

# natural stone

CATALOG V3



 **manthei**  
supply



# natural stone

## CATALOG V3

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### CHARLEVOIX LOCATION

16188 Heise Rd  
Charlevoix, MI 49720

### TRAVERSE CITY LOCATION

1423 Sawyer Rd  
Traverse City, MI 49685

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231-547-6595  
[sales@mantheisupply.com](mailto:sales@mantheisupply.com)

two locations,  
**endless options**

FULLY STOCKED YARDS  
DESIGN CENTER  
EXPERIENCED TEAM  
NATURAL STONE  
HIGH FORMAT®  
UNILOCK®  
MULCH, GRAVEL & MORE!



# working with us

## WHAT WE CAN DO FOR YOU

Manthei Supply's two full-service locations offer a wide range of resources to help you design the perfect landscape project. We proudly serve homeowners, landscape architects, contractors, excavators, masons and builders. Our large indoor and outdoor displays allow you to browse, feel and experience our selection of natural stone and manufactured hardscape materials. Our knowledgeable staff is here to answer questions about colors, shapes and textures, and to help you find and reserve the ideal materials for your outdoor space.

## OUR PARTNERSHIPS - YOUR BENEFIT

We are committed to providing the highest-quality natural stone available. Through strategic partnerships with leading quarries across the United States and around the world, we source beautiful, durable stone for all types of landscapes. Whenever possible, we visit these quarries in person to select premium materials for walls, steps and patios. Many of our products are co-developed with our quarry partners and offered exclusively through Manthei Supply, giving you access to materials with tighter control over dimensions, strength, absorption and textures.

## BETTER TOGETHER

Manthei Supply is part of the Manthei Group, a third-generation family business with deep Northern Michigan roots. Our group brings decades of expertise to the landscape industry, including more than 25 years of global manufacturing and sales of retaining walls, steps and patio slabs, along with local production of sand and aggregates. We're honored to serve Northern Michigan and look forward to supporting your projects for years to come.





# INSPIRATION

**BAYPORT SAWN WALL, Bedface Limestone**  
**BAYPORT DIMENSIONAL STEP, Snapped Limestone**









# INSPIRATION

**LARAMIE BROWN LEDGESTONE**, Linear Sandstone

**LARAMIE BROWN LAYDOWN FLAGSTONE**, Natural Cleft Sandstone





**LARAMIE BROWN SELECT IRREGULAR STEP, Natural Cleft Sandstone**





# INSPIRATION

**FULL COLOR BLUESTONE SAWN WALL, Snapped Sandstone  
PEWTER PATTERN PAVER, Tumbled Natural Cleft Sandstone**





**PEWTER DIMENSIONAL STEP, Natural Cleft Top and Rockfaced Side Sandstone**





# INSPIRATION

**FOSSIL FRENCH PATTERN PAVER**, Antiqued Travertine  
**NORTHPORT IRREGULAR STEP**, Natural Cleft Limestone  
**ARCADIA SAWN WALL**, Snapped Limestone





**IRONTON GRAY OUTCROPPING, Irregular Limestone**





# INSPIRATION

**AZURE FRENCH PATTERN PAVER**, Antiqued Marble  
**AZURE EASED EDGE COPING**, Sandblasted & Antiqued Marble  
**SILVERDALE LEDGESTONE**, Building Stone Veneer









# INSPIRATION

**FULL COLOR BLUESTONE SAWN WALL, Snapped Sandstone  
LARAMIE GRAY TUMBLED EDGING, Linear Limestone**





**FULL COLOR BLUESTONE PATTERN PAVER, Thermal Sandstone**





# INSPIRATION

**LARAMIE BROWN LEDGESTONE**, Linear Sandstone





**BASALT ROCKFACED COPING**, Thermal Top  
**BASALT DIMENSIONAL STEP**, Thermal Top and Rockfaced Side  
**FOSSIL FRENCH PATTERN PAVER**, Antiqued Travertine  
**HURON GRAY SAWN WALL**, Snapped Limestone





# INSPIRATION

**NORTHPORT OUTCROPPING**, Irregular Limestone





**BAYPORT MILLED GUILLOTINED WALL, Snapped Limestone**





# INSPIRATION

**DEVON FRENCH PATTERN PAVER, Antiqued Travertine**





**FOND DU LAC FLAGSTONE, Natural Cleft Limestone**  
**NORTHPORT IRREGULAR STEP, Natural Cleft Limestone**





# INSPIRATION

**PEWTER PATTERN PAVER**, Tumbled Natural Cleft Sandstone





**HURON GRAY GUILLOTINED WALL, Snapped Limestone  
FULL COLOR BLUESTONE FLAGSTONE, Natural Cleft Sandstone**





# INSPIRATION

**GLACIER FRENCH PATTERN PAVER, Sandblasted Marble**  
**GLACIER EASED EDGE COPING, Sandblasted Marble**









# INSPIRATION

**FOSSIL FRENCH PATTERN PAVER**, Antiqued Travertine  
**HURON GRAY SAWN WALL**, Snapped Limestone





**BASALT DIMENSIONAL STEP, Thermal Top and Rockfaced Side**  
**BASALT ROCKFACED COPING, Thermal Top**  
**BLACK DECORATIVE PEBBLES**





## TOP PICKS

This catalog shows a small sampling of what we have to offer. Please inquire for additional options.

