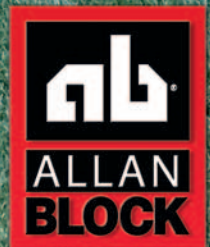




Design Ideas

For Your Outdoor Living Spaces

*Design Ideas
for Allan Block
Retaining Walls &
Patio Walls*



allanblock.com

Design Ideas from Allan Block

Allan Block has many products available to help you transform your outdoor living area to a backyard destination. We hope our ideas will inspire you to create your own masterpiece to enjoy for years with family and friends.

- 2-3 Outdoor Rooms
- 4-5 Outdoor Entertaining
- 6-7 Sloping Yards
- 8-9 Entryways
- 10-11 Patios
- 12-13 Stairways
- 14-15 Backyard Spaces
- 16-17 Design & Estimating
- 18-21 Installation
- 22-23 Product Information

 See allanblock.com for more ideas and information.



The Allan Block products are inspired by nature to help create beautiful outdoor spaces in the world we live in.



We pride ourselves on the training we provide to our Allan Block network of professionals so you can be confident in your choice.

Outdoor Rooms



💡 See allanblock.com for more ideas and information.



Turn your yard into a true outdoor room—perfect for relaxing, entertaining, and enjoying life outside.

allanblock.com



Build your own backyard getaway with walls that define cozy lounges, dining areas, or fun spaces for the whole family.

Outdoor Entertaining



💡 See allanblock.com for more ideas and information.



Host in style with built-in seating, bars, and kitchens that turn your backyard into the ultimate hangout spot.



*Create an outdoor space
made for memories - perfect
for relaxing days, lively
nights, and everything
in between.*

Sloping Yards



💡 See allanblock.com for more ideas and information.



Turn sloped spaces into stunning landscapes. Allan Block walls help you claim more usable space, create level areas for gardens, patios, and more.



Make every inch of your yard work for you. Build usable, beautiful spaces on any slope with strong, stylish retaining walls.

Entryways



💡 See allanblock.com for more ideas and information.



Welcome guests with an entryway that stands out. Allan Block makes it easy to design bold, beautiful first impressions.



*Frame your home with style.
From grand stairs to custom
accents, create entryways
that elevate curb appeal.*

Patios



💡 See allanblock.com for more ideas and information.



Build the perfect patio for relaxing, entertaining, or outdoor dining - customized to fit your backyard and your lifestyle.



From cozy retreats to spacious multi-level patios, Allan Block gives you the freedom to create beautiful, low-maintenance outdoor living spaces.

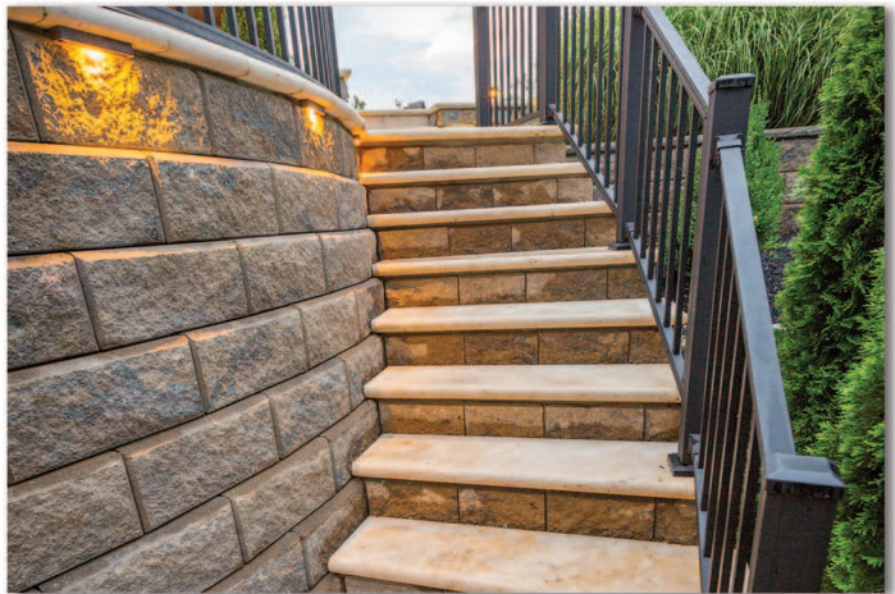
Stairways



💡 See allanblock.com for more ideas and information.



