

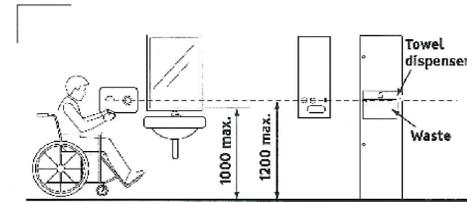
**Figure 36**  
Lavatory clearances  
(See Clauses 4.3.3.1, 4.3.3.2, and 7.3.8.4.)

(Continued)

**4.3.4.3 Soap dispensers**

Where a soap dispenser is provided at the accessible lavatory, it shall be

- (a) located within a 500 mm reach of a person seated at the lavatory;
- (b) no higher than 1100 mm; and
- (c) operable with one hand to dispense soap on the palm of that hand.



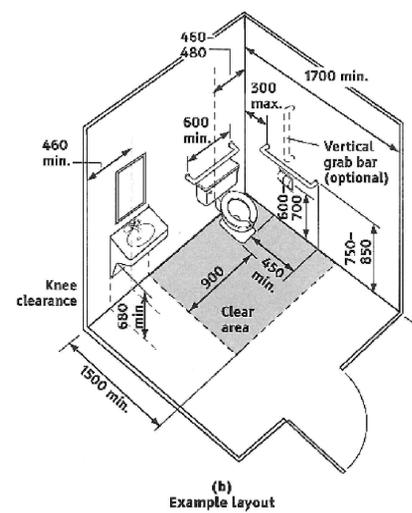
**Figure 38**  
Washroom accessory heights  
(See Clause 4.3.4.2.)

**4.3.5 Grab bars**

**4.3.5.1 Size and spacing**

Grab bars shall

- (a) be slip-resistant;
- (b) have a diameter of 30 to 40 mm;
- (c) have a space of 35 to 45 mm between the wall and the grab bar where mounted adjacent to a wall; and
- (d) not rotate within their fittings.



**Figure 42 (Concluded)**

LAG SCREWS	
LAG SCREW NOMINAL DIAMETER	6mm, 10mm, 12mm, 16mm, 20mm
C.B. dia.	6mm, 10mm, 12mm, 16mm, 20mm
L.H. dia.	5mm, 6mm, 8mm, 10mm, 12mm, 14mm, 16mm, 18mm, 20mm
D.Fr	5mm, 6mm, 8mm, 10mm, 12mm, 14mm, 16mm, 18mm, 20mm
ALL OTHER SPECIES	3mm, 6mm, 8mm, 10mm, 12mm, 14mm, 16mm, 18mm, 20mm

**GENERAL NOTES:**

1. DO NOT SCALE DRAWINGS. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK IN THE FIELD.
2. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DEVIATIONS FROM CONDITIONS SHOWN ON THE DRAWING TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO CONTINUATION WITH THE WORK.
3. ALL WORK DESCRIBED UNDER THIS CONTRACT TO COMPLY WITH THE NATIONAL BUILDING CODE (NBC) 2010 AND ALL OTHER CODES AND BY-LAWS IN EFFECT.
4. SHOP DRAWING REVIEW: SHOP DRAWINGS ARE REVIEWED FOR CONFORMANCE WITH GENERAL DESIGN CONCEPT. THIS REVIEW DOES NOT IMPLY APPROVAL OF DETAILED DESIGN OR QUANTITIES DESCRIBED IN THE SHOP DRAWINGS. THE RESPONSIBILITY FOR THE QUANTITIES AND DETAIL DESIGN OF THE MATERIALS AND COMPONENTS AS REQUIRED TO PROVIDE THE COMPLETE AND SATISFACTORY JOB DESCRIBED IN THE DESIGN DOCUMENTS REMAINS WITH THE CONTRACTOR.
5. SHOP DRAWINGS REQUIRED FOR REVIEW:
  - c) CURTAIN WALL
  - d) MECHANICAL SYSTEM
  - e) ELECTRICAL SUPPLY
  - f) CUSTOM METAL FABRICATION
  - g) WASHROOM COUNTERS
6. DEMOLITION: CONTRACTOR TO REVIEW ALL FIELD CONDITIONS AFFECTING WORK. PROVIDE ALL TEMPORARY CLOSURES, SIGNS, GUARDS, ETC. DEEMED NECESSARY TO CARRY OUT THE WORK. WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NBC 2010 AND THE ONTARIO OCCUPATIONAL HEALTH AND SAFETY REGULATIONS FOR CONSTRUCTION PROJECTS.
7. FOUNDATION HAS BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 100kPa. CONFIRMATION OF SOIL BEARING CAPACITY, COMPACTION IS THE CONTRACTOR'S RESPONSIBILITY.
8. GRANULAR FILL: GRANULAR 'A' COMPACTED TO 95% SPD.
9. CONCRETE STRENGTH @ 28days:
  - FOOTINGS f<sub>c</sub> = 25MPa
  - S.O.G. f<sub>c</sub> = 20MPa
10. REINFORCING STEEL:
  - G30.18-M92 - GRADE 400W
11. STRUCTURAL STEEL:
  - ROLLED SECTIONS G40.21M - 350MPa
  - PLATES G40.21M - 350MPa
  - ANCHOR BOLTS G40.21M - 350MPa
- WELDING: TO W59 STANDARDS BY QUALIFIED COMPANIES UNDER W47.1 AND QUALIFIED WELDERS ONLY.
- PAINTING: ONE SHOP PRIMER TO GP-40. TOUCH UP ALL WELDS BOLTS AND DAMAGED AREAS.
12. WOOD:
  - TIMBER - D.Fir-L SELECT (ROUGH)
  - LIGHT FRAMING - SPF NO.2 OR BETTER
  - SHEATHING - CS
  - L.V. - ZQE
- USE PRESSURE TREATED (P.T) WHERE NOTED ON THE DRAWINGS.
- CUTTING: ALL CUTTING MUST BE COMPLETED WITH CIRCULAR SAW UNLESS APPROVED BY DEPARTMENTAL REPRESENTATIVE. (NO CHAINSAW CUTTING PERMITTED)
- NAILS: ALL NAILS TO BE COMMON WIRE NAILS TO CSA B111.1. IF POWER NAILERS (P-MAIL) TO BE USED FOR ATTACHING ROOF OR WALL SHEATHING, P-NAILS TO BE THE DIAMETER AND LENGTH AS SPECIFIED ON THE DRAWINGS. POWER NAILERS ARE TO BE ADJUSTED SO NAIL HEADS ARE FLUSH WITH FACE OF SHEATHING. NAILS WITH HEADS COUNTERSUNK MORE THAN 15% THE THICKNESS OF THE SHEATHING WILL NOT BE ACCEPTED. NAILS GREATER THAN 1/2" Ø REQUIRE HOLES TO BE PREDRILLED AT 75% OF NAIL DIAMETER (TYP.)
- LAG SCREWS: ALL LAG SCREWS TO CSA B111.1 (GALVANIZED)
13. CURTAIN WALL: VERSA WALL 2500 BY ALUMICOR LTD OR APPROVED EQUIVALENT INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS INCLUDING ALL SEALANTS, INSULATION, GLAZING, FASTENERS, ETC
14. NON-SHRINK GROUT: SIKAGROUT 212 BY SIKA CHEMICALS OR APPROVED EQUIVALENT.
15. EPOXY: EPOXY A7 BY RAMSET/REDHEAD OR HIT-HY 150 BY HILTI OR APPROVED EQUIVALENT

