

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

William R. and Anne J. Cook
Endowed Chair of Mineralogy

Cleveland Museum of
NATURAL HISTORY



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

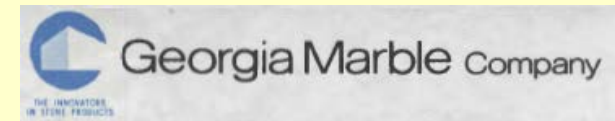
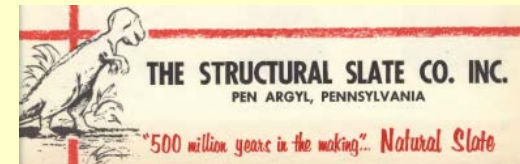
In 1988, Collection and Records Donated to the Cleveland Museum of Natural History

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

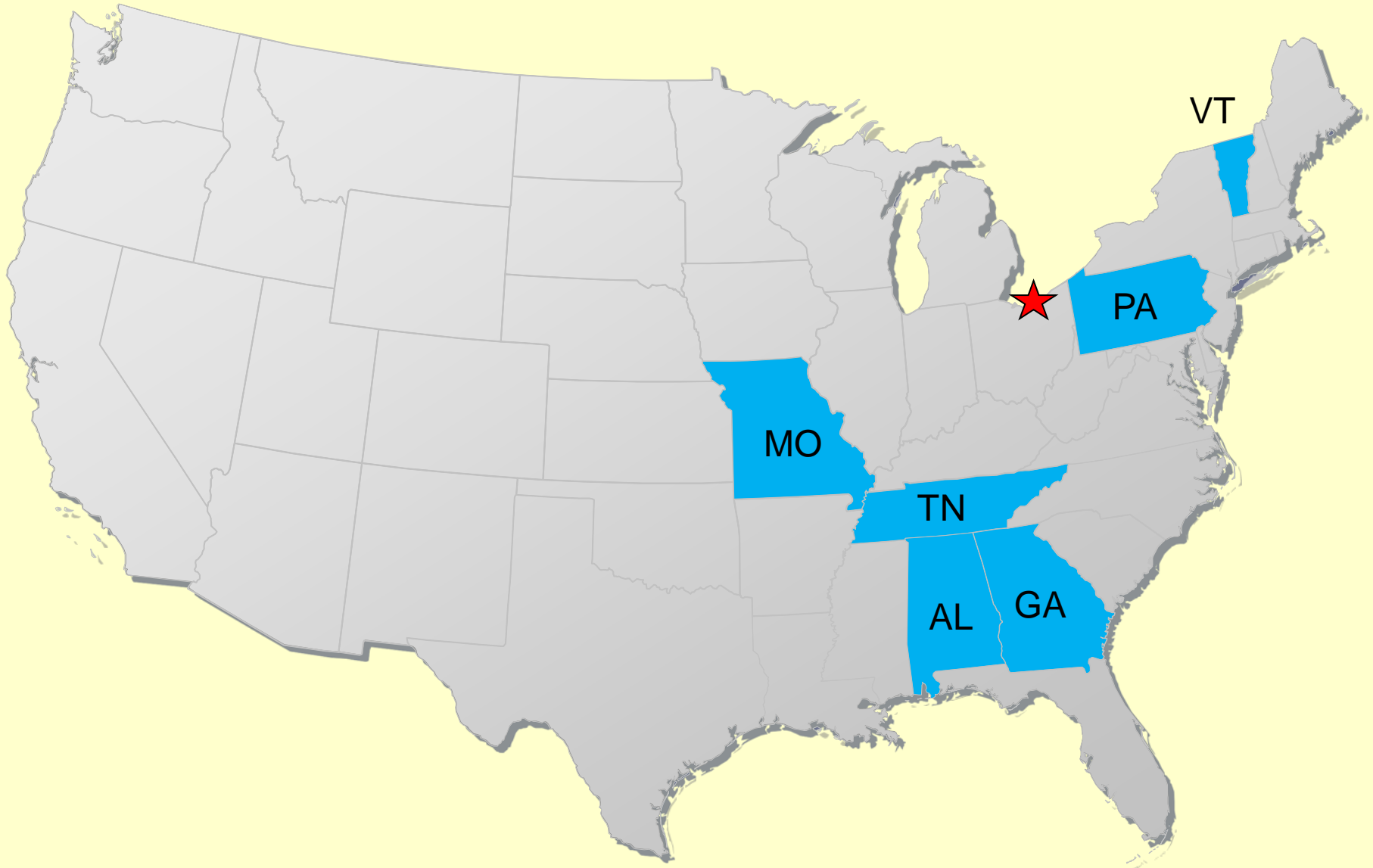


Stone Companies Represented

- 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

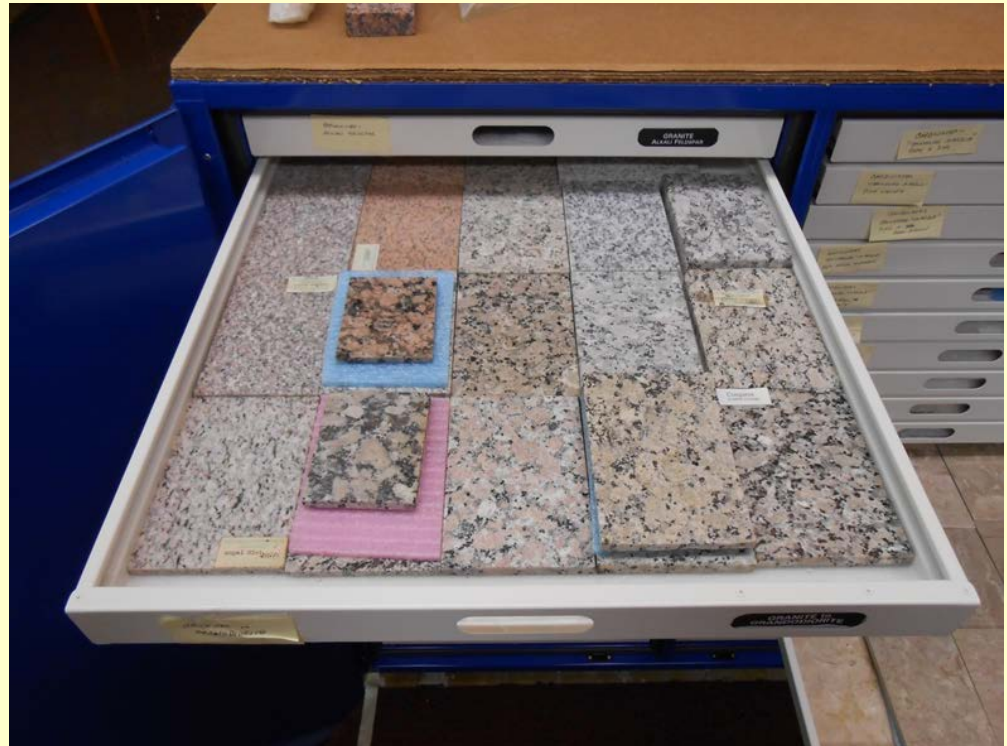


