WELLINGTON DIMENSION STONE COLLECTION

at the

CLEVELAND MUSEUM OF NATURAL HISTORY:

A Rare Example Of A Well-documented Collection Of 20th Century Dimension Stones

By Dr. David Saja, Curator of Mineralogy
Mr. Wellington

Robert E. Wellington engineer and salesman for the Albermar Associates of Cleveland, Ohio.

Records cover a two-decade period from 1967 to 1987

In 1988, Collection and Records Donated to the Cleveland Museum of Natural History

Representative of the Alberene Stone Company, and several other major marble and granite companies across the United States.
Stone Companies Represented

- Georgia Marble,
- Green Mountain Marble,
- Tennessee Marble,
- Alabama Limestone,
- Carthage Marble Corp., Carthage, Missouri
- Georgia Granite Co.,
- Vermont Structural Slate Co.,
- The Structural Slate Co., PEN ARGYL, PENNSYLVANIA

... among others
Quarry Localities

States with Quarry Localities:
- MO (Missouri)
- PA (Pennsylvania)
- TN (Tennessee)
- AL (Alabama)
- GA (Georgia)
- VT (Vermont)
The Collection

Wellington Dimension Stone Collection

- 1137 total specimens (including duplicates)

533 Cataloged
New Storage Cabinet
Specimen Size

- 3x5 in. (7.5 x 12.5 cm)
- 12x12 in. (30 x 30 cm)
- Book Specimens
Specimen Finish

- Polished
- Flame Etched “thermal”
- Honed
- Rough Cut/Split
Specimen “Rock” Types

1. Granite
   • Diabase
   • Anorthosite
   • Gabbro
   • Phyllite
   • Quartzite
   • Serpentine
   • Limestone
   • Travertine
   • Breccia
   • Schists

2. Slate

3. Marble
1. Specimen Name and Manufacturer
2. Specimen Catalogs
3. Sales Brochures
4. Blueprints
5. Sales Invoices & Letters of Communication
2. Specimen Catalog
Marble of the Month catalogs

Marble of the Month
catalogs

November, 1960

ST. CLAIR GOLDEN VEIN

St. Clair Golden Vein comes from a land of densely wooded slopes and high mountain pastures, of icy springs flowing from the base of rocky cliffs and meandering through the valleys as clear gravel-bottomed streams and then deep rivers, of long lovely vistas over the endless high green hills. This is the land of the Ozark Mountains and the White River. This is the land that produces St. Clair Golden Vein.

Along the banks of the White River about thirty miles north of Batesville, Arkansas, are three marble quarries within a few hundred yards of each other. These quarries produce Ferndale, St. Clair Blattin, and St. Clair Golden Vein. Strangely, these marbles are not much alike. Ferndale is a smoky rose, St. Clair Blattin is a brawny dark grey with shell markings, and St. Clair Golden Vein is entirely different from either of them.

St. Clair Golden Vein has a warm, neutral background relieved by fine, delicate golden veins and flecks of dark grey and tan. It is an especially good choice as a marble veneer for large wall areas. When a marble with bold veins and bright colors might look gaudy and overpowering, hundreds of square feet of St. Clair Golden Vein look harmonious and serene. This is largely due to the marble's muted colors and dappled markings.

St. Clair Golden Vein is very low in cost. That is another reason why it is often chosen to cover large areas. Its low price per square foot can make a great deal of difference in total cost when the square footage is considerable. St. Clair Golden Vein is also quite sound for a decorative marble; it's in the Group B category.

When the requirements for a wall veneer are high and the budget is low, remember St. Clair Golden Vein.

September, 1960

AZTEC ONYX

Here is a newcomer on the architectural scene, a brilliant and exciting variety of Mexican Onyx. We have just made arrangements with the quarries in Mexico to distribute this material in the United States. With this issue of the Marble of the Month, Aztec Onyx makes its debut to North American architects, marble dealers, and interior designers.

Aztec Onyx is actually an onyx marble. Like the travertine marbles, it is a sedimentary rock of chemical origin. While travertine marbles are formed by the precipitation of hot springs, onyx marbles are formed by the deposits of cold water solutions, usually in limestone caves. Thus, onyx marbles are often called cave onyx.

The vast majority of marbles are metamorphic marbles. They are composed of limestone which has been recrystallized by geologic heat and pressure. Impurities in the recrystallized limestone give metamorphic marbles their various colorings.

