

July 2008

06-BCE-001
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ERRATA PACKAGE #1

DISCUSSION

The Alberta Building Code 2006 was adopted on September 2nd, 2007 by provincial regulation. Since that time, Code users and safety codes officers have identified several typographical and technical errors in the document that need to be revised. This STANDATA details the changes identified as of the issuance date above.

The errata have been approved by the Building Technical Council of the Safety Codes Council. The tables on the following pages identify the errata that apply to the Alberta Building Code 2006. Code users are instructed to make note of these changes in their Code books.

Some of the Figures and Tables are contained in the Appendices to this STANDATA for easy reference.

The errata have been organized according to the Division they are in: Division A, B or C.

Unless stated otherwise, all Code references in this STANDATA are to Division B of the Alberta Building Code 2006.



Issue of this STANDATA is authorized by
the Chief Building Administrator

[Original Signed]
Ata R. Khan, MRAIC



SAFETY CODES COUNCIL

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DIVISION A ERRATA

Provision	Current Requirement	Revised Requirement	Justification
01.03.02.01.	Application of Parts 1, 2 and 3	Application of Parts 1, 2, <u>3 and 4</u>	Editorial correction due to Alberta format.
01.03.02.01.(01)	1) Parts 1, 2 and 3 of Division A apply to all buildings covered in this Code. (See Article 1.1.1.1.)	1) Parts 1, 2, <u>3 and 4</u> of Division A apply to all buildings covered in this Code. (See Article 1.1.1.1.)	Editorial correction due to Alberta format.
Table 04.02.01.01.	3.8.1.2. Entrances (1) [F73–OA1] (2) [F73–OA1] (5) [F73–OA1] (6) [F73–OA1]	3.8.1.2. Entrances (1) [F73–OA1] (2) [F73–OA1] (5) [F73–OA1] (6) [F73–OA1]	NRC approved errata.
Table 04.02.05.01.	7.1.5.1. Insect Screens (1) [F42–OH2.5]	<u>7.1.5.2. Insect Screens</u> (1) [F42–OH2.5]	Editorial revision due to addition of Article 7.1.5.1. of Division B on window requirements
A-01.01.01.03.(01)	Part 10 provides some guidance on the acceptance of temporary structures used for offices. “Temporary” is usually thought of as being under three years.	Part 10 provides some guidance on the acceptance of temporary structures used for offices. “Temporary” is usually thought of as being under three years.	Irrelevant sentence. Part 10 does not contain guidance or requirements for office structures. Editorial correction.

DIVISION B ERRATA

Provision	Current Requirement	Revised Requirement	Justification
03.01.04.06.(12)	12) Roof arches supported on the top of walls or abutments, roof trusses, roof beams and roof girders in heavy timber construction <u>are permitted to be</u> not less	12) Roof arches supported on the top of walls or abutments, roof trusses, roof beams and roof girders in heavy timber construction <u>shall be</u> not less than 64 mm	Current requirement is contradictory and not consistent with requirement from ABC 1997.