The Collection

Wellington Dimension Stone Collection

➤ **1137 total specimens** (including duplicates)

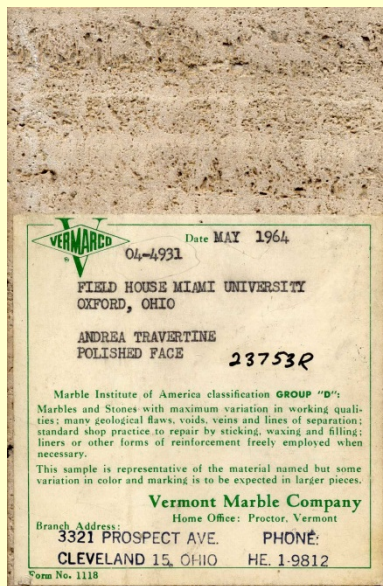
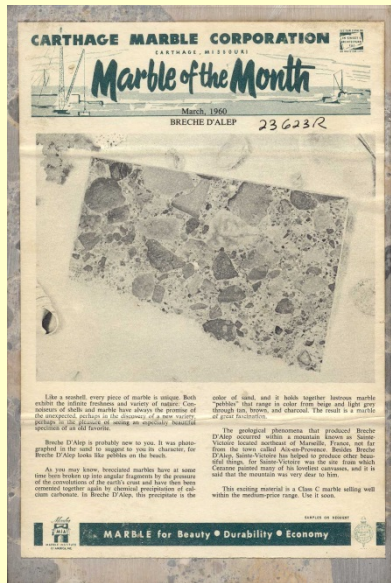
533 Cataloged



New Storage Cabinet



Specimen Labels



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

2. Slate

3. Marble

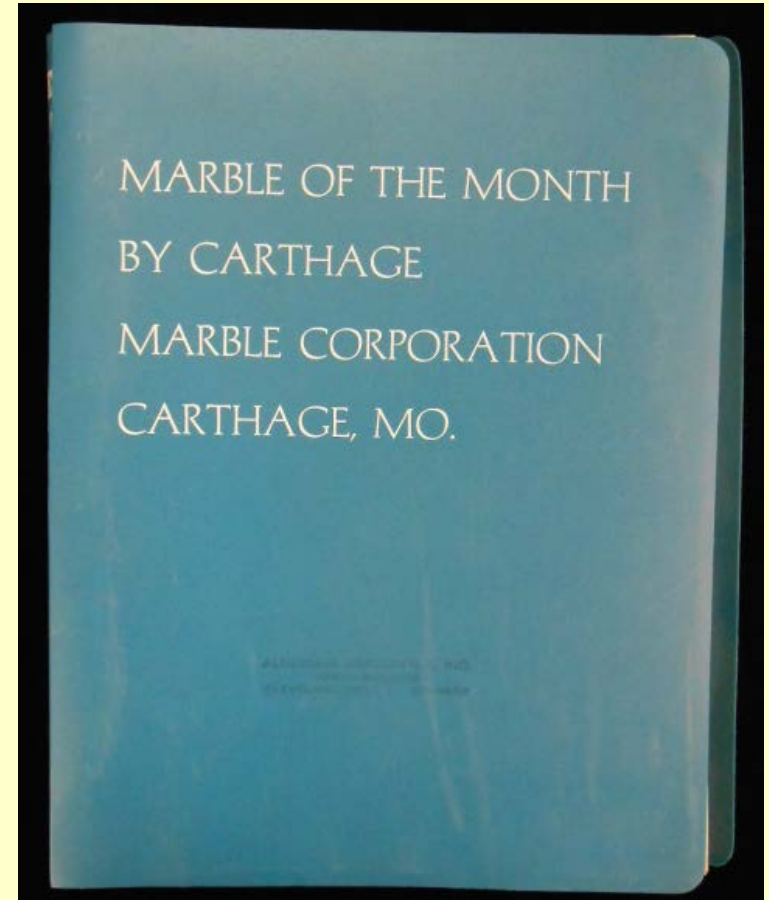
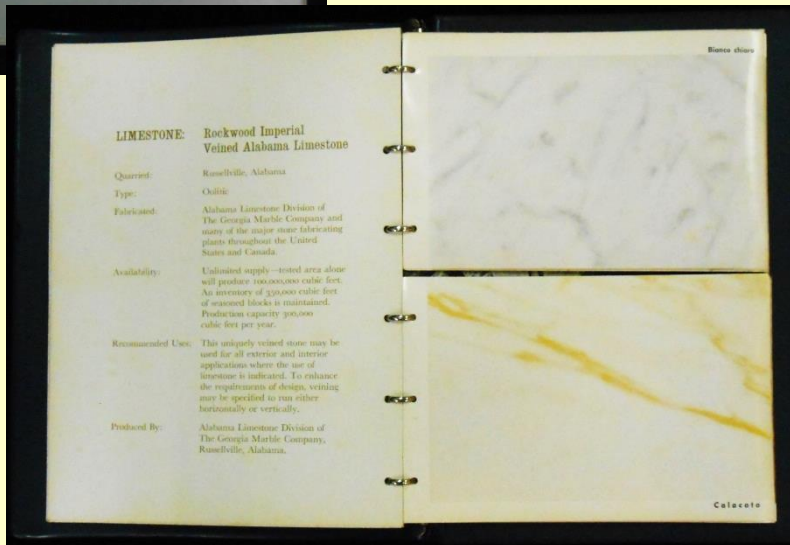
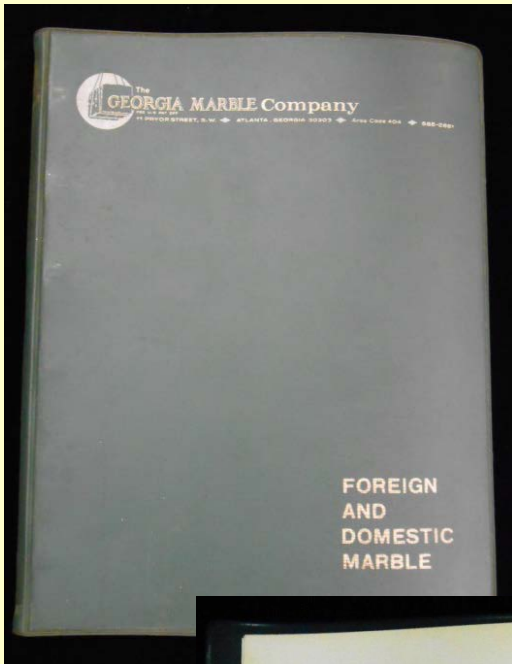
- **Diabase**
- **Anorthosite**
- **Gabbro**
- **Phyllite**
- **Quartzite**
- **Serpentine**
- **Limestone**
- **Travertine**
- **Breccia**
- **Schists**