**LIST OF ABBREVIATIONS**

- B/S - BOTH SIDES
- N/S - NEAR SIDE
- F/S - FAR SIDE
- U/S - UNDER SIDE
- B/O - BOTTOM OF
- T/O - TOP OF
- I/F - INSIDE FACE
- O/F - OUTSIDE FACE
- C/W - COMPLETE WITH
- N/S - NOT TO SCALE
- MIN - MINIMUM
- TYP - TYPICAL
- THR. ROD - THREADED ROD
- DP - DEEP
- PL - PLATE
- CL - CENTRE LINE
- ± - PLUS OR MINUS (APPROXIMATE)
- ∅ - DIAMETER
- N&W - NUT AND WASHER
- c/c - CENTRE TO CENTRE
- OC - ON CENTRE
- Lg. - LONG (LENGTH)
- CWN - COMMON WIRE NAIL
- CSN - COMMON SPIRAL NAIL
- CS - COMMON SPIKE

**SCOPE OF WORK**

1. INSTALL ALL NECESSARY SCAFFOLDING, DUST ENCLOSURE, BARRIERS, SIGNS, AND PROTECTION AS REQUIRED TO CARRY OUT THE WORK.
2. REMOVE THE EXISTING WALLS, CEILING, WOOD FLOORING ETC.
3. PROVIDE TEMPORARY SUPPORT WHERE REQUIRED AND/OR WHEN DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE.
4. INSTALL NEW ROUGH PLUMBING, REMOVE AND REPLACE PORTION OF CONCRETE SLAB ON GRADE AS REQUIRED.
5. CONSTRUCT NEW WALLS AND CEILING ETC.
6. COMPLETE ALL ELECTRICAL ROUGH-IN.
7. COMPLETE ALL FINISHES SLATE TILE, TRIM, DRYWALL, INSTALLATION OF PLUMBING / ELECTRICAL FIXTURES
8. PAINTING: 1 PRIMER COAT + 2 FINISH COATS
9. UPON COMPLETION OF WORK, CLEAN UP ENTIRE AREA TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE. REMOVE ALL MATERIAL FROM SITE AND DEPOSIT AT REGISTERED DUMP SITE ONLY.

13.01.14	ISSUED FOR TENDER
06.01.14	ISSUED FOR 90% REVIEW
18.12.13	ISSUED FOR REVIEW

no.	date	description
revisions		

Client Acceptance / Acceptation du client  
Signature \_\_\_\_\_ Date \_\_\_\_\_  
File No. / No. de dossier \_\_\_\_\_

Parcs Canada Parks Canada

ONTARIO WATERWAYS FIELD UNIT - RIDEAU CANAL NHS

**Canada**

Type of Record / Type d'enregistrement  
TYPE

Project title / Titre du projet  
RIDEAU CANAL NHS  
OTTAWA LOCK CONTROL  
BUILDING RENOVATION

Drawing title / Titre du dessin  
**GENERAL NOTES**

Scale / Echelle  
SCALE

Drawn by / Dessiné par \_\_\_\_\_ Date \_\_\_\_\_  
W.J.L. 28.11.13

Field Recording by / Relevé-terminé par \_\_\_\_\_ Date \_\_\_\_\_

Approved by / Approuvé par \_\_\_\_\_ Date \_\_\_\_\_

Checked by / Vérifié par \_\_\_\_\_

Project No. / No. du projet	Asset No.	Sheet No. / Feuille No.
	00102	A1