

ARCHITECTURE

SECTION 04410

STONE COUNTERTOPS

PART 1 - GENERAL

- 1.1. Granite countertops are to be Furnished and Installed by the General Contractor at the following locations:
 - A. Granite countertops in the toilet rooms.
 - B. Alternate: Granite countertops in kitchenettes.
- 1.2. QUALITY ASSURANCE
 - A. Single-Source Responsibility.
 1. Stone: Obtain each color, grade, finish, type, and variety of stone from a single quarry with resources to provide materials of consistent quality in appearance and physical properties, including the capacity to cut and finish material without delaying the progress of the work.
 2. Mortar and Grout Materials: Obtain mortar ingredients of uniform quality and from one manufacturer for each cementitious and admixture component and from one source or producer for each aggregate.
 3. Other Materials: Obtain each type of stone accessory, sealant, and other materials from one manufacturer for each product.
 - B. MATERIALS, GENERAL
 1. Comply with referenced standards and other requirements indicated applicable to each type of material required. For Granite countertops, comply with recommendations of Granite Building Stone Standard ASTM C-568 and National Building Granite Quarries Association (NBGQA) Specifications for Architectural Granite.
 2. Provide matched blocks from a single quarry for each type, variety, color, and quality of stone required. Extract blocks from a single bed of quarry stratum especially reserved for project, unless stones from randomly selected blocks are acceptable to Owner's Representative for aesthetic effect.
 3. Quarry stone in manner to ensure that as-quarried block orientations yield finished stone with required characteristics.

PART 2 - PRODUCTS

- 2.1. Granite Manufacturer
 - A. The following are approved manufacturers and products.
 1. Belstone Marble & Granite
 2. American Hintech
 3. Catco Marble & Granite
 4. Impex Development L.L.C.
 5. Or approved equal.
- 2.2. Products and Colors: Tier 2 quality.
- 2.3. Adhesives and Sealants
 1. General: Use only adhesives formulated for stone and ceramic tile and recommended by their manufacturer for the application indicated.
 2. Water-cleanable Epoxy Adhesive: ANSI A118.3
 3. Sealant for Countertops: colored silicone sealant with flex color to match stone, complying with requirements of Division 7 Section - "Sealants".

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PART 3 - EXECUTION:

- 3.1. Installation – provide additional support and blocking in walls to carry the Granite and Marble.
 - A. Contractor shall Furnish and install all granite.
- 3.2. Fabrication:
 - A. Fabricate stone countertops in sizes and shapes required to comply with requirements indicated, including details on Drawings and Shop Drawings.
 - B. Provide thickness indicated, but not less than 1 1/4" Nominal Thickness (4"x3/4" at backsplash). Cabinets to be reinforced as required and refer to interior elevations
 - C. Edge Detail: Provide "Bullnose" edge detail top and bottom. Provide polished eased edges at all sink cutouts for mounting of under mount type sinks.
 - D. Sizes may vary to fit cabinets. Refer to drawings and confirm in shop drawings.

END OF SECTION