

AB Retaining Wall Estimating Tool



The new web-based AB Estimating Tool is designed to save time while helping to educate on what needs to be considered, estimate the project accurately while following the industry's zero wall failure initiative, and prepare quality results that will help sell the project. From pricing sheets to site concept details and elevation views, this tool will help elevate your proposals and bring value to your customers.

Create a Professional Project Proposal

Completing a proper estimate is one of the most time-consuming

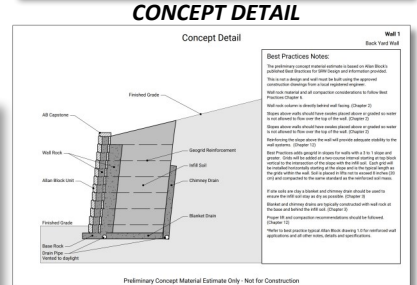
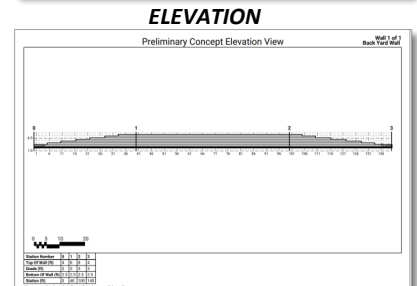
tasks a contractor must deal with. Having an accurate estimate can make or break a contractor's ability to make a profit on the project. Fortunately, Allan Block has provided a solution to the task of completing a proper estimate.

How can we help you communicate to your customers what you can provide to help them understand the scope of your proposal and a clear picture of what they will be getting if they choose you to be their supplier or contractor? With a professional proposal that is customized with your company name and details as well as the terms and conditions that will govern their obligations to your company, you will set yourself apart from your competitors and answer the questions that come during the proposal stage. This should in turn lead them to signing an agreement with you to supply product or to create the additional land or outdoor living space they want or need.

We have taken a three-step approach to the development of our new AB Estimating Tool: Educate, Estimate, Sell

WORKSHEET

Design Parameters		Estimation Quantities										Wall 1 of 1			
Material	Quantity	Unit	Price	Quantity	Unit	Price	Quantity	Unit	Price	Quantity	Unit	Price	Quantity	Unit	Price
AB Block	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00
AB Cap	100	SF	10.00	100	SF	10.00	100	SF	10.00	100	SF	10.00	100	SF	10.00
AB Corner	10	SF	10.00	10	SF	10.00	10	SF	10.00	10	SF	10.00	10	SF	10.00
AB Drain	100	LF	10.00	100	LF	10.00	100	LF	10.00	100	LF	10.00	100	LF	10.00
AB Geogrid	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00
AB Backfill	1000	CY	10.00	1000	CY	10.00	1000	CY	10.00	1000	CY	10.00	1000	CY	10.00
AB Soil	1000	CY	10.00	1000	CY	10.00	1000	CY	10.00	1000	CY	10.00	1000	CY	10.00
AB Drainage	100	LF	10.00	100	LF	10.00	100	LF	10.00	100	LF	10.00	100	LF	10.00
AB Wall	100	LF	10.00	100	LF	10.00	100	LF	10.00	100	LF	10.00	100	LF	10.00
AB Total	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00	1000	SF	10.00



PROPOSAL

Item Description	Unit	Qty.	Price	Estimate
AB Block Collection	SF	1000	10.00	10000.00
AB Capstone	SF	100	10.00	1000.00
AB Drain	LF	100	10.00	1000.00
AB Geogrid	SF	1000	10.00	10000.00
AB Backfill	CY	1000	10.00	10000.00
AB Soil	CY	1000	10.00	10000.00
AB Drainage	LF	100	10.00	1000.00
AB Wall	LF	100	10.00	1000.00
Total (Excludes Plans not included)				60000.00

SCOPE OF WORK

Item Description	Unit	Qty.	Price	Estimate
Preconstruction Activities				5000.00
Site Preparation				5000.00
Foundation				5000.00
AB Block Collection	SF	1000	10.00	10000.00
AB Capstone	SF	100	10.00	1000.00
AB Drain	LF	100	10.00	1000.00
AB Geogrid	SF	1000	10.00	10000.00
AB Backfill	CY	1000	10.00	10000.00
AB Soil	CY	1000	10.00	10000.00
AB Drainage	LF	100	10.00	1000.00
AB Wall	LF	100	10.00	1000.00
Total				60000.00

