has a seat with lid top. The flush control is on the transfer side.	
Sink	The sink is 860 mm high. Knee space is 740 mm high x 300 mm deep. The pipes are recessed. The sink has a single long lever faucet. It is labeled with red and blue.	

Accessories	The grab bar behind the toilet is 640 mm long. It is 850 mm high. There is an L shape grab bar beside the toilet. Both bars are 790 mm long. The horizontal bar is 560 mm high. The toilet paper dispenser is at 790mm high. The sanitary napkin disposal is at 840 mm high. The mirror is tilted and installed above sink. The soap dispenser is 1000mm high. The paper towel dispenser is 960mm high.	Relocate the L shape grab bar and toilet paper dispenser. Install coat hook.	\$7,250
Path of Travel	The washroom is 1780 mm wide x 2310 mm long.		

O. Staff Workrooms

Accessibility Plan:

1. Access to common staff area to be barrier free.
2. Other accommodation will be tailored to specific requirement when needed.

Location	Current Condition	Proposed Work	Budget
Staff Room	The doors are 850 mm clear. Both doors have high glazing and knob handles. The interior doors are on propped open. The entrance corridors are 1400 mm wide. The washrooms in the staff rooms are not barrier free. There is a kitchenette in the staff room with 900mm high counter. The room is open with loose furniture.	Install swing clear hinges for corridor doors, and remove interior doors. Also see remediation for all doors.	\$11,000
Ground Floor Workrooms	The doors are typically 850mm clear, with good clearance on latch side.	See remediation for all doors.	\$3,750
Second Floor Workrooms	The doors are typically 860mm clear, with good clearance on latch side.	See remediation for all doors.	\$3,750

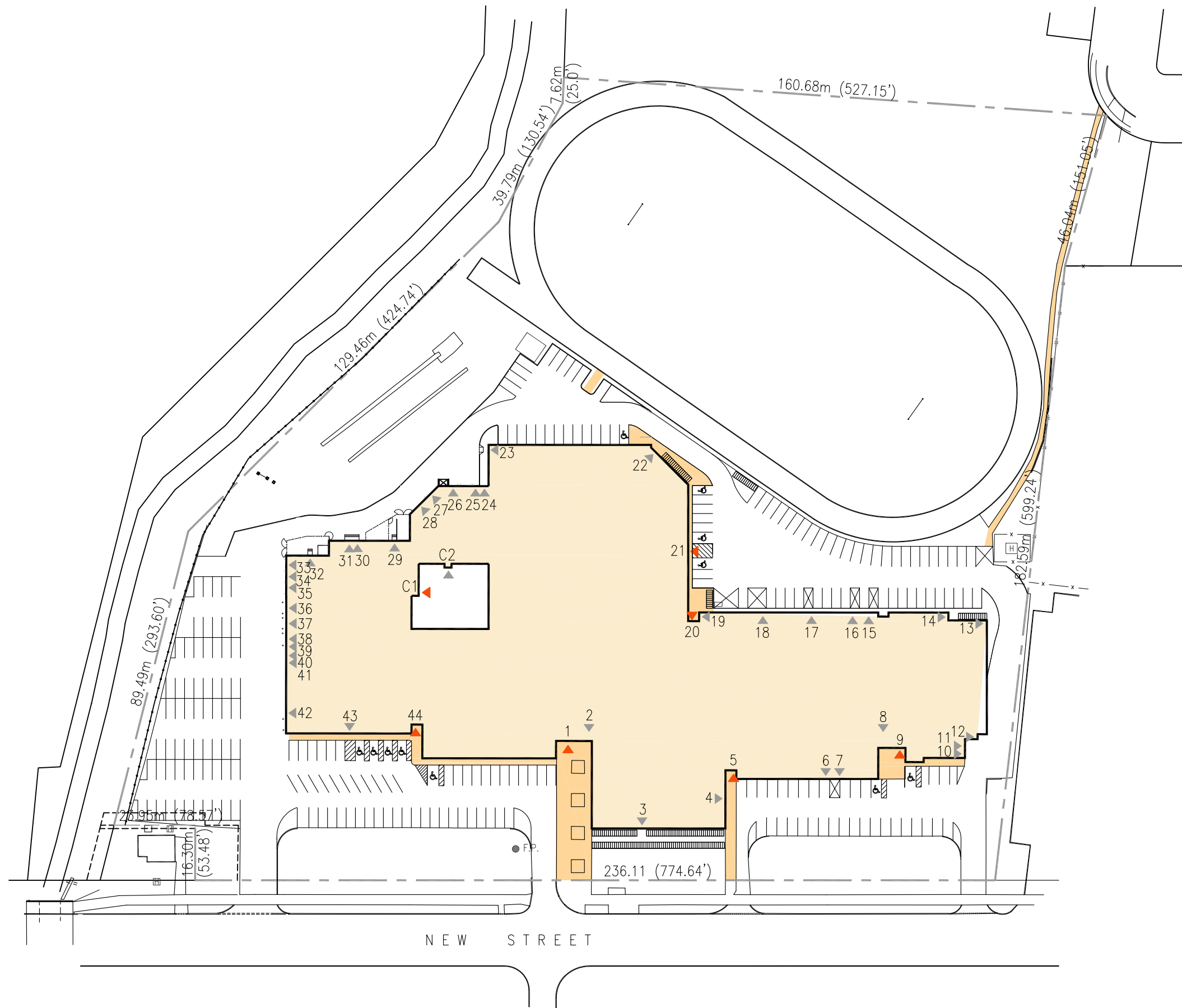
P. Building Wide Components:



Accessibility Plan:

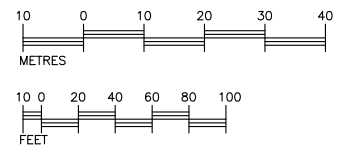
1. All public area to be barrier free.
2. Barrier free rooms to have barrier free doors that are 860 mm clear.
3. All doors to have lever handle, with the bottom of the glazing to be maximum 900 mm high
4. At least one barrier free drinking fountain to be provided on each floor
5. Visual and audio fire alarm to be installed in public areas, corridors, and classroom with high noise levels
6. Controls such as light switch, equipment control, thermostats are not controlled by the student. Specific provisions will be considered on a case-by-case scenario.
7. Braille signage to be provided at 1500 mm high, and pictorial signs to be provided for all barrier free washroom & change rooms
8. Public and student area to have adequate light level

Location	Current Condition	Proposed Work	Budget
Doors	The doors are typically at 915mm. They open to different clear width depending on the hardware, frame and surrounding. There are varies style of glazing in doors. Most of them are higher than 900mm. Most doors have knob handles. Almost all cross corridor doors are on hold open.	Replace existing doors with lever handle and lower glazing. Barrier free entrances and classroom doors to be updated to current accessibility standard as outlined above.	\$30,000
Drinking Fountain	Ground Floor : There are many drinking fountains throughout the corridor. There are three drinking fountains with knee space and bottle filler. The sprout high ranges from 915mm to 930mm. Second Floor: There are many drinking fountains throughout the corridor. There is one drinking fountain with knee space and bottle filler. The sprout high is 910mm.		
Fire alarm system	There are visual and audio alarm in the corridor and noisy program area. The pull station is at 1300mm high.		
Light Level	The light level in the school seemed adequate.		
Controls	The light switch in the classrooms range from 1220mm to 1350mm high.		

