



## MINIMUM ENVIRONMENTAL & ACCESSIBILITY REQUIREMENTS – REPAIRS AND RENEWALS

### A. ENVIRONMENTAL EFFICIENCY REQUIREMENTS

Applicants must demonstrate that their repaired or renewed projects will achieve a minimum 25% reduction in energy use and Greenhouse Gas (GHG) emissions relative to pre-repair or pre-renewal (“based case”) performance.

Note: CMHC will prioritize applications that exceed the minimum requirements. Applicants should ensure that they clearly state if their projects will exceed the minimum requirements and by how much (e.g.; “...will exceed pre-repair or pre-renewal base case by 40%”).

**Prior to Start of Repairs or Renewals**, applicants must demonstrate:

- Compliance with energy and GHG emission reduction requirements through the submission of an analysis of the energy consumption and GHG emission performance of the base case building and the analysis of the energy consumption and GHG emission performance of the repaired or renewed project.
- The energy and GHG emission reduction analysis has been undertaken by a qualified professional. For Part 3 construction, this includes professionals with energy modelling experience such as a Professional Engineer, Architect, Certified Engineering Technologist (CET) or Certified Energy Manager (CEM). For low-rise (Part 9) single, semis, row houses, duplexes, triplexes and small multi-unit residential buildings with less than four storeys, a Residential Energy Advisor accredited by Natural Resources Canada, or equivalent, may undertake the analysis.
- An appropriate energy simulation software has been used to conduct the analysis. CanQuest and EnergyPlus are examples of accepted energy modelling software used for multi-unit residential buildings (Part 3 of the NBC). For buildings under Part 9 of NBC (low-rise buildings, townhomes), HOT2000 is acceptable software. Other software used must be approved by CMHC prior to the submission of the energy and GHG emission reduction analysis.
- The physical and operational characteristics of the pre-repair or renewal base case building and those of the proposed project that illustrate how the 25% energy and GHG emission reduction will be achieved.

- The required documentation to demonstrate compliance includes:
  - A brief Executive Summary of the comparison of annual total energy consumption and GHG emission reduction performance between the base case and the proposed repaired or renewed project.
  - A summary of the energy modelling of the proposed repaired or renewed project that indicates annual energy consumption and GHG emissions for the total building and a breakdown of the estimates for each major energy end use (e.g. space conditioning, hot water, lighting, equipment, appliances, etc.).
  - An overview of the key physical and operational features of the base case and proposed building that illustrates the improvements to be made to building envelope, space conditioning, hot water, lighting and other systems, energy recovery and renewable energy systems to achieve compliance.
  - Input and output files for the energy consumption modelling for the base case and proposed project. The files must detail monthly energy consumption for the whole building and by major end use (space heating, hot water, lighting, equipment, systems, etc.).
  - Any supplemental calculations for energy contributions of renewable energy systems, other systems and conditions not included in the energy and GHG modelling.
  - GHG calculations, methodology and assumptions.

**Upon completion of the repair or renewal project:**

Identify any changes to the repair or renewal plan. If there are significant changes that would have an impact on the energy consumption and GHG emissions of the project, an updated analysis will be required to be submitted to CMHC to confirm energy consumption and GHG emission reduction performance of the repaired or renewed project.

## B. ACCESSIBILITY REQUIREMENTS

20% of dwelling units must meet accessibility standards (Table A) and common areas must be barrier-free (Table B)

**Note:**

1. CMHC will prioritize applications that exceed these minimum requirements. Applicants should ensure that they clearly state if their projects will exceed the minimum requirements and how.

**Prior to the Repairs or Renewal:**

- Indicate commitment to meeting the minimum requirement.
- Provide a narrative of the details of the proposed accessibility strategy within each unit and proposed barrier-free common areas.

**At Repair/Renewal Completion**

- Confirm the total number of accessible units provided and confirm that the accessibility features of the project comply with the application.
- Identify any changes that occurred to the repair or renewal project that would have impacted the accessibility plan and any impacts on the project eligibility (if applicable).

