

The PAVE TECH EDGE

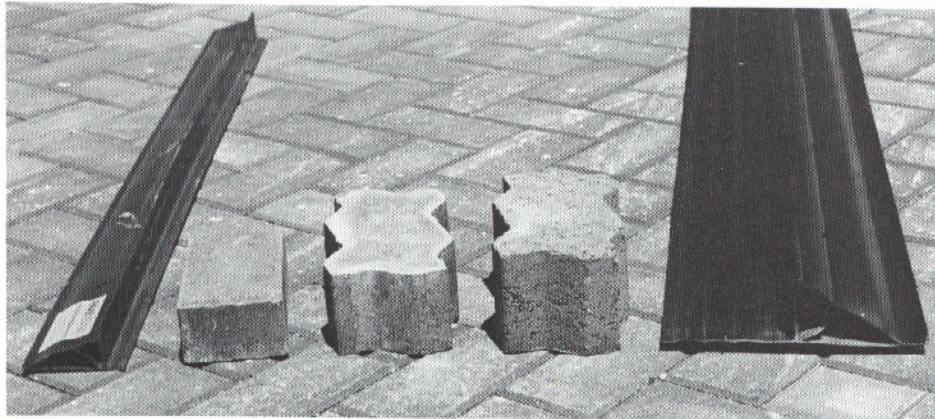
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MEMBER • CONCRETE PAVER INSTITUTE • NATIONAL ASSOCIATION OF BRICK DISTRIBUTORS • BRICK INSTITUTE OF AMERICA • NATIONAL PRECAST CONCRETE ASSOCIATION

PAVE TECHSM Introduces PAVE EDGETM INDUSTRIAL EDGING



PAVE EDGE, 6cm, 8cm, 10cm pavers, PAVE EDGE INDUSTRIAL

PAVE EDGE INDUSTRIAL — PAVE TECH's newest addition to its product line recently had its formal debut. It was installed as part of a mechanical paver installation overlay of the

NCMA/CPI headquarters parking lot and was on the program of NCMA's 20th Annual Federal Officials Seminar.

(Continued on page 6)

Successful Seminars The PAVE TECH/PAVE EDGE Way

PAVE TECH has had a very busy season putting on extensive paver installation training seminars this year. PAVE TECH sponsored over a dozen seminars at paver manufacturers/PAVE TECH distributor locations throughout the country.

As Steve Jones, President of PAVE TECH says, these seminars are exhausting, but very gratifying because contractors, architects, etc. all pitch in, and in the end, everyone learns a great deal with higher quality paver installations being the final result.

One company in particular, Model Stone Company in Minnesota decided that quality installation is the key to long term success as a manufacturer.



Finishing up Ideal Block seminar in Boston.

Gary Reieron, Vice President of Model Stone knew of PAVE TECH's limited staff, and loaned their man that was going to set up their in-house installation crew to assist us, and in the process gain knowledge about installation.

(Continued on page 2)

CANADIAN PATENT ISSUED!!

CANADIAN PATENT #1267554 was issued on April 10, 1990 to PAVE TECH, INC. on PAVE EDGE INDUSTRIAL EDGING and now can provide the legal protection our Distributors in Canada have needed.

PAVE TECH is making substantial investments in advertising and promotion exclusively for Canada. If you have any suggestions, please call us.

Additional Patent Information:

International Patents are being applied for on PAVE EDGE INDUSTRIAL.

CANADIAN CUSTOMERS:

PAVE TECH now has a toll free phone number. Call us anytime for additional information or assistance.

1-800-247-EDGE
(1-800-247-3343)

What Else Is New? Look Inside!

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A Special Thanks to Case and Bobcat Equipment Dealers

PAVE TECH would like to extend a very special thank you to the MELROE COMPANY and J. I. CASE EQUIPMENT for their assistance in the arrangement of equipment from the following dealers who went a step above and beyond the call of duty supplying the necessary equipment needed during our recent paver seminars. Stephen Jones, President of PAVE TECH, INC. highly recommends the use of this equipment for all your paving stone installation projects.



Melroe Equipment performed flawlessly!

FACTORY REPRESENTATIVES

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Melroe Company
112 No. University Dr.
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2626 E. 82nd St., #300
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(Melroe Bobcat)

Successful Seminars

(Continued from page 1)

Daryl Mortenson, Training & Quality Control Inspector for Model Stone, spent five weeks with PAVE TECH during their hectic spring seminar schedule. As Bob Lindstrom, Installation Manager at PAVE TECH puts it "we were able to compress about a years' worth of on the job training into five weeks. Daryl was an eager learner and pushed himself to the limits trying to absorb so much in so little time."

PAVE TECH offers this opportunity to any paver manufacturer. If you are interested and would like to supply one, young strong person for a minimum of four seminars to learn not only from PAVE TECH, but from all the contractors and manufacturers that we interact with at our seminars, please contact Steve Jones at PAVE TECH for further details.



Attendees learn through participation in paver installation seminars.

(Continued on page 7)

Tom Eggen Retires from PAVE TECH



After being with PAVE TECH for almost two years, Thomas Eggen has left to pursue more leisurely interests and to spend more time with his wife, Polly.

PAVE TECH's phenomenal growth during his tenure has always forced Tom to spend more time with co-workers than family. We thank Tom for his contributions to our marketing and customer relations.

Tom expressed interest in private consulting as a part-time occupation. We hope that Tom is successful in finding the perfect mixture of business and personal time. PAVE TECH bids Thomas Eggen adieu. ▽

The PAVE TECH EDGE

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PAVE TECH, INC.

P.O. Box 31126
Bloomington, MN 55431

Stephen Jones, President
Louise DiPlacido Branham, Editor

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Seminars would be unthinkable without Case Equipment help!

PAVE EDGE or Equivalent?

That is a phrase that is being used a little too frequently lately. Because of the success of *PAVE EDGE* and the wide acceptance it has gained, some people are trying to portray unsuitable landscape edging/lawn borders as comparable or "equivalent." Why? We don't know, it can only be surmised that either they are ignorant of our product, they do not know any better, or are they just trying to short change their customers and jeopardize the long-term growth of the paver industry.

PAVE EDGE is the first and only patented paver edge restraint system that is proven to be effective with interlocking paving stones.

All we ask is that you forget the hype, the promises, the warnings and logically compare *PAVE EDGE* to whatever product is being offered to compete and come to the same decision as thousands of architects, contractors and manufacturers have already — there is no comparison!

Yes, *PAVE EDGE* is a little harder to get sometimes and yes, it should cost more, but quality always has. REMEMBER, there is only ONE *PAVE EDGE*. 