# VENEER | BUILDING STONE

SILVERDALE, LEDGESTONE COLLECTION, Building Stone Veneer





## BUILDING STONE VENEER



**Aspen SM** | Crestdale Collection  
Chopped  
Course Heights: 2"-6"  
Product Percentage: 100% Seamface



**Silverdale** | Ledgerstone Collection  
Chopped Ledgerstone  
Course Heights: 1.5"-6"  
Product Percentage: 80% Splitface / 20% Seamface



**Concord M** | Aurora Collection  
Mosaic  
Course Heights: Face size is ¼ sq ft to 2 sq ft  
Product Percentage: 90% Splitface / 10% Bedface



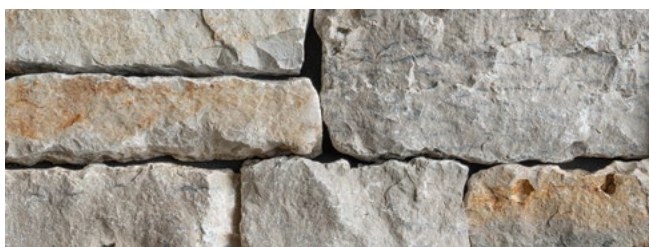
**Bluebell SF** | Crestdale Collection  
Chopped  
Course Heights: 2"-4" or 4"-7" Rubble  
Product Percentage: 100% Splitface



**Prescott** | Brookline Collection  
Sawn  
Course Heights: 4", 6", 8"  
Product Percentage: 100% Bedface



**Cheyenne** | Highland Collection  
Chopped  
Course Heights: 4"-8"  
Product Percentage: 100% Bedface



**Leland SM Blend Tumbled** | Springfield Collection  
Chopped  
Course Heights: 3"-6"  
Product Percentage: 75% Splitface / 25% Seamface



**Mapleton** | Avalon Collection  
Sawn  
Course Heights: 4", 6", 8"  
Product Percentage: 80% Splitface / 20% Bedface



## TOP PICKS

This catalog shows a small sampling of what we have to offer. Please inquire for additional options.

# SLABS | PAVERS

**FOSSIL FRENCH PATTERN PAVER, Antiqued Travertine**





## SQUARES & RECTANGLES



**Silverek** | French Pattern Paver  
Antiqued Travertine  
1.25" nominal thickness with tight joints  
176 s.f. / crate



**Fossil** | French Pattern Paver  
Antiqued Travertine  
1.25" nominal thickness with tight joints  
176 s.f. / crate  
Special order, call for availability



**Sterling** | French Pattern Paver  
Antiqued Travertine  
1.25" nominal thickness with tight joints  
176 s.f. / crate  
Special order, call for availability



**Sahara** | French Pattern Paver  
Antiqued Travertine  
1.25" nominal thickness with tight joints  
176 s.f. / crate  
Special order, call for availability



**Champagne** | French Pattern Paver  
Antiqued Travertine  
1.25" nominal thickness with tight joints  
176 s.f. / crate



**Devon** | French Pattern Paver  
Antiqued Travertine  
1.25" nominal thickness with tight joints  
176 s.f. / crate



**Azure** | French Pattern Paver  
Antiqued Marble  
1.25" nominal thickness with tight joints  
176 s.f. / crate



**Glacier** | French Pattern Paver  
Antiqued Marble  
1.25" nominal thickness with tight joints  
176 s.f. / crate



## SQUARES & RECTANGLES



**Onyx** | Pattern Paver  
Tumbled Thermal Granite  
1"± thickness with tight joints  
165 s.f. / pallet



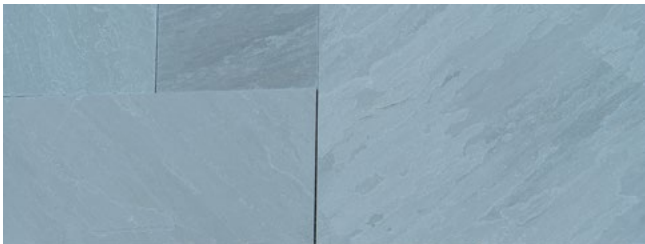
**Basalt** | Pattern Paver  
Tumbled Thermal Basalt  
1"± thickness with tight joints  
165 s.f. / pallet



**Huron Gray** | Pattern Paver  
Flamed Limestone  
1.25"± thickness (nominal dimensions)  
100 s.f. / pallet



**Cedar Blend** | Pattern Paver  
Tumbled Natural Cleft Limestone  
1"± thickness with tight joints  
165 s.f. / pallet



**Pewter** | Pattern Paver  
Tumbled Natural Cleft Sandstone  
1"± thickness with tight joints  
165 s.f. / pallet



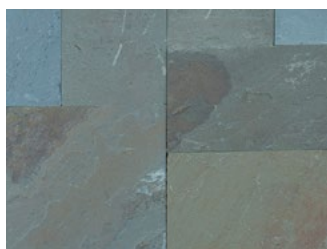
**Pewter** | Pattern Paver  
Tumbled Sandblasted Sandstone  
1"± thickness with tight joints  
165 s.f. / pallet



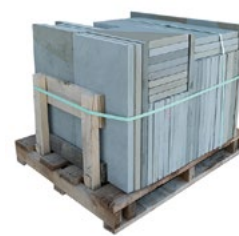
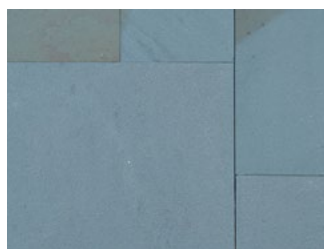
**Bellaire Blue** | Pattern Paver  
Tumbled Natural Cleft Limestone  
1"± thickness with tight joints  
165 s.f. / pallet



## SQUARES & RECTANGLES



**Full Color Bluestone** | Pattern Paver  
Natural Cleft Sandstone  
1.5"± thickness (nominal dimensions)  
200 s.f. / pallet



**Full Color Bluestone** | Pattern Paver  
Thermal Sandstone  
1.5"± thickness (nominal dimensions)  
200 s.f. / pallet



**Select Bluestone** | Pattern Paver  
Natural Cleft Sandstone  
1.5"± thickness (nominal dimensions)  
200 s.f. / pallet



**Select Bluestone** | Pattern Paver  
Thermal Sandstone  
1.5"± thickness (nominal dimensions)  
200 s.f. / pallet

## LAYDOWN FLAGSTONE

Note: Coverage is an estimate and will vary by density and thickness.



