

REVISED

Facility Accessibility Design Subcommittee of the Mississauga Accessibility Advisory Committee

Date: September 25, 2023
Time: 1:30 PM
Location: Online Video Conference

Members

Clement Lowe	Citizen Member (Chair)
Carol-Ann Chafe	Citizen Member
Steven Viera	Citizen Member
Asim Zaidi	Citizen Member
Naz Husain	Citizen Member
Moneira Salic	Citizen Member

Participate Virtually and/or via Telephone

To Request to Speak on Agenda Items - Advance registration is required to make a Deputation please email Martha Cameron, Legislative Coordinator at martha.cameron@mississauga.ca or call 905-615-3200 ext. 5438 no later than **Thursday, September 21, 2023** before 4:00 PM.

Questions for Public Question Period - Questions for Public Question Period should be provided to the Legislative Coordinator at least 24 hours in advance of the meeting.

Comments submitted will be considered as public information and entered into the public record.

Please note the Facility Accessibility Design Subcommittee will not be streamed or video posted afterwards.

Contact

To register, please email martha.cameron@mississauga.ca and for Residents without access to the internet via computer, smartphone or tablet, can register by calling Martha Cameron at 905-615-3200 ext. 5438 **no later than Thursday, September 21, 2023 at 4:00 PM. You will be provided with directions on how to participate from Clerks' staff.**

1. **CALL TO ORDER**

2. **INDIGENOUS LAND STATEMENT**

“We acknowledge the lands which constitute the present-day City of Mississauga as being part of the Treaty and Traditional Territory of the Mississaugas of the Credit First Nation, The Haudenosaunee Confederacy the Huron-Wendat and Wyandotte Nations. We recognize these peoples and their ancestors as peoples who inhabited these lands since time immemorial. The City of Mississauga is home to many global Indigenous Peoples.

As a municipality, the City of Mississauga is actively working towards reconciliation by confronting our past and our present, providing space for Indigenous peoples within their territory, to recognize and uphold their Treaty Rights and to support Indigenous Peoples. We formally recognize the Anishinaabe origins of our name and continue to make Mississauga a safe space for all Indigenous peoples.”

3. **APPROVAL OF AGENDA**

4. **DECLARATION OF CONFLICT OF INTEREST**

5. **PUBLIC QUESTION PERIOD**

Public Comments: Advance registration is required to participate and/or to make comments in the virtual public meeting. Any member of the public interested in speaking to an item listed on the agenda must register by calling 905-615-3200 ext. 5438 or by emailing martha.cameron@mississauga.ca by Thursday, September 21, 2023 before 4:00 PM.

Pursuant to Section 58 of the Council Procedure By-law 0044-2022, as amended:

Facility Accessibility Design Subcommittee may grant permission to a member of the public to ask a question of the Facility Accessibility Design Subcommittee, with the following provisions:

1. Questions may be submitted to the Clerk at least 24 hours prior to the meeting;
2. A person is limited to two (2) questions and must pertain specific item on the current agenda and the speaker will state which item the question is related to;
3. The total public speaking time is fifteen (15) minutes maximum and shall not be extended by the Chair; and
4. Any response not provided at the meeting will be provided in the format of a written response.

6. **MATTERS FOR CONSIDERATION**

- 6.1 Aimee Drmic, Architect, Perkins Will regarding the Redevelopment of South Common Community Centre and Library

6.2 Mark Driedger, ATA Architects and Stefanie Slanec, Project Manager, City of Mississauga regarding the Addition and Renovation of Fire Stations 114 and 115

7. **PROJECT UPDATES**

8. **DATE OF NEXT MEETING**

Monday, October 30, 2023 at 1:30 PM

9. **ADJOURNMENT**

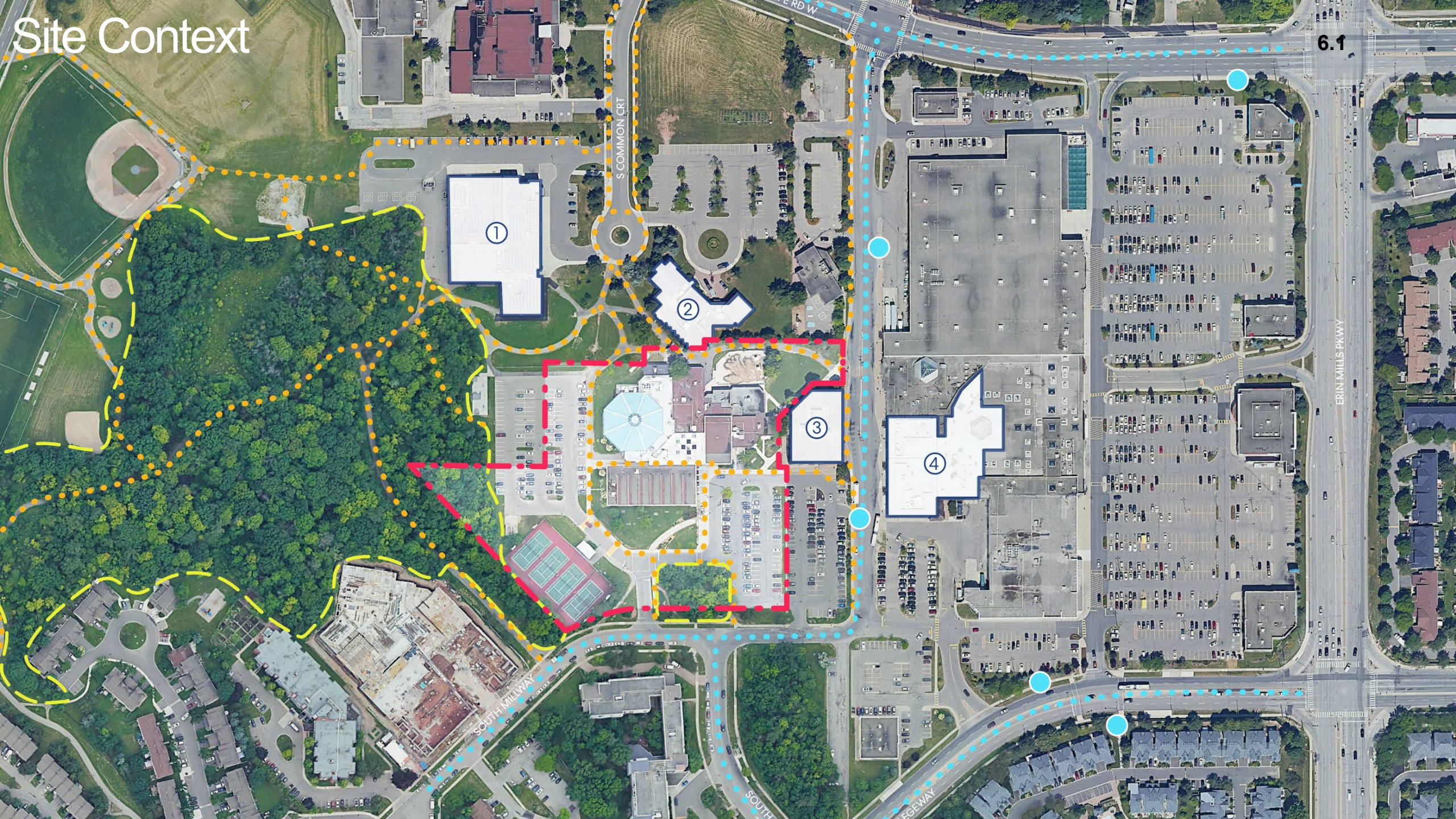
September 25, 2023

South Common CC & L Redevelopment

Accessibility Advisory Committee



MISSISSAUGA



Site Context



library



multi-use rooms



fitness





water play



open parkland



reading garden

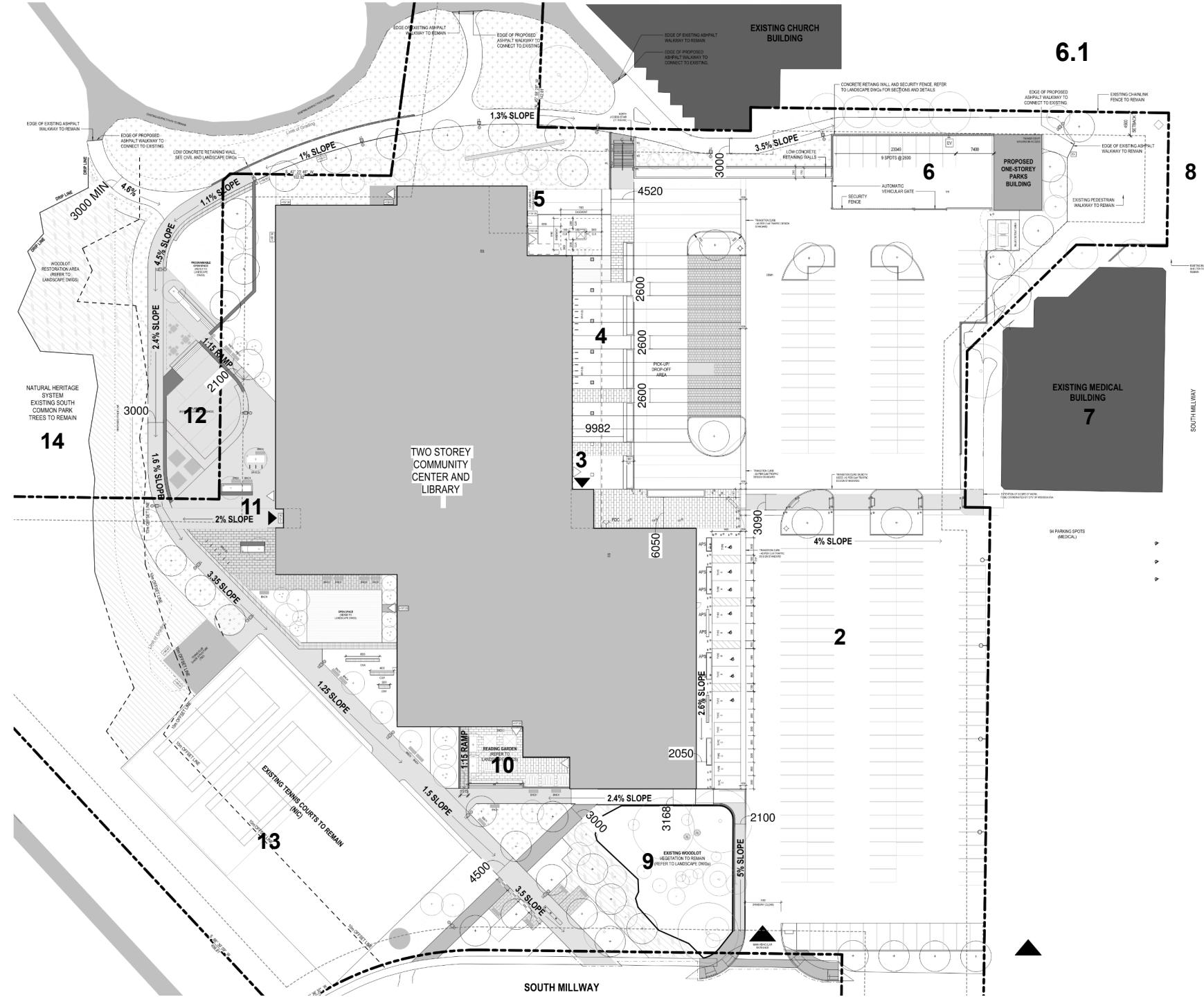


tennis courts

Site Plan

1. Vehicular Entry
2. Parking
3. Main Entry
4. Urban Plaza & Drop-off
5. Loading
6. Parks Compound
7. Existing Medical Building
8. Mall & Bus Terminal
9. Existing Woodlot
10. Reading Garden
11. Entry From Park
12. Splash Pad
13. Existing Tennis Courts
14. South Common Park

Note:
Compliance with City of Mississauga Accessibility Design Handbook...