CPI UPDATE: Contractors Elect First Executive Directors

As promised when the Concrete Paver Institute was first inceptioned, it was decided that all members of our industry be represented.

It took a while to organize the ballot and election, but at last — the CPI Board of Directors will accept at CPI Mid-Year the new Contractor Representatives to the Board.

Contractor concerns will now have a full voice at the highest level of decision making at CPI.

CONGRATULATIONS To the first contractors elected to the CPI Board of Directors.

UNITED STATES


Pat O'Hara
North Syracuse Construction
Syracuse, NY
Ann Hunnicutt
Westwood Contractors
Hampton, VA

CANADA

Ferdinando Macri
Mopal Construction
Scarborough, Ontario
T. Harold McNally
T.H.M. Interlocking Ltd.
Thornhill, Ontario



INSTALLERS — CPI WANTS YOU!!!

The **Concrete Paver Institute** represents the entire paving industry, including installers! **JOIN** . . . your dues are a small investment in your future! **PARTICIPATE** . . . your voice is important, but you won't be heard if you don't join and speak up! **ENJOY** . . . the many benefits of "belonging," of sharing knowledge and experiences with fellow members, of keeping up to date on industry developments and the like! **For further information, please call the CPI Headquarters in Herndon, Virginia — 703/435-4900.** 

Orlando, Florida Centroplex

Bob Carr Plaza and the Arena

The Centroplex project in the heart of Orlando, Florida included more than 200,000 square feet of Holland-shaped pavers, manufactured by Paver Systems, Orlando, FL, laid in a special serpentine pattern using two shades of gray. Most of the footage was installed by **North Syracuse Construction** of North Syracuse, NY.

The Centroplex area is a development concept for downtown Orlando.


Bob Carr Plaza is a center for entertainment productions such as the Bill Cosby presentation at the grand opening, while the Arena is the home of the Orlando Magic NBA basketball team.

The landscape architecture firm of **Sasaki Associates** of Coral Gables, FL, designed the paver pattern layout and specified *PAVE EDGE* restraint system in a number of pedestrian sections, while local code required concrete curb and gutters for vehicular areas.



Orlando, Florida Centroplex

It took the crew of 35 a month and a half to complete the footage, with the bulk done in three weeks.

As you can see, the project turned out beautifully. Good job **North Syracuse Construction!!** — Good job *PAVE EDGE!!* 

Aggregates: A Practical Dissertation

By Steve Jones, President, Pave Tech, Inc.

WEBSTERS DEFINITION

. . . ag.gre.gate \ -get \ n a: Any of several hard inert materials (as sand, gravel, or slag) used for mixing with a cementing material to form concrete, mortar, or plaster b: a clustered mass of individual soil particles varied in shape, ranging in size from a microscopic granule to a small crumb, and considered basic structural unit of soil.

As a paving stone contractor it took a long time to learn a practical working knowledge of aggregates.

Many myths were laid to rest, many questions were uncovered; some still unanswered. This is one contractors experience from around the U.S.

The areas of interest to our trade can probably be broken down into three categories.

1. Aggregates needed in the manufacture of concrete interlocking paving stones.

2. Flexible base — base and sub-base materials and;

3. Bedding and joint sand

1. Aggregates for Manufacturing Paving Stones

I will only make a brief comment on this section as my expertise is limited. Generally speaking, it is considered that the sharp, angular, hard aggregates are best.

What is most important though is proper gradation of aggregates ranging in size from up to $\frac{3}{8}$ "- $\frac{1}{4}$ " down through very fine grains of sand. This sometimes requires the installation of more aggregate bins in a paver manufacturers' batch plant; or a change in suppliers' sieve specifications.

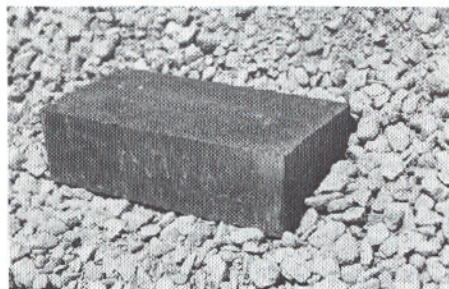


Notice size variation of aggregate inside this paving stone.

2a. Base Course Aggregate

Crushed, quarry processed, washed, sieved material is regarded as the best and easiest material to work with. Depending on the size of equipment you have available to grade and compact, the **base course** will probably dictate the aggregate size range you should use.

On large commercial work where road graders and grade dozers and



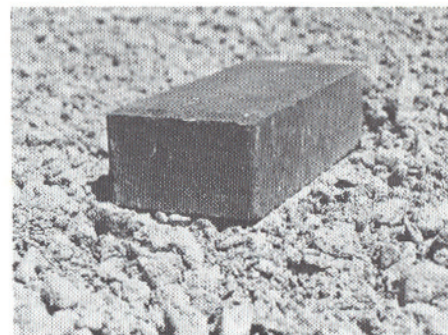
1 1/2"-minus crushed limestone

where large vibratory roller compactors are used, it is best to use 1"-1 1/2" and down to fines as your base course material. As always (proper gradation) is necessary to achieve a proper compaction and strength of your base.

Ease of grading and speed of compaction can be affected by the quality of base material. Trying to save a few dollars per ton of sub standard or inconsistent aggregate will end up costing much more by the time you add the cost of the extra time, labor and machine time needed to grade and compact cheaper materials. Different base aggregate will require varying amounts of moisture to compact properly. Trial and error is about the only method of learning the proper amount. Typically your softer aggregate, such as certain types of limestone require a great deal of added moisture during the hot summer months.

Take the time to visit a number of your local aggregate pits. They would be more than happy to show you the various products they have to sell. Do not be afraid or intimidated to ask for copies of most recent state certifications for the products you are interested in.

For your average local residential contractor, the best size of aggregate is probably $\frac{3}{4}$ "-minus.



$\frac{3}{4}$ "-minus crushed limestone

This material should have the full range of sizes from $\frac{3}{4}$ " down through to fines. It can be hand raked or graded by small and medium sized skid steer equipment and can be properly compacted in 2"-3" lifts by minimum size 5 hp plate compactors. Stay away from any size ranges starting smaller than $\frac{3}{4}$ " as they do not provide for sufficient interlock of the compacted base materials, even though they may be easier to place by hand.



This type of aggregate is unacceptable for base

NOTE: Single size aggregate for base work will not compact properly and will not reach optimum densities and will allow bedding sand to filter through.