**Laramie Gray Select** | Laydown Flagstone  
Natural Cleft Sandstone  
Irregular, 1"-2"± thickness  
100 s.f. / ton (approximate coverage)  
Sold by the ton  
Also available in 2"-3" and 3"-4"



**Laramie Brown** | Laydown Flagstone  
Natural Cleft Sandstone  
Irregular, 2"-3"± thickness  
65 s.f. / ton (approximate coverage)  
Sold by the ton

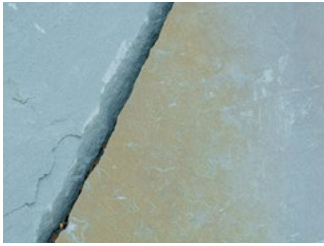


**Fond Du Lac Select** | Large Laydown Flagstone  
Natural Cleft Limestone  
Irregular, 1.25"-2"± thickness  
95 s.f. / ton (approximate coverage)  
Sold by the ton  
Also available in 2"-2½" thickness



## STANDUP FLAGSTONE

Note: Coverage is an estimate and will vary by density and thickness



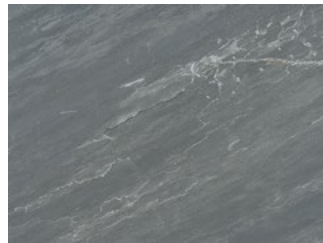
**Full Color Bluestone** | Standup Flagstone  
Natural Cleft Sandstone  
Irregular, 1.5"± thickness  
100 s.f. / ton (approximate coverage)  
Sold by the ton



**Full Color Bluestone** | Standup Flagstone  
Thermal Sandstone  
Irregular, 1.5"± thickness  
100 s.f. / ton (approximate coverage)  
Sold by the ton



**Select Bluestone** | Standup Flagstone  
Natural Cleft Sandstone  
Irregular, 1.5"± thickness  
100 s.f. / ton (approximate coverage)  
Sold by the ton



**Laramie Gray Select** | Standup Flagstone  
Natural Cleft Sandstone  
Irregular, 1"-2"± thickness  
100 s.f. / ton (approximate coverage)  
Sold by the ton



**Charcoal** | Standup Flagstone  
Natural Cleft Quartz  
Irregular, 1.5"-2"± thickness  
88 s.f. / ton (approximate coverage)  
Sold by the ton



**Silver** | Standup Flagstone  
Natural Cleft Quartz  
Irregular, 1.5"-2"± thickness  
88 s.f. / ton (approximate coverage)  
Sold by the ton



**Gold** | Standup Flagstone  
Natural Cleft Quartz  
Irregular, 1.5"-2"± thickness  
88 s.f. / ton (approximate coverage)  
Sold by the ton

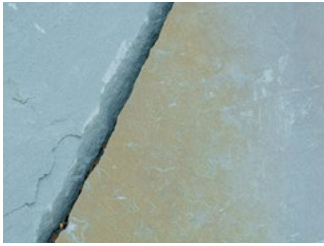


**Desert Gold** | Standup Flagstone  
Natural Cleft Sandstone  
Irregular, 1.5"-2" ± thickness  
88 s.f. / ton (approximate coverage)  
Sold by the ton



## FLAGSTONE STEPPERS

Note: Coverage is an estimate and will vary by density and thickness.



**Full Color Bluestone** | Flagstone Steppers  
Natural Cleft Sandstone  
Irregular, 1.5"± thickness  
100 s.f. / ton (approximate coverage)  
Sold by the ton



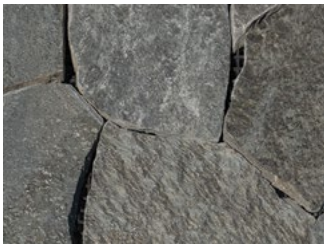
**Fond Du Lac Select** | Flagstone Steppers  
Natural Cleft Limestone  
Irregular, 1"-2"± thickness  
100 s.f. / ton (approximate coverage)  
Sold by the ton



**Laramie Gray Select** | Flagstone Steppers  
Natural Cleft Sandstone  
Irregular, 1"-1.75"± thickness  
100 s.f./ton (approximate coverage)  
Sold by the ton



**Laramie Brown** | Flagstone Steppers  
Natural Cleft Sandstone  
Irregular, 1"-1.75"± thickness  
100 s.f./ton (approximate coverage)  
Sold by the ton



**Charcoal** | Flagstone Steppers  
Natural Cleft Quartz  
Irregular, 1.5"-2"± thickness  
88 s.f. / ton (approximate coverage)  
Sold by the ton



**Silver** | Flagstone Steppers  
Natural Cleft Quartz  
Irregular, 1.5"-2"± thickness  
88 s.f. / ton (approximate coverage)  
Sold by the ton



**Gold** | Flagstone Steppers  
Natural Cleft Quartz  
Irregular, 1.5"-2"± thickness  
88 s.f. / ton (approximate coverage)  
Sold by the ton



**Chilton** | Flagstone Steppers  
Natural Cleft Limestone  
Irregular, 2"-2.5" ± thickness  
70 s.f. / ton (approximate coverage)  
Sold by the ton  
Also available in Standup



## TOP PICKS

This catalog shows a small sampling of what we have to offer. Please inquire for additional options.

# STEPS

## BASALT DIMENSIONAL STEP, Thermal Top and Rockfaced Side





## SAWN DIMENSIONAL STEPS



**Full Color Bluestone Live Edge** | Dimensional Step  
Thermal Top and Two Sides, One Long Live Edge Sandstone  
48" x 18" x 6" 500± lbs/piece  
Call for additional sizes  
Sold by the piece or pallet



**Full Color Bluestone Rockfaced** | Dimensional Step  
Thermal Top and Rockfaced Three Sides Sandstone  
48" x 18" x 6" 500lbs  
60" x 18" x 6" 650lbs  
Call for additional sizes  
Sold by the piece or pallet



**Full Color Bluestone Tumbled** | Dimensional Step  
Tumbled Top and all Sides Sandstone  
48" x 18" x 6" 465lbs  
Call for additional sizes  
Sold by the piece or pallet



**Select Bluestone** | Dimensional Step  
Thermal Top and Three Sides Sandstone  
48" x 18" x 6" 500± lbs/piece  
Call for additional sizes  
Sold by the piece or pallet



**Huron Gray** | Dimensional Step  
Thermal Top, Rockfaced on Three Sides Limestone  
48" x 18" x 6" 500± lbs/piece  
60" x 18" x 6" 625± lbs/piece  
72" x 18" x 6" 750± lbs/piece  
Sold by the piece or pallet