Add lasting beauty and easy access with stairways built right into your landscape. Designed to flow with your yard and elevate every step.



*Connect your spaces with
stylish, durable stairs.
Allan Block makes it easy
to turn slopes into standout
features.*

Backyard Spaces



💡 See allanblock.com for more ideas and information.



Imagine a space built just for you - built to match your lifestyle and vision. From a simple cozy space with seating and a fire pit to a patio retreat for evening gatherings - it is possible.



*Let your backyard become
an extension of your home,
fully designed and built
to enjoy every season
in comfort and style.*

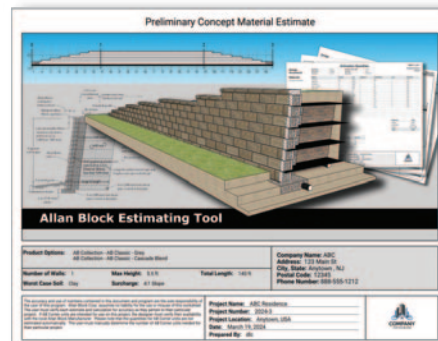
Allan Block Suite of Tools

Layout, Visualize and Estimate your Project

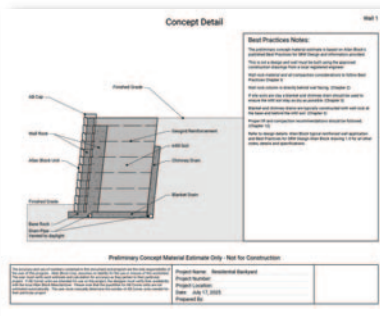
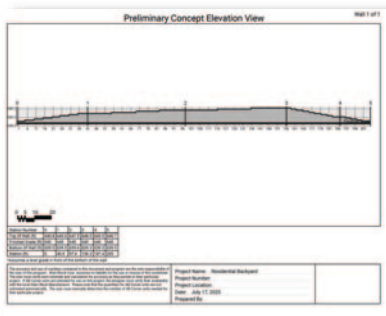
AB Retaining Wall Estimating Tool - This powerful tool is designed to simplify and streamline the process of **properly estimating retaining walls**. It's your go-to resource for accurate and efficient project estimation.

The AB Retaining Wall Estimating Tool includes on-screen educational components to guide you through the process with video instructions at each screen so you can **understand what is needed** so you can estimate your project confidently.

You then receive a comprehensive materials estimate package that includes an **elevation view** of your project based on your details, a **cross section detail** to show a typical installation and a **full material product summary**. This summary shows everything needed to build the wall - not just the block.

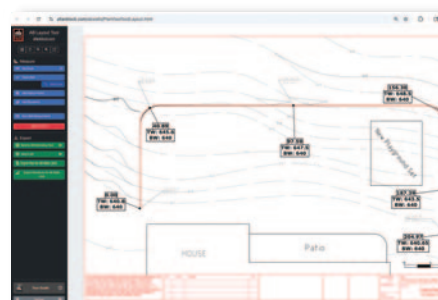


Use on iPhone, iPad, Computer - PC or Mac



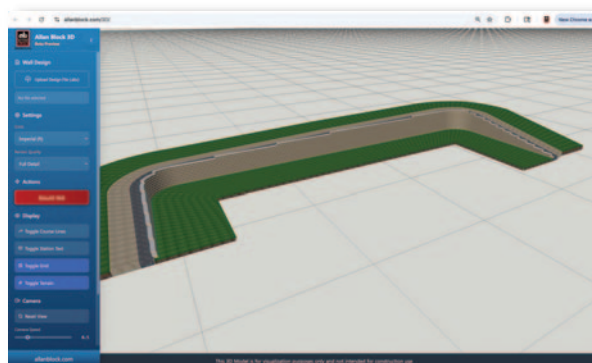
But that is just the beginning. Combine it with the AB Layout and 3D Modeling Tool, groundbreaking additions that takes the estimation process to the next level by making it even faster and more intuitive.