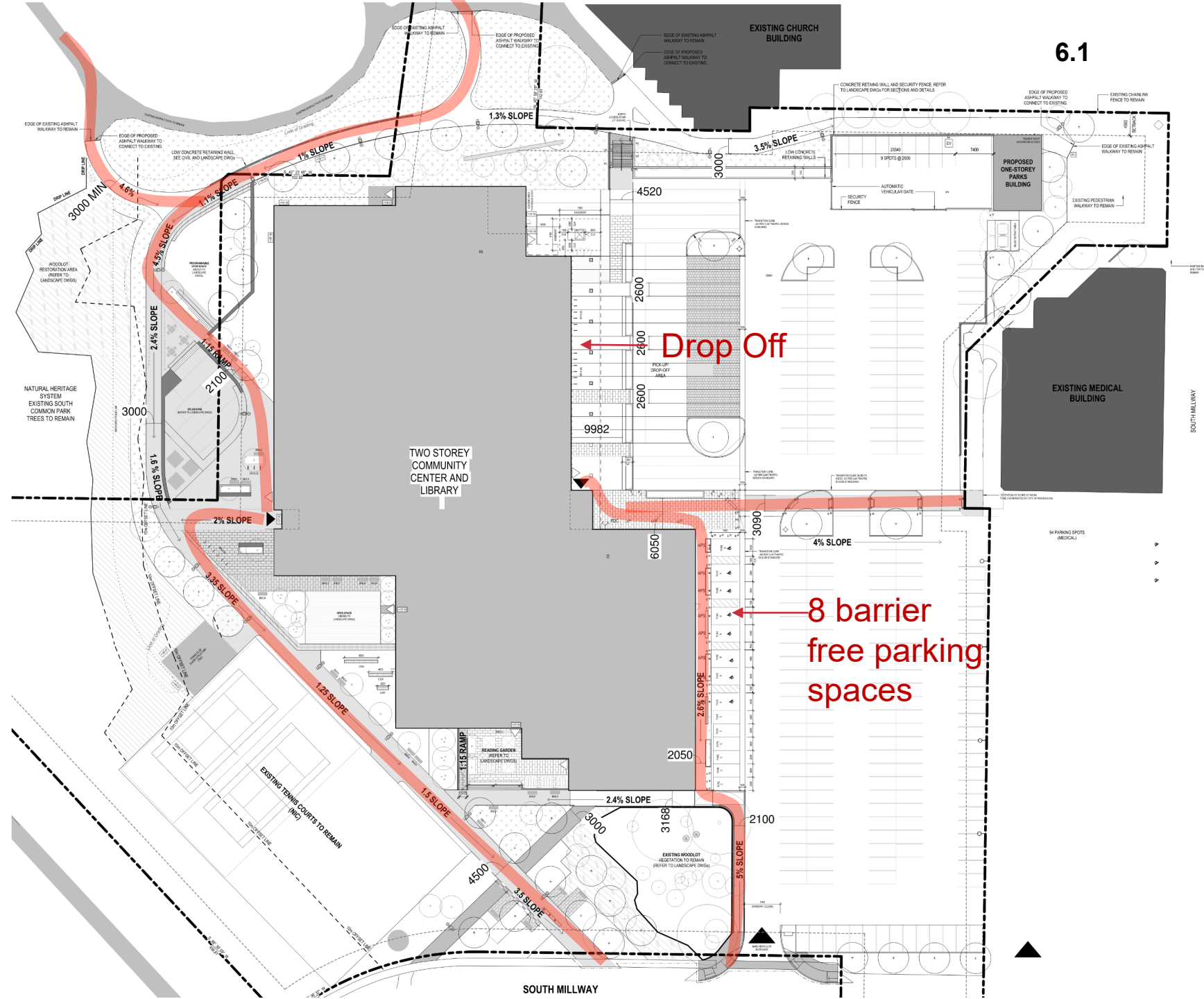


Site Plan

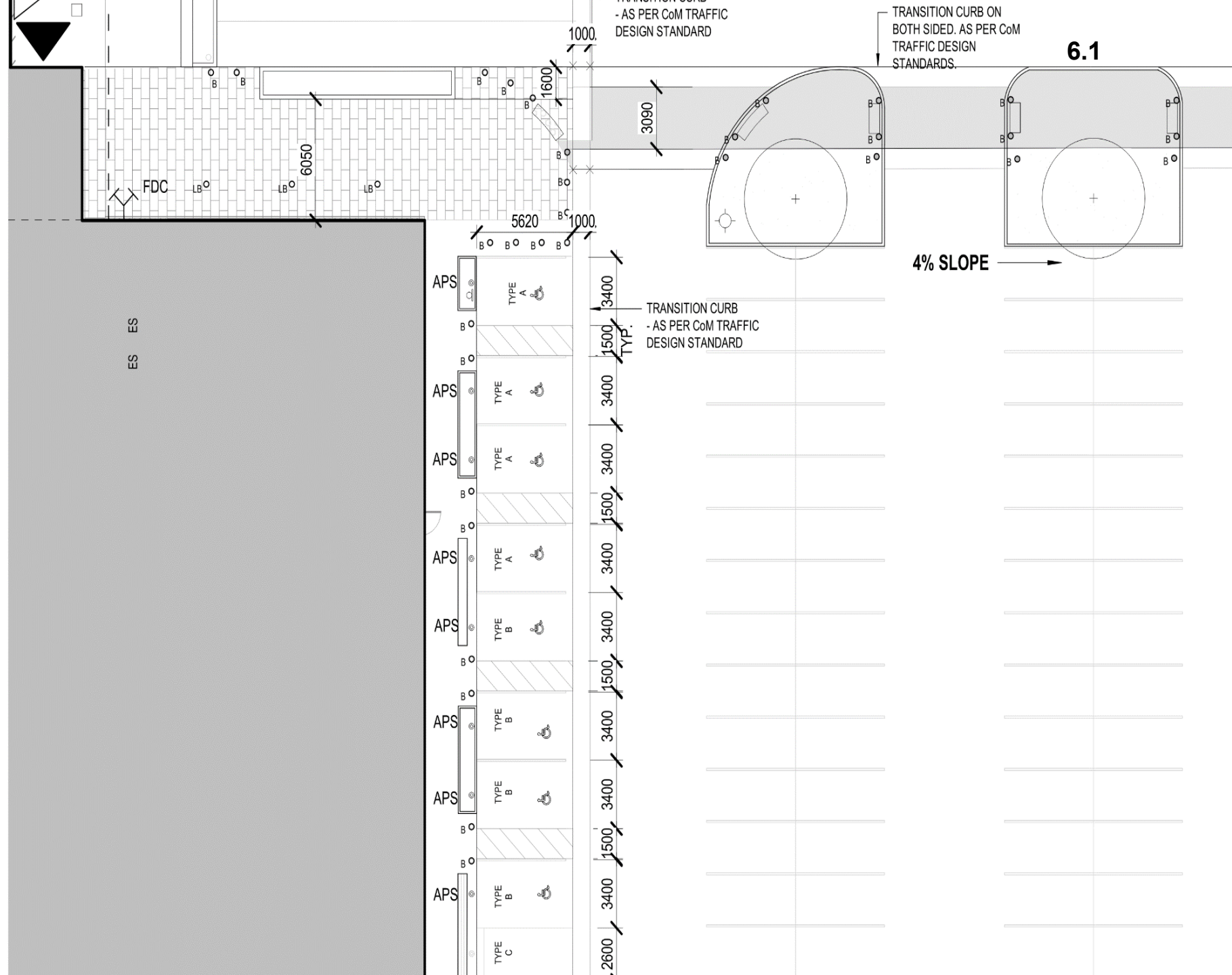
Accessible Paths

Legend

Accessible Paths



8 accessible
parking spaces
(Type A)





View at Entry Plaza

6.1







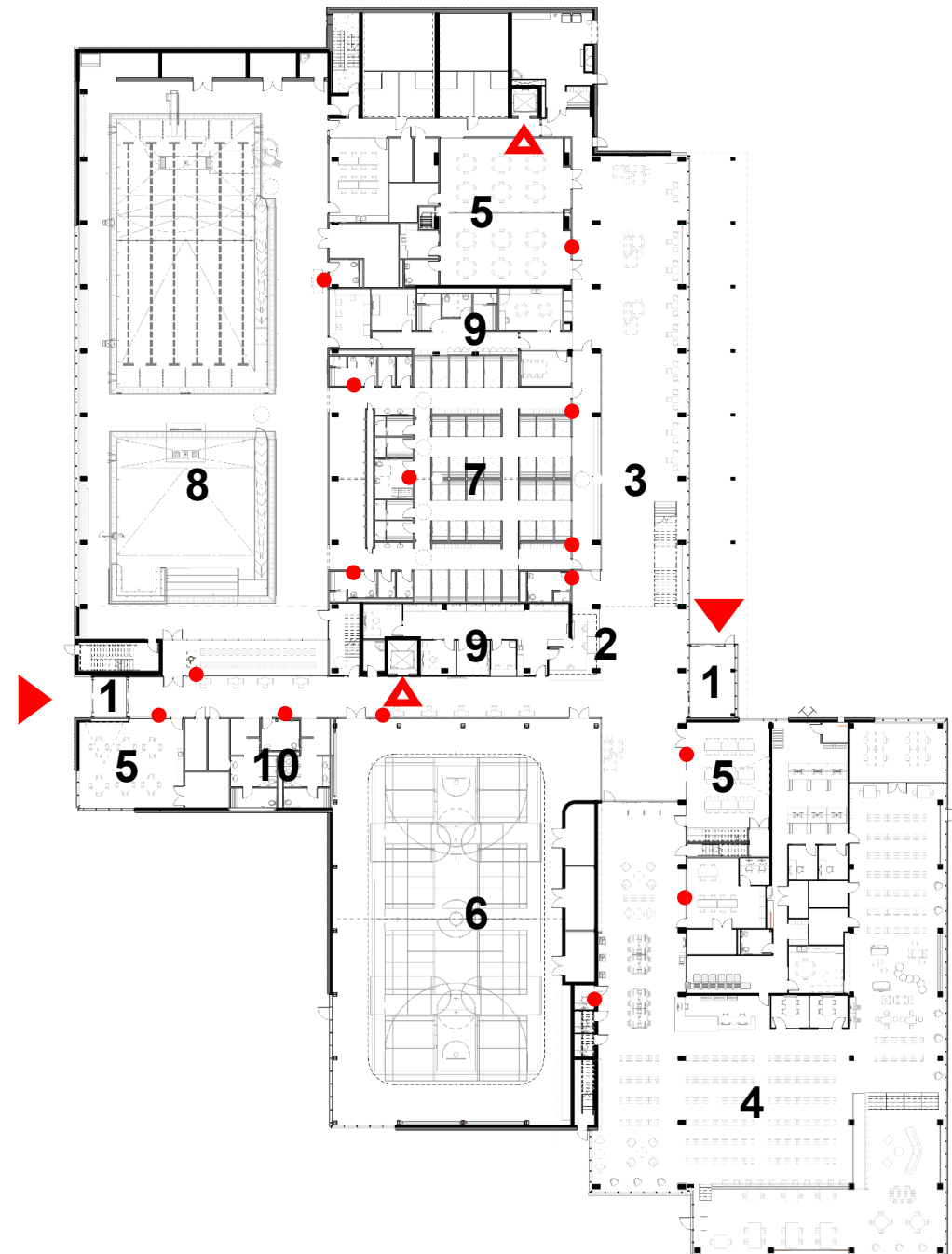
Level 01

- 1 VESTIBULE
- 2 RECEPTION
- 3 LOBBY
- 4 LIBRARY
- 5 MULTI-PURPOSE ROOM
- 6 GYM
- 7 POOL CHANGE ROOM
- 8 POOL
- 9 STAFF AREA
- 10 PUBLIC WASHROOMS
- 11 LOADING
- 12 SQUASH COURTS

