

**Part 1            General**

**1.1                RELATED SECTIONS**

- .1        Section 01330 - Submittal Procedures.
- .2        Section 04051 - Masonry Procedures.
- .3        Section 04060 - Mortar and Masonry Grout.
- .4        Section 04080 - Masonry Reinforcing and Connectors.
- .5        Section 04090 - Masonry Accessories.

**1.2                REFERENCES**

- .1        American Society for Testing and Materials International (ASTM).
  - .1        ASTM C126-99, Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units.
- .2        Brick Industry Association (BIA).
  - .1        Technical Note No. 20-2000, Cleaning Brick Masonry.
- .3        Canadian Standards Association (CSA International).
  - .1        CAN/CSA A82.1-M87(R1999), Burned Clay Brick (Solid Masonry Units Made From Clay or Shale).

**1.3                SUBMITTALS**

- .1        Product Data.
  - .1        Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01330 - Submittal Procedures.

**1.4                QUALITY ASSURANCE**

- .1        Pre-Installation Meetings: conduct pre-installation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements.

**1.5                WASTE MANAGEMENT AND DISPOSAL**

- .1        Remove from site and dispose of packaging materials at appropriate recycling facilities.

**Part 2 Products**

**2.1 MANUFACTURED UNITS**

- .1 Face brick.
  - .1 Burned clay brick: to CAN/CSA A82.1.
    - .1 "Cimarron" Modular Brick, Velour texture, by Cloud Ceramics, distributed by IXL Industries Ltd.

**Part 3 Execution**

**3.1 MANUFACTURER'S INSTRUCTIONS**

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

**3.2 INSTALLATION**

- .1 Bond: Running Bond.
- .2 Coursing height: Match Existing.
- .3 Jointing: concave
- .4 Mixing and blending: mix units between re-used and new and within each pallet and with other pallets to ensure uniform blend of colour and texture.
- .5 Clean unglazed clay masonry as work progresses.

**3.3 CLEANING**

- .1 Perform cleaning as soon as possible after installation to remove construction and accumulated environmental dirt.
- .2 Clean brick masonry as follows.
  - .1 Remove large particles with wood paddles without damaging surface. Saturate masonry with clean water and flush off loose mortar and dirt.
  - .2 Scrub with 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 hose. Alternatively, use proprietary compound recommended by brick masonry manufacturer in accordance with manufacturer's directions.
  - .3 Repeat cleaning process as often as necessary to remove mortar and other stains.
  - .4 Use acid solution treatment for difficult to clean masonry as described in Technical Note No.20 by the Brick Industry Association.
- .3 Clean glazed clay masonry as work progresses using soft, clean cloths, within few minutes after laying.

- .1 Upon completion, when mortar has set so that it will not be damaged by cleaning, clean with soft sponge or brush, and clean water. Polish with soft, clean cloths.
- .4 Clean concrete brick masonry as work progresses.
- .1 Allow mortar droppings on masonry to partially dry then remove by means of trowel, followed by rubbing lightly with small piece of brick and finally by brushing.
- .5 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

**END OF SECTION**