AB Layout Tool - Using this extension to our tools, you can import a scaled drawing of your project and simply trace it, the tool will then prompt you through entering the needed information and offers details and help for each step, ensuring your project is entered as needed. Then you simply export this directly into the AB Estimating Tool to build your comprehensive material package.



Use on Computer - PC or Mac

AB 3D Modeling Tool - Once your project details are entered in the AB Layout or AB Estimating Tool, select to **view as a 3D image** to instantly see the visualization of your project. Showing a visual of what your project will be once built and is able to be exported out to other 3D drawing tools to expand on. This is a great way to verify your layout will be what you have designed and the material quantities are accurate. Saving you time and money with exact estimates.



Use the Allan Block Retaining Wall Estimating Tool direct from allanblock.com today.

Visit allanblock.com for complete installation details.

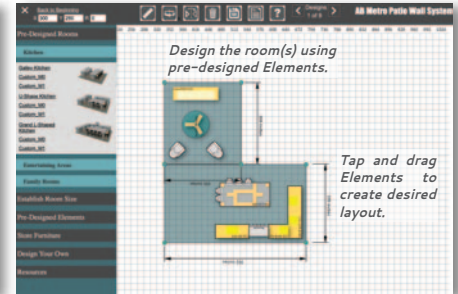
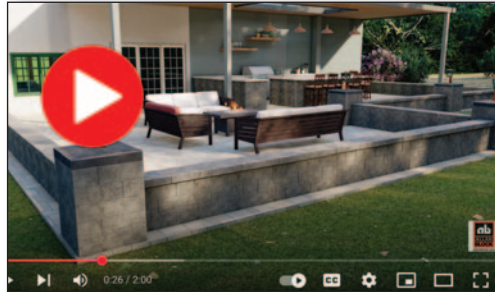
AB Metro Patio Wall App - Using the step-by-step guides, or the pre-designed rooms and elements you can quickly design new outdoor areas that will generate a complete material list.



Use on Computer - PC or Mac

Design room layouts just as easy as installing the block with the Magic 1-2-3 Pattern. Use and alter pre-designed layouts or create your room size, then drag and drop from our large library of options from counters, tables, bars, seating and more. Then with a click of a button you will receive full material details and a 3D file of your project.

Use the AB Metro Patio Wall App direct from allanblock.com today.



Check Us Out On The Go!



allanblock.com



Allan Block Suite of Tools



Workshop Video Gallery

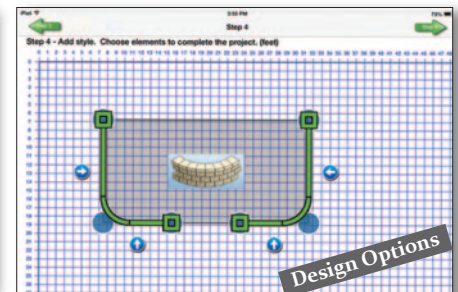
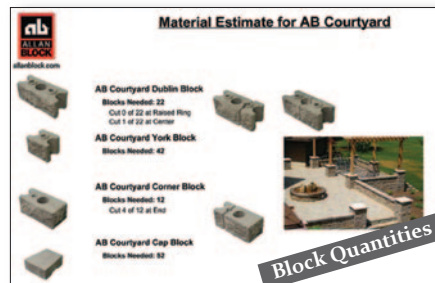
AB Courtyard Design and Estimating App - Offering the ability to design a project layout in the app that then will provide material quotes.

The AB Courtyard Patio Wall Design Estimating App offers a way to quickly and efficiently estimate projects. With a streamlined project entry process where pre-designed options can be selected for estimates and instructions emailed instantly but also offering a custom option to layout and design your own unique space. Submitted projects will be emailed a professional package with detailed installation instruction, links to videos to that shows build process and a 3D file to see project prior to building.