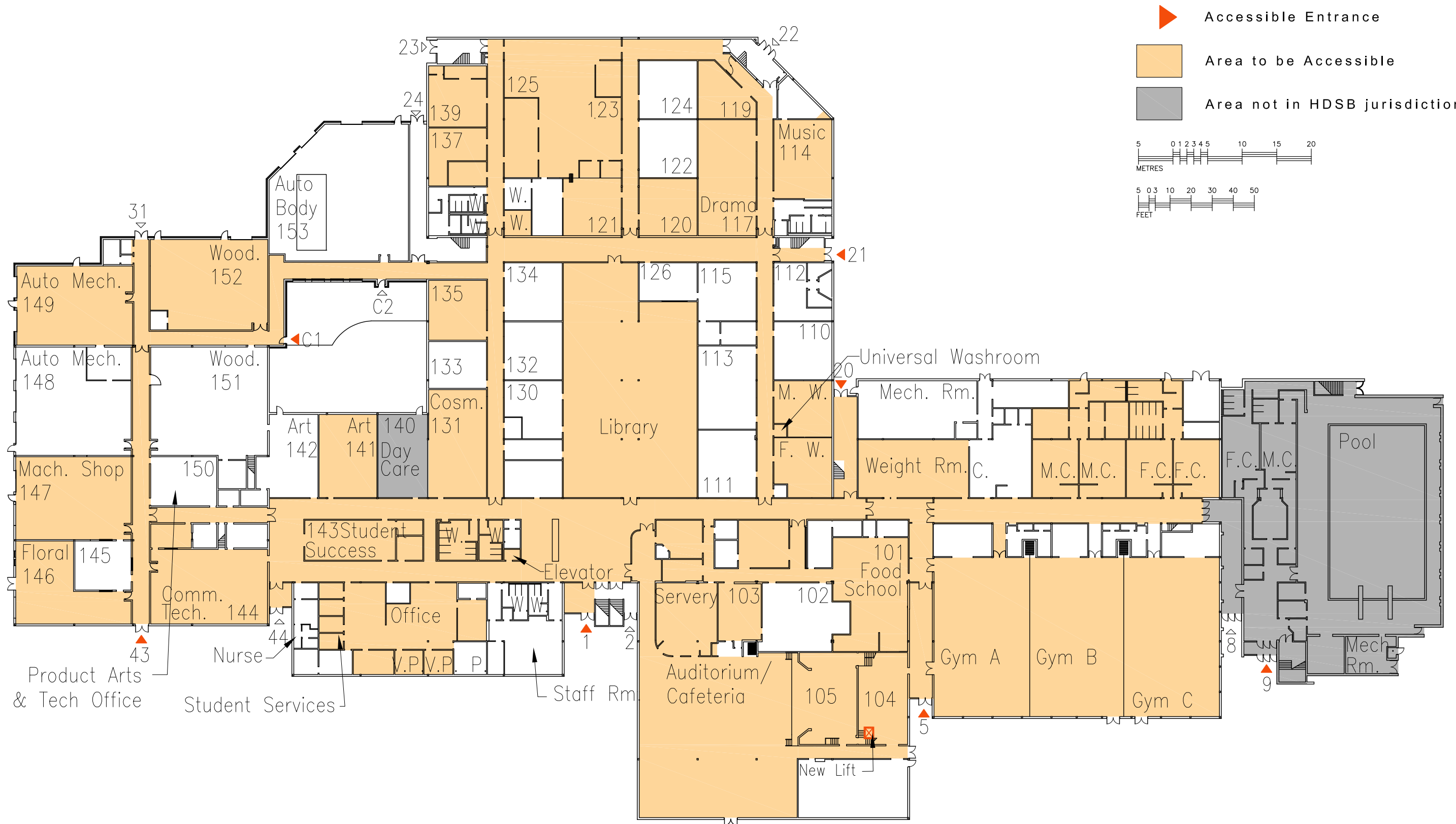
Signage	There is no tactile or Braille. There are room number signs, and some room name signs. The numbers are 30 mm high. Signs are written in upper and lower case. Room signs are not at consistent location or size. Some are mounted on doors; some are beside or above doors.	Install new room signage with braille and pictorial signs for all public rooms. Install new pictorial signs for barrier free washrooms and change room facilities.	\$17,040
SUBTOTAL			\$560,990
ALLOWANCES			
Remediation for Designated Substances		10%	\$56,099
General Conditions, and Overhead & Profit		20%	\$112,198
Design and Permit Fees		15%	\$84,149
Budget Contingency		20%	\$112,198
<i>HST not included</i>			
TOTAL			\$925,634






 Accessible Entrance
 Accessible Path



Robert Bateman High School



-  Accessible Entrance
-  Area to be Accessible
-  Area not in HDSB jurisdiction

