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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 | June 5, 2012 | Added References and Replacement Parts Sections |
| 5 | July 6, 2012 | Reformatted to Remove White Space |
| 6 | April 22, 2015 | General Formatting |
| 7 | August 25, 2015 | First draft Phase 1 review (AV) |
| **8** | **October 19, 2015** | **Updated, Finalized Specification – Legal Reference eDOCS #6263210 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.**

# General

## 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 01300 - Submittals

### 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:

#### American Society for Testing and Materials International (ASTM).

##### ASTM C126-15, Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units.

#### Brick Industry Association (BIA).

##### Technical Note No. 20, Cleaning Brick Masonry.

#### Canadian Standards Association (CSA International).

##### CAN/CSA A82-14, Fired Masonry Brick Made From Clay or Shale.

##### 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.*]

## Submittals

### Product Data:

#### Submit the manufacturer's printed Product literature, specifications and data sheets in accordance with Section 01300 - Submittals.

### Manufacturer's Instructions.

#### Submit the manufacturer's installation instructions.

## Quality Assurance

### Test Reports: certified test reports showing compliance with the specified performance characteristics and physical properties.

### Certificates: Product certificates signed by the manufacturer certifying that the materials comply with the specified performance characteristics and criteria and the physical requirements.

### Pre-Installation Meetings: conduct pre-installation meetings to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements. Comply with the requirements of Section [\_\_\_].

# PRODUCTS

## Manufactured Units

*[Select .1 or .2 or add .3 to suit project.]*

### Face Brick:

#### Burned clay brick: in accordance with CAN/CSA A82-14.

##### Type: [FBX] [\_\_\_].

##### Grade: SW.

##### Size: [\_\_\_].

##### Colour and texture: [to match the approved sample] [\_\_\_].

#### Hollow clay brick: in accordance with [CAN/CSA A82-14].

##### Type: I(H).

##### Compressive strength: [\_\_\_] minimum.

##### Size: [\_\_\_].

##### Colour and texture: to match the approved sample.

##### [\_\_\_].

# EXECUTION

## Manufacturer’s Instructions

### Compliance: comply with the manufacturer's written data, including Product technical bulletins, Product catalogue installation instructions, Product carton installation instructions, and data sheets.

## Installation

### Bond: stretcher [\_\_\_].

### Coursing height: [200] [\_\_\_] mm for three bricks and three joints [as indicated in the Contract Documents].

### Jointing: [Concave] [raked] [\_\_\_] where exposed or where paint or a similar thin finish coating is specified in the Contract Documents.

### Mixing and blending: mix units within each pallet and with other pallets to ensure a uniform blend of colour and texture.

### Clean unglazed clay masonry as the Work progresses.

## Cleaning

### Perform cleaning as soon as possible after installation to remove construction and accumulated environmental dirt.

### Clean the unglazed clay masonry: [on the 10 m2] area of wall designated by the Consultant [as the mock up panel specified in Section 04051 - Masonry Procedures] as directed below and leave for 7 Days. If no harmful effects appear, and after the mortar has set and cured, protect the windows, sills, doors, trim and other Work, and clean the remaining brick masonry as follows:

#### Remove large particles with wood paddles without damaging the surface. Saturate masonry with clean water and flush off all loose mortar and dirt.

#### Scrub with a solution of 25 mL trisodium phosphate and 25 mL household detergent dissolved in 1 L of clean water using stiff fibre brushes, then clean off immediately with clean water using a hose. Alternatively, use a proprietary compound recommended by the brick masonry manufacturer in accordance with the manufacturer's directions.

#### Repeat the cleaning process as often as necessary to remove mortar and other stains.

#### Use an acid solution treatment for difficult to clean masonry as described in [Technical Note No. 20 published by Brick Industry].

**END OF SECTION**