Use on iPhone, iPad, Computer - PC or Mac

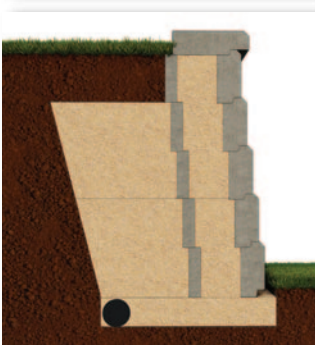
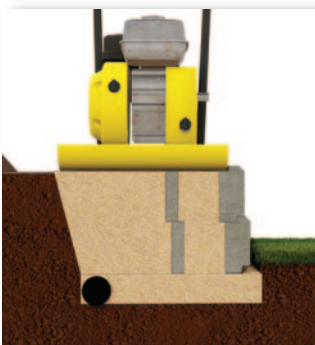
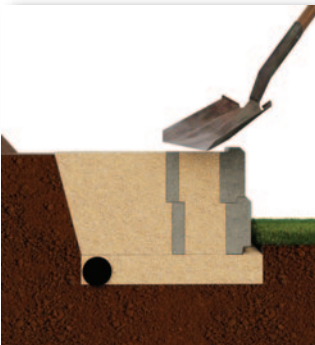
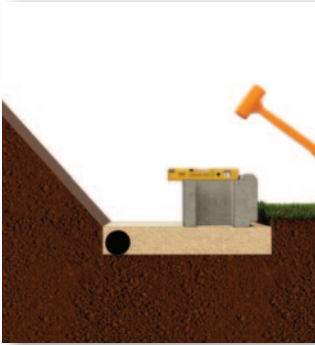
Download from allanblock.com today.



Visit allanblock.com for complete installation details.

Build an Allan Block® Retaining Wall

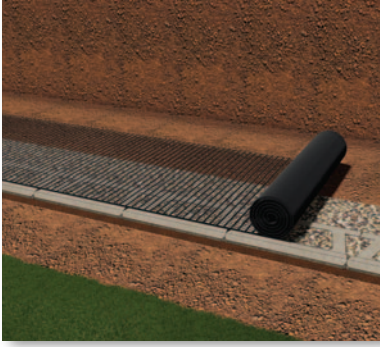
Gravity Walls



1. Mark the location of the retaining wall and dig a trench a minimum of 24 in. wide (600 mm) and 6 in. deep (150 mm) plus an additional 1 in. (25 mm) for each 1 ft (300 mm) of wall height for gravity walls. If reinforcement will be needed, additional excavation will need to be completed to accommodate the length of the grid, see allanblock.com for complete details. Excavated materials that can not be used as backfill material will need to be discarded. Compact the trench thoroughly with a hand tamper or plate compactor. Install a drain pipe at the back of the trench for walls with poor drainage, over 4 ft. (1.2 m) tall or any reinforced walls. Make sure the drain pipe can be vented to daylight. Place a minimum of 6 in. (150 mm) of wall rock in the trench. Do not use sand. Compact thoroughly with a hand tamper or plate compactor. Level the entire trench.
2. Install the blocks on the wall rock foundation with the raised front lip facing up and forward near the front of the trench. Verify the proper position of the AB blocks by sighting down the back of the raised front lip or using a string line. Level each block from side to side and front to back as installed, make adjustments as necessary. Careful attention to a straight and level base course will ensure a quality finished wall.
3. Once the entire base course is installed, fill in front of the blocks with on-site soils to keep the base course from shifting while filling and compacting the blocks. Fill the hollow cores and 12 in. (300 mm) behind the block with wall rock to the height of the block. Use infill or approved on-site soils to backfill behind the wall rock to the height of the block. Using a hand tamper or plate compactor, compact the wall rock and on-site soils behind the block in a path parallel to the wall. Check the base course of blocks for level and adjust as needed.
4. If reinforcement is needed see next page and go to allanblock.com for complete details. Sweep off the top surface of the installed blocks. Stack the next course so that the block seams are offset from the course below. Check each block for level and alignment, making adjustments as needed. Fill the hollow cores and behind the block with wall rock, to the height of the block. Use infill or approved on-site soils to backfill behind the wall rock. Using a plate compactor, compact on the blocks to lock them together as well as the area behind the blocks as previously done. Repeat these steps to the top of wall.
5. Install AB Capstones for a clean, finished look. Secure in place with masonry adhesive. For a different finishing option fill the hollow cores and behind the top course with rock, mulch or dirt if plantings are desired up the face of the wall.

Visit allanblock.com for complete installation details.