There is one other large category of marbles known as serpentine marbles or verde antiques. Green is the typical color of serpentines, but they are sometimes yellow, red, brown, or black. Serpentines were formed by chemical action on igneous rocks.

The beautiful banding associated with the best onyx marble is the result of impurities like iron and manganese oxides deposited in successive layers during the formation of the material. These lovely bands and striations along with a transluscent and almost iridescent appearance make onyx marbles highly prized in architectural work.
3. Sales Brochures
Records of buildings and the stone used

JOB: Municipal Building
LOCATION: Port Huron, MI
MATERIAL: Cherokee/Textured
Over 100 years ago, marble was transported on "stone boats" drawn by oxen. Log rollers substituted for wheels.

Around 1885 teams of eight horses in tandem hauled marble from quarry to sawing sheds.

Sutherland Falls marble operation, 1836-1880, predecessor of the Vermont Marble Company.

Early in 1900's gasoline engined trucks and trailers greatly improved hauling efficiency.
Methods
Installation methods

1. Anchoring at top of marble
2. Anchoring at intermediate joint
3. Anchoring at bottom of marble

A. Slab height
B. Grid strut spacing
C. Anchor spacing
D. Grid strut

Bed joint anchoring
4. Blueprints
5. Sales Records

18 banker boxes containing twenty years (1967 to 1987) of records
Invoices and Correspondences

CARThAGE MARBLE CORPORATION
INTER-OFFICE MEMO

FROM: Harry Laney
TO: Albermar Associates
Cleveland, Ohio

DATE: April 25, 1972

SUBJECT: Wilson's Tile Company
Goodyear Tire & Rubber Company
Akron, Ohio
Our Job No. 72-4013

Dear Bert,

Please be advised that we have shipment of the marble on the above job set up on May 18th, 1972.

Very truly yours,

Harry Laney

HL:lbs
We are authorized by Candoro Marble Company to give you the following quotation.

We have examined the architects' drawing, sheets 3 and 8, dated 27 October, 1978, specifications, Div. 10 Specialties, and would be pleased to furnish the five shower dressing compartments in Women’s Locker Room No. 27 as follows:

Sterling Gray Marble, price $3,866.00 f.o.b. Knoxville, Tenn. Estimated shipping weight 4,200 lbs. Estimated trucking $124.00 additional.

If the marble can be Craig Pink or Antique Walnut, the price will be $2,782.00 f.o.b. Knoxville, Tenn. The weight and trucking remain the same.

The above prices are based on our furnishing the marble, erection hardware, curtain rods, curtains and towel hooks. Our price does not include any receptors nor any soap dishes. We would prepare shop drawings, you to furnish necessary measurements.

This quotation is subject to acceptance within thirty days and does not include taxes of any kind. Orders should be made to the name of Candoro Marble Company and mailed to the address shown above. All orders are subject to acceptance at the company’s home office. Trucking charges are subject to change should rates change prior to shipment.

Yours very truly,

ALBERMAR ASSOCIATES

R. E. Wellington

REW1G
cc - Candoro
Account Types

- Building Exteriors
- Lobbies
- Offices
- Bathrooms
- Locker Rooms
- Countertops
Accounts

- churches
- museums
- hospitals
- fire stations
- city halls
- universities
- high schools
- restaurants
- cemeteries
- corporate headquarters

E.g.
- Goodyear Tire
- Procter & Gamble
Other Similar Collections

- Smithsonian
- Seriously Amazing
- Oxford University Museum of Natural History
- The Sedgwick Museum of Earth Sciences
Smithsonian Institution

- 2352 individual specimens
- 2032 are domestic stone from 47 states
- 320 are from 16 foreign countries

In 1948, it was used to make a “TEST WALL” at the National Bureau of Standards (NBS) site in Washington D.C.

http://www.nist.gov/el/building_materials/stonewall.cfm
Sedgwick Museum
the Earth Sciences Department at Cambridge, UK

John Watson Building Stone Collection

2,500 specimens,
largely from Great Britain

Cataloged in 1911

http://throughthesandglass.typepad.com/through_the_sandglass/2009/01/index.html
Corsi Collection

Early 19th century collection made by Roman lawyer Faustino Corsi

“900 stones” in the collection

Published a catalog in 1825

http://www.oum.ox.ac.uk/corsi/contactus
Open soon for access!

The Wellington Dimension Stone Collection

at
the Cleveland Museum of Natural History
All samples are imaged
Database includes both trade and geologic names

e.g. Marble Verde = Serpentine
Document sorting and scanning is still in progress.
END