# TABLE A

## TECHNICAL CRITERIA FOR ACCESSIBLE DWELLING UNITS

**Note:** Table incorporates key requirements only - source should be referenced for further detail as required.

**Note:** Unless noted otherwise, all dimensions are in millimeters.

### INDEX

NHS = National Housing Strategy

BP = Better practice

CSA = CSA B651: Accessible design for the built environment

| ID  | Category             | Sub-Category            | Key Features  | Source        |
|-----|----------------------|-------------------------|---|---------------|
| A1  | Application Criteria | Number of Units         | 20% of units to comply with accessibility standards                                       | NHS           |
| A2  | Entrances and Doors  | Entrance Landings       | Min 1500 x 1500   | CSA 7.4.1.5.1 |
| A3  | Entrances and Doors  | Entrance Landings       | Illuminated to at least 50 lx   | CSA 7.4.1.5.1 |
| A4  | Entrances and Doors  | Entrance Doors          | No Step - Threshold no more than 13   | CSA 7.4.1.5.2 |
| A5  | Entrances and Doors  | Entrance Doors          | Clear opening width of at least 810   | CSA 7.4.1.5.2 |
| A6  | Entrances and Doors  | Entrance Doors          | Appropriate manoeuvring space either side   | CSA 7.4.1.5.2 |
| A7  | Entrances and Doors  | Entrance Doors          | Appropriate hardware  | CSA 7.4.1.5.2 |
| A8  | Entrances and Doors  | Signage                 | Identification and numbers appropriately located and configured                           | CSA 7.4.1.5.3 |
| A9  | Entrances and Doors  | Door Bells or Intercoms | Appropriately located and configured, including audible and visual signals                | CSA 7.4.1.5.3 |
| A10 | Entrances and Doors  | Door Viewers            | Where installed, provide second viewer 1000-1200 high                                     | CSA 7.4.1.5.5 |
| A11 | Interior Circulation | Corridors               | At least 920 wide   | CSA 7.4.2.1   |
| A12 | Interior Circulation | Corridors               | No steps or changes in level  | CSA 7.4.2.1   |
| A13 | Interior Circulation | Corridors               | Surface stable, firm, slip-resistant, nominal glare, not heavily patterned                | CSA 7.4.2.1   |
| A14 | Interior Circulation | Corridors               | If carpet, low, firm and level pile or loop, carpet + pad max 13, securely fastened       | CSA 7.4.2.1   |
| A15 | Interior Circulation | Doors and Doorways      | Threshold no more than 13 - level threshold preferred including at balcony or patio doors | CSA 7.4.2.2   |
| A16 | Interior Circulation | Doors and Doorways      | Clear opening width of at least 810   | CSA 7.4.2.2   |
| A17 | Interior Circulation | Doors and Doorways      | Clear opening width of at least 850   | BP            |

TABLE A (continued)