**Pewter** | Dimensional Step  
Natural Cleft Top, Rockfaced on Three Sides Sandstone  
48" x 18" x 6" 504± lbs/piece  
72" x 18" x 6" 756± lbs/piece  
96" x 18" x 6" 1008± lbs/piece  
Sold by the piece or pallet



**Timbersmoke** | Dimensional Step  
Natural Cleft Top, Rockfaced on Three Sides Sandstone  
48" x 18" x 6" 504± lbs/piece  
72" x 18" x 6" 756± lbs/piece  
96" x 18" x 6" 1008± lbs/piece  
Sold by the piece or pallet



**Sandalwood** | Dimensional Step  
Natural Cleft Top, Rockfaced on Three Sides Sandstone  
48" x 18" x 6" 504± lbs/piece  
72" x 18" x 6" 756± lbs/piece  
96" x 18" x 6" 1008± lbs/piece  
Sold by the piece or pallet



## SAWN DIMENSIONAL STEPS



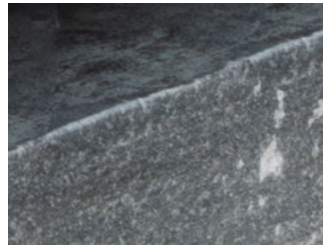
**Hartford** | Dimensional Step  
Bush-hammered Top, Snapped on Four Sides Limestone  
48" x 18" x 6" 465± lbs/piece  
Sold by the piece or pallet



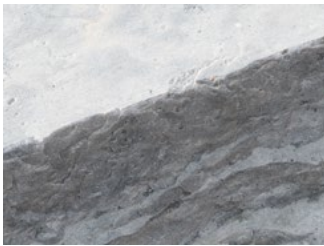
**Ashton** | Dimensional Step  
Bush-hammered Top, Snapped on Four Sides Limestone  
48" x 18" x 6" 465± lbs/piece  
Sold by the piece or pallet



**Graphite** | Dimensional Step  
Textured Top, Rockfaced on Three Sides Granite  
48" x 18" x 7" 625± lbs/piece  
Sold by the piece or pallet  
Special order sizes: 48" x 18" x 6"; 36" x 18" x 7"; 60" x 18" x 7";  
72" x 18" x 7"; and 96" x 18" x 7"



**Graphite Natural** | Dimensional Step  
Textured Top, Natural Edge, Random Granite  
48"-60" x 16"-24", 7" thick weight varies/piece  
60"-72" x 16"-24", 7" thick weight varies/piece  
Sold by the piece or pallet



**Thunder Bay** | Dimensional Step  
Textured Top, Rockfaced on Three Sides Limestone  
48" x 18" x 7" 575± lbs/piece  
Sold by the piece or pallet  
Special order sizes: 48" x 18" x 6"; 36" x 18" x 7"; 60" x 18" x 7";  
72" x 18" x 7"; and 96" x 18" x 7"



**Thunder Bay Weathered** | Dimensional Step  
Textured Top, Weathered Edge, Random Limestone  
48" x 18" x 7" 575± lbs/piece  
Sold by the piece or pallet  
Special order sizes: 48" x 18" x 6"; 36" x 18" x 7"; 60" x 18" x 7";  
72" x 18" x 7"; and 96" x 18" x 7"



**Platinum** | Dimensional Step  
Sawn Top, Snapped on Four Sides Limestone  
48" x 18" x 6" 525± lbs/piece  
60" x 18" x 6" 825± lbs/piece  
Sold by the piece or pallet



**Bayport** | Dimensional Step  
Sawn Top, Snapped on Four Sides Limestone  
48" x 18" x 6" 480± lbs/piece  
Sold by the piece or pallet  
Special order sizes: 36" x 18" x 6"; 60" x 18" x 6"; 72" x 18" x 6"; and  
96" x 18" x 6"



## SAWN DIMENSIONAL STEPS



### Onyx | Dimensional Step

Thermal Top, Snapped on Four Sides Granite

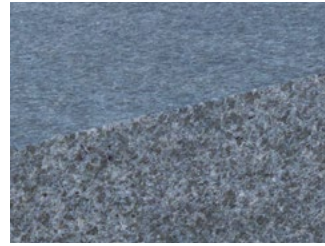
36" x 18" x 6" 405± lbs/piece

48" x 18" x 6" 540± lbs/piece

60" x 18" x 6" 675± lbs/piece

72" x 18" x 6" 810± lbs/piece

Sold by the piece or pallet



### Onyx | Dimensional Step

Thermal Top, One Long Edge and Two Short Sides Granite

36" x 18" x 6" 405± lbs/piece

48" x 18" x 6" 540± lbs/piece

60" x 18" x 6" 675± lbs/piece

Sold by the piece or pallet



### Basalt | Dimensional Step

Thermal Top, Rockfaced on Three Sides Basalt

48" x 18" x 6" 555± lbs/piece

72" x 18" x 6" 830± lbs/piece

96" x 18" x 6" 1,110± lbs/piece

Sold by the piece or pallet

## QUARRY RUN DIMENSIONAL STEPS (VARIED BED LAYER THICKNESS)



### Chilton | Dimensional Step

Natural Cleft Top, Snapped on Four Sides Limestone

36" x 18" x 5-7" 440± lbs/piece

48" x 18" x 5-7" 560± lbs/piece

60" x 18" x 5-7" 650± lbs/piece

Sold by the piece



### Laramie Gray | Dimensional Step

Natural Cleft Top, Snapped on Four Sides Sandstone

36" x 18" x 5-7" 406± lbs/piece

48" x 18" x 5-7" 542± lbs/piece

60" x 18" x 5-7" 650± lbs/piece

72" x 18" x 5-7" 758± lbs/piece

Sold by the piece



### Fond Du Lac Select | Dimensional Step

Natural Cleft Top, Snapped on Four Sides Limestone

48" x 18", 5"-7" thick 500± lbs/piece

Sold by the piece



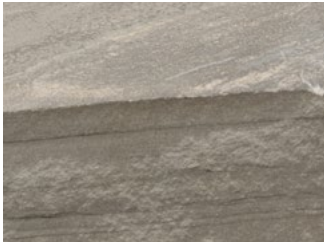
## IRREGULAR STEPS



**Full Color Bluestone** | Irregular Step  
Natural Cleft Sandstone  
4"-8" thick (nominal size)  
Sold by the ton



**Fond Du Lac Select** | Irregular Step  
Natural Cleft Limestone  
5"-7" thick, 2'-5' long (nominal size)  
Sold by the ton