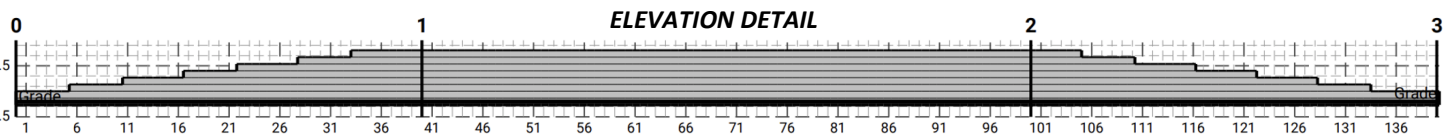
Preliminary Concept Material Estimate

Design Parameters	Estimation Quantities	Wall 1 of 1
Material	Quantity	Unit
AB Block	1000	SF
AB Cap	100	SF
AB Corner	10	SF
AB Drain	100	LF
AB Geogrid	1000	SF
AB Backfill	1000	CY
AB Soil	1000	CY
AB Drainage	100	LF
AB Wall	100	LF
Total	1000	SF

Product Options: AB Collection - AB Classic - Grey AB Collection - AB Classic - Cascade Blend	Company Name: ABC Address: 123 Main St City, State: Anytown, NJ Postal Code: 12345 Phone Number: 888-555-1212
Number of Walls: 1 Max Height: 5.5 ft Total Length: 140 ft	
Worst Case Soil: Clay Surcharge: 4:1 Slope	

The accuracy and use of numbers contained in this document and program are the sole responsibility of the user of this program. Allan Block Corp. assumes no liability for the use or misuse of this worksheet. The user must verify each estimate and calculation for accuracy as they pertain to their particular project. If AB Corner units are intended for use on this project, the designer must verify their availability with the local Allan Block Manufacturer. Please note that the quantities for AB Corner units are not estimated automatically. The user must manually determine the number of AB Corner units needed for their particular project.

Project Name: ABC Residence
Project Number: 2024-3
Project Location: Anytown, USA
Date: March 19, 2024
Prepared By: dlc



AB Retaining Wall Estimating Tool

Educate - Gain a thorough understanding as you work through the AB Estimating Tool. Information is presented in a way that will help educate you on the How and Why along with links to answer questions and help make appropriate choices.

- ⇒ **Allan Block Workshop Videos**
- ⇒ **Useful Resources**
- ⇒ **On Screen Definitions & Examples**



Useful Resources

[Residential Retaining Wall Installation Manual](#)
For walls under 6ft in height. (1.83 Meters)

[Commercial Retaining Wall Installation Manual](#)
How to Build Commercial Walls

[Design Ideas Book](#)
Find Inspiration for your next project.

[Allan Block Best Practices For Retaining Wall Construction](#)

Estimate— This tool will provide an estimate of all materials needed. Depending on who will be using the tool, the addition of labor, equipment, pavers, and so much more can be included in the estimate. The tool will allow you to layout and estimate multiple walls on the same site and have their material quantities detailed by each wall and in a summary fashion.

Sell— The Proposal Package will provide a professional output that can create a preliminary estimate for project costs based on the industry best practices for both design and construction.



- ⇒ **Cover Page**
- ⇒ **Elevation view**
- ⇒ **Estimation Quantities per Wall**
- ⇒ **Estimation Summary**
- ⇒ **Proposal (contractor)**
- ⇒ **Scope of Work (contractor)**
- ⇒ **Contract (contractor)**
- ⇒ **Equipment Estimation**
- ⇒ **Concept Detail**

Integrate your Project Proposal with specific pricing for both materials and the product you suggest to provide, including pavers and seating walls.

The pricing spreadsheets that accompany the AB Estimating Tool provides the ability to set pricing that is flexible enough for different market segments, customer groups, and even project specific needs. Quoting projects becomes much easier each time you help with an estimate, saving you and your team valuable time.

Product	Setback	HEIGHT (ft)	LENGTH (ft)	DEPTH (ft)	WIDTH (ft)	AREA (sq ft)	PRICE
AB Core	10'	5.0'	17.0'	11.5'	7.5'	60	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB Double	10'	5.0'	17.0'	11.5'	10	300	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB One Stone	10'	5.0'	17.0'	11.5'	10	60	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB Border One	10'	5.0'	17.0'	11.5'	25	150	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB Stone	10'	5.0'	17.0'	11.5'	60	300	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB Standard	10'	5.0'	17.0'	11.5'	40	200	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00

Product	HEIGHT (ft)	LENGTH (ft)	DEPTH (ft)	WIDTH (ft)	AREA (sq ft)	PRICE	
AB Core	6"	36.5'	7'	10'	72	360	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB Double	6"	36.5'	7'	10'	144	720	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB One Stone	6"	36.5'	7'	10'	72	360	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB Border One	6"	36.5'	7'	10'	180	900	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB Stone	6"	36.5'	7'	10'	180	900	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00
AB Standard	6"	36.5'	7'	10'	144	720	Concrete Block 8.00
							Rocky Mtn. Blend 8.00
							St. Vrain Blend 8.00
							Rocky Mtn. Blend 8.00