| ID  | Category             | Sub-Category             | Key Features  | Source      |
|-----|----------------------|--------------------------|---|-------------|
| A18 | Interior Circulation | Doors and Doorways       | Appropriate manoeuvring space either side   | CSA 7.4.2.2 |
| A19 | Interior Circulation | Doors and Doorways       | Appropriate hardware  | CSA 7.4.2.2 |
| A20 | Interior Circulation | Doors and Doorways       | Doors to swing out (or be pocket doors) at bathroom/washroom, roll-in closets and general storage | CSA 7.4.2.2 |
| A21 | Interior Circulation | Floor and wall Surfaces  | No steps or changes in level  | CSA 7.4.2.3 |
| A22 | Interior Circulation | Floor and wall Surfaces  | Surface stable, firm, slip-resistant, nominal glare, not heavily patterned                        | CSA 7.4.2.3 |
| A23 | Interior Circulation | Floor and Wall Surfaces  | If carpet, low, firm and level pile or loop, carpet + pad max 13, securely fastened               | CSA 7.4.2.3 |
| A24 | Bathrooms            | Floor Area               | Provide 1500 diameter clear turn space or T-turn  | BP          |
| A25 | Bathrooms            | Lavatory                 | Clear floor space of at least 800 x 1350 (up to 480 may be under counter)                         | CSA 7.4.3.1 |
| A26 | Bathrooms            | Lavatory                 | Centreline min 460 from side wall   | CSA 7.4.3.1 |
| A27 | Bathrooms            | Lavatory                 | Top 810-860 above the floor   | CSA 7.4.3.1 |
| A28 | Bathrooms            | Lavatory                 | Appropriate knee and toe space provided   | CSA 7.4.3.1 |
| A29 | Bathrooms            | Lavatory                 | Offset hot water pipes and drain (insulate if adjacent to knee and/or toe space)                  | CSA 7.4.3.1 |
| A30 | Bathrooms            | Lavatory                 | Counter with front apron to have 750 wide x 720 high knee clearance                               | CSA 7.4.3.1 |
| A31 | Bathrooms            | Lavatory                 | Appropriate faucet  | CSA 7.4.3.1 |
| A32 | Bathrooms            | Lavatory                 | Water temperature supply no more than 49 degrees Celsius  | CSA 7.4.3.1 |
| A33 | Bathrooms            | Medicine Cabinets        | Adjacent to 750 x 1200 clear floor space with horizontal reach max 500                            | CSA 7.4.3.2 |
| A34 | Bathrooms            | Medicine Cabinets        | Bottom shelf max 1000 high  | CSA 7.4.3.2 |
| A35 | Bathrooms            | Medicine Cabinets        | Appropriate door hardware   | CSA 7.4.3.2 |
| A36 | Bathrooms            | Medicine Cabinets        | Illuminated to at least 200 lx  | CSA 7.4.3.2 |
| A37 | Bathrooms            | Storage                  | A shelf shall be provided, located max 1100   | CSA 7.4.3.3 |
| A38 | Bathrooms            | Towel Bars               | Max 1100 high   | CSA 7.4.3.4 |
| A39 | Bathrooms            | Mirrors                  | Bottom edge no higher than 1000   | CSA 7.4.3.5 |
| A40 | Bathrooms            | Toilets                  | Seat not spring activated, height 430-485, back support where no seat lid or tank                 | CSA 7.4.3.6 |
| A41 | Bathrooms            | Toilets                  | Centre line of toilet fixture 460-480 from an adjacent wall                                       | CSA 7.4.3.6 |
| A42 | Bathrooms            | Toilets                  | Clear transfer space of at least 900 wide x 1500 long on open side of toilet                      | CSA 7.4.3.6 |
| A43 | Bathrooms            | Toilets                  | Automatic flush controls or appropriately configured hand-operated device                         | CSA 7.4.3.6 |
| A44 | Bathrooms            | Toilet - Struct. Support | Provide appropriate structural support for grab bars in walls around toilet                       | CSA 7.4.3.7 |

TABLE A (continued)