**Laramie Gray Select** | Irregular Step  
Natural Cleft Sandstone  
5"-7" thick (nominal size)  
Sold by the ton



**Laramie Brown Select** | Irregular Step  
Natural Cleft Sandstone  
5"-8" thick (nominal size)  
Sold by the ton



**Chilton** | Irregular Step  
Natural Cleft Limestone  
5"-8" thick (nominal size)  
Sold by the ton



**Huron Gray** | Irregular Step  
Snapped Limestone  
6"± thick sawn heights (nominal size)  
Sold by the ton



**Superior** | Irregular Step  
Natural Cleft Limestone  
4'-5' long, 18"-20" depth, 5"-6" thick (nominal size)  
Sold by the ton



## TOP PICKS

This catalog shows a small sampling of what we have to offer. Please inquire for additional options.

# WALLS

**BAYPORT SAWN WALL, Bedface Limestone**





## SAWN WALLS

Note: Coverage is an estimate and will vary by density and thickness.



**Hartford | 6" Sawn Wall**  
 Snapped Limestone  
 6" high x 8" deep x random lengths  
 18-20 face feet/ton (approximate coverage)  
 Sold by the ton



**Ashton | 6" Sawn Wall**  
 Snapped Limestone  
 6" high x 8" deep x random lengths  
 18-20 face feet/ton (approximate coverage)  
 Sold by the ton



**Huron Gray | 3" Sawn Wall**  
 Snapped Limestone  
 3" high x 8" deep x random lengths 18-20 face feet/ ton (approx.)  
 3" high x 10" deep x random lengths 14-16 face feet/ ton (approx.)  
 Sold by the ton



**Huron Gray | 6" Sawn Wall**  
 Snapped Limestone  
 6" high x 8" deep x random lengths  
 18-20 face feet/ ton (approximate coverage)  
 Sold by the ton



**Huron Gray | 6" Tumbled Sawn Wall**  
 Snapped Limestone  
 6" high x 8" deep x random lengths  
 18-20 face feet/ ton (approximate coverage)  
 Sold by the ton



**Huron Blend | 6" Sawn Wall**  
 Snapped Limestone  
 6" high x 8" deep x random lengths  
 18-20 face feet/ ton (approximate coverage)  
 Sold by the ton



**Full Color Bluestone | 2 1/4"/6" Sawn Wall**  
 Snapped Sandstone  
 2 1/4"/6" high x 8" deep x random lengths  
 18-20 face feet/ ton (approximate coverage)  
 Sold by the ton



**Full Color Bluestone | 6" Sawn Wall**  
 Snapped Sandstone  
 6" high x 8" deep x random lengths  
 18-20 face feet/ ton (approximate coverage)  
 Sold by the ton



## SAWN WALLS

Note: Coverage is an estimate and will vary by density and thickness



**Onyx | 4" Sawn Wall**  
 Snapped Granite  
 4" high x 8" deep x random lengths  
 16-18 face feet/ ton (approximate coverage)  
 Sold by the ton



**Onyx | 6" Sawn Wall**  
 Snapped Granite  
 6" high x 8" deep x random lengths  
 16-18 face feet/ ton (approximate coverage)  
 Sold by the ton



**Platinum | 6" Sawn Wall**  
 Snapped Limestone  
 6" high x 8" deep x random lengths  
 18-20 face feet/ ton (approximate coverage)  
 Sold by the ton

## NATURAL BED WALLS



**Fond Du Lac Silver | 3"-4" Wall**  
 Natural Cleft Top, Snapped Limestone  
 3"-4" high x 8" deep x random lengths  
 18-20 face feet/ ton (approximate coverage)  
 Sold by the ton



**Chilton | 3"-4" Wall**  
 Natural Cleft Top, Snapped Limestone  
 3"-4" high x 8" deep x random lengths  
 18-20 face feet/ ton (approximate coverage)  
 Sold by the ton

## LEDGE WALLS



**Laramie Gray | Ledge Wall**  
 Linear Sandstone  
 9" high x 12"-18" deep x 3'-7' long  
 8-12 face feet/ ton (approximate coverage)  
 Also available in 14"-15" high  
 Sold by the ton



**Laramie Brown | Ledge Wall**  
 Linear Sandstone  
 9" high x 12"-18" deep x 3'-7' long  
 8-12 face feet/ ton (approximate coverage)  
 Also available in 14"-15" high  
 Sold by the ton

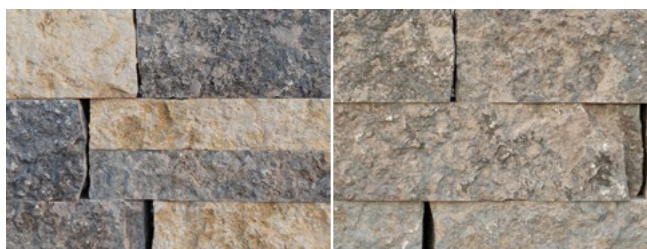


## LARGE SAWN WALLS

Note: Coverage is an estimate and will vary by density and thickness.



