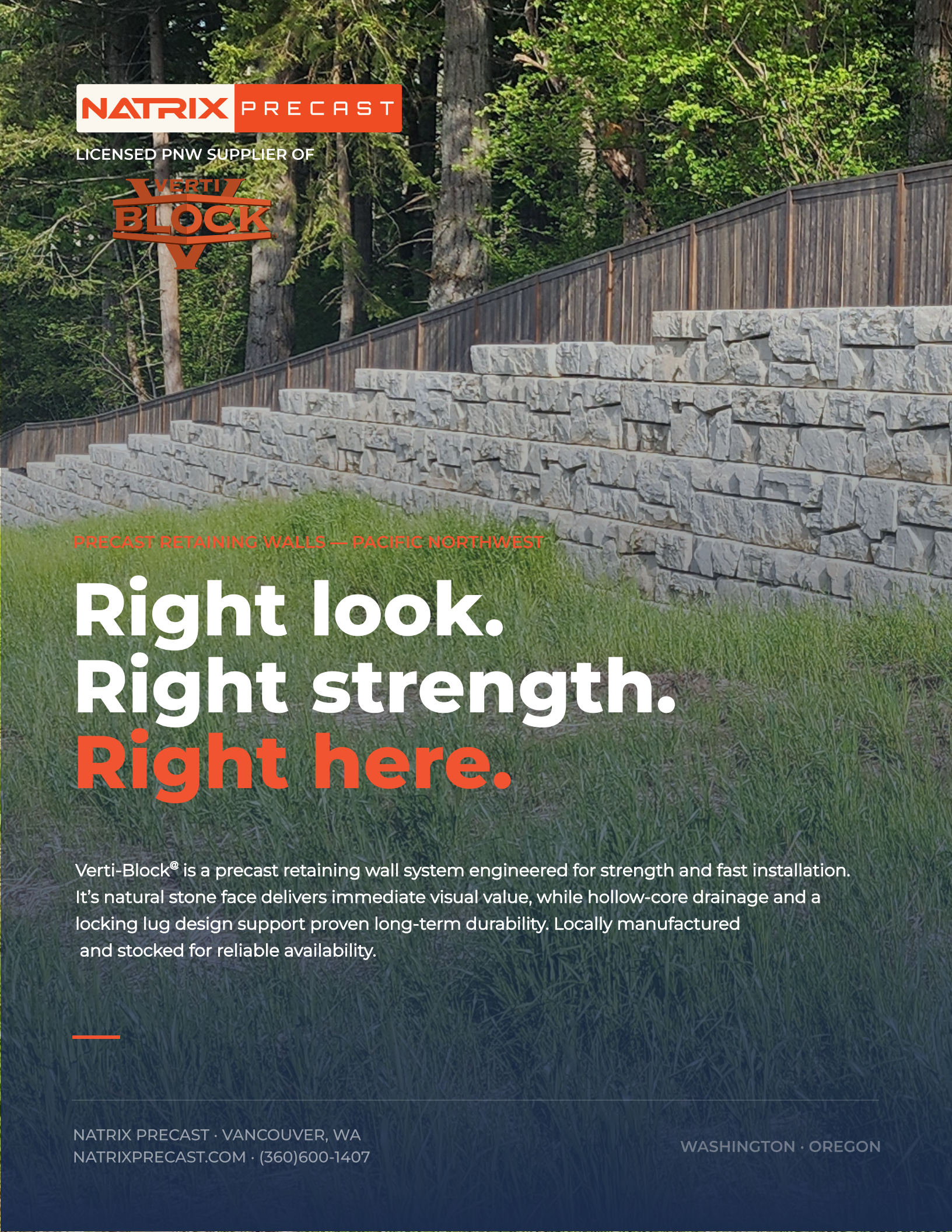




NATRIX PRECAST

LICENSED PNW SUPPLIER OF



PRECAST RETAINING WALLS — PACIFIC NORTHWEST

Right look. Right strength. **Right here.**

Verti-Block® is a precast retaining wall system engineered for strength and fast installation. It's natural stone face delivers immediate visual value, while hollow-core drainage and a locking lug design support proven long-term durability. Locally manufactured and stocked for reliable availability.

NATRIX PRECAST · VANCOUVER, WA
NATRIXPRECAST.COM · (360)600-1407

WASHINGTON · OREGON

One block. Less of everything that **slows you down.**

A hollow precast block that uses roughly half the concrete of a solid unit — light enough to set without heavy machinery, engineered to drain, and precise enough that placement error all but disappears.