NOTE: One important thing to remember is that once you have spread your base aggregate out, you had best rough grade and compact by the end of the day (or sooner, if rain is imminent), otherwise you might have to wait 1-3 days watching it dry out. If you have it on site but cannot grade and compact it, leave it piled up.

NOTE: Order the largest delivery trucks you can handle as trucking costs add quite a lot to your aggregate bill.

2b. Sub-Base

The term sub-base indicates a layer of prepared graded compacted aggregate beneath the base course. This addition to base design is usually reserved for commercial applications where proper drainage of the base is necessary for performance of a pavement that receives continuous repetitive heavy axle loading. Remember — moisture saturated base materials will **not** perform up to rated or expected performance levels.



3" - 3/4" crushed limestone sub-base

Sub-base aggregate usually only consists of a few large gradations which can range from 3" down to 3/4". This open graded aggregate allows for quick passage of water through the base.

NOTE: In commercial applications it might be a consideration to ascertain the actual hardness of available base aggregate. Because very soft aggregate under continual heavy loadings and flexing will continue to break down and degrade to smaller particles.

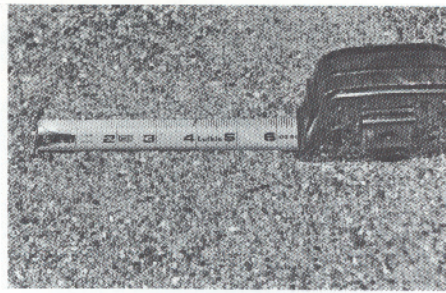
3. Bedding and Joint Sand

This is a very controversial subject and one area that I am continually learning about. It is almost always possible to find the right local sand that will work well for both bedding and joining.

DO NOT USE:

- Limestone screenings (too fine)
- Fine mortar sand
- Soft stone dust
- More than 1"-1 1/2" of sand preferably, 1".

In Minnesota we were able to find a gravel pit that would crush and sieve a coarser than normal concrete sand. Even though this pit required up to an additional 40 miles of trucking one way, the ease of use and speed of completion more than compensated for the cost.




Pave Tech's custom coarse washed sand

Variations to national standards are sometimes needed to compensate for local conditions or availability suppliers as possible.

In cases usually in the fall where constant rains make it almost impossible to keep dry sand for joints, we found it economical to use dry bagged sand as soon as we had a short break in the weather.

Always tarp your sand pile for expected rain.

The best and truly only way to find the best sand for you is trial and error. Make the effort to sample different sands from as many suppliers as possible.

I can promise you that it will not be wasted effort. 

EXCAVATION FACTORS

Depth	Cubic Yards Per Square Foot
2"	.00617
4"	.01235
6"	.01852
8"	.02469
10"	.03086
1'-0"	.03704
1'-6"	.05555
2'-0"	.07407
2'-6"	.09259
3'-0"	.11111
3'-6"	.13333
4'-0"	.14815
4'-6"	.16667
5'-0"	.18519
5'-6"	.20370
6'-0"	.22222
6'-6"	.24074
7'-0"	.25926
7'-6"	.27777
8'-0"	.29630
8'-6"	.31481
9'-0"	.33333
9'-6"	.35185
10'-0"	.37037

Multiply the excavation factor by the area in square feet to find the cubic yards of soil to be excavated. **Example:** Assume an excavation 24 ft. x 30 ft. and 6 ft. deep. $24 \times 30 = 720$. In the table the 6 ft. depth has a factor of .22222 (the number of cubic yards in an excavation 1 ft. square and 6 ft. deep). $720 \times .22222 = 160$ Cu. Yds.

MATERIAL WEIGHTS AND SWELL FACTORS

MATERIAL	PER C.Y. (LOOSE)	PER C.Y. (IN PLACE)	PERCENT OF SWELL	SWELL FACTOR
Cement, Portland	2450	2950	20	.83
Clay, natural red	2700	3500	30	.77
Clay & gravel, dry	2300	3100	34	.74
Clay & gravel, wet	2600	3500	34	.72
Concrete	2650	3700	40	.72
Concrete, wet mix	3600	3600	40	.72
Earth, dry loam	2300	2850	25	.81
Earth, wet loam	2750	3400	24	.81
Granite	2800	4560	65	.60
Gravel, 1/4 to 2" dry	2850	3200	12	.89
Gravel, 1/4 to 2" wet	3200	3600	13	.89
Laterite	3900	5200	33	.75
Limestone, blasted	2500	4250	69	.59
Limestone, crushed	2700	4500	67	.60
Limestone, marble	2700	4550	69	.59
Mud, dry	2100	2550	21	.82
Mud, wet	2650	3200	21	.83
Sand, dry	2750	3100	13	.89
Sand, wet	3150	3600	14	.88
Sandstone, shot	2700	4250	58	.64
Shale, riprap	2100	2800	33	.75
Slate	3600	4700	30	.77
Coral, class #2, soft	1760	2900	65	.61
Coral, class #1, hard	2030	2900	67	.60

Percent of swell times the bank (in place) cubic yards equals the loose cubic yards to be moved.

Swell factor times the loose cubic yards equals bank cubic yards being moved.

NCMA/CPI Parking Lot Paver Project

The 20th Annual Federal Officials Seminar was recently held at the NCMA/CPI headquarters in Herndon, VA.

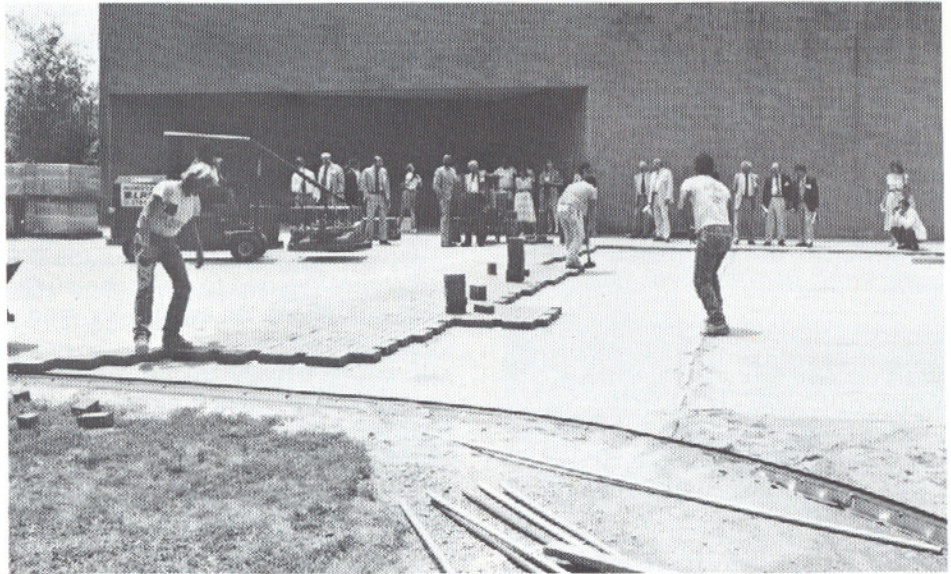
In conjunction with that event, a parking lot restoration project was taking place. The old asphalt parking lot was being overlaid with interlocking concrete pavers.