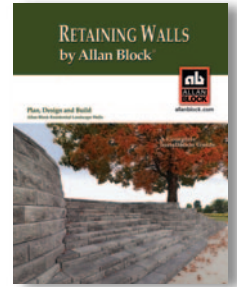
Reinforced Walls



Use AB Reinforcement Grid when required for building taller walls or walls in poor soils.



1. If reinforced walls are needed, excavate behind the wall to accommodate the design length of the geogrid. Refer to your approved plans for exact length. Installing Reinforced Walls will be the same as Gravity Walls for trench and base course installation as shown on previous page. Once base course is installed and compacted, begin installing the first layer of AB Reinforcement Grid by rolling it out along the back of the wall on top of the blocks. Stake grid in place.
2. Continue installing your next courses of blocks as shown in Step 4 under Gravity Walls. Per your approved plans, install geogrid on every other course of the wall.
3. See allanblock.com for complete installation details when installing geogrid on curves and corners.



More Information
Gravity Walls



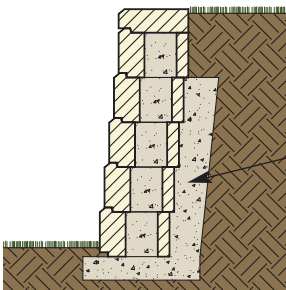
More Information
Reinforced Walls



Installation
Videos

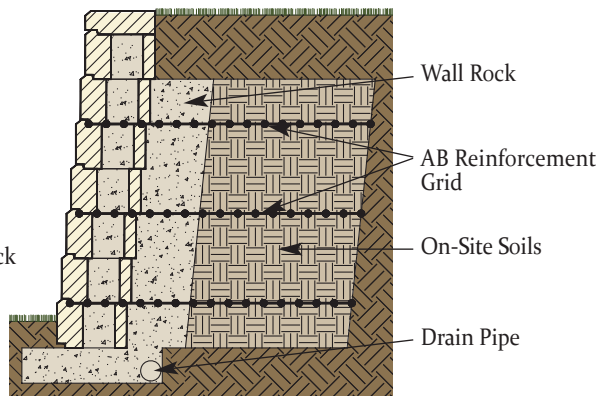
Retaining Wall Types

Gravity Walls



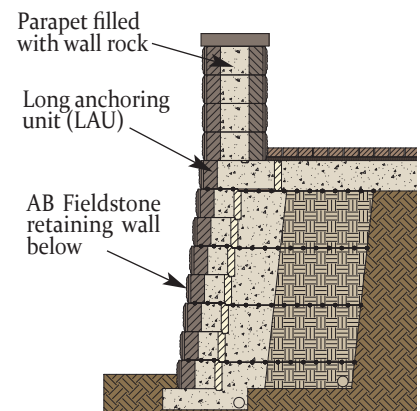
For Gravity Wall Installation -
Walls under 4 ft (1.2 m)

Reinforced Walls



For Reinforced Wall Installation -
Walls over 4 ft (1.2 m)

Parapets with AB Fieldstone



Build free standing parapets
on existing surfaces or above
retaining walls.



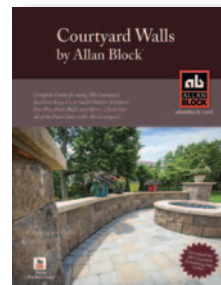
Visit allanblock.com for complete installation details.

Build an Allan Block Courtyard Patio Wall

Panel Installation



1. Determine the location of the wall panel on an existing concrete or paver pad. If installing on soil dig a trench that is 3 in. deep x 7 in. wide (75 mm x 178 mm) the length of the wall panel. Fill the trench with wall rock, compact and level to create a solid foundation.
2. With the raised rings facing up, install the first two courses of block at the same time on the existing patio or level foundation of wall rock. Tamp and level the blocks into place. Install the first two courses at the same time to ensure that the blocks line up properly.
3. Continue stacking courses of blocks in the pattern you have chosen until the desired height is achieved. Remember to offset the block seams on each course of blocks from the course below.
4. Finish the wall panel with Wall Caps. Secure in place with a bead of masonry adhesive.