**Bayport | Sawn Wall**  
Bedface Limestone  
Available in 6", 12" or 24" high  
13"-14" deep x 3'-8" long  
7.5 face feet/ ton (approximate coverage)  
Sold by the ton



**Huron Gray | Sawn Wall**  
Bedface Limestone  
Available in 6", 12" or 24" high  
10"-12" deep x 3'-8" long  
12 face feet/ ton (approximate coverage)  
Sold by the ton  
(Note: color based on orientation of stone)



**Graphite | Sawn Wall**  
Bedface Granite  
Available in 6" and 12"  
10"-13"± deep x 3'-8" long  
10-13 face feet/ ton (approximate coverage)  
Sold by the ton



**Thunder Bay | Sawn Wall**  
Bedface Limestone  
Available in 6" and 12"  
10"-13"± deep x 3'-8" long  
10-13 face feet/ ton (approximate coverage)  
Sold by the ton

## GUILLOTINED WALLS



**Bayport | 14" Guillotined Wall**  
Snapped Limestone  
14"± milled thickness, 18"-24" deep, 3'-8" long  
6-8 face feet/ ton (approximate coverage)  
Sold by the ton



**Superior | 10"-12" Guillotined Wall**  
Snapped Limestone  
10"-12" thick, 12" deep, 3'-5" long  
12 face feet/ ton (approximate coverage)  
Sold by the ton



**Huron Gray | 10"-12" Guillotined Wall**  
Snapped Limestone  
10"-12" thick, 12" deep, 3'-5" long  
12 face feet/ ton (approximate coverage)  
Sold by the ton



**Ironton Gray | Guillotined Wall**  
Snapped Limestone  
Available in 11"-12", 13"-14", 15"-16", or 17"-18" thick (approximate)  
16"± deep, 3'-5" long  
9 face feet/ ton (approximate coverage, depends on size)  
Sold by the ton



## OUTCROPPING WALLS

Note: Coverage is an estimate and will vary by density and thickness



### Fond Du Lac Silver | Outcropping

Irregular Limestone

Available in 5"-8" high or 8"-12" high (approximate)

4-6 face feet/ ton (approximate coverage)

Sold by the ton



### Chilton | Outcropping

Irregular, Weather Edge Limestone

Available in 5"-8" high or 8"-12" high (approximate)

4-6 face feet/ ton (approximate coverage)

Sold by the ton



### Superior | Outcropping

Irregular Limestone

Available in 10"-12", 15"-16" or 18"-20" high (approximate)

4-6 face feet/ ton (approximate coverage)

Sold by the ton



### Huron Gray | Outcropping

Irregular Limestone

Available in 10", 12" or 16" high (approximate)

4-6 face feet/ ton (approximate coverage)

Sold by the ton



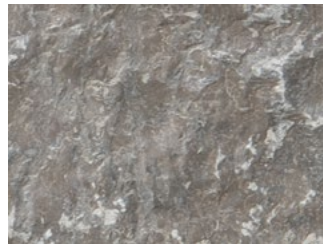
### Ironton Gray | Outcropping

Irregular Limestone

Available in 9"-10", 11"-12", 13"-14", 15"-16", 17"-18" or 21"-22" high (approximate)

4-6 face feet/ ton (approximate coverage)

Sold by the ton



### Ironton Gray | 2 Man Outcropping

Irregular Limestone

Available in 11"-12", 13"-14", 15"-16", 17"-18" high (approximate)

9 face feet/ ton (approximate coverage, depends on size)

Sold by the ton



## COPING & TREADS



**Onyx | Eased Edge Coping**  
Thermal Top, Eased Edge on Two Sides Tumbled Granite  
12" x 24" x 2"



**Onyx | Rockfaced Coping**  
Thermal Top, Rockfaced on Two Sides Tumbled Granite  
12" x 24" x 2"



**Basalt | Eased Edge Coping**  
Thermal Top, Eased Edge on Two Sides Tumbled Basalt  
12" x 24" x 2"



**Basalt | Rockfaced Coping**  
Thermal Top, Rockfaced on Two Sides Tumbled Basalt  
12" x 24" x 2"



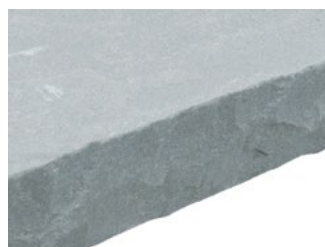
**Basalt | Rockfaced Coping**  
Thermal Top, Rockfaced on Two Sides Basalt  
12" x 48" x 2"  
12" x 72" x 2"



**Pewter | Eased Edge Coping**  
Natural Cleft Top, Eased Edge on Two Sides Tumbled Sandstone  
12" x 24" x 2"



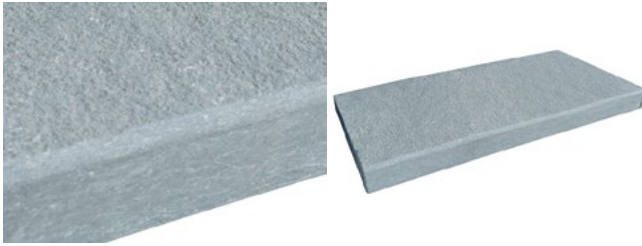
**Pewter | Rockfaced Coping**  
Natural Cleft Top, Rockfaced on Two Sides Tumbled Sandstone  
12" x 24" x 2"



**Pewter | Rockfaced Coping**  
Natural Cleft Top, Rockfaced on Two Sides Sandstone  
12" x 48" x 2"  
12" x 72" x 2"



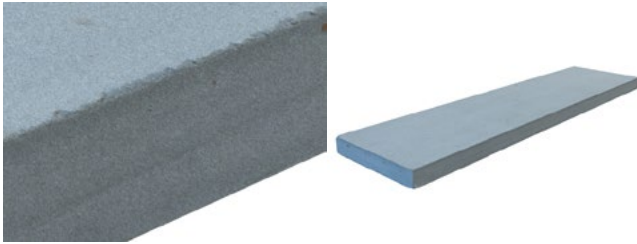
## COPING & TREADS



**Bellaire Blue | Eased Edge Coping**  
Natural Cleft Top, Eased Edge on Two Sides Tumbled Limestone  
12" x 24" x 2"



**Bellaire Blue | Rockfaced Coping**  
Natural Cleft Top, Rockfaced on Two Sides Tumbled Limestone  
12" x 24" x 2"



**Select Bluestone | Eased Edge Coping**  
Thermal Top and One Long Sides Sandstone  
48" x 12" x 2"

## EDGING / COBBLES



**Superior | Edging**  
Linear Limestone  
4" x 4" x random  
100 linear feet/ ton (approximate coverage)



**Laramie Brown | Tumbled Edging**  
Linear Sandstone  
4" x 4" x 10"  
4" x 4" x random  
100 linear feet/ ton (approximate coverage)