| ID  | Category  | Sub-Category              | Key Features   | Source       |
|-----|-----------|---------------------------|--|--------------|
| A45 | Bathrooms | Toilet Paper Dispenser    | Provide dispenser within 300 from front of toilet and 600-800 high                     | CSA 7.4.3.8  |
| A46 | Bathrooms | Bathtub                   | At least 1500 long   | CSA 7.4.3.9  |
| A47 | Bathrooms | Bathtub                   | Clear floor area at least 750 wide along full length of open side of the tub (no door) | CSA 7.4.3.9  |
| A48 | Bathrooms | Bathtub                   | Appropriate faucets and other controls   | CSA 7.4.3.9  |
| A49 | Bathrooms | Bathtub                   | Appropriate hand-held showerhead   | CSA 7.4.3.9  |
| A50 | Bathrooms | Bathtub                   | Water temperature supply no more than 49 degrees Celsius                               | CSA 7.4.3.9  |
| A51 | Bathrooms | Bathtub - Struct. Support | Provide appropriate structural support to ceiling and in the surrounding 3 walls       | CSA 7.4.3.9  |
| A52 | Bathrooms | Shower Stall              | Water temperature supply no more than 49 degrees Celsius                               | CSA 7.4.3.10 |
| A53 | Bathrooms | Shower Stall              | Appropriate hand-held showerhead   | CSA 7.4.3.10 |
| A54 | Bathrooms | Shower Stall              | Doors or curtains do not obstruct access to controls or the transfer space             | CSA 7.4.3.10 |
| A55 | Bathrooms | Shower Stall              | Floors sloped minimally to provide positive drainage and slip-resistant when wet       | CSA 7.4.3.10 |
| A56 | Bathrooms | Shower Stall              | Interior clear area at least 900 x 1500  | CSA 7.4.3.10 |
| A57 | Bathrooms | Shower Stall              | Clear floor area in front of the shower entrance of at least 900 x 1500                | CSA 7.4.3.10 |
| A58 | Bathrooms | Shower Stall              | Appropriate faucets and other controls   | CSA 7.4.3.10 |
| A59 | Bathrooms | Shower Stall              | Appropriate threshold - no more than 13  | CSA 7.4.3.10 |
| A60 | Bathrooms | Shower – Struct. Support  | Provide appropriate structural support to ceiling and in the surrounding walls         | CSA 7.4.3.10 |
| A61 | Kitchens  | Floor Area                | Clear floor area of at least 750 x 1200 in front of fixtures                           | CSA 7.4.4.1  |
| A62 | Kitchens  | Floor Area                | Clear floor area of at least 750 x 1200 at one side of open doors and drawers          | CSA 7.4.4.1  |
| A63 | Kitchens  | Counters                  | At least one counter: 760 wide x 600 deep area, 730-860 high, with knee clearance      | CSA 7.4.4.2  |
| A64 | Kitchens  | Counters                  | Accessible counter has electrical outlet at side or front                              | CSA 7.4.4.2  |
| A65 | Kitchens  | Base Cabinets             | Toe space at least 150 deep x 230 high   | CSA 7.4.4.3  |
| A66 | Kitchens  | Sinks                     | Clear floor space of at least 800 x 1350 (up to 480 may be under counter)              | CSA 7.4.4.4  |
| A67 | Kitchens  | Sinks                     | At least 460 from side wall  | CSA 7.4.4.4  |
| A68 | Kitchens  | Sinks                     | Rim 810 - 860 high   | CSA 7.4.4.4  |
| A69 | Kitchens  | Sinks                     | Appropriate knee and toe space below   | CSA 7.4.4.4  |
| A70 | Kitchens  | Sinks                     | Appropriate faucets  | CSA 7.4.4.4  |
| A71 | Kitchens  | Sinks                     | Offset hot water pipes and drain (insulate if adjacent to knee and/or toe space)       | CSA 7.4.4.4  |
| A72 | Kitchens  | Illumination              | At least 300 lx at countertops   | CSA 7.4.4.5  |
| A73 | Kitchens  | Illumination              | At least 100 lx at switches and controls (200 lx where reading required)               | CSA 7.4.4.5  |

TABLE A (continued)

| ID  | Category    | Sub-Category                | Key Features  | Source      |
|-----|-------------|-----------------------------|---|-------------|
| A74 | Kitchens    | Cooktops                    | 810 - 860 high  | CSA 7.4.4.6 |
| A75 | Kitchens    | Cooktops                    | Adjacent work surface at least 400 wide, at same height as cooktop                | CSA 7.4.4.6 |
| A76 | Kitchens    | Cooktops                    | Appropriate knee-clearance below (including insulation as needed)                 | CSA 7.4.4.6 |
| A77 | Kitchens    | Cooktops                    | Clear floor space of at least 800 x 1350 (up to 480 may be under cooktop)         | CSA 7.4.4.6 |
| A78 | Kitchens    | Ovens                       | Appropriate controls, mounted on front panel, no more than 1200 high              | CSA 7.4.4.7 |
| A79 | Kitchens    | Ovens                       | At side opening oven, provide heat resistant shelf beside oven door or under oven | CSA 7.4.4.7 |
| A80 | Kitchens    | Refrigerator                | Self-defrosting freezer with freezer shelf space no more than 1100 high           | CSA 7.4.4.8 |
| A81 | Kitchens    | Kitchen Storage             | At least one shelf in cupboards no more than 1100 high                            | CSA 7.4.4.9 |
| A82 | Kitchens    | Kitchen Storage             | D-type door pulls within 400 - 1200 reach range                                   | CSA 7.4.4.9 |
| A83 | Bedrooms    | Floor Area                  | Clear floor area of at least 750 x 1200 mm on at least two sides of the bed       | CSA 7.4.5   |
| A84 | Bedrooms    | Floor Area                  | Provide 1500 diam clear turn space or T-turn in bedroom                           | BP          |
| A85 | Other Rooms | Floor Area                  | Provide 1500 diameter turn space or T-turn  | BP          |
| A86 | Other Rooms | Laundry                     | Provide front-loading appliances with accessible operating controls               | CSA 7.4.6.6 |
| A87 | Other Rooms | Laundry                     | Clear floor area of at least 750 x 1200 at one side of open appliance doors       | CSA 7.4.6.6 |
| A88 | Other Rooms | Laundry                     | Where provided, laundry tub should allow a side-approach in a wheelchair          | CSA 7.4.6.6 |
| A89 | General     | Emergency + Security Alarms | Provide both audible and visual signals   | CSA 7.4.6.1 |
| A90 | General     | Windows                     | Where intended for views, sill max 750 above floor                                | CSA 7.4.6.2 |
| A91 | General     | Windows                     | Accessible opening and locking mechanisms   | CSA 7.4.6.2 |
| A92 | General     | Operating Controls          | Clear floor space in front at least 1350 x 800, centred                           | CSA 7.4.6.3 |
| A93 | General     | Operating Controls          | Located 400 -1200 high  | CSA 7.4.6.3 |
| A94 | General     | Operating Controls          | Operable using one closed fist, with max 22N force                                | CSA 7.4.6.3 |
| A95 | General     | Operating Controls          | Provide tactile and/or auditory info indicating function and position of control  | CSA 7.4.6.3 |
| A96 | General     | Operating Controls          | Colour contrast with mounting surface   | CSA 7.4.6.3 |
| A97 | General     | Operating Controls          | Illuminated to at least 100 lx, 200 lx where reading is required                  | CSA 7.4.6.3 |
| A98 | General     | Operating Controls          | Where control has visual display, info should be supplemented with tactile/audio  | CSA 7.4.6.3 |
| A99 | General     | Clothes Closets             | Clear floor area in front of at least 750 x 1200                                  | CSA 7.4.6.4 |