More Information
Wall Panels



More Information
Posts



Installation
Videos

Post Installation

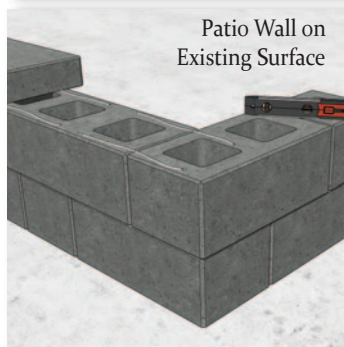
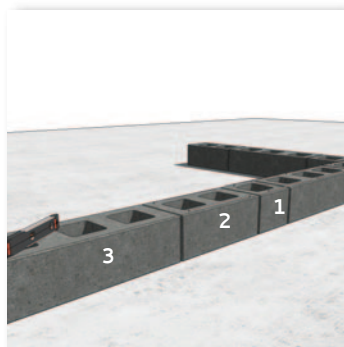


1. Determine the location of the post/pillar on an existing patio. If installing on soil, dig a hole that is 4 in. deep and 24 in. square (100 mm x 600 mm). Fill with wall rock, compact and level to create a solid foundation.
2. Using 4 AB Courtyard Corner Blocks, install the first course by placing the blocks with the long sides facing out. Square up the blocks, tamp into place and level.
3. Continue stacking courses until the desired height is achieved. Alternate between the patterns to offset the seams from the course below.
4. Finish with two Post Caps. Secure in place with a bead of masonry adhesive.

Visit allanblock.com for complete installation details.

Build an Allan Block Metro™ Patio Wall

Installing on Existing Level Surface



1. Mark the location of the wall and using the 1-2-3 Magic Pattern, install the first course. Adjust and shim with asphalt shingles as needed, check for level as you go. Clean off the top of the blocks, then apply a generous bead of flexible construction adhesive on the top of the blocks, running down both sides of the core.

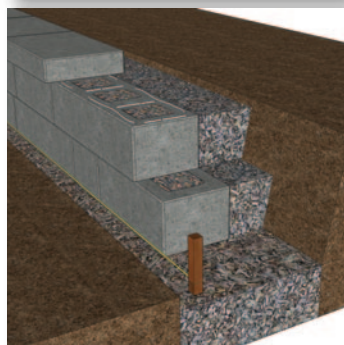
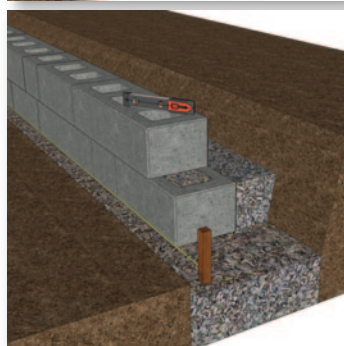
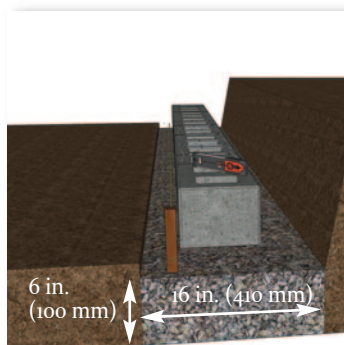
2. Install second course with a 1 core unit centered on a 3 core unit to start the Magic 1-2-3 Pattern. Adjust and level to ensure the blocks are plumb as you stack vertically. Use the flexible construction adhesive to bond and as a leveling agent. Continue using these steps with the 1-2-3 Magic Pattern to top of wall. Remember to check for level and plumb, place flexible construction adhesive on every course and to incorporate columns and corners for stability.

3. Install AB Metro Patio Wall Cappers or countertops as designed for a clean finished look. Secure in place with flexible construction.

See allanblock.com for complete details and pre-designed element layouts.