Legend

▲ Main Entry

▲ Elevator



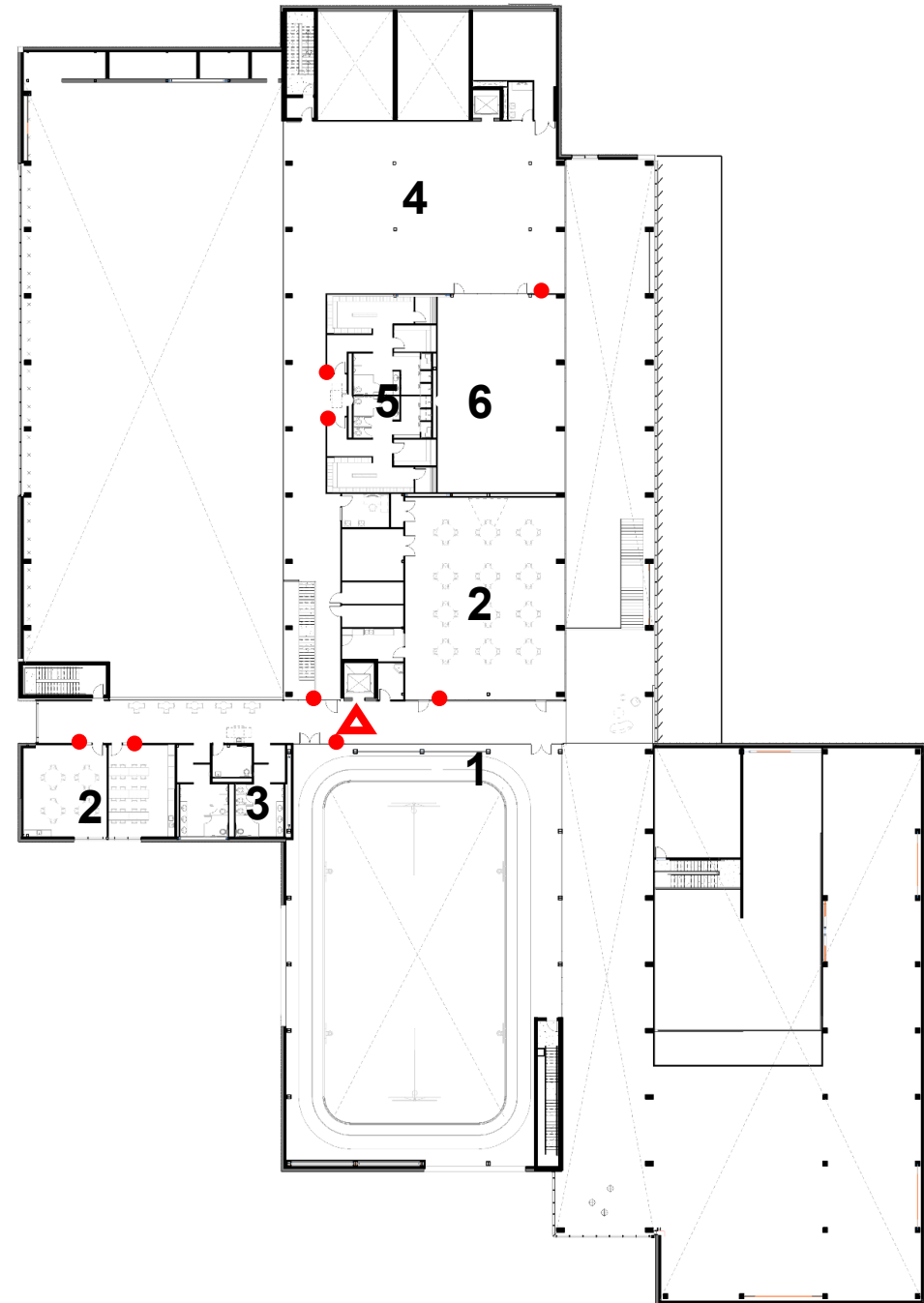
Level 02

- 1 WALKING TRACK
- 2 MULTI-PURPOSE ROOM
- 3 PUBLIC WASHROOMS
- 4 FITNESS CENTRE
- 5 FITNESS CHANGE ROOMS
- 6 STUDIO

Legend

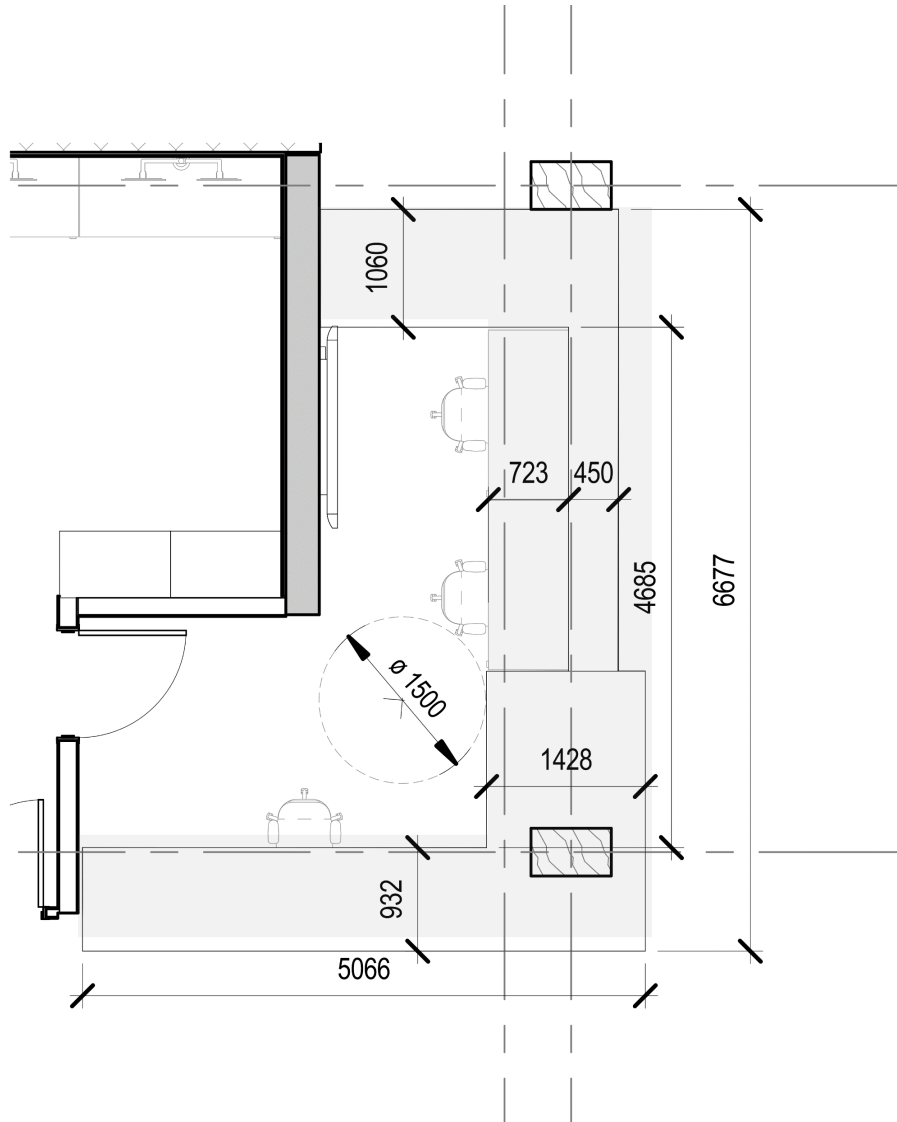
▲ Main Entry

▲ Elevator

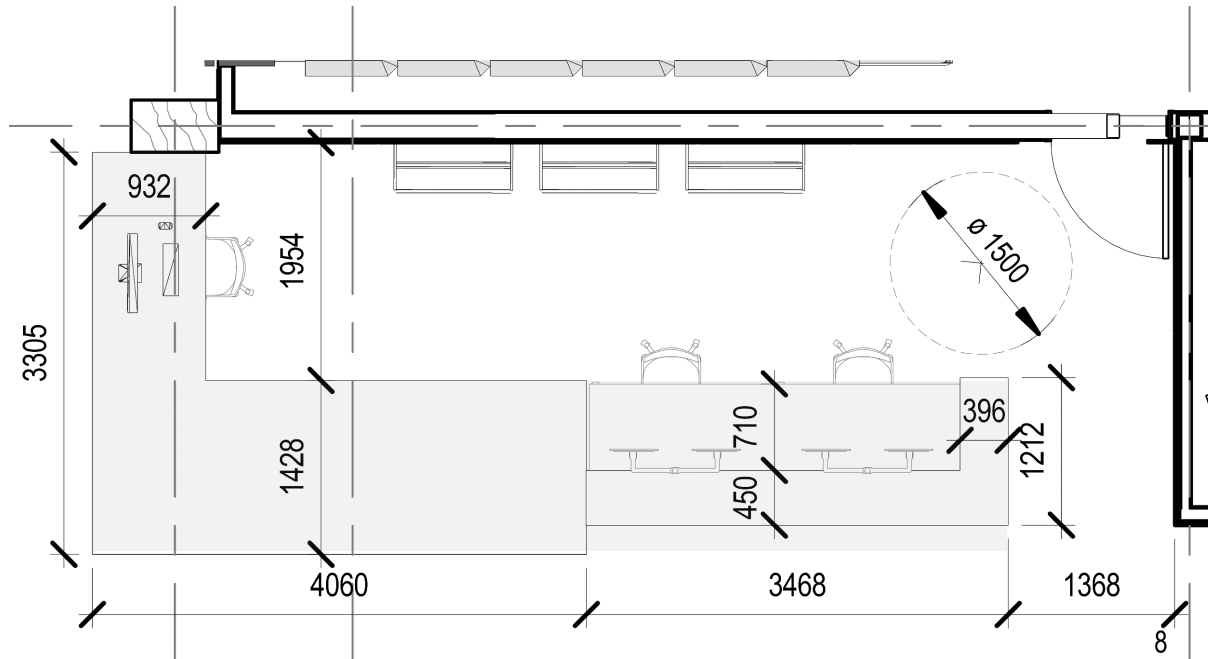


6.1

Reception