TABLE A (continued)

| ID   | Category | Sub-Category          | Key Features  | Source      |
|------|----------|-----------------------|---|-------------|
| A100 | General  | Clothes Closets       | Clothes rail 1200 - 1400  | CSA 7.4.6.4 |
| A101 | General  | Clothes Closets       | Where shelves are provided, 3 shelves within 400 -1200 reach range        | CSA 7.4.6.4 |
| A102 | General  | General Storage       | Outward-swinging or pocket door   | CSA 7.4.6.5 |
| A103 | General  | General Storage       | Electrical outlet in inside, close to door                                | CSA 7.4.6.5 |
| A104 | General  | General Storage       | Capable of being illuminated to at least 50 lx                            | CSA 7.4.6.5 |
| A105 | General  | Outdoor Living Spaces | Located adjacent to an accessible route                                   | CSA 7.4.7   |
| A106 | General  | Outdoor Living Spaces | At least 1500 x 1500 in area with accessible surface                      | CSA 7.4.7   |
| A107 | General  | Outdoor Living Spaces | Appropriate manoeuvring space at appropriately configured accessible door | CSA 7.4.7   |
| A108 | General  | Outdoor Living Spaces | Capable of being illuminated to at least 50 lx                            | CSA 7.4.7   |
| A109 | General  | Outdoor Living Spaces | No step, level threshold through doors                                    | CSA 7.4.7   |

## TABLE B

### TECHNICAL CRITERIA FOR BARRIER-FREE COMMON AREAS

**Note:** Table incorporates key requirements only - source should be referenced for further detail as required.

**Note:** Unless noted otherwise, all dimensions are in millimeters.

#### INDEX

NHS = National Housing Strategy

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| ID | Category    | Sub-Category            | Key Features  | Source      |
|----|-------------|-------------------------|---|-------------|
| B1 | Circulation | Parking                 | Where provided, Interior, exterior or covered parking: <ul style="list-style-type: none"> <li>• Pedestrian routes to comply with CSA 9.2</li> <li>• Signage to comply with CSA 9.4</li> <li>• Designated parking spaces to comply with CSA 9.5</li> </ul> | CSA 7.4.1.1 |
| B2 | Circulation | Passenger Pick-up Areas | Where provided, passenger pick-up areas to comply with CSA 9.3  | CSA 7.4.1.2 |
| B3 | Circulation | Exterior Routes         | Minor changes in level: 0-6 may be vertical, 7-13 to be bevelled  | CSA 7.4.1.3 |
| B4 | Circulation | Exterior Routes         | Clear width of at least 1200  | CSA 7.4.1.3 |
| B5 | Circulation | Exterior Routes         | Stable, firm and slip resistant surfaces  | CSA 7.4.1.3 |
| B6 | Circulation | Exterior Routes         | Level, or sloped no steeper than the ratio of 1:20 (5%)   | CSA 7.4.1.3 |
| B7 | Circulation | Exterior Routes         | Cross-slope no steeper than the ration of 1:50 (2%)   | CSA 7.4.1.3 |