Documentation

- X** 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



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 bluffs 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 Platin, and St. Clair Golden Vein. Strangely, these marbles are not much alike. Ferndale is a smoky rose, St. Clair Platin is a lustrous 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.

SAMPLES ON REQUEST



MARBLE for Beauty • Durability • Economy



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 mar-

bles. 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 translucent and almost iridescent appearance

(OVER)

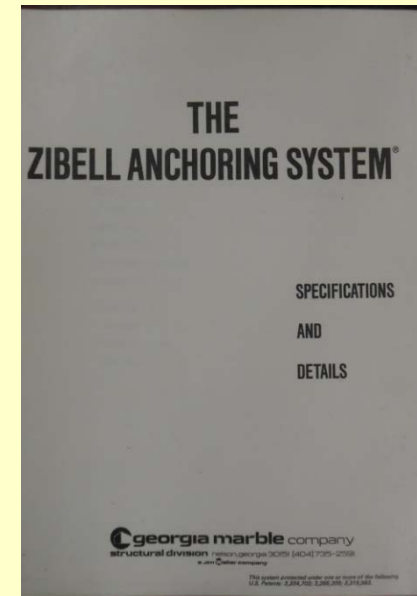
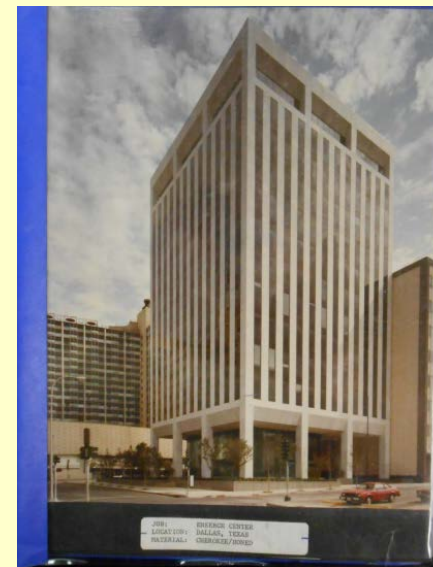
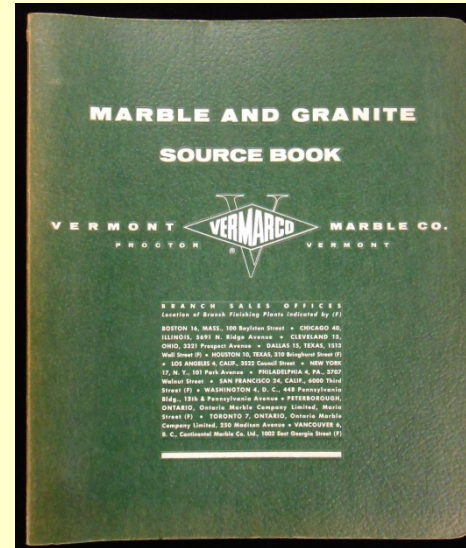
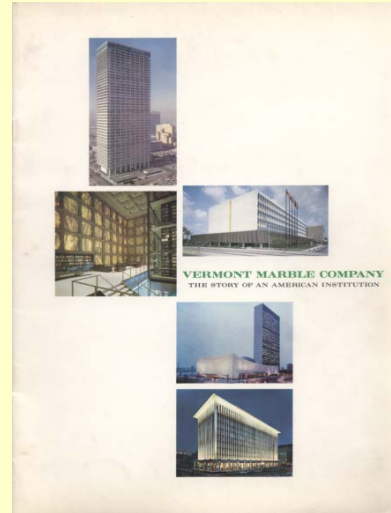
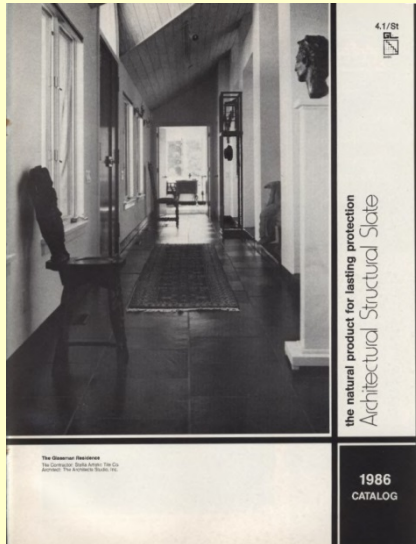
SAMPLES ON REQUEST