4×2×3 ft STANDARD BLOCK	1,755 lbs STANDARD BLOCK WEIGHT (HOLLOW)	8 sq ft FACE PER BLOCK	14 ft + GRAVITY WALL HEIGHT	30 ft + REINFORCED HEIGHT
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01

Better ROI

Verti-Block pays you back at both ends of the job. Then the finished wall does the quiet work — a real stacked-stone face that reads **premium**, lifts the value of everything around it, and earns the kind of compliments that turn into referrals. Lower install cost, higher finished value. That's a margin you can actually see.

02

Drainage is built in

The hollow core is the drainage system. Crushed stone fill moves water through the wall mass instead of trapping hydrostatic pressure behind it. **No over-excavation, no separate drainage run** — the system is engineered for it from the first course.

03

Interlock reduces placement error

Male/female geometry and shear lugs seat each block in exactly one position. The 2-3/16" setback per course is automatic — not something a crew has to measure every set. **Consistent batter, no drift, no rework.** A wall that performs to spec from the first course to the last.

04

Gravity walls to 14 ft — and beyond

Gravity walls and mass extender base courses can be designed to 14'+ heights. Add geogrid tie-back and these walls can exceed 30' in height depending on soil conditions. One system covers the full range of commercial, civil and DOT applications.

It looks like it belongs there.

A finished Verti-Block wall reads as stacked stone, not stacked blocks. 5 inches of face relief conceals joints and gives the surface genuine depth at any viewing distance.

AESTHETICS

More than structural. A finished surface worth specifying.

The Verti-Block® Canyon Ledge face features a 5" depth relief that conceals joints and creates deep shadow lines, giving finished walls the appearance of natural stacked stone from any distance. Its versatile geometry supports convex and concave curves, sharp 90 degree corners, and 45 degree angles for flexible design options. Hollow-core construction allows fencing and railings to be placed closer to the wall face, maximizing usable space while maintaining a clean, integrated look.

BLOCK SPECIFICATIONS

System Overview

Standard unit	2 ft H × 4 ft W × 3 ft D
Block weight	1,755 lbs (hollow); 3,035 lbs with gravel infill
Compressive strength	~4,000 psi (28-day)
Face relief	5 in — joints concealed, stacked-stone appearance
Standard batter	2-3/16 in per 24 in of rise (~5°)
Min. curve radius	16 ft (convex and concave)
Design standard	NCMA; software adds AASHTO ASD/LRFD, CAN-CSA
Seismic design	Available via Verti-Block analysis software

WALL CAPACITY REFERENCE

Height Ranges by Soil Type

Silty soil (≥28°), level fill	7.5 – 13 ft gravity; 30 ft reinforced
Sandy soil (≥30°), level fill	7.5 – 15 ft gravity; 30 ft reinforced
Gravelly sand (≥35°), level fill	9.5 – 17 ft gravity; 30+ ft reinforced
Gravelly soil (≥40°), level fill	11 – 19 ft gravity; 34+ ft reinforced
Geogrid reinforcement	Stratagrid 200 / 500 / 600 at 2 ft intervals
Min. safety factors	Sliding 1.5 · Overturning 1.5 · Bearing 2.0

Ranges per Verti-Crete Design Manual Rel. 4.1 at standard ~5° batter. Final designs require a licensed PE using site-specific conditions.

Let's get it on your **next project.**

We handle take-offs, estimating, and design so you walk into every job with a plan. Regional stock means shorter lead times and no freight surprises. From estimate to final course — we're in it with you.

01

Send Us the Site

Share your wall heights, grades, and plans. We'll size the wall, run a preliminary take-off, and get you a quote — no obligation.

02

Talk It Through

Give us a call to talk about your project. We're happy to answer any questions.

03

Spec It and Build

We deliver, support the install, and back you through every course. Drawings and on-call guidance from first set to finish.

SERVICE AREA

From our yard in **Vancouver, WA** we supply Verti-Block throughout **Oregon and Washington**. Shorter hauls mean faster delivery and lower freight costs.

WHAT WE SUPPLY

- Full Verti-Block product line — standard, corner, half, top, mass extender
- Design, spec sheets, and assist with engineering
- Preliminary take-offs and estimates
- Installation and technical support
- Branded spec sheets for your bids
- Lunch-and-learns

Don't let the wrong block
cost you your credibility.

GET A VERTI-BLOCK QUOTE

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