	than 64 mm wide provided	wide provided	Editorial correction.
03.02.01.08.(01)	<p>1) A <i>building of combustible construction</i> that contains a <i>residential occupancy</i> shall have no occupied floor level more than 9 m above the lowest <i>exit <u>level.</u></i></p>	<p>1) A <i>building of combustible construction</i> that contains a <i>residential occupancy</i> shall have no occupied floor level more than 9 m above the lowest <i>exit <u>level.</u></i></p>	<p>“Exit level” should be a defined term. Editorial correction.</p>
03.08.03.08.(02)	<p>2) A grab bar required by Sentence (1) shall</p> <ul style="list-style-type: none"> a) be mounted <ul style="list-style-type: none"> i) horizontally on the wall beside the water closet, and be not less than 1 200 mm in length, located with its centreline between 300 mm and 330 mm above the height of the water closet seat and with its midpoint located in line with the front edge of the water closet, ii) on the wall beside the water closet and have a horizontal portion 600 mm in length with a 600 mm extension extending upwards to the front and away from the horizontal portion at an angle of 60° to the horizontal with the centreline of the horizontal portion between 300 mm and 330 mm above the height of the water closet seat and the intersection of the horizontal and sloping portions located in line with the front edge of the water closet, or <u>iii) horizontally on the wall behind the water closet, if the water closet does not have an attached water tank, centred</u> 	<p>2) A grab bar required by Sentence (1) shall</p> <ul style="list-style-type: none"> a) be mounted <ul style="list-style-type: none"> i) horizontally on the wall beside the water closet, and be not less than 1 200 mm in length, located with its centreline between 300 mm and 330 mm above the height of the water closet seat and with its midpoint located in line with the front edge of the water closet, <u>or</u> ii) on the wall beside the water closet with a horizontal portion 600 mm in length with a 600 mm extension extending upwards to the front and away from the horizontal portion at an angle of 60° to the horizontal with the centreline of the horizontal portion between 300 mm and 330 mm above the height of the water closet seat and the intersection of the horizontal and sloping portions located in line with the front edge of the water closet, <u>b) be mounted horizontally on the wall behind the water closet, if the water closet does not have an attached water tank, centred on</u> 	<p>An incorrect placement of the third requirement. Editorial correction.</p>

	<p><u>on the toilet bowl, and be not less than 600 mm in length,</u></p> <p>b) be installed to resist a load not less than 1.3 kN applied vertically or horizontally,</p> <p>c) be not less than 30 mm and not more than 40 mm in diameter, and</p> <p>d) have a clearance not less than 35 mm and not more than 45 mm from the wall.</p>	<p><u>the toilet bowl, and be not less than 600 mm in length,</u></p> <p><u>c)</u> be installed to resist a load not less than 1.3 kN applied vertically or horizontally,</p> <p><u>d)</u> be not less than 30 mm and not more than 40 mm in diameter, and</p> <p><u>e)</u> have a clearance not less than 35 mm and not more than 45 mm from the wall.</p>	
06.02.03.08.(13)	<p>13) Where exhaust duct systems from more than one fire compartment are connected to an exhaust duct in a vertical service space, the requirements of Article <u>3.6.4.3.</u> shall apply.</p>	<p>13) Where exhaust duct systems from more than one fire compartment are connected to an exhaust duct in a vertical service space, the requirements of Article <u>3.6.3.4.</u> shall apply.</p>	<p>Incorrect reference. Editorial correction.</p>
07.01.05.	<p>7.1.5. Windows 7.1.5.1. Insect Screens 1) All openable windows in a dwelling unit shall be screened to protect against the entry of insects.</p>	<p>7.1.5. Windows <u>7.1.5.1. General</u> <u>1) Except as permitted in Article 3.3.3.8., every sleeping room in a building, and every principal room in a dwelling unit, including living rooms and dining rooms or combinations thereof, shall be provided with windows conforming to Subsection 9.7.1.</u> 7.1.5.2. Insect Screens 1) All openable windows in a dwelling unit shall be screened to protect against the entry of insects.</p>	<p>7.1.2.1. of the ABC 1997 was based on 3.7.2.1. of the NBC 1995 with a slight change in wording. NRC removed the requirement in 3.7.2.1. as theirs was based on just the area requirements. 7.1.2.1. was subsequently deleted as well, however, Alberta's requirements were a bit deeper in scope - they covered more than just area limits. As such, this was deleted in error. Editorial correction.</p>
09.03.01.03.(01)	<p>1) Concrete in contact with sulphate soil, which is deleterious to normal cement, shall conform to the requirements in <u>Clause 15.5</u> of CAN/CSA-A23.1, "Concrete Materials and Methods of Concrete Construction."</p>	<p>1) Concrete in contact with sulphate soil, which is deleterious to normal cement, shall conform to the requirements in <u>Clause 4.1.1.6</u> of CAN/CSA-A23.1, "Concrete Materials and Methods of Concrete Construction."</p>	<p>CSA standard has been reformatted. Editorial correction.</p>