MARBLE for Beauty • Durability • Economy



3. Sales Brochures



Records of buildings and the stone used

JOB: MUNICIPAL BUILDING
LOCATION: PORT HURON, MICHIGAN
MATERIAL: CHEROKEE/TEXTURED



JOB: Municipal Building
LOCATION: Port Huron, MI
MATERIAL: Cherokee/Textured

JOB: SOUTHWESTERN BELL
LOCATION: SAN ANTONIO, TEXAS
MATERIAL: CHEROKEE/FINE ABRASIVE



Historic Pictures

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 engine trucks and trailers greatly improved hauling efficiency.



2.



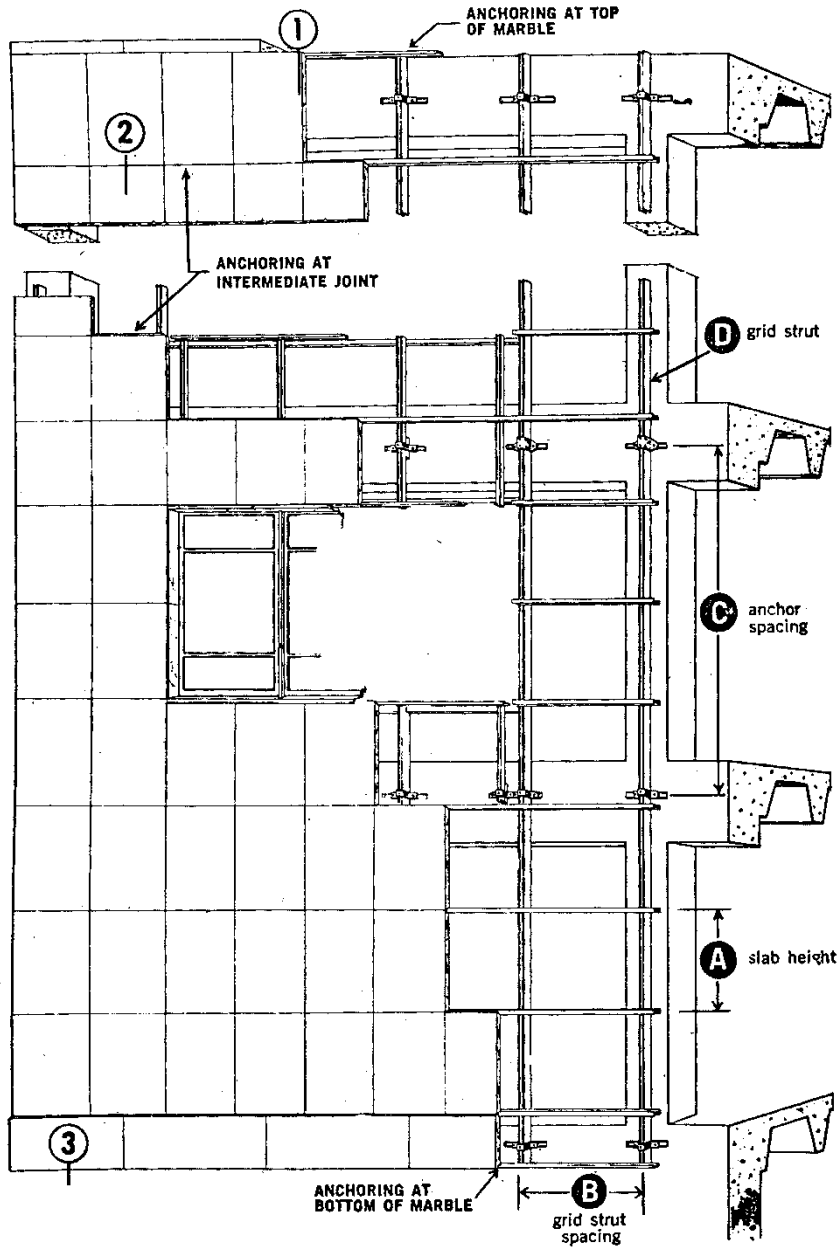
3.



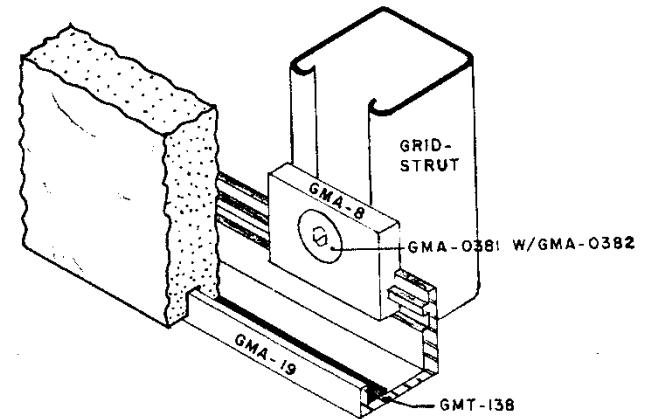
Methods



5.