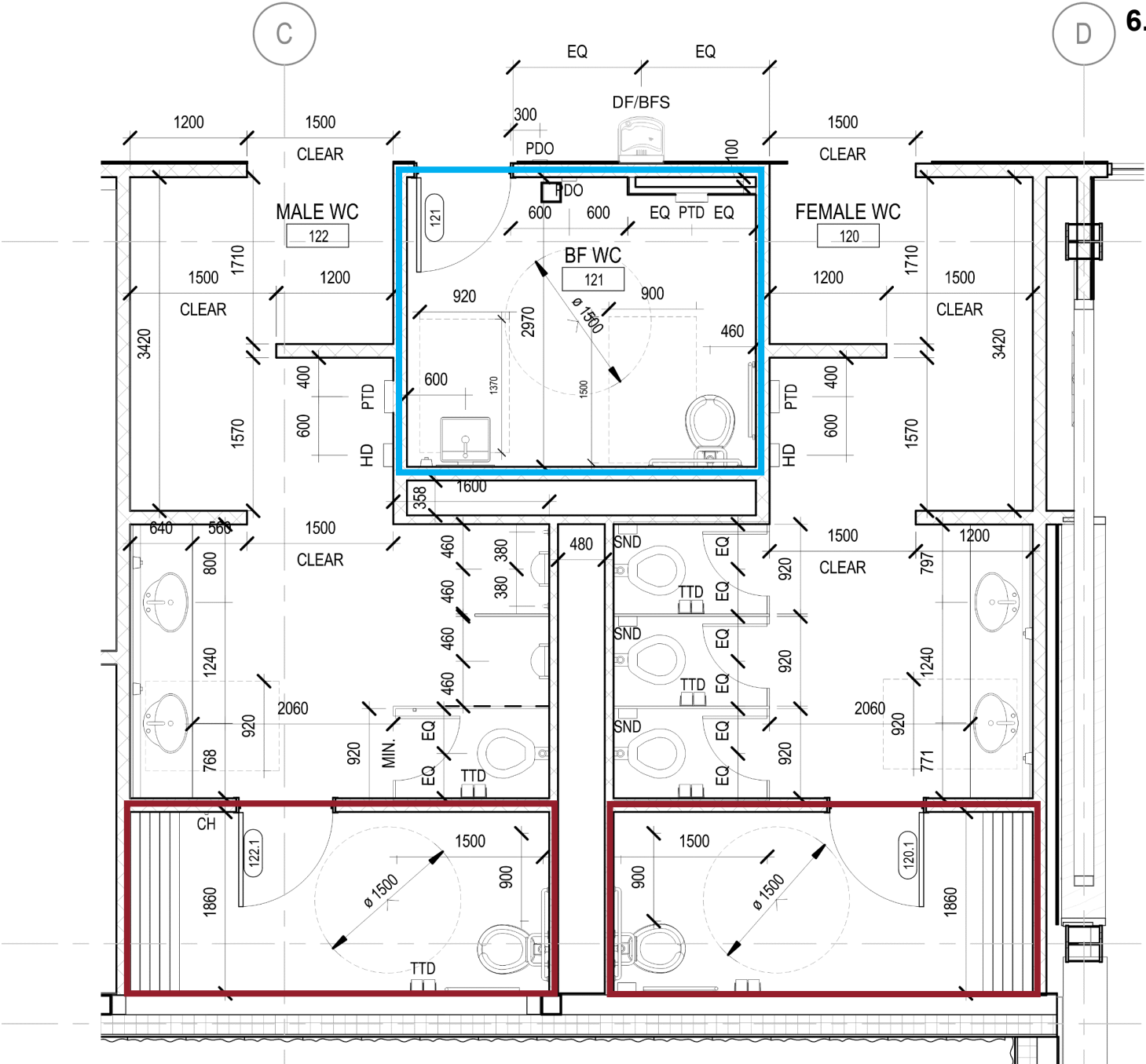
Library Service Desk



Public Washroom

Legend

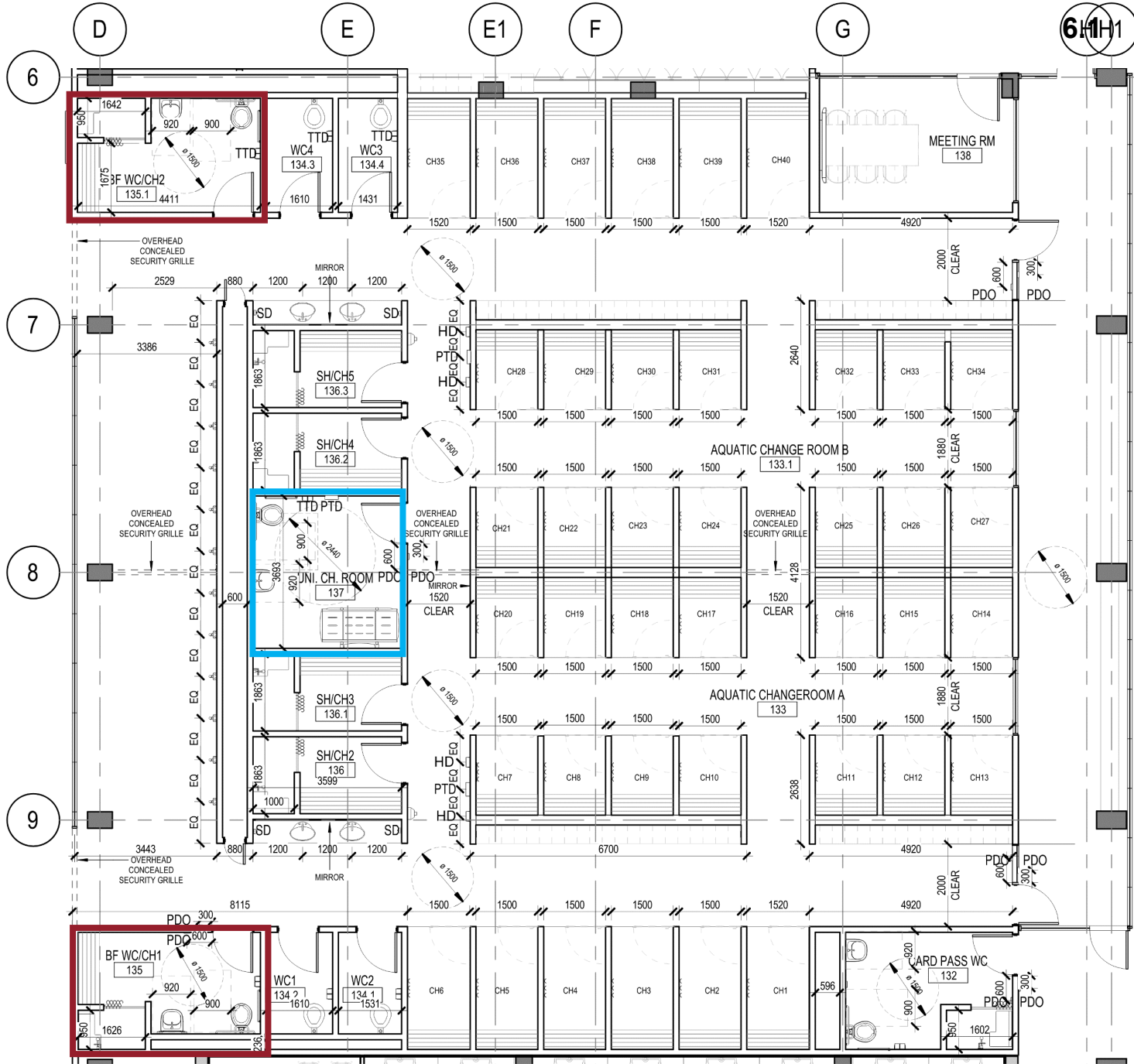
- accessible washroom
- universal washroom



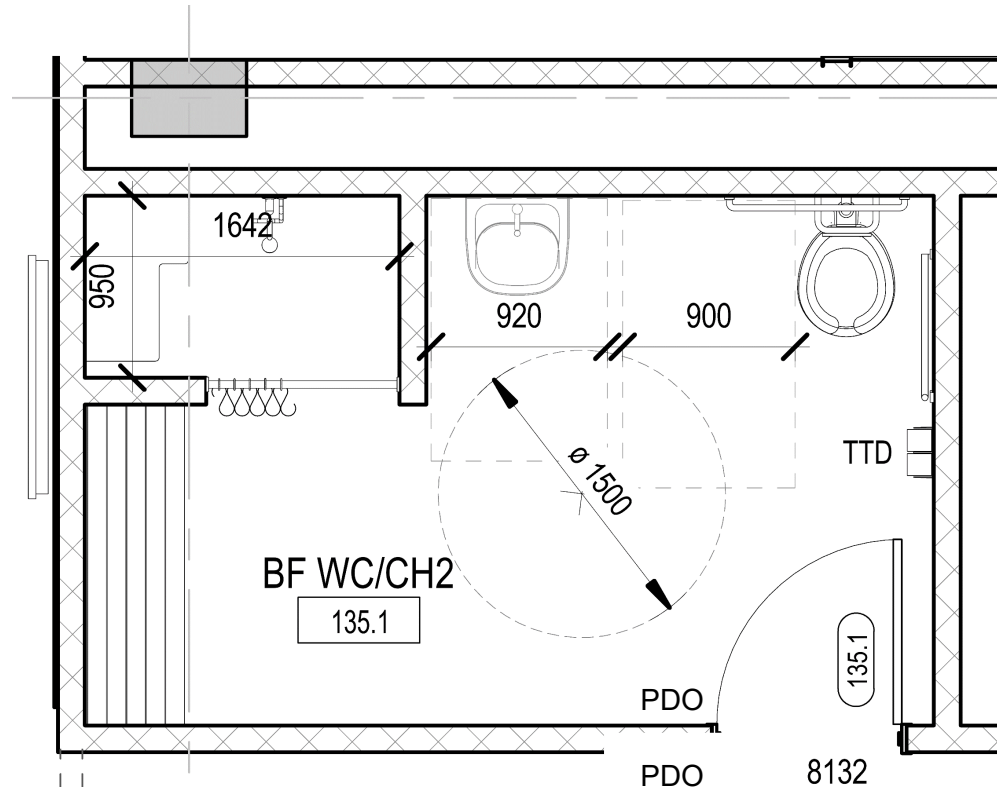
Aquatic Changeroom

Legend

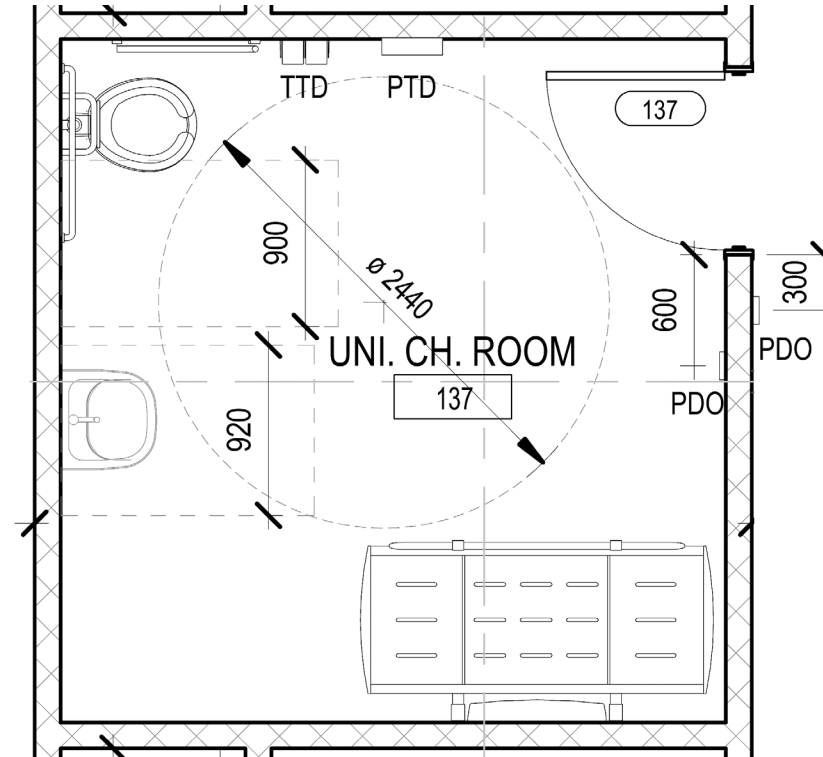
- barrier free changeroom
- universal washroom