09.07.01.02.(03)	3) If the window referred to in Sentence (1) is provided with security bars, the security bars shall be openable from the inside without the use of any tools or special knowledge.	3) If the window referred to in Sentence (1) is provided with security bars, the security bars shall be openable from the inside without the use of <u>keys</u> , tools or special knowledge.	Sentence (1) added the reference to "keys", which should also have been added to Sentence (3). Editorial correction.
09.08.08.03.(03)	3) Exterior guards serving not more than one dwelling unit <u>shall be no less than</u> 900 mm high where the walking surface served by the guard is not more than 1 800 mm above the finished ground level.	3) Exterior guards serving not more than one dwelling unit <u>shall be not less than</u> 900 mm high where the walking surface served by the guard is not more than 1 800 mm above the finished ground level.	Editorial correction.
09.10.14.03.(01)	1) The limiting distance required by Article 9.10.14.4. shall be doubled where firefighting facilities and protective wetting facilities are not available within 10 min of an alarm being received by the fire department.	1) <u>Except for the purposes of applying Sentence 9.10.14.4.(2), (5) and (6), and Sentence 9.10.14.5.(6), a limiting distance equal to half the actual limiting distance shall be used as input to the requirements of this Subsection</u> , where firefighting facilities and protective wetting facilities are not available within 10 min of an alarm being received by the fire department.	NRC changed the way the limiting distances and unprotected openings were calculated in the NBC 2005. For all previous versions of the Code, the NBC and the ABC were the same in the requirements in that the limiting distances were doubled if this requirement wasn't met. Revision brings Alberta back in line with NBC requirements. Editorial correction.
09.10.14.04.(01)	1) Except as provided in Sentences (3) to (7), the maximum aggregate area of unprotected openings in an exposing building face shall a) conform to Table 9.10.14.4., b) conform to Subsection 3.2.3., or c) be equal to or less than i) the limiting distance squared, for residential occupancies, business and personal services occupancies and low-hazard industrial occupancies, and	1) Except as provided in Sentences (3) to (7), the maximum aggregate area of unprotected openings in an exposing building face shall a) conform to Table 9.10.14.4., b) conform to Subsection 3.2.3., or c) <u>where the limiting distance is not less than 1.2 m</u> , be equal to or less than i) the limiting distance squared, for residential occupancies, business and personal services occupancies and low-	NRC revised the way the maximum glazed openings were calculated. 9.10.14.4.(1) used to provide an alternative method of calculating limiting distance which involved a mathematical formula. In developing the 2005 NBC, NRC reversed the formula to determine the amount of unprotected openings. In the

	ii) half the limiting distance squared, for mercantile occupancies and medium-hazard industrial occupancies.	hazard industrial occupancies, and ii) half the limiting distance squared, for mercantile occupancies and medium-hazard industrial occupancies.	process of doing this, they inadvertently eliminated a requirement that said you could not have any openings if the limiting distance was less than 1.2 m. Editorial correction.
09.10.15.03.(01)	1) The limiting distance required by Article 9.10.15.4. shall be doubled where firefighting facilities and protective wetting facilities are not available within 10 min of an alarm being received by the fire department.	1) <u>Except for the purposes of applying Sentence 9.10.15.5.(6), a limiting distance equal to half the actual limiting distance shall be used as input to the requirements of this Subsection,</u> where firefighting facilities and protective wetting facilities are not available within 10 min of an alarm being received by the fire department.	NRC changed the way the limiting distances and unprotected openings were calculated in the NBC 2005. For all previous versions of the Code, the NBC and the ABC were the same in the requirements in that the limiting distances were doubled if this requirement wasn't met. Revision brings Alberta back in line with NBC requirements. Editorial correction.
09.10.15.04.(01)	1) Except as provided in Sentence (3), the maximum aggregate area of glazed openings in an exposing building face shall a) conform to Table 9.10.15.4., b) conform to Subsection 3.2.3., or c) be equal to or less than the limiting distance squared.	1) Except as provided in Sentence (3), the maximum aggregate area of glazed openings in an exposing building face shall a) conform to Table 9.10.15.4., b) conform to Subsection 3.2.3., or c) <u>where the limiting distance is not less than 1.2 m,</u> be equal to or less than the limiting distance squared.	NRC revised the way the maximum glazed openings were calculated. 9.10.14.4.(1) used to provide an alternative method of calculating limiting distance which involved a mathematical formula. In developing the 2005 NBC, NRC reversed the formula to determine the amount of unprotected openings. In the process of doing this, they inadvertently eliminated a requirement that said you could not have any openings if