This was done by LPS Pavements, Chicago, IL, and one of their mechanical layers. One of the unique aspects of this job was that it was the debut of *PAVE EDGE INDUSTRIAL EDGING*.



Master Video Productions, Edina, MN, is an old hand at shooting video for *PAVE TECH*.

PAVE TECH's new *PAVE EDGE INDUSTRIAL* was designed specifi-



LPS crew hard at work with federal officials looking over.

cally for such an installation. It worked flawlessly. (Read more about it elsewhere in this newsletter.)

The installation called for removal of existing steel edging and concrete curbing.

Then where required base was extended to allow for proper width and shoulder. *PAVE EDGE INDUSTRIAL* was drilled through the asphalt, then spiked with 10" steel spikes. Next a filter mat was laid out to prevent any

bedding sand from seeping through cracks in the asphalt. Next, 1" layer of coarse sand was screeded. Next came the mechanical installation of the pavers. For those of you who have not seen a mechanical installation of pavers, it is quite a sight. *PAVE TECH*'s, Steve Jones, Bob Lindstrom and Dale Sopkowiak were on site to lend a hand to LPS and shoot some promotional video of the new edging.



INDUSTRIAL EDGING

(Continued from page 1)

PAVE EDGE INDUSTRIAL was specifically designed to handle the heavy continual repetitive axle loads experienced by commercial pavements. Concrete curb and gutter has been the normal specification for commercial paving stone edge restraints. Until

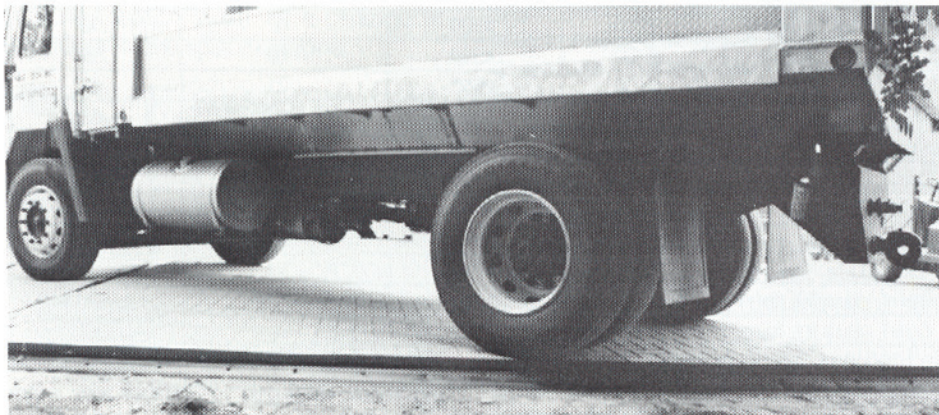
recently there was no product other than concrete curb and gutter that could withstand the extreme heavy loading.

PAVE EDGE INDUSTRIAL offers tremendous cost savings over poured concrete and greater design flexibility.

Rehabilitation of existing pavements by overlay is simplified. All this without having to sacrifice quality and

integrity of the pavement design.

Call *PAVE TECH* at 800-728-3832 US, 1-800-247-3343 Canada for more information.



PAVE TECH backs its own truck over the new pavement edge for field testing.

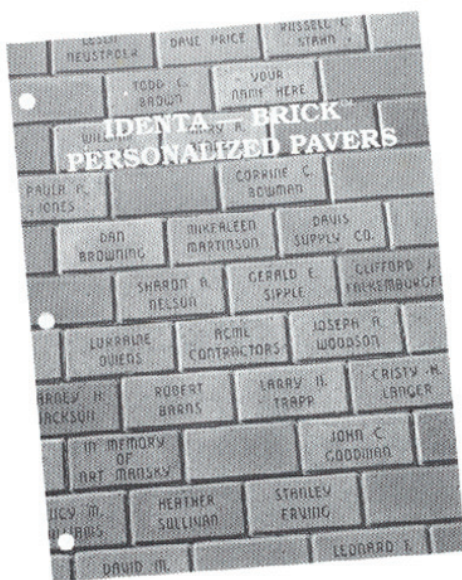


PAVE EDGE INDUSTRIAL can be relief cut to go around radius, however, it will require a substantially longer time.

Recognition At Last . . .

Personalize Your Installation Projects

Something we all strive for, especially for those who take pride in their work. At last there is a service from PRISTINE PRODUCTS, INC. of Racine, Wisconsin, who have devised a process to engrave pavers and then fill the engraving with epoxy to give each paver a superior appearance with unmatched durability. According to John Dziekan, President, their patent pending process allows them to manufacture on a production basis a



product destined to be the one by which all others will be measured, yet



How can you not but help someone who sends these in the mail, we couldn't.

can accomplish all this and be competitively priced at the same time.

You can order any message and any quantity, one, one hundred, one thousand, etc.

John started his business in 1988 with 20 years experience in the field of sand blast engraving and is the third generation involved in the monument industry and has worked numerous medias. His primary objective is to handle manufacturing of personalized pavers, site feature sculptures, wood relief signage and select custom etched glass.

In late 1989, in response to requests, John began installing pavers and now is expanding in this area, as well as hoping to become "knowledgeable technicians due in great part to the information and education we received from PAVE TECH, INC."

Enclosed with this mailing is a flyer on Pristine Products, Inc. For further information, please contact:

Pristine Products, Inc.
3819 Douglas Avenue
Racine, WI 53402
414/639-8228



Successful Seminars

(Continued from page 2)

"Many who attended commented that they certainly have a much better understanding of the performance and correct construction procedures of interlocking paving systems."

—C. Christopher Ross
President, Balcon, Inc.

"I basically knew how the installation process worked but did not realize the importance of how smooth the base should be and the type of sand to use. In fact, I have a job that has to be redone."

—R.M., Minneapolis, MN

"The seminar was very informative and well worth the time."

—B.G., East Alton, IL

"Very, very informative — I'm even going to redo a job because I don't feel right about it."