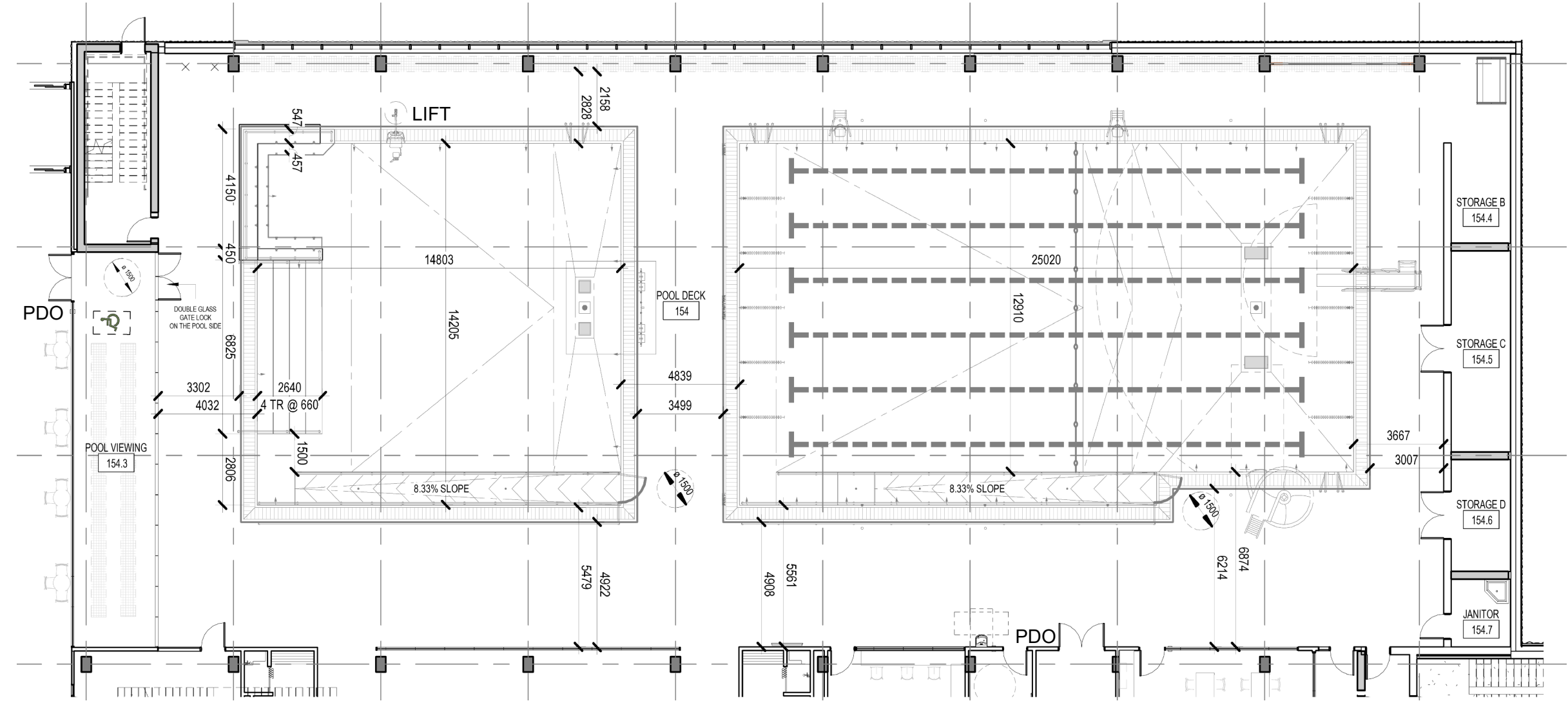
Aquatic Barrier Free Changeroom



Universal Washroom



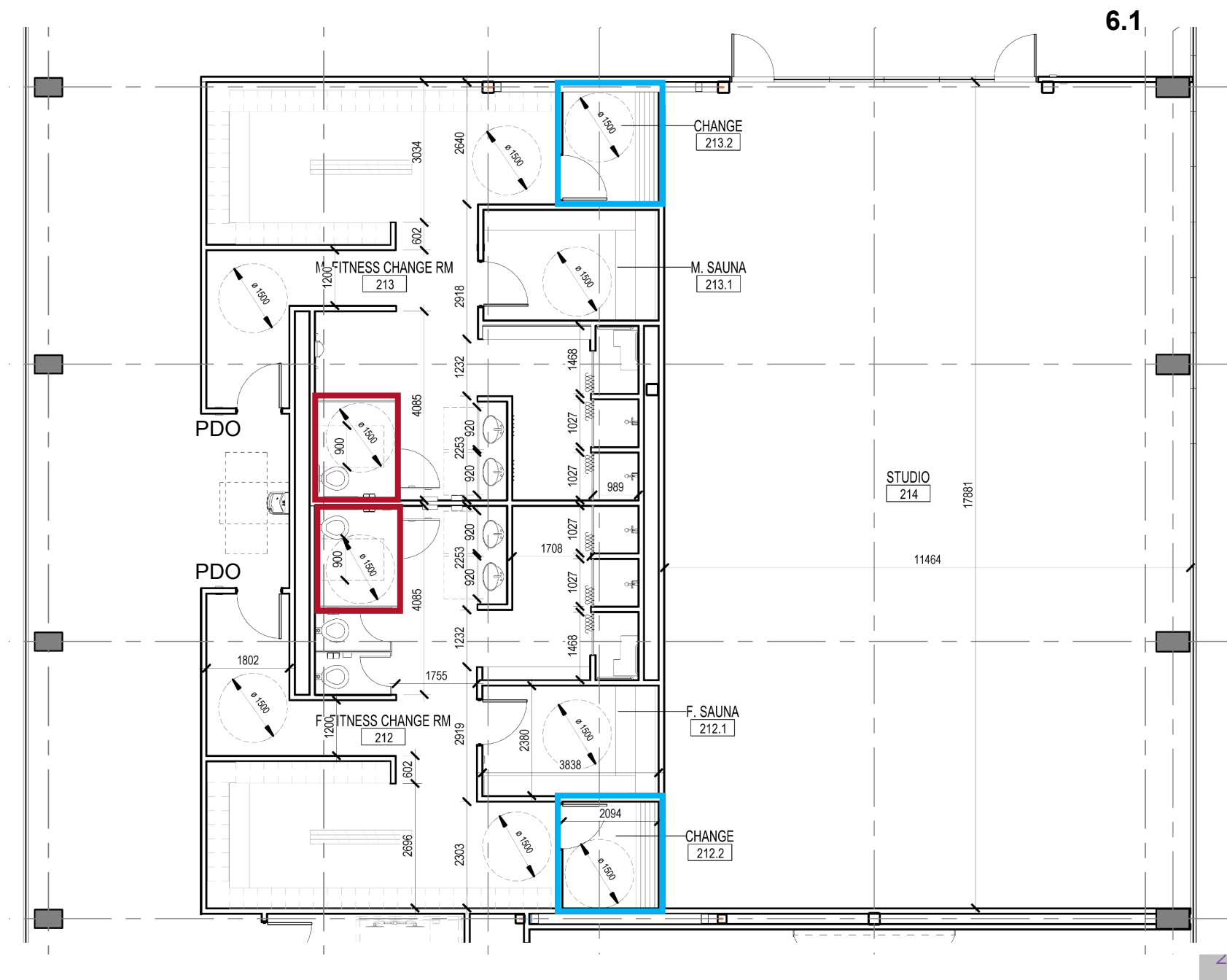
Aquatic Centre



Fitness Centre

Legend

- accessible washroom
- accessible changeroom



View of Library Entry

6.1



View of Gymnasium

6.1





View of Pool overlooking Park

6.1



Next Steps

Items to be address as detailed design progresses:

- Texture and Colour
 - Glare free colour contrast
 - Colour contrast to define edges and boundaries
 - Detectable warning surfaces
- Materials and Finishes
 - Stable, firm, slip resistant finishes
 - Glare free and non-abrasive surfaces
- Accessible Signage

DESIGN DEVELOPMENT AND ASSESSMENT CHECKLIST













Date: 2023.09.13		✓ Check One for Each Category	Comments
Facility Name: South Common Community Center and Library			
Facility Address: 2233 South Millway, Mississauga, ON L5L 3H7		Design Development <input checked="" type="checkbox"/>	
F&PM Client:		Facility Assessment <input type="checkbox"/>	
Group/Client:		New Construction <input checked="" type="checkbox"/>	
Contact: Wing-See Wu, T 905-615-3200 ext. 3394		Renovation <input type="checkbox"/>	
Project Description: Recreation Centre and Library		Exterior Only <input type="checkbox"/>	

The Facility Accessibility Design Standards (FADS) document is a design aid applicable to the design and construction of new facilities, as well as the retrofit, alteration or addition to existing facilities owned, leased or operated by the City of Mississauga.

















The Design Development and Assessment Checklist has been created to assist staff, designers and contracted consultants with the application of FADS and ensure each element has been applied to each project and to document elements of a project which may have been technically infeasible to implement. In a retrofit situation where a design element has little likelihood of being accomplished due to structural conditions or other existing physical or site constraints prohibit modification, the **TECHNICALLY INFEASIBLE ELEMENT FORM** is to be completed and signed by the Facilities and Property Management Division Manager and maintained in the project file. Where an equivalent means of facilitation is being proposed to achieve the intent of part of the Standards, an **EQUIVALENT FACILITATION PROPOSAL FORM** is to be completed by the designer and forwarded to the City Project Manager and Accessibility Coordinator.

This Checklist is a reference tool only and must be used in conjunction with the FADS document. It does NOT include all requirements or exceptions applicable to each design element. Staff and the prime consultant where applicable, shall complete this checklist during the design phase of each project. Checklists are to be signed by the appropriate manager and maintained in the project file.