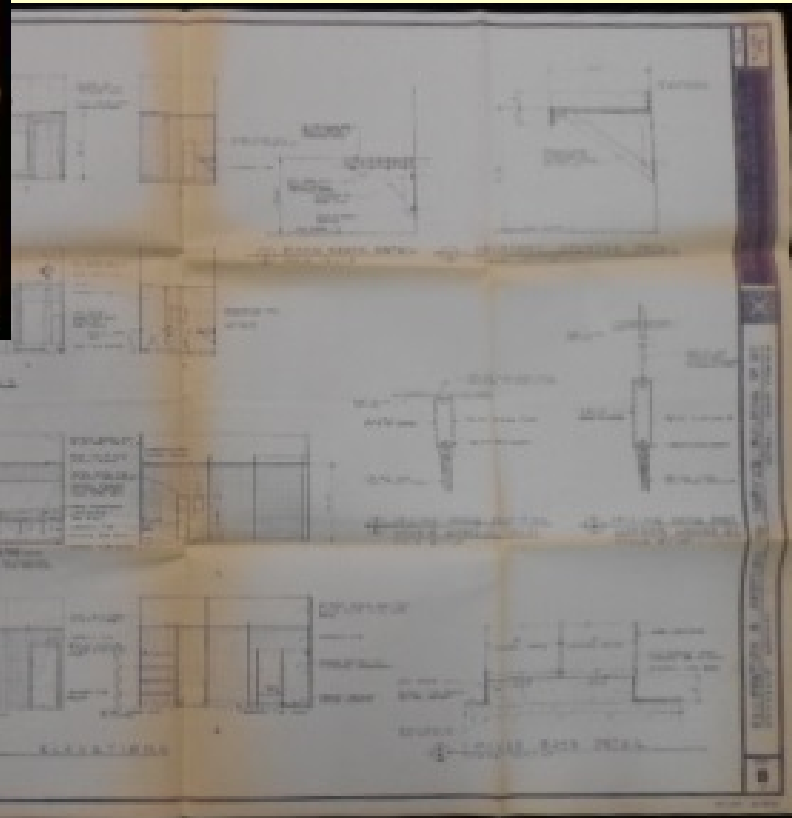
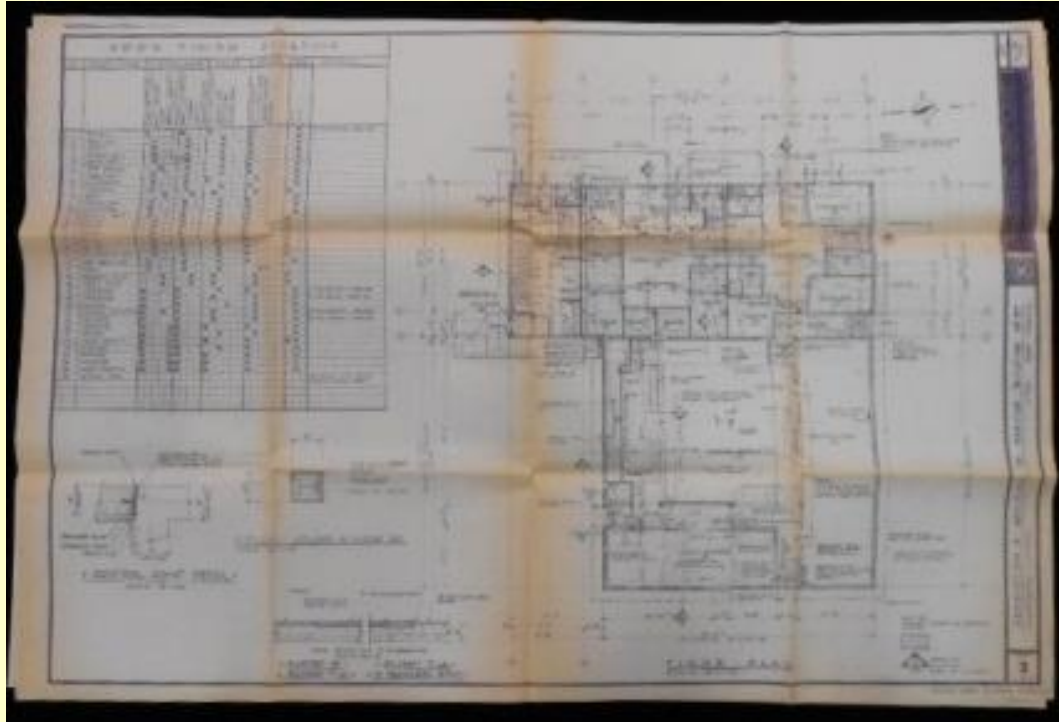


Installation methods



BED JOINT ANCHORING

4. Blueprints



5. Sales Records



**18 banker boxes
containing twenty
years (1967 to 1987)
of records**

Invoices and Correspondences

Georgia Marble Company
THE INNOVATORS
IN STONE PRODUCTS

SEND PAYMENT TO:
P. O. BOX 5129
Atlanta, Georgia 30302

CUST. NO. 01030 S.I.C. G AREA 34 3434 CUST. ORDER NO. 131 CUST. ORDER DATE 4-16-72 DATE ENTERED 4-16-72 DATE SHIPPED 5-17-72 INVOICE DATE 5-17-72 INVOICE NUMBER A3067

SHIP TO
Ardit Mosaic Tile & Marble Co.
1110 Chambers Road
Columbus, Ohio

SOLD TO
Albermar Associates, Inc.
Hanna Building
Cleveland, Ohio 44115

MAY 23 1972

ALBERENE STONE
A DIVISION OF
THE GEORGIA MARBLE COMPANY
SCHUYLER, VIRGINIA

REFER TO THIS NUMBER
IN ANY CORRESPONDENCE.