J.H., St. Paul, MN

"I have learned a few new good tips — very well presented, thank you!"

—D.F., Waltham, MA

"Staff very knowledgeable, great presentation, however, it was geared towards contractors, majority of attendees were architects and engineers."

—D.T., Washington, D.C.

"Very good demonstration of all the bad examples of installation to be avoided — remarkable, well done."

—F.D., Minneapolis, MN

"Seminar showed new design ideas, gave good pointers on installation."

—R.L., Ellsville, MO

(These were just a few of the many comments we received from our recent paver installation seminars. We ourselves gained much knowledge from the attendees and definitely will put your good ideas and suggestions to work.)





Louise DiPlacido Branham

PAVE TECH is pleased to announce. . .

. . . the addition of **Louise DiPlacido Branham** to the *PAVE TECH* staff as Operations Manager. Louise will be assuming some of the job duties vacated by Tom Eggan who recently retired. (See Tom's retirement, page two.) In addition to wearing many hats, Louise is also the editor of the *PAVE EDGE* newsletter. She has extensive experience in the areas of administrative/operations management as well as a sales and marketing background.

Louise is a positive addition to our team and is willing and eager to assist you when calling in for products, literature or information that will enable you to meet both our goals and objectives in providing Advanced Paving Technology to the paving stone industry. ▽

Appropriate Quotes

. . . Surely we should find both touching and inspiring, that in a field from which success is banished, our race should not cease to labour.

—Robert Louis Stevenson,
1792

The great thing in this world

Is not so much were we are,

But in which direction we are moving.

—Anonymous

PAVE TECH Welcomes New PAVE EDGE® Distributors!

The following new distributors have joined our expanding North American Network of paver manufacturers who stock, promote and sell the world's finest paving stone edging.

U.S. DISTRIBUTORS

California . . . Hokanson Building Block Company, Sacramento, CA — 4751 Power Inn Road. Phone: 916/452-5233. Started their business in 1946. They have two additional plants, one in Fresno and one soon to open in Tracy. They recently supplied one of the largest projects for the Port of Oakland (over 300,000 sq. ft.). Hokanson belongs to UniGroup.

Colorado . . . Valley Block Company, Loveland, CO — 6676 E. Colorado Highway 402. Phone: 303/667-4480. According to Jerry Klein, President, Valley Block is one of the first manufacturers of paving stones in the southwest and placed their first order of *PAVE EDGE* and *PAVE TECH* Protection Treatment Program Products.

Minnesota . . . Model Stone Company, Minneapolis, MN — 400 West 61st Street. Phone: 612/861-6041. Model Stone Company has been manufacturing concrete products since 1945. Most recently they have started manufacturing concrete pavers. Gary Reierson, Vice President of Model Stone says, "we needed an edge that would meet the demands of the paver industry — *PAVE TECH*, *PAVE EDGE* is the only company that will meet those requirements." Model Stone Company carries the full line of *PAVE TECH* products and will provide service, products and installation to its customers.

New York . . . TCG Materials (New York) Incorporated, Fishers, NY 735 Wangum Road, P.O. Box 471, Phone: 716/924-2103. TCG began production in November 1989 of their new Empire Paving Stone product line at the same site of Rochester Block, which they recently acquired and are excited about their new facility and representing *PAVE EDGE* with their first edging order placed in April.

Ohio . . . General Clay Products Corp., Columbus, OH — 1445 West Goodale Boulevard, Phone: 614/486-0614. General Clay Products is the first clay paver manufacturer of *PAVE EDGE*. The company has been manufacturing since 1904. Mr. Hal Epler, owner, has implemented a training program for his employees on the proper installation of clay brick. They operate six plants in the state of Ohio and are avidly promoting *PAVE EDGE*.

Utah . . . J&J Building Supply Company, St. George, UT — 180 North 300 East, Phone: 801/673/3591. Gilbert Jennings, Vice President, visited with us at the NCMA Trade Show and was impressed with *PAVE EDGE* and recently became a new distributor. J&J operates two plants, the newest one is solar energized. The solar generated heat together with cold water mist are proving to be an effective method of curing concrete block. The company is in its 51st year of business. The company manufactures pavers on their Columbia machine.

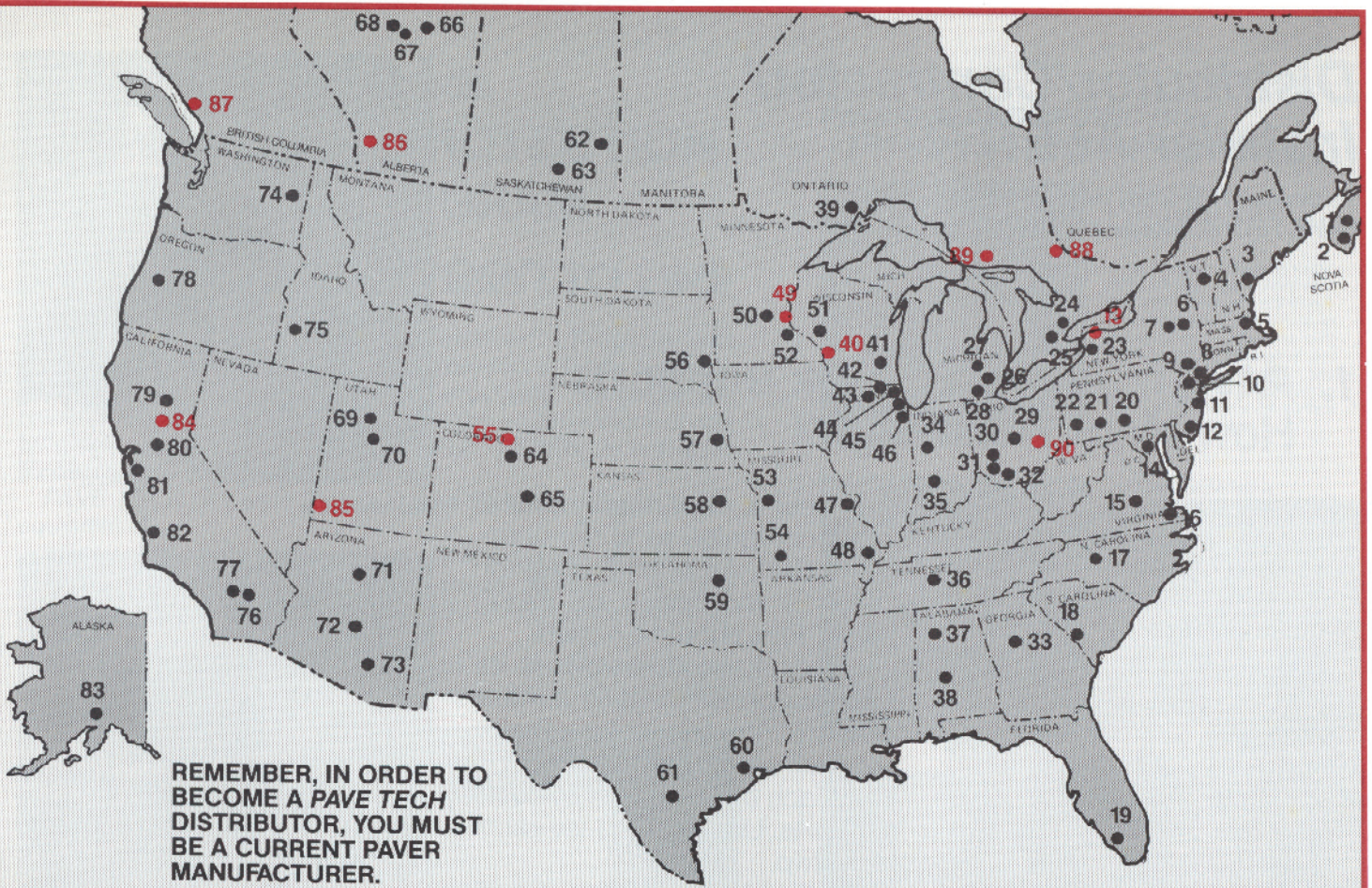
Wisconsin . . . Wieser Concrete Products, Maiden Rock, WI — Route 2, U.S. Highway 10, Phone: 715/647-2311. Celebrating their 25th year in business, a family owned company with over 200 employees. Headquartered in Maiden Rock, they have two plants, one in Iowa and manufacture paving stones in Menominee, WI. P.J. Richardson, Sales Manager of hard landscape products, recently placed his first order of *PAVE EDGE*.