Section	Element	Key Design Requirements	Y	N	Comments or N/A
GENERAL CHARACTERISTICS					
4.1.1	Space and Reach Requirements	2440 (96) turning space for wheelchairs/scooters; 1370 x 810 (54 x 32) footprint for wheelchairs and scooters; 400-1200 (15-3/4 - 47) reach range from seated position.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.1.2	Ground and Floor Surfaces	Level changes: Up to 6 (1/4) may be vertical; 6.1-13 (9/32 - 1/2) to be bevelled; over 13 (1/2) to be ramp or curb ramp. Gratings max 13 (1/2) openings, perpendicular to direction of travel,	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.1.3	Protruding & Overhead Objects	Objects projecting more than 100 (4) to be cane-detectable – lowest edge no higher than 680 (26-3/4). Min 2100 (82-3/4) headroom.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.1.4	Accessible Routes, Paths, and Corridors	Wherever possible, all routes to be accessible; 1500 (59) min width for exterior routes; 1100 (43-1/4) min width for interior routes; routes less than 1830 (72) wide to have passing places no more than 30 metres (98 feet 5 inches) apart; routes less than 2000 (78-3/4) wide to have turn space at dead ends; rest areas required every 30 metres (98 feet 5 inches); edge protection may be required; slope no steeper than 1:25 (4%), or design as ramp. Max 1:50 cross-slope.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.1.9	Ramps	Slope must be between 1:25 (4%) and 1:20 (5%); max 9 metres (29 feet 6 inches) between landings; min 2440 x 2440 (96 x 96) landings at top and bottom; min 1670 x 2440 (65-3/4 x 96) at landings at switchbacks; min 1670 (65-3/4) long landings in straight ramps; handrails required both sides, with appropriate extensions. Intermediate handrails required on stairs wider than 2200 (86-5/8) wide.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.1.11	Stairs	Open risers must not be used; tread length 280 – 355 (11-14); riser height 125-180 (4-7/8 – 7); must have detectable warning surface at top of flights; handrails required both sides, with appropriate extensions. Intermediate handrails required on stairs wider than 2200 (86-5/8) wide.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.1.12	Handrails	865-920 (34-36) high; colour/tonal contrast with surrounding environment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.3	Elevated Platforms	On an <i>accessible route</i> ; <i>Detectable warning surface</i> min. 610 (24) – 920 (36) deep flush to edge or drop-off	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A.
4.3.11	Balconies, Porches, Terraces and Patios	On an <i>accessible route</i> ; Min. 2440 (96) deep; Thresholds shall be accessible; Surfaces shall be accessible; Railings/Guards colour contrasted to surroundings; Doors open against a side wall or rail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.15	Benches	On an <i>accessible route</i> ; Provide clear, level floor space adjacent to bench for wheelchair; Bench seat 450-500 (18-20) above the ground; arm and best rests; colour contrasted to surroundings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.16	Public Use Eating Areas	Min. 20% accessible; Variety of locations in each area; On an <i>accessible route</i> ; Knee space at the table; Surface 810-865 (32-43) high; Clearance around each	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A.

		Symbol of Accessibility; Tactile signage shall be on an <i>accessible route</i> and mounted from 1370 – 1500 (54 – 59) to the centreline; Lighting levels measured at sign surface min. 200 lux			Signage package and details to be provided as part of construction drawings.
4.4.8	Detectable Warning Surfaces	Colour contrasted to surroundings; Slip resistant; Provided at top and entry points to all stairs (circulation and exit); Min. 920 (36) deep and full width of stair; Truncated Domes			Details to be provided as part of construction drawings.
4.4.13	Lighting	Exterior: Meets Illuminating Engineering Society of North America Standards; Lighting levels measured at the ground; Pedestrian entrance min. 100 lux; Parking and passenger drop-off areas min. 30 lux; Lighting fixtures placed high enough to clear normal snow accumulation Interior: Full spectrum lighting; Evenly distributed at floor level to minimize pools of light and not create areas of shadow; elevator lobbies, washrooms and at signage min. 200 lux; Office areas min. 300 lux; Emergency lighting min. 100 lux.			Noted.
4.4.14	Materials and Finishes	Exterior: Non-slip and firm; Walkways to use accessible finishes; Where wood planks used, wood laid perpendicular to path of travel; Max. joints 6 (1/4) wide and lifts 3 (1/8); Gratings/Grills place to side of pedestrian routes or so narrow openings perpendicular to path of travel max. 13 (1/2) Interior: Any carpeting low-level loop; Hard surfaces non-slip, non-glare and accessible; Joins max. 6 (1/4) and flush; Walls non-abrasive to 2000 (79) high			Details to be provided as part of construction drawings.
4.4.15	Texture and Colour	Exterior: Pronounced colour contrast to differentiate boundaries of objects, objects from backgrounds and enhance spatial orientation. Interior: Colour contrast to define edges (e.g. stair nosings, doors, handrails); Colour/tone define boundaries (e.g. wall to floor); Baseboard contrasted to walls and floor where monochromatic colour scheme selected; Enhance wayfinding.			Details to be provided as part of construction drawings.
4.5.3	Swimming Pools, Therapeutic Pools/Public Spas and Spray Pads	Swimming pools, Wading pools, Hot pools, Splash pads, Spray pads, Therapeutic pools and Spas shall be accessible; Pool has direct accessible route from lobby/entrance to change rooms through to pool deck; Ramp access to water; Mechanical pool lifts; Public Spas transfer walls; Therapeutic pools water temperature, controls, depth and submerged benches			Noted.

SITE CHARACTERISTICS

4.1.10	Curb Ramps	Min 1500 (59) wide; running slope 1:50 to 1:20 (2% to 5%); 900 (35-1/2) wide flared sides; must have detectable warning surface.			Noted.
4.3.12	Parking	All parking structures, underground parking and surface lots; Provide both Accessible and Limited Mobility spaces; Number of each type of space as per Table 4.3.12; Parking spaces should be joined to the building by an <i>accessible route</i> that does not travel behind parked vehicles or along driveways; Signage at parking spaces and directional signage to location of parking shall be accessible and not mounted on fences or building faces; Directional signage shall be provided where the accessible entrance is not obvious or distant; Public consultation required			Noted.
4.3.13	Passenger Loading Zones	At least 1 shall be accessible; Identified with accessible signage; Includes space for the driveway, a layby and an access aisle; Connected to an <i>accessible route</i> ; Curb ramp or drop curb with detectable warning surface; Min. 3600 (11ft 10) vertical clearance			Noted.
4.3.14	Landscaping Materials and Plantings	Min 10% plant beds accessible where plan beds provided; Min 460 (18) high; on an <i>accessible route</i> ; Cane-detectable curbs; No permanent guide wires; Min 2100 (83) headroom clearance			Noted.
4.3.17	Streetscapes	On an <i>accessible route</i> ; Including waste receptacles, light standards, signs, planters, mail boxes, vending machines, benches, traffic signals and utility boxes; Primary routes min. 2100 (83) wide with 300 (12) continuous <i>indicator surface</i> ; Non-primary routes min. 1500 (59); Elements do not reduce width of accessible route; Any operating mechanisms shall be accessible and provide a clear floor area for wheelchairs and scooters in front of usable parts			Noted.
4.3.19	Service Animal Relief Areas	On an <i>accessible route</i> ; Provided within 30m of accessible entrance; Provide accessible garbage can and identification signage			Noted.
4.4.17	Pedestrian Signals	Provided with a locator tone distinct from walk indicator; 1500 (59) from curb edge and 1100 (43-1/4) above ground; tactile arrows aligned with direction of travel; manual and automatic activation features; audible and vibro-tactile walk indicators; 3000 (118) distance between two accessible pedestrian signals on the same corner, or installed on single post with verbal announcement for active crossing			N/A
4.5.2	Outdoor Recreational Facilities	Accessible routes, auxiliary services, plantings; Accessible Boardwalks, Docks, Recreational Trails and Footbridges, Pathways, Rest Areas, Parks, Playgrounds, Picnic tables, Drinking Fountains, Public Telephones, Lighting, Washrooms, Waterfront Areas, Natural Areas, Grandstand/Viewing Areas,			Noted.

BUILDING CHARACTERISTICS

ACCESS AND CIRCULATION

4.1.5	Entrances	All entrances used by staff and/or the public to be accessible	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.1.6	Doors	Power operators required at entrances, washrooms with an accessible stall, universal washrooms, change/dressing rooms with accessible toilet/shower, and intermediate doors across primary routes. Revolving doors are not accessible. Clear ground/floor space on each side (See Table 4.1.6); min 950 (37-1/2) clear opening; doors in series to be min 1525 (60) plus width of any in-swinging door, apart; power door operator controls no closer than 600 (23-5/8) from inside corner and not less than 600 (23-5/8) and not more than 1525 (60) beyond the door swing; 1370 x 810 (54 x 32) space at power door operator controls; hardware to be accessible; colour/tonal contrast with wall.	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.1.7	Gates, Turnstiles and Openings	950 (37-1/2) min clear width	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.1.8	Windows, Glazed Screens and Sidelights	Frameless glass doors and/or sidelights must not be used. 760 (30) max height for lowest edge of viewing windows and vision panels. Operating hardware to be accessible. Decals to be used at large expanses of glass to enhance visibility.	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.1.13	Escalators	Where provided, an alternate accessible route is required in the same vicinity as the escalator. <i>Detectable warning surfaces</i> required at top and bottom.	<input type="checkbox"/> <input checked="" type="checkbox"/>	N/A.
4.1.14	Elevators	Min 1725 x 1525 (68 x 60) cab size (2030 x 1525 (80 x 60) in high use facilities); min 950 (37-1/2) clear opening at door; handrails on all non-access walls; 1370 x 810 (54 x 32) clear floor space at hall call buttons; emergency call system with two-way communication ability which does not solely rely on voice input.	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.1.15	Platform Lifts	Platform lifts can only be used to access a performing area, comply with wheelchair viewing position dispersion requirements, an incidental space not accessible to the public with no more than 5 occupants, or raised judges benches and other raised areas in a courtroom.	<input type="checkbox"/> <input checked="" type="checkbox"/>	N/A.