Installing as Garden/Landscape Wall*



1. Mark the location and remove surface vegetation. Dig a base trench up to 8 in. (200 mm) deep and 16 in. (410 mm) wide. Install wall rock, level and compact the entire trench with a hand tamper. You will need to bury a minimum of 3 in. (75 mm) of the first course.
2. Using the 1-2-3 Magic Pattern, install the first course starting with the 3 core unit followed by the 2 and 1 core on the wall rock foundation by tapping into place with a rubber mallet and leveling each block as you go. A level base course will ensure a quality finished wall.
3. Fill the block cores and backfill behind 12 in. (300 mm) with wall rock. Carefully compact to lock them in place. Sweep the blocks clean, check and adjust for level. Then apply a generous bead of flexible construction adhesive on the top of the block, running down both sides of the core.
4. Place the second course starting with a 1 core unit centered on a 3 core unit to start the Magic 1-2-3 Pattern. Fill the block cores and backfill behind with wall rock. Sweep and check the blocks for level, adjust as needed. Add flexible construction adhesive to adhere the courses together. Install additional courses as designed with same process.
5. Install AB Metro Patio Wall Cappers for a clean, finished look. Secure in place flexible construction adhesive.

*If building on soil, see allanblock.com for complete details.

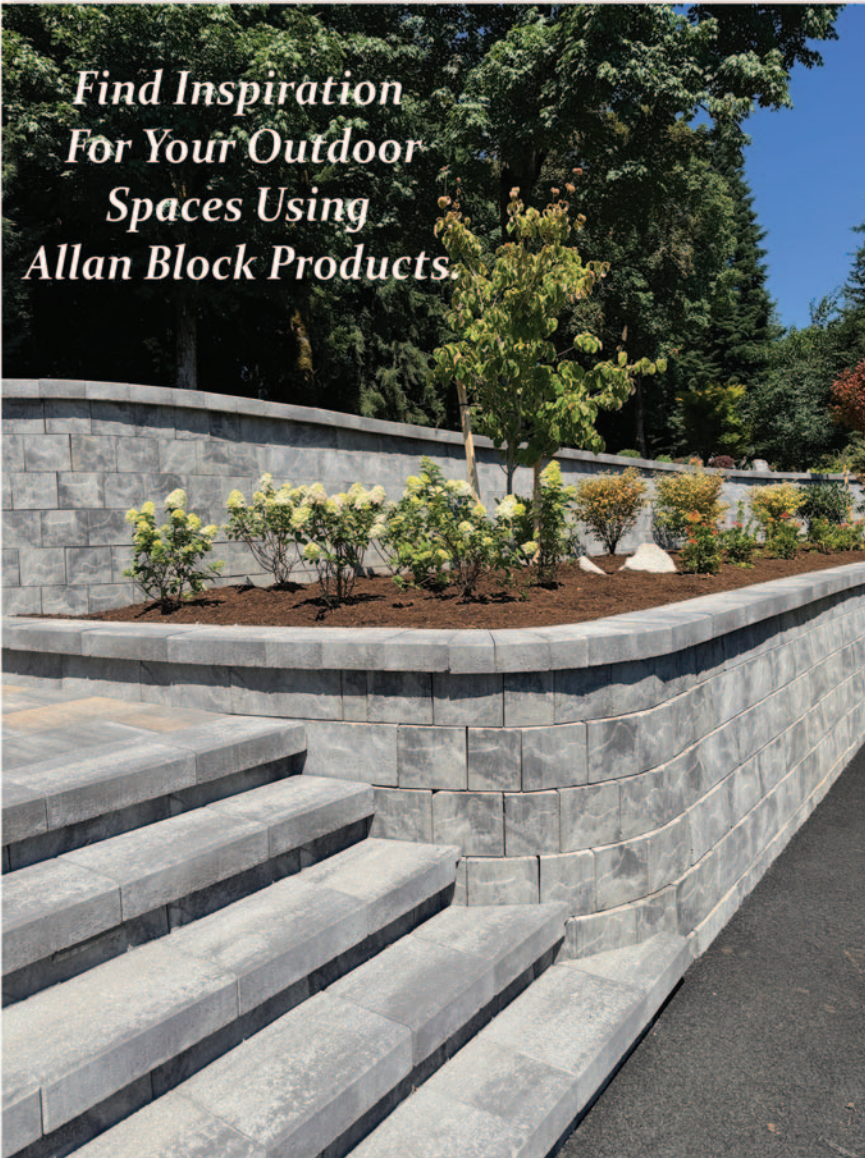


allanblock.com

*Visit allanblock.com for more information
on the ideas and products from Allan Block.*



*Find Inspiration
For Your Outdoor
Spaces Using
Allan Block Products.*



**Estimating Made
Easy - See Here**



**Check Out The
Video Library**