CANADIAN DISTRIBUTORS

Alberta . . . Westcon Construction Products, Calgary, Canada — 4412-54th Avenue SE, Phone: 403/279-2534. Linda Campbell, Sales Manager who placed their first order for 35,100 linear feet of *PAVE EDGE*, says "that *PAVE EDGE* in Western Canada has a bright future in our marketing area." Westcon started business in Saskatoon in 1950 and in 1975 began manufacturing interlocking paving stones in Alberta and also at their Corporate Headquarters located in Langley, B.C.

Westcon is regarded by many as an innovator and pioneer of paving stones in the Northwest.

Ontario . . . Brown's Concrete Products, Ltd., Sudbury, Ontario, Canada — 3075 Regent Street South P3E 5Z1. According to Manfred Herold, Brown's Concrete is a family owned business dating back to 1907 and remains today as a hands-on family business run by Johannes Herold and his four sons, Manfred, Ralph, Gordon and Glen. They are in the process of expanding their Sudbury location to include two production plants: pavers, block and a concrete retaining wall system. Their sister corporation, Metric Concrete, Inc. located in Blind River, Ontario, also manufactures pavers. Currently they are supplying pavers for a downtown Sudbury revitalization project using mechanical installation. They are avidly promoting and introducing *PAVE EDGE* in the Sudbury area. Welcome to *PAVE TECH!* ▽



North American Distributors of PAVE EDGE

US Patent No. 4863307

Canadian Patent No. 1267554

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|---|---|--|--|
| <ol style="list-style-type: none"> 1. L.E. Shaw, Ltd., Lantz, Nova Scotia 2. South Shore Ready Mix Ltd., Bridgewater, N.S. 3. Genest Concrete Works, Inc., Sanford, ME 4. S.T. Griswold Co., Williston, VT 5. Ideal Concrete Block Co., Waltham, MA 6. Dagostino Bldg. Blocks, Inc., Schenectady, NY 7. Grandview Block & Supply Co. Inc., Schenectady, NY 8. Unilock New York, Brewster, NY 9. 3-D Block Co., Inc. Monticello, NY 10. Grinnell Conc. Paving Stones, Sparta, NJ 11. Anchor Concrete Products, Bricktown, NJ 12. E.P. Henry Co., Woodbury, NJ 13. T.C.G. Materials, Inc., (New York), Fishers, NY 14. Balcon, Inc., Baltimore, MD 15. Tarmac-Virginia, Inc., Prince George, VA 16. Interlock Paving Systems, Hampton, VA 17. Gorla Enterprises, Inc., Greensboro, NC 18. Metromont Materials Corp., Spartanburg, SC 19. Krehling Industries, Inc., Naples, FL 20. Hanover Architectural Products, Hanover, PA 21. Nitterhouse Conc. Prod., Chambersburg, PA 22. R.I. Lampus Co., Springdale, PA 23. Unilock Buffalo, Inc., Buffalo, NY 24. Unilock Ltd., Georgetown, Ont. | <ol style="list-style-type: none"> 25. Pavestone Plus, Kitchener, Ontario 26. Unilock Michigan, Inc., Brighton, MI 27. Grand Blanc Cement Prod., Grand Blanc, MI 28. Fendt Bldrs. Supply, Farmington Hills, MI 29. Columbus Conc. Prod., Columbus, OH 30. Wilson Concrete Prod., Inc., Centerville, OH 31. Interpave Corp., Cincinnati, OH 32. Paverlock, Cincinnati, OH 33. Paverlock of Georgia, Lithonia, GA 34. Irvin's Conc. Prod. & Supply, Lafayette, IN 35. Hessit Works, Freedom, IN 36. Nashville Block Co., Nashville, TN 37. Superock Block Co., Birmingham, AL 38. SRM/Selma Inc./Con Pave, Selma, AL 39. Miller Precast Ltd., Thunder Bay, Ont. 40. Wieser Concrete Products, Maiden Rock, WI 41. Bend Industries, West Bend, WI 42. Paveloc Industries, Algonquin, IL 43. Rockford Cement Prod., Rockford, IL 44. Unilock Chicago, Inc., Aurora, IL 45. Bend Industries Inc./Ampruss, Des Plaines, IL 46. Chicago Pavers, Inc., Plainfield, IL 47. Kirchner Industries, Inc., Bridgeton, MO 48. Hedrick Conc. Prod., Sikeston, MO | <ol style="list-style-type: none"> 49. Model Stone Company, Minneapolis, MN 50. Borgert Products, Inc., St. Joseph, MN 51. Fehr Concrete Products, Eau Claire, WI 52. Shiely Masonry Prod., Maple Grove, MN 53. Barbour Conc. Prod., Independence, MO 54. Nattinger Materials Co., Springfield, MO 55. Valley Block Company, Loveland, CO 56. Gage Bros. Concrete Products, Sioux Falls, SD 57. Watkins Concrete Block, Omaha, NE 58. Capitol Concrete Prod. Inc., Topeka, KS 59. Chandler Materials Co., Tulsa, OK 60. Paverlock of Texas, Houston, TX 61. Alamo Concrete Pavers, San Antonio, TX 62. Yorkton Concrete Products Ltd., Yorkton, Sask. 63. Cindercrete Products, Ltd., Regina, Sask. 64. Clalite, Inc., Denver, CO 65. McKinney Conc. Prod., Pueblo, CO 66. Expocrete, Inc., Spruce Grove, (Edmonton) Alberta 67. Canadian Paving Stone, Ltd., Edmonton, Alberta 68. St. Albert Precast, St. Albert, Alberta 69. Buehner Block Co., Salt Lake City, UT | <ol style="list-style-type: none"> 70. Lehi Block Co., Lehi, UT 71. Block-Lite, Flagstaff, AZ 72. Muller Supply Co., Tempe, AZ 73. Stewart Block Company, Tucson, AZ 74. Layrite Products Co., Spokane, WA 75. Builders Masonry Prod., Meridian, ID 76. Muller Supply Co., Banning, CA 77. Perma-Concrete, Moreno Valley, CA 78. Willamette-Graystone, Inc., Eugene, OR 79. Kraitzer Precast Supply, Penn Valley, CA 80. Muller Supply Co., Lodi, CA 81. Pacific Interlocking Paving Stones, Cupertino, CA 82. Airvol Block Company, San Luis Obispo, CA 83. Anchorage Sd. & Gr. Co., Anchorage, AK 84. Hokanson Building Block Company, Sacramento, CA 85. J&J Building Supply, St. George, UT 86. Westcon Construction Products, Calgary, Alberta 87. Westcon Construction Products, Langley, British Columbia 88. Brown's Concrete Products, Ltd., Sudbury, Ontario 89. Metric Concrete, Inc., Blind River, Ontario 90. General Clay Products, Columbus, OH |
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Distributor/Contractor/ Installer ALERT!