WASHROOM FACILITIES

4.2.1	Toilet Facilities	Requirements for each public or <i>common use</i> toilet facility; Other toilet rooms provided for the use of occupants of specific <i>spaces</i> (i.e. a private toilet room for the occupant of a private office) shall be <i>adaptable</i> ; Min 1 universal washroom in addition to any <i>accessible</i> public or <i>common use</i> toilets, provided in all public buildings and on every floor level in <i>assembly areas</i> where the floor incorporates <i>common</i> or <i>public use</i> washroom facilities containing four or more toilet and/or urinal fixtures; Number accessible toilet stalls; Min 5% accessible portable toilets where used	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.2.2	Toilet Stalls	Where toilet stalls used the number of <i>accessible</i> toilet stalls see Table 4.2.2; Min 1 ambulatory toilet within each non-accessible washroom	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.2.3	Toilets	Height of seat; Back support; <i>Clear</i> transfer space; Toilet flush controls are accessible and on transfer side of the toilet; L-shaped grab bar; Rear grab bar; Drop-down grab bar; Toilet-paper dispenser	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.2.4	Lavatories	On an <i>accessible route</i> ; Top 820 - 840 (32-1/4 - 33); Knee space; <i>clear floor space</i> 760 (30) wide x 1370 (54) deep with up to 480 (18-7/8 in.) under the lavatory; hot water and drain pipes insulated or temperature limited; Soap and Towel dispensers accessible; Faucets and other controls; Shelves/other projections	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.2.5	Urinals	On an accessible route; No step in front of the fixture; Wall-mounted with elongated rim max.430 (17); Min. 345 (13-1/2) deep; Forward approach clear floor space 810 x 1370 (32 x 54) in front; Privacy screens; Grab bars; Flush controls; Number of accessible urinals	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.2.6	Washroom Accessories	Hand-operated dispensers, hand dryers, built-in garbage receptacles, mirrors, etc. accessible; 900 - 1200 (35-1/2 - 47); Tilt mirrors shall not be used	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.2.7	Universal Washroom	Min 1 universal washroom in addition to any accessible public use or common use toilets for all public buildings and every floor of assembly buildings otherwise see Table 4.2.1; Emergency call system; Adult change table size, surface height, adjacent clear floor space, weight capacity, on an accessible route, and accessible controls	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
4.2.8	Bathtubs	All bathtubs; Clear floor space parallel to toilet 920 (36) deep x full length of tub; Faucets lever type or are automatic; "L" shaped grab bar; Vertical grab bar; Controls equipped with a pressure-equalizing or thermostatic-mixing valve; Fully recessed soap holder	<input type="checkbox"/> <input checked="" type="checkbox"/>	N/A
4.2.9	Showers	Number of accessible showers see Table 4.2.9; On an accessible route; no or bevelled threshold; Trench-style drain; Wall-mounted folding seat; L-shaped grab bar; Vertical grab bar on each end wall; Pressure equalizing or thermostatic mixing valve; Fully recessed soap holder; Accessible shower head	<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.
			<input checked="" type="checkbox"/> <input type="checkbox"/>	Noted.



























OTHER AMENITIES


		cantilevered: Min 810 x 1380 (32 x 54) clear floor space with knee and toe space to min 700 (28) at the base; If freestanding: Clear floor space for parallel approach	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.2	Viewing Positions	On an <i>accessible route</i> without blocked egress; See Table 4.3.2 for number of required spaces; Include adaptable seating; Provide storage for wheelchairs and other mobility assistive devices; Integrate accessible locations in a distributed in a variety of admission prices; Clear level and minim 920 (36) wide x 1525 (60) deep with min. 1 companion seat beside each space	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted for pool viewing only. No admissions
4.3.4	Change/Dressing Rooms	On an accessible route; Private accessible dressing rooms include 180 degree turn space; Accessible dressing rooms have 180 x 18030 (32 x 72) bench with 70 (30) wide clear floor space parallel to bench; Collapsible coat hooks; Slip resistant for wet conditions for flooring and bench surfaces; Accessible mirror	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.5	Offices, Work Areas & Meeting Rooms	On an accessible route; Clear floor space for 180-degree turn; Min 5% but not less than 1 have height adjustable work surface where multiple workstations/meeting rooms; Assistive listening system provided where required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.6	Waiting and Queuing Areas	On an accessible route; Waiting rooms with fixed seating include min. 3% and not less than 1 clear floor spaces for assistive equipment; Queuing barriers arranged in parallel lines; Permanent queuing incorporate defined floor patterns/colours/textures as wayfinding; Colour contrast provided for barriers from surrounding environment; Clear floor space where lines change direction; Guides must be cane detectable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.7	Tables, Counters and Work Surfaces	Min 10% to be accessible; Should be recessed; On an <i>accessible route</i> ; Min 810 (32) wide x 1370 (54) deep clear floor space place with max. 480 under the surface; Clear knee and toe space; Surface height 710-865 (28-34) where not adjustable; Speaking port controls and height accessible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.8	Information, Reception and Service Counters	Min 1 accessible for each type of service provided; Clearly identified by signage; Where a single queue line is provided all counters will be accessible; On an <i>accessible route</i> ; Surface, knee and toe space see 4.3.7; Knee space provided for both staff and public sides; Speaking port controls and height accessible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.9	Storage, Shelving and Display Units	At least 1 of each type shall be accessible; Self-service unit shall be on an <i>accessible route</i> ; Forward/parallel approach clear floor space min. 810 x 1370 (32 x 54); Cloths rods/shelves max. 1370; Collapsible coat hooks max. 1200 (47); Hardware touch latch or U-shaped pulls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.10	Lockers and Baggage Storage	At least 10% accessible; On an <i>accessible route</i> ; Bottom shelf min. 230 (9); Top shelf max. 1200 (47); Locker IDs should be accessible; Baggage racks/carousels surface max. 460 (18) with continuous colour-contrasting strip at edge; Access spaces min. 1370 (54) deep x 810(32) wide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.3.18	Kitchens and Kitchenettes	For use by staff and public; Min 50% of shelf space accessible; Pass-through kitchens; U-shaped kitchens; Storage elements; Kitchen sinks; Appliances; Colour contrast	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.

SYSTEMS AND CONTROLS

4.4.1	Emergency Exits, Fire Evacuation and Areas of Rescue Assistance	Exterior: Accessible emergency exits shall be connected to an <i>accessible route</i> Interior: <i>Areas of rescue assistance</i> on an <i>accessible route</i> ; Each space 850 x 1370 (33-1/2 x 54) per non-ambulatory occupant; Total Areas of Rescue space see Table 4.4.1; Accessible identification signage; 2-way voice communication system.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.4.2	Controls and Operating Mechanisms	Mounted between 400 - 1200 (8 – 47); Operable with a closed fist; Lighting at min. 100 lux; Colour contrasted from surroundings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.4.3	Vending and Ticketing Machines	On an <i>accessible route</i> ; Clear floor space to access controls; Controls mounted at accessible heights; Signage on machines accessible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.4.4	Visual Alarms	Provided at least at restrooms, general usage areas (e.g. meeting rooms), hallways, lobbies and other common use areas; Spacing max. 15 m (50 ft.) apart; Mounted 2100 (78-3/4); Meet NFPA 72 Section 18.5.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.4.5	Public Telephones	Number of public phones to be accessible see Table 4.4.5; All accessible telephones and 25% of remaining require volume controls; Controls shall be accessible and meet CSA T515; Lighting minimum 200 lux; Clear floor space for front or side approach; ID signage includes symbol of accessibility	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A.
4.4.6	Assistive Listening Systems	To be provided in assembly areas; Accessible signage identifying listen system present; May include induction loop, infrared and FM radio frequency systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.4.9	Public Address Systems	Zoned to provide information to key locations only; Minimize background noise; No continuous broadcast music; A;;-point calls for emergency only	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.
4.4.10	Information Systems	Including kiosks, video displays, maps, and information panels; Mounted to be usable for a person using a wheelchair or scooter; Controls shall be accessible; Clear floor space for front or side use shall be provided; Also see CSA B651.1 and B651.2 standards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noted.

☒ ☐ Noted.

			 	Noted.
4.4.16	Acoustics	Finishes do not unduly amplify occasional noises; <i>Accessible routes</i> in large facilities aurally differentiate major and secondary paths of travel; Public address and call systems; <i>Meeting rooms</i> and <i>assembly areas</i>	 	Noted.
<u>FACILITY-SPECIFIC REQUIREMENTS</u>				
4.5.1	Arenas, Halls and Other Indoor Recreational Facilities	Provide accessible seating options; Use detectable warning surfaces on stairs to access seating; Accessible route to arena/facility floor min. 950 (37-1/2) wide; Min. 10% coat hooks accessible; Staff areas to be accessible	 	Applicable to recreational spaces only.
4.5.4	Cafeterias	Min. 10% accessible where fixed tables or counters provided; Accessible tables and counters distributed throughout design; Min. 1 cashier to be accessible; Food/drink placed and Tray slides max. 860 (34) high; Min. 1100 (43-1/4) access aisles to and around accessible tables; Dining areas to be accessible; access aisles	 	N/A
4.5.5	Churches, Chapels and Other Places of Worship	All areas accessible to persons with disabilities including main areas of worship, meeting rooms, washrooms, coatrooms and offices. Accessible seating; Pulpits, altars, dais and choir areas; Public address systems; Assistive listening systems	 	N/A
4.5.6	Libraries	User elements on an accessible route; Min 10% of fixed seating, tables or study carrels accessible; Min 1 of each checkout area accessible; Min 50% of computer catalogues or workstations accessible; Shelving at fixed seating, tables and study carrels max. 1120 (44); Security gates and card catalogues accessible	 	Noted.
4.5.7	Business, Mercantile and Civic	Min 1 every transaction counters/cash register shall be accessible and on an accessible route (see Table 4.5.7); Where counters/teller windows separate public from staff the communication device shall be accessible; Checkout lines identified with International Symbol of Access signage and provide an accessible route	 	N/A
4.5.8	Police Stations	Accommodate persons with disabilities from the public, detainees, members of counsel or police staff. All areas the station used by the public, staff and counsel fully accessible. Secure areas (e.g. 2% of cells, all common areas used by detainees) accessibility accommodations; Secured entrances, doors and doorways operated only by security personnel not required to have accessible door hardware; Permanently installed telephones provided within cells have volume controls	 	N/A
4.5.9	Municipal Courts	Accommodate persons with disabilities who may be members of the judiciary, court clerks or other officials, defendants, members of counsel and members of the public; Accessible access to judge dais and court official's area; Accessible Jury boxes, Witness stands, judges' benches and courtroom stations, jury assembly or deliberation, kitchenettes/refreshment dispensers, drinking fountains; Permanently installed assistive listening system provided	 	N/A
4.5.10	Transportation Facilities	Links to transportation and within terminals are <i>accessible</i> to all members of a community including public and private bus, taxi, train, and airplane arrival and departure points; A variety of lift devices may need to be accommodated, and alternatives to audio and/or visual only scheduling are available; Accessible wayfinding strategies for open areas, include direction indicators; Bus Shelters, Bus Stops and Transit Terminals to have firm level surfaces, clearances around furniture and building elements, clear view of traffic, sufficient clear space. Detectable warning surfaces at edges of platforms. Lighting level at boarding platform of 100 lux. Visible and audible warning signals at boarding locations. Manoeuvring space at special lift devices used for boarding. Bus shelters; Bus Stops; Transit Terminals	 	N/A
4.5.11	Fire Stations	Municipal fire stations accommodate accessibility needs of all potential facility users, including - Staff returning to light duty work; Injured staff attending a Captain's office /Other meeting space within the facility; Administration staff, Council Members, Consultants, etc attending site visits; Tours of non-work staff (School groups, etc.); Occasional uses of the facility; Meeting spaces open to the public and used for municipal functions; and Use by members of the general public in an emergency situation	 	N/A
4.5.12	Training And Teaching Spaces	Students, teachers and staff with disabilities accommodated in all training and teaching spaces throughout the facility. Basic accommodation includes ability to enter and move freely throughout the space, as well as use the various built-in elements within (i.e. integrated technology, whiteboards, switches, computer stations, sinks, etc.); Additional electrical outlets throughout; Min 1 of each type of element should be accessible; Fixtures, fittings, furniture and equipment is accessible for students, teachers and staff; Adjustable height tables and chairs, removable armrests and rolling/locking casters on furniture	 	N/A
4.5.13	Laboratories	Staff with disabilities have equitable access to laboratory facilities; Basic accommodation includes ability to enter and move freely throughout the space, as well as use the various built-in elements within (i.e. blackboards, switches,	 	N/A

		built-in millwork shall be located on an accessible route; Public address systems; Assistive listening systems; Kitchens/kitchenettes or Food preparation areas; Cubbies and Coat storage areas; Where stairs and ramps are needed, handrails and accessible and second childheight handrail provided; Playground(s) on site comply with CAN/CSA Z614-07 Annex H		N/A
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I have utilized this Checklist as a design aid in conjunction with the FADS document throughout the design phase of this project, or during a Facility Assessment of an existing building.