TERMS NET 30 DAYS SHIPPING LIST OUR PRODUCTION NO. 72-0328

SHIP VIA Smith Transfer CAR NUMBER F.O.B. OUR PLANT UNLESS SHOWN PP. COLLECT C.I. TOTAL WEIGHT \$ 1426

P.C.	PLANT	B-K	QTY. SHIPPED	DESCRIPTION	PRICE	AMOUNT
040	1		68.00	Alberene Stone per order	✓	277.00

Pay 6/17/72 B OK 4-132-6/10/72-277 or 34-000

WE CAREFULLY CRATE OUR PRODUCT AND SHIP ON CLEAN BILL OF LADING. RESPONSIBILITY THEN LIES BETWEEN TRANSPORTATION COMPANY AND CONSIGNEE.

SELLER WARRANTS THAT ALL GOODS COVERED BY THIS INVOICE WERE PRODUCED IN COMPLIANCE WITH THE REQUIREMENTS OF THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED.

A SUBSIDIARY OF JIM WALTER CORPORATION

ORIGINAL INVOICE



CARTHAGE MARBLE CORPORATION

INTER-OFFICE MEMO

APR 27 1972

FROM: Harry Laney

DATE April 25, 1972

TO: Albermar Associates
Cleveland, Ohio

☐ REPLY REQUESTED

☐ NO REPLY NECESSARY

SUBJECT: Wilson's Tile Company
Goodyear Tire & Rubber Company
Akron, Ohio
Our Job No. 72-4813

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
Harry Laney

HL:brs

Monsanto Co.
Nitro, W. Virginia

Candoro Marble Co.
Knoxville, Tennessee

Locker Room

Sterling Gray Marble
Knoxville, Tennessee

Mal Lethco - Your price 11/27-Sterling Gray- f.o.b. \$2701.00
Plus 5% on Hardware 29.00
\$2730.00
Add'l 5% Albermar 136.00
\$2866.00
Craig Pink/Ant.Walnut-f.o.b. \$2621.00
Plus 5% on Hardware 29.00
\$2650.00
Add'l 5% Albermar 132.00
\$2782.00

November 28, 1978

Charleston Tile & Marble Works, Inc.
P.O. Box 5296
524 Elizabeth Street
Charleston, W. Va. 25311

Re: Renovation and Addition to
Service Building No. 57
Monsanto Co., Nitro, W. Va.
Architect: Wilson-Goff

Attention: Mr. Jack F. Alessandrini

Gentlemen:

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 \$2,866.00 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,