			the limiting distance was less than 1.2 m. Editorial correction.
09.10.17.01.(04)	4) If the space between joists is being used to create a return air plenum in accordance with Article 9.33.6.14., the materials used to form the duct are permitted to have a flame-spread rating not more than 200 where a) the return air plenum is part of a heating, ventilating or air-conditioning system serving not more than one dwelling unit, b) the surfaces of the plenum do not form part of a wall or ceiling finish, and c) the plenum is permitted to be of combustible construction.	DELETE	No longer needed in light of 9.33.6.2.(6). Editorial correction.
09.23.15.02.(02)	2) Wood-based panels used for roof sheathing conforming to Clause (1)(e) shall be produced at mills operating a quality assurance programme conforming to CSA 0325.2-M, "Quality Assurance for Construction Sheathing."	2) Wood-based panels used for roof sheathing conforming to Clause (1)(e) shall be produced at mills operating a quality assurance programme conforming to CSA O325.2-M , "Quality Assurance for Construction Sheathing."	Incorrect reference. Editorial correction.
09.34.01.05.(01)	1) Electrical wiring and cables shall conform to Sentences 3.1.4.3.(1), 3.1.5.17.(1) and 3.6.4.3.(1), where appropriate.	1) Electrical wiring and cables shall conform to Sentences 3.1.4.3.(1), 3.1.5.18.(1) and 3.6.4.3.(1), where appropriate.	Incorrect reference. Editorial correction.
Table A-09.03.02.01.(01)B	SEE CODE FOR EXISTING TABLE	SEE APPENDIX A TO THIS STANDATA FOR NEW TABLE	NRC approved errata.

DIVISION C ERRATA

Provision	Current Requirement	Revised Requirement	Justification
02.02.01.04.(01)	1) The <i>Chief Building Administrator</i> may grant relaxation of one or more of the requirements of Section 3.8. if an <i>owner</i> can demonstrate to the satisfaction of the <i>Chief Building Administrator</i> that a) the specific requirements are unnecessary, or b) extraordinary circumstances prevent conformance.	1) The <i>Chief Building Administrator</i> may grant relaxation of one or more of the requirements of Section 3.8. of Division B if an <i>owner</i> can demonstrate to the satisfaction of the <i>Chief Building Administrator</i> that a) the specific requirements are unnecessary, or b) extraordinary circumstances prevent conformance.	Missing internal cross-reference. Editorial correction.
02.02.13.02.(01)	1) The <i>owner</i> is responsible for the repair of any damage to public property or works located thereon that may occur as a result of undertaking <i>work</i> regulated by this Code.	1) The <i>owner</i> is responsible for the repair of any damage to public property or works located thereon that may occur as a result of undertaking <i>work</i> regulated by this Code.	Remove italics. Not a defined term in this context. Editorial correction.
Schedule A-2	The <i>owner</i> and the coordinating registered professional have read and understand Part 1 of Division A and Part 2 of Division C, especially Subsection 2.4.3. of Division C, of the ABC.	The <i>owner</i> and the registered professional of record have read and understand Part 1 of Division A and Part 2 of Division C, especially Subsection 2.4.3. of Division C, of the ABC.	Editorial correction.