Project _____ Consultant/Firm: _____ Date: _____

I have utilized this Checklist as a design aid in conjunction with the FADS document throughout the design phase of this project OR I have reviewed the design submissions of the Consultant and acknowledge FADS compliance throughout the project Scope of Work.

Project: South Common Community Center and Library Consultant/Firm: Perkins&Will Date: 2023.09.13

Manager: _____ Date: _____

Fire Stations 114 & 115 Additions FADS Committee Review

September 2023



Agenda

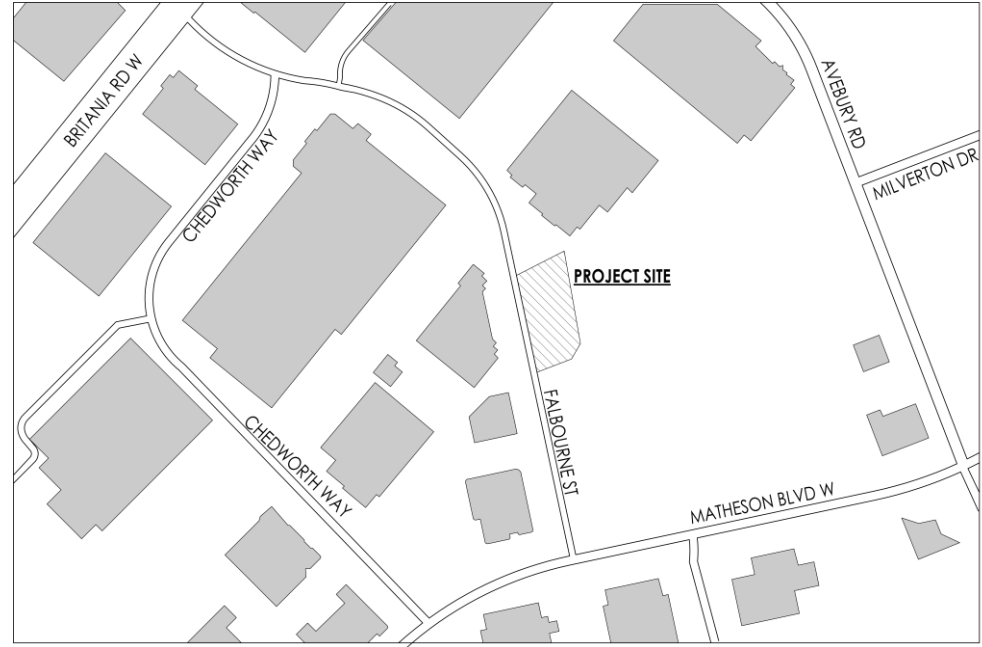
1. Background
2. Project scope and objectives
3. Review design
4. Questions, comments

Background

- Mississauga Fire & Emergency Services (MFES) has 10-year capital plan to renovate thirteen (13) fire stations across the City.
- Fire Stations 114 and 115 are renovated this time.

Fire Station 114

- 845 Falbourne St
- Major intersection:
- Matheson Blvd W and Falbourne St
- Serving Ward 5



Fire Station 115

- 4595 Glen Erin Dr.
- Major intersection:
Eglington Ave W and Glen Erin Dr
- Serving Ward 8



Project Scope and Objectives (summary)

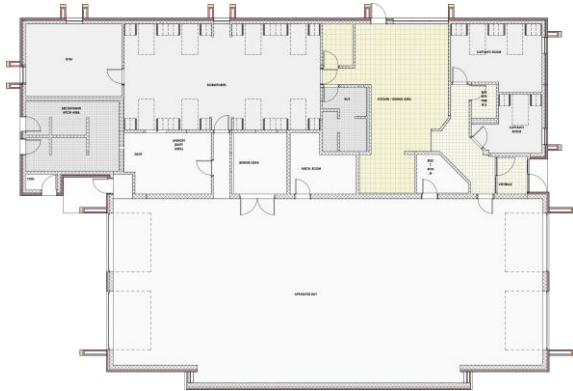
- Selective demolition of existing building, new addition, and renovation of existing areas, complying with AODA (front entrance, vestibules, kitchen, dayroom, dormitory spaces, two captains' room, and other work areas; washrooms, training area, bunker gear storage room, laundry room, parking lot, patios)

Project Scope and Objectives (summary)

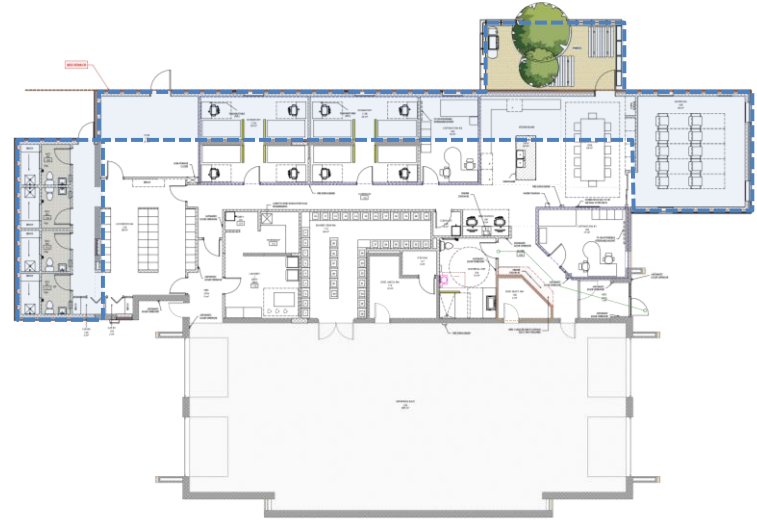
- New natural gas full backup emergency generator; provision of all Mechanical, Electrical, Structural, and Control work, as required for the removal, installation, and commissioning of the above-noted equipment and systems;
- Site plan approval, permits, and processes related; lifecycle renewal work including signage and exterior lighting.
- Mobile trailer for temporary accommodation for one crew
- Selective site improvements throughout the site.

Fire Station 114

Existing

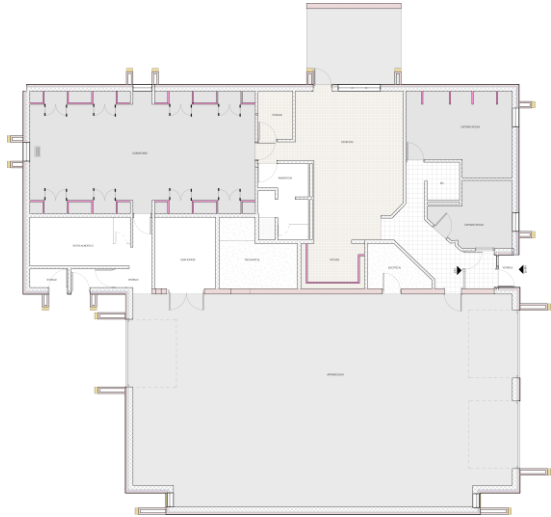


Proposed



Fire Station 115

Existing



Proposed



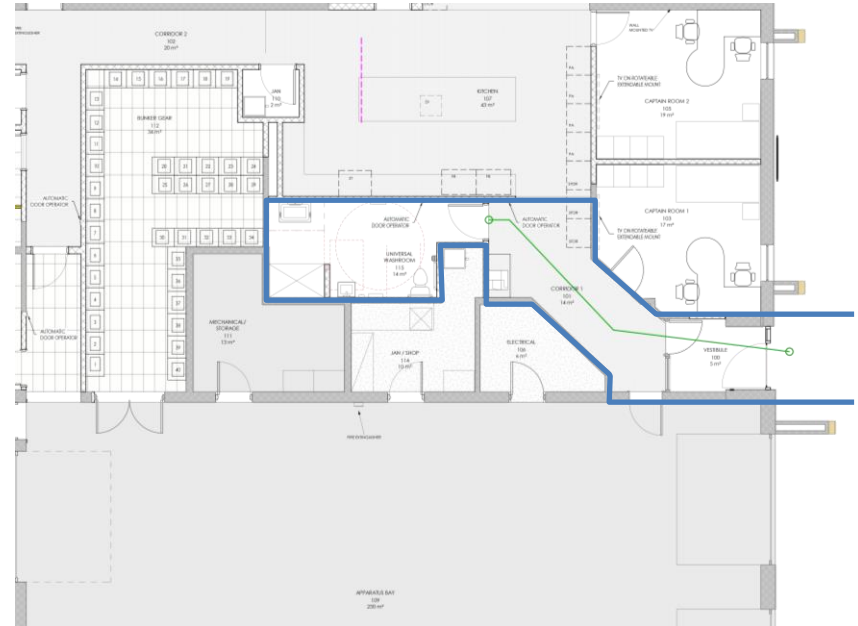
FS 114: Entrance and Universal Washroom

- Path of travel 9.36 m from entrance



FS 115: Entrance and Universal Washroom

- Path of travel 9.6 m from entrance





	PROPERTY BOUNDARY
	SETBACK
	CHAIN LINK FENCE
	STORM WATER SEWER
	SANITARY SEWER
	WATER MAIN
	HYDRO
	GAS MAIN
	CABLE
	BELL

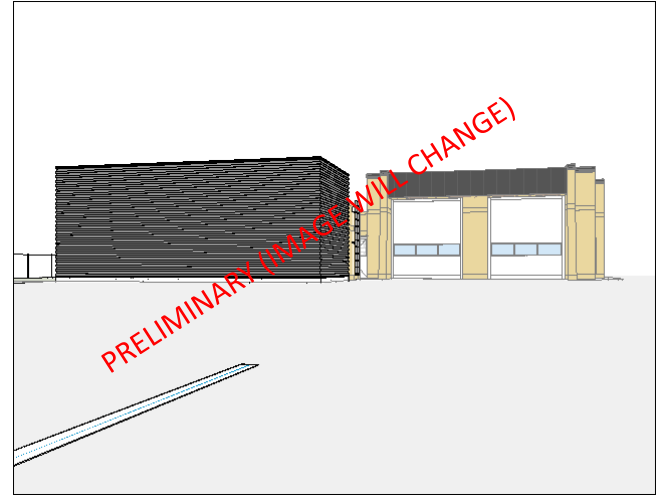


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- | | |
|--|-------------------|
| | PROPERTY BOUNDARY |
| | SETBACK |
| | CHAIN LINK FENCE |
| | STORM WATER SEWER |
| | SANITARY SEWER |
| | WATER MAIN |
| | HYDRO |
| | GAS MAIN |
| | CABLE |
| | BELL |

FS 114: Design Update



FS 114: Design Update



FS 115: Design Update



FS 115: Design Update



Fire Stations 114 and 115 Discussion

- Questions and comments

Thank you