**Laramie Gray | Tumbled Edging**  
Linear Sandstone  
4" x 4" x 10"  
4" x 4" x random  
100 linear feet/ ton (approximate coverage)



**Full Color Bluestone | Tumbled Cobbles**  
Linear Sandstone  
5" x 5" x 12"  
5" x 5" x random  
27 sf/ ton (approximate coverage)





## STEPPING STONES



**Basalt** | Stepping Stones  
Thermal Basalt  
Irregular  
Random sizes, 1.25"± thick  
Sold by the piece



**Sandalwood** | Stepping Stones  
Natural Cleft Sandstone  
Irregular  
Random shapes approx 24" x 18", 1.25"± thick  
Sold by the piece



**Smoke** | Stepping Stones  
Natural Cleft Sandstone  
Irregular  
Random shapes approx 24" x 18", 1.25"± thick  
Sold by the piece



**Pewter** | Stepping Stones  
Natural Cleft Sandstone  
Irregular  
Random shapes approx 24" x 18", 1.25"± thick  
Sold by the piece

## DECORATIVE STONE



**Verde** | Decorative Stone  
7/8"-1 1/2" (approximate dimensions)  
Super Sack



**Midnight Slate** | Decorative Stone  
L-5 Slate 3/4"-1 1/2"  
L-57 Slate 1/2"-1"  
L-8 Slate 3/16"-1/2"  
L-9 Slate 1/8"-3/8"  
Slate Sand 1/8" and Smaller  
Super Sack



**White** | Decorative Pebbles  
1"-3" (approximate dimensions)  
30 lb bag



**Black** | Decorative Pebbles  
1"-3" (approximate dimensions)  
30 lb bag



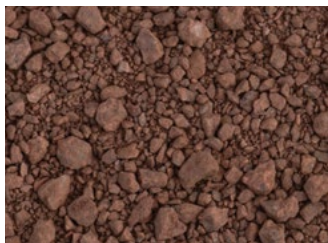
## DECORATIVE STONE



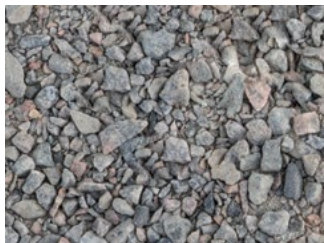
**Terracotta** | Decorative Stone  
3/8"± (approximate dimensions)  
Sold by the ton



**Desert** | Decorative Stone  
3/8"± (approximate dimensions)  
Sold by the ton



**Mesa** | Decorative Stone  
3/8"± (approximate dimensions)  
Sold by the ton

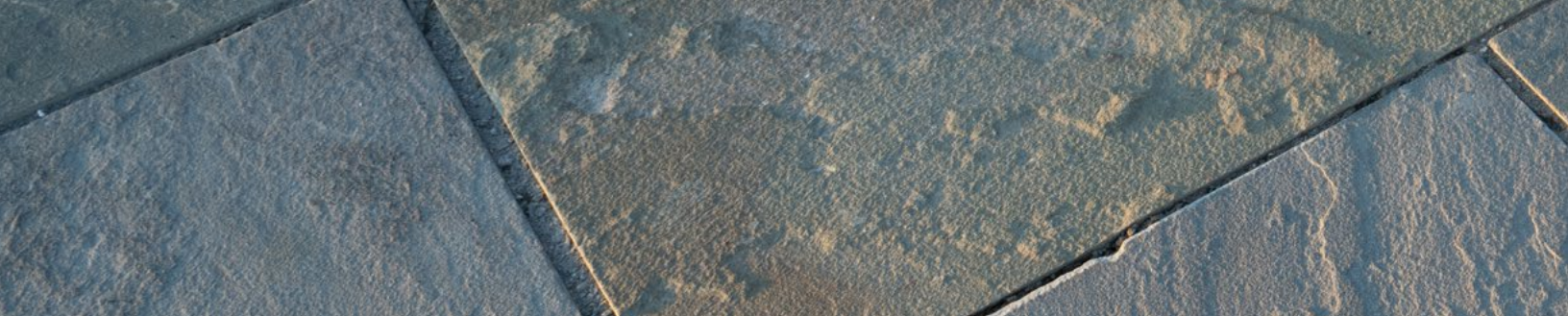


**Ash** | Decorative Stone  
3/8"± (approximate dimensions)  
Sold by the ton



**Steel** | Decorative Stone  
3/8"± (approximate dimensions)  
Sold by the ton





# BENEFITS & CARING FOR NATURAL STONE

## **BENEFITS OF FABRICATED NATURAL STONE**

Our team has worked hard to source some of the most beautiful natural stone in the world. The fabricators we have partnered with select dense blocks of stone, saw them to thickness, chop or cut them to size and apply a surface or edge texture if needed. Fabricated stone has tighter tolerances and dimensions, custom surface and edge finishes, less waste and is typically easier to install. Please keep in mind that slight thickness and dimension variations can occur during the fabrication process and should be expected. Below are a few examples of fabricated products we stock. We look forward to helping you incorporate these beautiful products into your next project!

### **SLABS/PAVERS**

Some pattern pavers are meant to fit tight together eliminating the need for joint sand in most cases. Thinner pavers are easier to lift and carry, making them favorable with installers. Available finishes could include antiqued, sandblasted, thermal or natural cleft. The unique movement and color of each natural stone piece creates a one-of-a-kind project every time.

### **SAWN WALLS**

Sawn heights allow for a clean look and faster installation with less waste. Snapped depths allow for an average coverage of 7.5-20 face feet per ton. These versatile wall options are great for seat walls, small retaining walls, grill islands, fire pits, step risers and more.

### **DIMENSIONAL STEPS**

Sawn 6" heights allow for a consistent rise on your next step project. Available sizes range from 3'-8' long and 18"+ deep. Face textures are available in snapped, rockfaced, thermal and live edge.

