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| Version | Date | Description of Revisions |
| 1 | August 30, 2006 | Approved final document. |
| 2 | November 19, 2007 | Minor revisions by Legal Services. |
| 3 | November 13, 2009 | Modified ‘Related Section’ |
| 4 | March 15, 2011 | Minor changes from Legal |
| 5 | June 5, 2012 | Added References and Replacement Parts Section |
| 6 | July 3, 2012 | Reformatted to Remove White Space |
| 7 | April 22, 2015 | General formatting |
| 8 | August 25, 2015 | First draft Phase 1 review (AV) |
| **9** | **October 19, 2015** | **Updated, Finalized Specification – Legal Reference eDOCS #6263211 v3 (AV)** |
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NOTE:

This is a CONTROLLED Document. Any documents appearing in paper form are not controlled and should be checked against the on-line file version prior to use.

**Notice:** This Document hardcopy must be used for reference purpose only.

**The on-line copy is the current version of the document.**

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## Related Sections

### *[Under "Related Sections", identify other Sections that are related to, and/or dependent on, the work results or information specified elsewhere. The list should be limited to Sections with specific information that the reader might expect to find in this Section, but is specified elsewhere. For example, if hardware for aluminum entrances is specified in the aluminum entrance Section, a cross-reference would be appropriate in the finish hardware Section. The purpose of this cross-referencing is for information only, to aid in finding those other requirements—not to define the scope of the Section.*

### *Cross-referencing here may also be used to coordinate assemblies or systems whose components may span multiple Sections and which must meet certain performance requirements as an assembly or system.*

### *Contractor is responsible for coordination of the Work.*

### *This Section is to be completed/updated during the design development by the Consultant. If it is not applicable to the section for the specific project it may be deleted.]*

### *[List Sections specifying installation of products supplied but not installed under this Section and indicate specific items.]*

### Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: Execution requirements for ...[item]... specified under this Section.

### *[List Sections specifying products installed but not supplied under this Section and indicate specific items.]*

### Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: Product requirements for ...[item]... for installation under this Section.

### *[List Sections specifying related requirements.]*

### Section 01060 – Regulatory Requirements

### Section 04051 – Masonry Procedures.

### Section 04060 – Mortar and Masonry Grout.

### Section 04080 – Masonry Reinforcement and Connectors.

### Section 04090 – Masonry Accessories.

### Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: [Optional short phrase indicating relationship].

## References

*[Delete .1 if Section 01060 – Regulatory Requirements is included in Contract Documents.]*

### Comply with the latest edition of the following statutes, codes, standards, and all amendments thereto:

#### CSA A165 Series-14, CSA Standards on Concrete Masonry Units

## Measurement and Payment

*[Choose one of the following payment language provisions that best suits the individual project.*

*If this Section is not specifically referenced by an item in the Bid Form, please use the following language:*

### The work of this Section will not be measured separately for payment. All costs associated with the work of this Section shall be included in the Contract Price.

*OR If this Section is specifically referenced in the Bid Form, use the following language and identify the relevant item in the Bid Form:*

### All costs associated with the work of this Section shall be included in the price(s) for Item No(s). \_\_\_ in the Bid Form.

### *If the work of this Section is to be measured and paid for by several different methods, please amend the standard wording given above to reflect the different methods of measurement and payment.*]

# PRODUCTS

## Materials

### Standard concrete block units Type [\_\_\_\_\_]: in accordance with CSA A165 Series-14 Decorative face treatment describe.

#### Classification: [\_\_\_\_\_\_]/[\_\_\_\_\_]/[\_\_\_\_\_]/[\_\_\_\_\_].

#### Size: modular.

#### Special shapes: Provide [square] [bull nosed] units for exposed corners. Provide purpose made shapes for lintels and bond beams. Provide additional special shapes as indicated in the Contract Documents.

### Prefaced concrete block units [Type \_\_\_\_\_\_]: in accordance with CSA A165 Series-14 [Decorative face treatment] [        ].

#### Classification of body of unit: H/15/B/M in accordance with CSA A165Series-14

#### Size: modular.

#### Special shapes: Provide the special shapes indicated in the Contract Documents. Provide purpose made shapes for lintels and bond beams.

#### Colour: [Selected from the manufacturer's standard range] as indicated in the Contract Documents.

### Autoclaved concrete block units Type [\_\_\_\_\_]: in accordance with CSA A165 Series-14, Grade [\_\_\_\_\_] [-Decorative face treatment].

### Acoustical concrete block units [Type \_\_\_\_\_\_]: in accordance with CSA A165 Series-14, Grade [     ] purpose made with slots to provide the acoustical characteristics specified below.

#### Classification: H/15/B/M

#### Size: Modular.

#### Special shapes: Provide the special shapes indicated in the Contract Documents. Provide purpose made shapes for lintels and bond beams.

#### Noise Reduction Coefficients (NRC):

##### NRC range [\_\_\_\_\_] to [\_\_\_\_\_] for 100 mm wide units with [\_\_\_\_\_] mm wide slots and two cavities with [noncombustible fibrous filler elements] when surface painted before testing.

##### NRC range [\_\_\_\_\_] to [\_\_\_\_\_] for 150 mm wide units with [\_\_\_\_\_] mm wide slots and two cavities with [noncombustible fibrous filler elements] when surface painted before testing.

##### NRC range [\_\_\_\_\_] to [\_\_\_\_\_] for 200 mm wide units with [\_\_\_\_\_] mm wide slots and two or three cavities with [noncombustible fibrous filler elements] when surface painted before testing.

#### Sound Transmission Class: STC [\_\_\_\_\_] for 150 mm wide units with [\_\_\_\_\_] mm wide slots and [non-combustible fibrous filler elements] when painted on the un-slotted side with two coats of cement base paint before testing.

### Special fire resistant concrete block units Type [\_\_\_\_\_]: in accordance with CSA A165 Series-14 as modified below.

#### Classification: H/15/B/M except as modified by the fire resistance requirements specified below.

#### Fire resistant characteristics: Aggregate used in units and equivalent thickness of units in accordance with the Supplement to the [National Building Code of Canada, Chapter 2] for the fire resistance ratings indicated in the Contract Documents. *[Consultant to verify cross reference and amend as required]*

#### Size: Modular.

#### Special shapes: Provide square bull nosed units for exposed corners. Provide purpose made shapes for lintels and bond beams and provide additional shapes as indicated in the Contract Documents.

# EXECUTION

## Installation

### Concrete block units

#### Bond: [running] [stack].

#### Coursing height: 200 mm for one block and one joint.

#### Jointing: concave where exposed or where paint or another finish coating is specified in the Contract Documents.

### Prefaced concrete block units

#### Bond: running stack.

#### Coursing height: [\_\_\_\_\_] mm for one block and one joint.

#### Jointing: provide concave joints.

#### Clean block faces using soft cloths before the mortar hardens and rake to a 10 mm depth. After the completion of block laying, fill the joints with pointing mortar then point to provide concave joints. Repeat cleaning of faces.

### Concrete block lintels

#### Install reinforced concrete block lintels over openings in masonry where steel or reinforced concrete lintels are not indicated in the Contract Documents.

#### End bearing: Minimum of 200 mm.

## Cleaning

#### [Standard] and [Decorative] Block: Allow mortar droppings on masonry to partially dry then remove by means of trowel, followed by rubbing lightly with a small piece of block and finally by brushing.

### Upon completion of installation, remove surplus materials, rubbish, tolls, and equipment barriers off the Site.

**END OF SECTION**