Technical Tips from Bob Lindstrom,
PAVE TECH's Manager of Paver Installation

1. PAVE EDGE Flex Back Supports . . . How Many Is Enough?



Installer failure, not PAVE EDGE

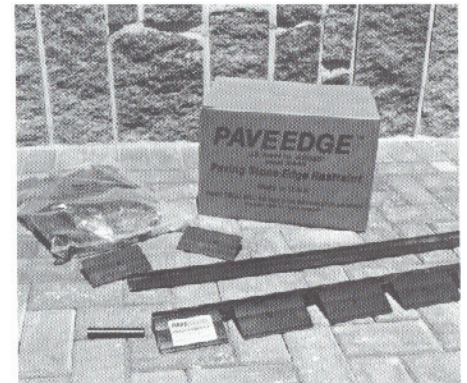
It seems that there is still some confusion as to the number of back support sections for each 15 foot piece of PAVE EDGE Flex should be used.

We package three boxes of back supports for each bundle of 12/15' flex face strips. There are four separate bags in each box. Each bag contains 24 back supports. Use one bag for each face strip.

PAVE EDGE can fail if not used as per instructions. *Why take a chance?* You are already paying for them.



Bob Lindstrom



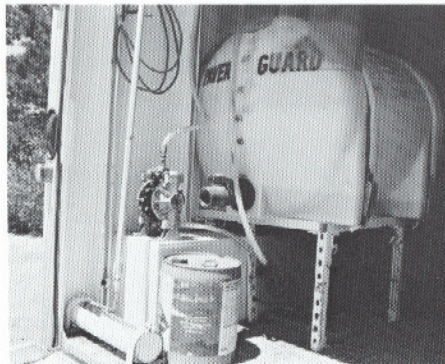
PAVE EDGE flex system. Notice: Tight spacing between back supports.

PAVE EDGE® Flex = 1/15 ft face strip + 24 back supports

2. Cleaning of Paver Guard Sealer Equipment

Here is the method PAVE TECH uses to clean its own equipment. We, of course, welcome any suggestions or questions.

1. Empty tank and/or hoses and pumps.
2. Flush system with about one quart Toluene solvent (available at commercial paint stores). It might go by a brand name. Use old sealer cans as receptacle for flushed solvent. Pump lines dry.



3. Next flush system with one or two gallons of clean water until lines are dry.

IMPORTANT:

4. Remember before charging the lines of the pump with PAVER GUARD you must first, just prior to use, run one half quart of Toluene solvent through the system to remove any water. Were it to come into contact with PAVER GUARD it would solidify and block lines.



PAVE TECH Expands PAVING STONE PROTECTION TREATMENT PROGRAM

...ADDS simple green® TO LINE

The Paving Stone Protection Treatment Program was introduced earlier this year and has received a hardy welcome from the industry in the US, Canada and Japan. After extensive research we are pleased to announce the enhancement of this program with the addition of **SIMPLE GREEN**, a non-toxic biodegradable degreaser.

PAVE TECH has used Simple Green for years to wash heavy equipment.

When asked about removing fresh oil and dirt before they have a chance to stain, PAVE TECH has always recommended first trying a good detergent. SIMPLE GREEN is that "good detergent."

... Read More About this fine product in the flyer enclosed with this newsletter, or for more information, call: 1-800-728-3832.



PAVING STONE PROTECTION TREATMENT PROGRAM® PRODUCTS



PAVER PREP™ Efflorescence Cleaner (Concentrate) ...

For effectively removing tough, white soluble salt efflorescence stains from paving stone and brick pavements. PAVER PREP® is an inorganic acid, blended with wetting agents, detergents and corrosion inhibitors, and designed to remove efflorescence without the worry of surface etching or color loss!



PAVER GUARD™ Sealer ...

This solvent based acrylic co-polymer sealer contains petroleum distillates. It effectively penetrates paver surfaces and dries clear, leaving no milky residue. PAVER GUARD® sealer is made of the highest quality ingredients to provide long-term protection and color enhancement of all paving stone surfaces.



PAVER DE-STAINER™ Tough Stain Remover. ...

An extremely potent inorganic acid cleaner, PAVER DE-STAINER® is also blended with wetting agents and detergents. It is unsurpassed for removal of tough, dirty stains caused by automotive oils and grease, rust and hard water.