These ERRATA apply throughout the Province of Alberta.

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APPENDIX A - TABLE A-09.03.02.01.(01)B

Table A-9.3.2.1.(1)B.

Facsimiles of Grade Marks Used by Canadian Lumber Manufacturing Associations and Agencies Authorized to Grade Mark Lumber in Canada


Facsimiles of Grade Mark	Association or Agency
<p>A.F.P.A.[®] 00 S-P-F NLGA 1 KD-HT</p> <p>G200008B</p>	<p>Alberta Forest Products Association 500-10709 Jasper Avenue Edmonton, Alberta T5J 3N3</p>
<p>CL[®]A 100 1 NLGA S-P-F KD-HT</p> <p>G200009B</p>	<p>Canadian Lumbermen's Association 30 Concourse Gate Suite 200 Ottawa, Ontario K2E 7V7</p>
<p>  No 1 KD-HT NLGA S-P-F </p> <p>G2000012B</p>	<p>Canadian Mill Services Association #200, 601-6th Street New Westminster, British Columbia V2G 1Z5</p>
<p>CSI[®] No.1 00 KD-HT NLGA DFIR-L (N)</p> <p>G2000095A</p>	<p>Canadian Softwood Inspection Agency Inc. 1047-250A Street Aldergrove, British Columbia V4W 2S8</p>
<p>CFPA[®] 00 S-P-F KD-HT CONST</p> <p>G2000008B</p>	<p>Central Forest Products Association Inc. PO Box 1169 Hudson Bay, Saskatchewan S0E 0Y0</p>

Table A-9.3.2.1.(1)B. (Continued)




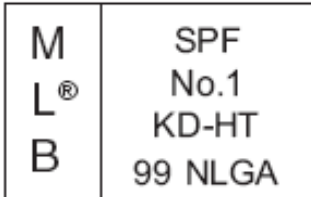
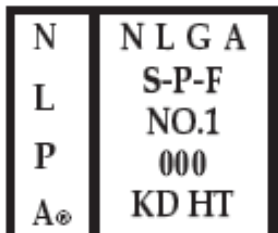


Facsimiles of Grade Mark	Association or Agency
  <small>G200057B</small>	Council of Forest Industries 360-1855 Kirschner Road Kelowna, British Columbia V1Y 4N7
 <small>G200054B</small>	MacDonald Inspection Services Ltd. 842 Eland Drive Campbell River, British Columbia V9W 6Y8
 <small>G200055B</small>	Maritime Lumber Bureau PO Box 459 Amherst, Nova Scotia B4H 4A1
 <small>G200056B</small>	Newfoundland & Labrador Lumber Producers Association PO Box 8 Glovertown, Newfoundland A0G 2L0
 <small>G200057B</small>	N.W.T. Forest Industries Association PO Box 220 Fort Smith, Northwest Territories X0E 0P0

Table A-9.3.2.1.(1)B. (Continued)

Facsimiles of Grade Mark	Association or Agency
<p>O.L.M.A.[®] 09 1 KD-HT NLGA S-P-F <small>©2000 OLB</small></p>	<p>Ontario Lumber Manufacturers' Association 210-65 Queen Street West Toronto, Ontario M5H 2M5</p>
<p>PIB NO. 1 KD - HT S-P-F 00 NLGA RULES <small>©2000 OLB</small></p>	<p>Pacific Lumber Inspection Bureau 33442 First Way South Suite 300 Federal Way, Washington 98003 USA British Columbia Division: PO Box 19118 Fourth Avenue Postal Outlet Vancouver, British Columbia V6K 4R8</p>
<p> S-P-F S-DRY 1 NLGA <small>©2000 OLB</small></p>	<p>Quebec Forest Industry Council (Conseil de l'industrie forestière du Québec) 1175, avenue Lavigerie Bureau 200 Sainte-Foy (Québec) G1V 4P1</p>