Product	HEIGHT (ft)	LENGTH (ft)	DEPTH (ft)	WIDTH (ft)	AREA (sq ft)	PRICE	
AB Core	2.50%	5.5'	3.75'	152	836	4180	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB Double	2.50%	5.5'	3.75'	384	2122	10610	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB One Stone	2.50%	5.5'	3.75'	160	880	4400	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB Border One	2.50%	5.5'	3.75'	400	2200	11000	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB Stone	2.50%	5.5'	3.75'	400	2200	11000	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB Standard	2.50%	5.5'	3.75'	384	2122	10610	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75

Product	HEIGHT (ft)	LENGTH (ft)	DEPTH (ft)	WIDTH (ft)	AREA (sq ft)	PRICE	
AB Core	3x30	6	5	15	75	375	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB Double	3x30	6	5	30	150	750	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB One Stone	3x30	6	5	15	75	375	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB Border One	3x30	6	5	30	150	750	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB Stone	3x30	6	5	30	150	750	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75
AB Standard	3x30	6	5	30	150	750	Concrete Block 1.75
							Rocky Mtn. Blend 1.75
							St. Vrain Blend 1.75
							Rocky Mtn. Blend 1.75



NOW AVAILABLE IN 11 LANGUAGES!!

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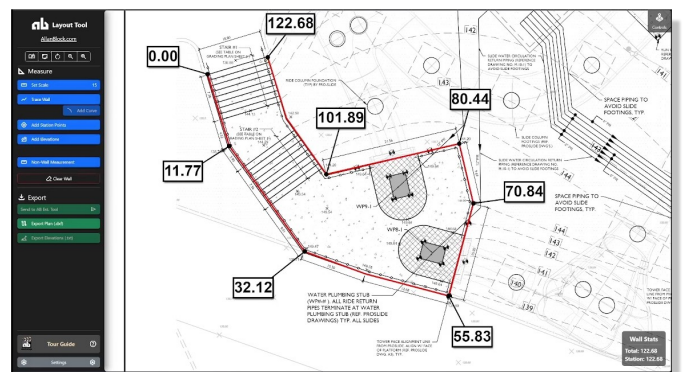
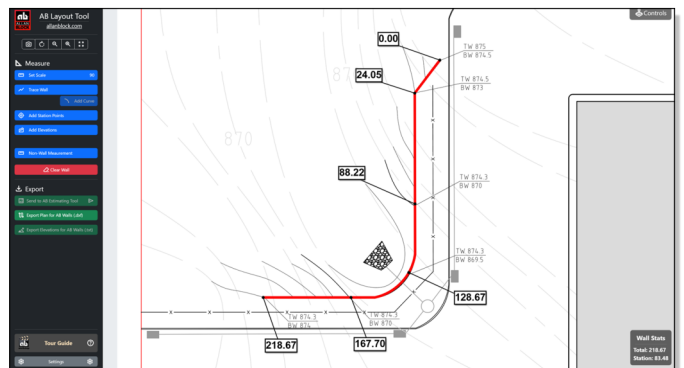
AB Layout Tool for Accurate Estimates

The Allan Block Layout Tool streamlines data collection for our Design and Estimating Tools. It offers a visual, interactive interface that enables users to gather retaining wall plan view geometry and engineering data points for stations, top of wall, and grade directly from PDFs provided by Design Professionals.

⇒ **Faster Estimating:** The tool speeds up your workflow by allowing you to send stationing data directly to the AB Estimating Tool, minimizing the need for repetitive data entry.

⇒ **Seamless Integration:** Design professionals can easily export plans and elevation views as downloadable files. These files can then be imported into AB Walls, streamlining the entire design and construction process.

⇒ **Increased Accuracy:** By tracing walls directly from digital plans, the chances of measurement errors are significantly reduced, giving you more confidence in your estimates.



How do you use the AB Layout Tool?

1. Load Your Plan: Select a PDF document on your computer.
2. Set Scale: Click on two points with a known distance between them then enter the distance.
3. Trace the Wall: Click on the starting point of the wall, then click on each point where the wall changes in direction. Use the "Add Curve" to account for any radius in the wall. Press "Enter" to complete the wall tracing.

Schedule your AB Layout Tool Tutorial Today!!!

Call 800-899-5309 ext.3 or email engineering@allanblock.com.

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