TABLE B (continued)

| ID  | Category            | Sub-Category            | Key Features   | Source        |
|-----|---------------------|-------------------------|--|---------------|
| B8  | Circulation         | Exterior Routes         | Edge protection provided at grade changes and other potential hazards  | CSA 7.4.1.3   |
| B9  | Circulation         | Ramps                   | Slopes steeper than the ratio of 1:20 (5%) to be designed as ramps   | CSA 7.4.1.4.1 |
| B10 | Circulation         | Ramps                   | No steeper than the ratio of 1:12 (8.3%)   | CSA 7.4.1.4.1 |
| B11 | Circulation         | Ramps                   | Cross slope no steeper than the ratio of 1:50 (2%)   | CSA 7.4.1.4.1 |
| B12 | Circulation         | Ramps                   | Landings no more than 9000 apart   | CSA 7.4.1.4.1 |
| B13 | Circulation         | Ramps                   | At least 920 wide  | CSA 7.4.1.4.1 |
| B14 | Circulation         | Ramps                   | Landings at top, bottom and changes in direction. Min 1500 long x at least ramp width. Min 1500 x 1500 at doors.       | CSA 7.4.1.4.1 |
| B15 | Circulation         | Ramps                   | Appropriate handrails  | CSA 7.4.1.4.1 |
| B16 | Circulation         | Ramps                   | Appropriate edge protection  | CSA 7.4.1.4.1 |
| B17 | Circulation         | Ramps                   | Appropriate surfaces, including colour-contrast band at slope transitions  | CSA 7.4.1.4.1 |
| B18 | Circulation         | Stairs                  | Risers no more than 180 and treads no less than 280 deep   | CSA 7.4.1.4.2 |
| B19 | Circulation         | Stairs                  | Slip resistant   | CSA 7.4.1.4.2 |
| B20 | Circulation         | Stairs                  | No open risers   | CSA 7.4.1.4.2 |
| B21 | Circulation         | Stairs                  | Illuminated to at least 50 lx  | CSA 7.4.1.4.2 |
| B22 | Circulation         | Stairs                  | Colour-contrast band on nosings  | CSA 7.4.1.4.2 |
| B23 | Circulation         | Stairs                  | Tactile attention indicators at top of stairs  | CSA 7.4.1.4.2 |
| B24 | Circulation         | Stairs                  | Appropriate handrails  | CSA 7.4.1.4.2 |
| B25 | Circulation         | Stairs                  | Appropriate edge protection  | CSA 7.4.1.4.2 |
| B26 | Circulation         | Elevating Devices       | Comply with: Appendix E of ASME A17.1/CSA-B44 for elevators and service lifts, or CAN/CSA-B335 for an elevating device | CSA 7.4.1.4.3 |
| B27 | Entrances and Doors | Entrance Landings       | Min 1500 x 1500  | CSA 7.4.1.5.1 |
| B28 | Entrances and Doors | Entrance Landings       | Illuminated to at least 50 lx  | CSA 7.4.1.5.1 |
| B29 | Entrances and Doors | Entrance Doors          | No Step - Threshold no more than 13  | CSA 7.4.1.5.2 |
| B30 | Entrances and Doors | Entrance Doors          | Clear opening width of at least 810  | CSA 7.4.1.5.2 |
| B31 | Entrances and Doors | Entrance Doors          | Appropriate manoeuvring space either side  | CSA 7.4.1.5.2 |
| B32 | Entrances and Doors | Entrance Doors          | Appropriate hardware and motorized automatic front entry doors   | CSA 7.4.1.5.2 |
| B33 | Entrances and Doors | Signage                 | Identification and numbers appropriately located and configured  | CSA 7.4.1.5.3 |
| B34 | Entrances and Doors | Door Bells or Intercoms | Appropriately located and configured, including audible and visual signals   | CSA 7.4.1.5.3 |
| B35 | Entrances and Doors | Door Viewers            | Where installed, provide second viewer 1000-1200 high  | CSA 7.4.1.5.5 |