### **THERMAL STANDUP FLAGSTONE**

Full Color Bluestone is available in 1.5" or 2" standup flagstone. The consistent thickness makes this much faster to install and the thermal surface is stunning.

### **CAPS AND COPING**

Our fabricated caps and coping are the perfect way to finish your amazing project, and are available in several colors. Edge profiles are available in eased edge, bullnose, splitface and rockfaced. Surface textures are available in antiqued, sandblasted, thermal and natural cleft.

## **CARE & INSTALLATION**

### **PRODUCT VARIATION**

Natural stone is a product of nature. Surface texture and color will vary piece to piece and crate to crate. Our partnering quarries work hard to ship consistent, high quality products, but you should expect variation. Samples are suggested, but will not guarantee color. We highly recommend all material be delivered prior to installation and that available material is blended throughout your project. Each installation will be one-of-a-kind, and will age and weather uniquely over time!

### **NORMAL MAINTENANCE AND CARE**

As with any product that is continually exposed to the natural environment, cleaning and care may be desired over time to maintain the appearance of your hardscapes. Generous rinsing with water and light scrubbing with a stiff, plastic bristle brush is generally the best way to remove dirt that has accumulated over time. Cleaners and mild detergent designed to be used on stone products may be used as well. Always follow all manufacturer instructions and test on a small area when using any cleaner. Power washers may cause damage at close range.

### **WINTER CARE**

All metal snow shovels and snow blower blades have the potential to damage stone surfaces. All snowplows, snow blowers and shovels used to clear products of snow should use plastic blades or guards.

### **POLYMERIC HAZE**

Improper installation of ancillary polymeric sand products may result in the presence of polymeric haze. This discoloration can potentially mute the vibrant colors of products. Hazing is not indicative of the quality of the stone product, and should not be considered a source of concern for the product's durability.

## **MANTHEI SUPPLY RETURN POLICY**

Manthei Supply will only accept returns of unopened, full pallets of HIGH FORMAT® and Unilock® products. With the exclusion of HIGH FORMAT® steps, we will no longer accept returns of partial pallets, layers and sections. All special order sales are final. All natural stone sales are final. Returns must be made within 60 days of pick up / delivery. Your copy of our invoice must accompany all returns. We assess a 10% restocking fee. We reserve the right to refuse any return. There will be no cash refunds.

## **MANTHEI SUPPLY WARRANTY ON MATERIALS**

Material warranty details vary based on the specific product being purchased. Warranty information from each manufacturer can be found on their individual websites. Natural stone products do not include a warranty since they are naturally occurring materials and are therefore sold "as-is".

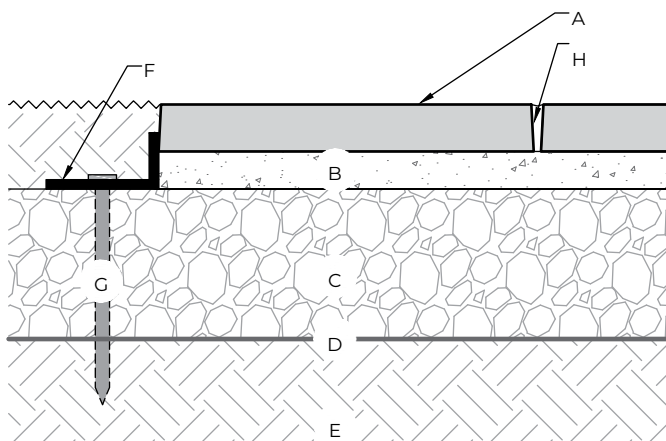


# TYPICAL INSTALLATION DETAILS

This page shows typical installations for pavers and steps.

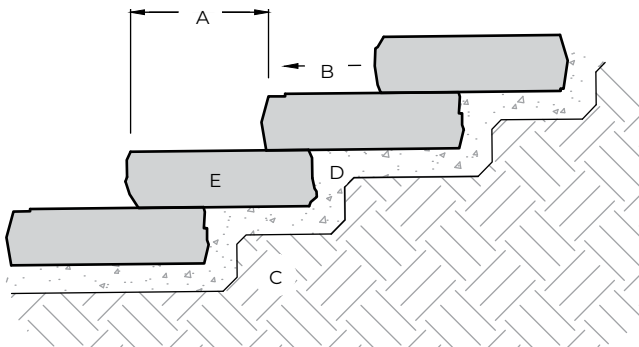
- Drawings are for preliminary reference only (not for final construction).
- Final designs for construction must be prepared by a registered professional engineer using the actual conditions of the proposed site and loads.
- Block size and placement shown are for reference only, individual blocks vary with installation pattern.
- Section shown is the minimum recommendation for pedestrian loading. Projects with heavier traffic or sites with poor soil conditions may require thicker gravel base, concrete curb edge restraint, and/or sand subbase.
- Provide adequate surface drainage to prevent ponded water.

## TYPICAL RESIDENTIAL PEDESTRIAN INSTALLATION



- A. Natural stone pavers, thickness varies
- B. 1" screed clean angular stone, 1/8" to 1/4"
- C. 6" of 3/4" clean stone, compacted in 3-4" lifts
- D. Woven geotextile fabric (recommended)
- E. Compacted subgrade soil
- F. Low profile paver edge restraint
- G. Steel spike
- H. Optional joint sand (ASTM C144)

## TYPICAL STEP INSTALLATION DETAIL



- A. Tread width varies (12" or more is desirable)
- B. Slope 1-2% (to allow drainage)
- C. Compact subbase material to a minimum of 95% max. dry density (or as specified by Engineer)
- D. Free-draining granular material (3" thick minimum compact to a min. of 95% max. dry density)
- E. Step block





**CHARLEVOIX LOCATION**

16188 Heise Rd  
Charlevoix, MI 49720

**TRAVERSE CITY LOCATION**

1423 Sawyer Rd  
Traverse City, MI 49685

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231-547-6595  
sales@mantheisupply.com

**STONE YARD & DESIGN SHOWROOM**  
YOUR SOURCE FOR LANDSCAPE PRODUCTS IN NORTHERN MICHIGAN