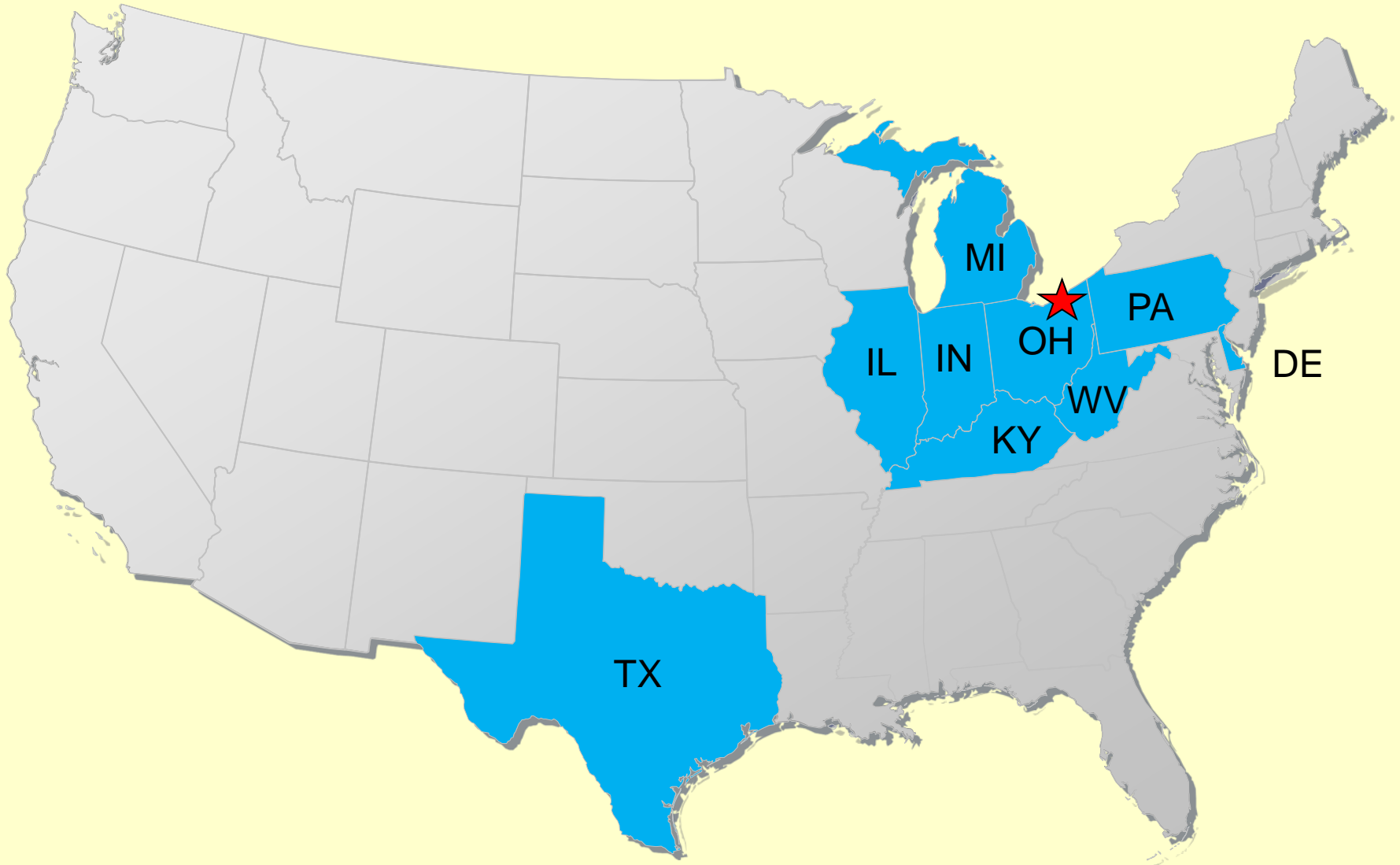
ALBERMAR ASSOCIATES

R. E. Wellington

REW:lg
cc - Candoro

*See 11/28/78
lost*

Account Locations

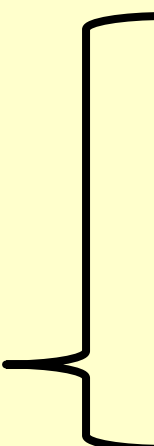


Account Types

- 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**



**Goodyear
Akron, OH**

www.goodyear.com

http://en.wikipedia.org/wiki/Downtown_Cincinnati



**Procter & Gamble
Cincinnati, OH**

Other Similar Collections



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



Oxford University Museum of Natural History

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**

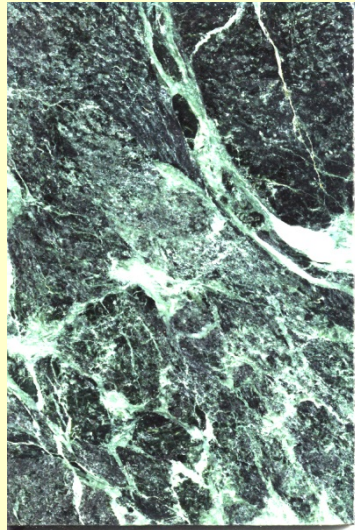
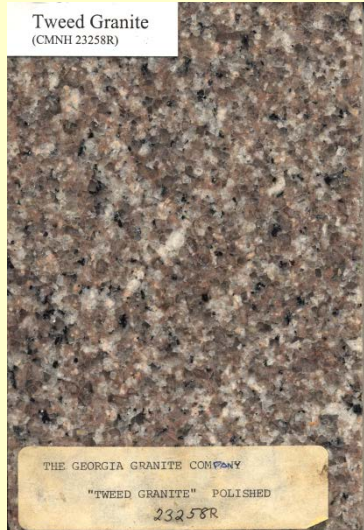


at
the Cleveland Museum
of Natural History



All samples are imaged

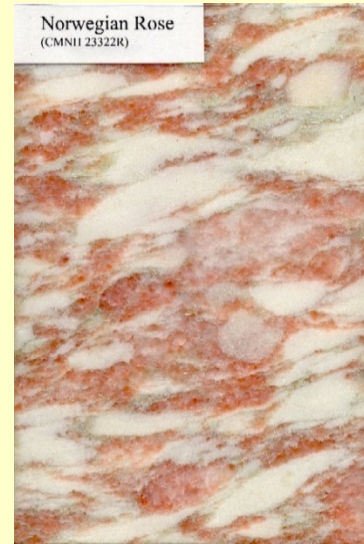
Tweed Granite
(CMNH 23258R)



Breche D'Alep
(CMNH 23623R)



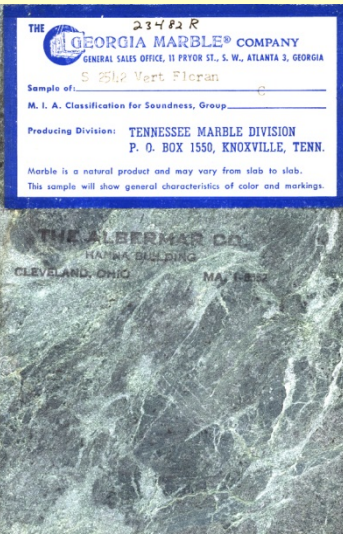
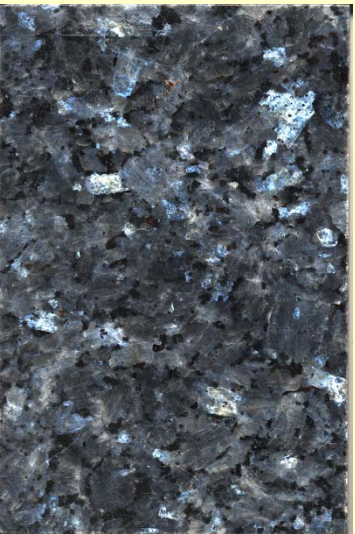
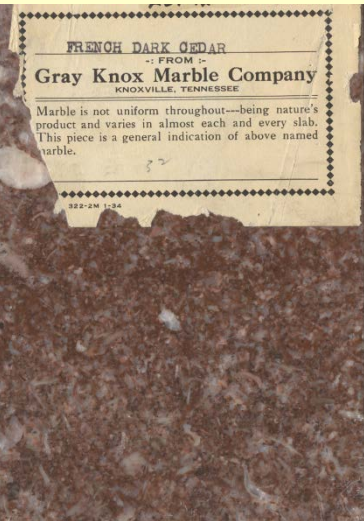
Norwegian Rose
(CMNH 23322R)