All products in PAVE TECH'S PAVING STONE PROTECTION TREATMENT PROGRAM® will be sold through paver manufacturers only!

To the Editor:

PAVE TECH EDGE

RE: NEWSLETTER MAILING LIST

I would like the following person added to your **EDGE** newsletter mailing list.

NOTE: You must give complete information below in order to be added to mailing.

Name _____ Title _____

Company _____

Type of Business _____

Address _____

City/State _____ Zip Code _____

Phone No. _____ Fax No. _____

It's Easy to Reach PAVE TECH!

In U.S. — Call:

1-800-PAVETEC
1-800-728-3832

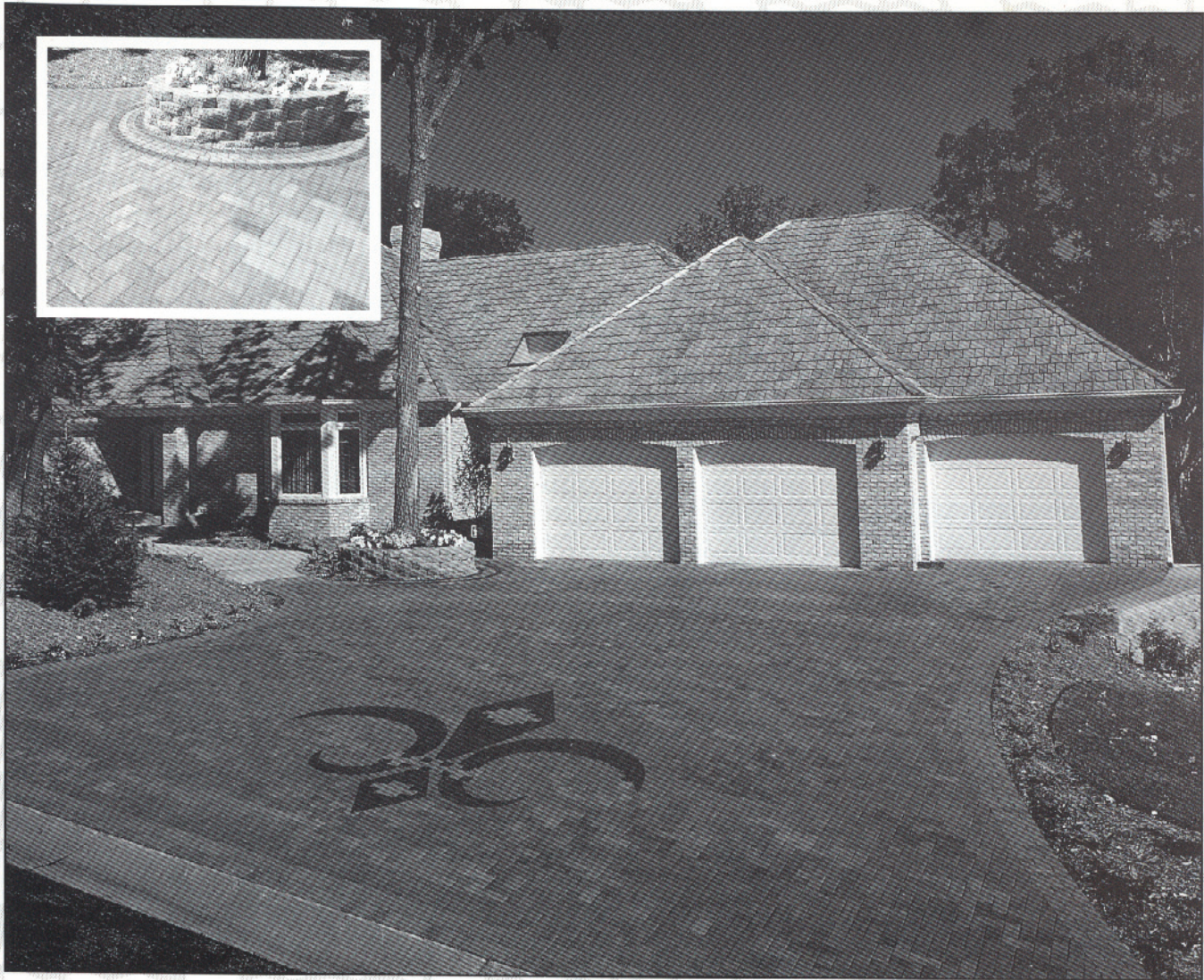
In Canada — Call:

1-800-247-EDGE
1-800-247-3343

Phone No. — 1-612-881-5773 or
Fax No. — 1-612-881-2169

OR, write us at:

PAVE TECH, INC
P.O. Box 31126
Bloomington, MN 55431



Timeless Beauty... Structural Integrity

YOU GET BOTH WITH **PAVE EDGE**® US Patent #4863307
Canadian Patent #1267554

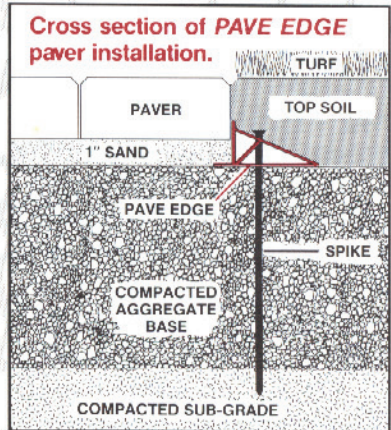
Whatever the design challenge — tight radiuses, gentle or serpentine curves, or abrupt contour changes — **PAVE EDGE** paver edge restraint system allows freedom of architectural expression . . . unlimited flexibility!

Available in both rigid and flexible, 15' long sections, **PAVE EDGE** edging is made of a strong PVC compound; will not rust, warp nor heave from temperature and moisture changes; remains totally invisible when in place.

Its unique design allows **PAVE EDGE** to restrain movement at the edging face while

spreading vehicular loads over a large sub base area. If the pavement moves during annual freeze/thaw cycles, an exclusive frost heave lip allows the edging to move with it, thus remaining an integral part of the paver installation, continually imparting its structural strength across the pavers and the sub base.

Because it is the only edging that provides permanent structural integrity, it is the most widely used paver edge restraint system in use today.



IN USA CALL 1-800/728-3832 — IN CANADA CALL 1-800/247-3343

PAVE TECH, INC. ADVANCED PAVING TECHNOLOGY

P.O. Box 31126, Bloomington, MN 55431
Call 1-612/881-5773 or FAX: 612/881-2169

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PAVE EDGE is simple to install, light in weight, yet has superior strength and durability. It is the only self supporting edge restraint system designed exclusively for pavers, by a paver installation company!