TABLE B (continued)

| ID  | Category             | Sub-Category               | Key Features  | Source      |
|-----|----------------------|----------------------------|---|-------------|
| B36 | Interior Circulation | Corridors                  | At least 920 wide   | CSA 7.4.2.1 |
| B37 | Interior Circulation | Corridors                  | No steps or changes in level  | CSA 7.4.2.1 |
| B38 | Interior Circulation | Corridors                  | Surface stable, firm, slip-resistant, nominal glare, not heavily patterned          | CSA 7.4.2.1 |
| B39 | Interior Circulation | Corridors                  | If carpet, low, firm and level pile or loop, carpet + pad max 13, securely fastened | CSA 7.4.2.1 |
| B40 | Interior Circulation | Doors and Doorways         | Threshold no more than 13 - level threshold preferred                               | CSA 7.4.2.2 |
| B41 | Interior Circulation | Doors and Doorways         | Clear opening width of at least 810   | CSA 7.4.2.2 |
| B42 | Interior Circulation | Doors and Doorways         | Appropriate manoeuvring space either side   | CSA 7.4.2.2 |
| B43 | Interior Circulation | Doors and Doorways         | Appropriate hardware  | CSA 7.4.2.2 |
| B44 | Interior Circulation | Doors and Doorways         | Doors to swing out at bathroom/washroom, roll-in closets and general storage        | CSA 7.4.2.2 |
| B45 | Interior Circulation | Floor and Wall Surfaces    | No steps or changes in level  | CSA 7.4.2.3 |
| B46 | Interior Circulation | Floor and Wall Surfaces    | Surface stable, firm, slip-resistant, nominal glare, not heavily patterned          | CSA 7.4.2.3 |
| B47 | Interior Circulation | Floor and Wall Surfaces    | If carpet, low, firm and level pile or loop, carpet + pad max 13, securely fastened | CSA 7.4.2.3 |
| B48 | Washrooms            | Public Washrooms           | Multi-stalled public washrooms to comply with CSA 6.2                               | CSA 6.2     |
| B49 | Washrooms            | Public Washrooms           | Universal public washrooms to comply with CSA 6.3                                   | CSA 6.3     |
| B50 | Washrooms            | Public Washrooms           | Public bathing facilities to comply with CSA 6.5                                    | CSA 6.5     |
| B51 | General              | Emergency/ Security Alarms | Provide both audible and visual signals   | CSA 7.4.6.1 |
| B52 | General              | Operating Controls         | Clear floor space in front at least 1350 x 800, centred                             | CSA 7.4.6.3 |
| B53 | General              | Operating Controls         | Located 400 -1200 high  | CSA 7.4.6.3 |
| B54 | General              | Operating Controls         | Operable using one closed fist, with max 22N force                                  | CSA 7.4.6.3 |
| B55 | General              | Operating Controls         | Provide tactile and/or auditory info indicating function and position of control    | CSA 7.4.6.3 |
| B56 | General              | Operating Controls         | Colour contrast with mounding surface   | CSA 7.4.6.3 |
| B57 | General              | Operating Controls         | Illuminated to at least 100 lx, 200 lx where reading is required                    | CSA 7.4.6.3 |
| B58 | General              | Operating Controls         | Where control has visual display, info should be supplemented with tactile/audio    | CSA 7.4.6.3 |
| B59 | General              | Outdoor Living Spaces      | Located adjacent to an accessible route   | CSA 7.4.7   |

TABLE B (continued)

| ID  | Category | Sub-Category          | Key Features   | Source    |
|-----|----------|-----------------------|--|-----------|
| B60 | General  | Outdoor Living Spaces | At least 1500 x 1500 in area with accessible surface   | CSA 7.4.7 |
| B61 | General  | Outdoor Living Spaces | Appropriate manoeuvring space at appropriately-configures accessible door  | CSA 7.4.7 |
| B62 | General  | Outdoor Living Spaces | Capable of being illuminated to at least 50 lx   | CSA 7.4.7 |
| B63 | General  | Outdoor Living Spaces | No step, level threshold through doors   | CSA 7.4.7 |
| B64 | General  | Public Amenities      | Where amenity spaces are provided for the use or resident and their visitors (such as community rooms, hobby rooms, etc.), they shall be accessible to persons with disabilities | BP        |