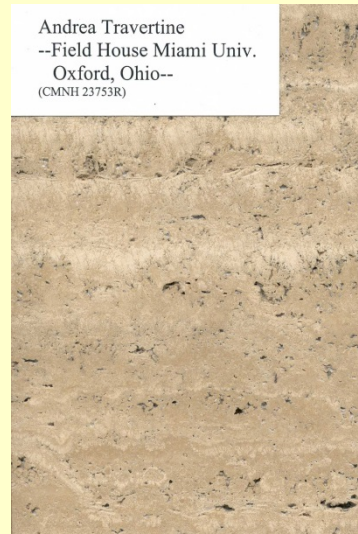
FRENCH DARK CEDAR
FROM
Gray Knox Marble Company
KNOXVILLE, TENNESSEE

Marble is not uniform throughout--being nature's product and varies in almost each and every slab. This piece is a general indication of above named marble.

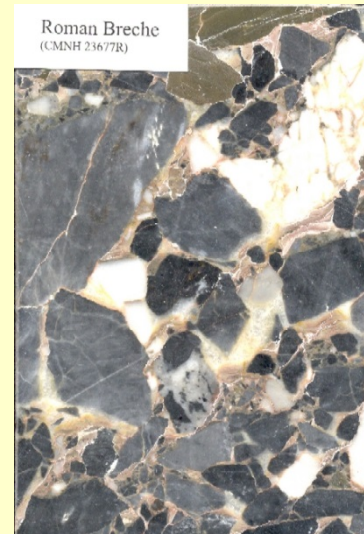
222-2M 1-34



Andrea Travertine
--Field House Miami Univ.
Oxford, Ohio--
(CMNH 23753R)



Roman Breche
(CMNH 23677R)

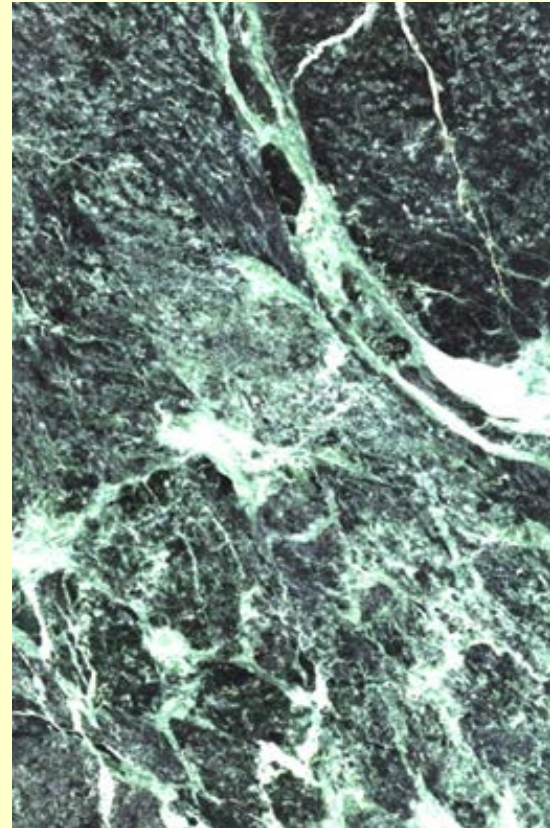
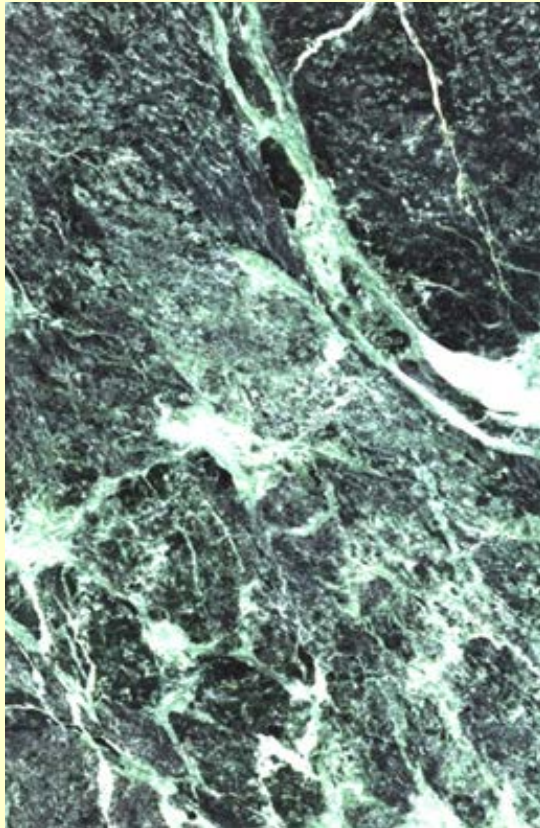


Database includes both trade and geologic names

e.g. Marble Verde

=

Serpentine



Document
sorting
and scanning
is still in
progress.

Georgia Marble Company

SEND PAYMENT TO:
P.O. BOX 5129
Atlanta, Georgia 30302

DATE: 01030 9 34 34 131 16-72 5-17-72 A3067

SHIP TO:
Ardit Mosaic Tile & Marble Co.
1110 Chambers Road
Columbus, Ohio

SHIP TO THIS NUMBER
IN ANY CORRESPONDENCE.

ALBERENE STONE
A DIVISION OF
THE GEORGIA MARBLE COMPANY
SCHUYLER, VIRGINIA

SHIP VIA: Smith Transfer

ITEM NUMBER: 230

PRICE: 277.00

AMOUNT: 277.00

DESCRIPTION: Alberene Stone per order

34-000

34-000

ORIGINAL INVOICE



END

