

STONE MASONRY UNITS

1. GENERAL

1.1 General Requirements

- .1 Conform to requirements of Section 04051 – Masonry Procedures.

2. PRODUCTS

2.1 Materials

- .1 Acceptable Products: Subject to compliance with requirements of this Section, products that may be incorporated into the Work include, but are not limited to, the products specified. Products by other manufacturers similar in function, design, performance, and construction may be used subject to Contract Administrator's prior acceptance.
- .2 Stone, General: Hard, durable, well seasoned and of uniform strength, colour and texture, free of harmful quantities of radiation, or other mineral or organic defects.
 - .1 SMU-1 Limestone: ASTM C568, smooth face, 3 course ashlar, random lengths and no continuous horizontal joint heights, 90 to 100 mm bed thickness, 200 mm course heights, Tyndall Limestone buff colour by Gillis Quarries Limited.

3. EXECUTION

3.1 Installation

- .1 Clean stone by washing with water before laying.
- .2 Lay heavy stones and projecting stones after mortar in courses below has hardened sufficiently to support weight.
- .3 Prop and anchor projecting stones until wall above is set.
- .4 Set large stones on water soaked softwood wedges to support stone in proper alignment until mortar has set. Remove wedges when dry, do not break off, grout holes with matching mortar.
- .5 Remove mortar droppings and splashings from face of stone before mortar is set. Sponge stone free of mortar along joints as work progresses.
- .6 Tool joints after initial set has occurred to concave finish.
- .7 Arrange random coursed ashlar stone pattern so that no vertical joint is higher than highest course height being used, no horizontal joint is more than five stones long and no two stones of same height are placed end to end. End stones 100 mm long.

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3.2 Cleaning

- .1 After mortar has completely set brush stone work with stiff brush using mild alkaline abrasive cleaner that contains no caustic or harsh fillers.
- .2 Rinse with clear water to remove foreign matter.

END OF SECTION