

## OUR STORY

The Pacific Coast Building Products family originated in 1953 when a young man opened his business in Sacramento, California.

Through the humble beginnings of Anderson Lumber, owner

Fred Anderson expanded his company into several building product-related businesses and has flourished ever since. In 1979,

Basalite Concrete Products became part of the PCBP family.

Today Basalite has become one of the largest suppliers of concrete masonry products in Western North America. Our product lines include structural block, interlocking paving stones, wall systems, retaining walls, ornamental and garden products, and a full range of packaged concrete/mortar products.



Proto II™ Fence Wall System



605 Industrial Way  
Dixon, CA 95620  
800-776-6690

11888 West Linne Road  
Tracy, CA 95376  
800-776-6690

1201 Golden State Blvd  
Selma, CA 93662  
559-896-0753

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[www.basalite.com](http://www.basalite.com)



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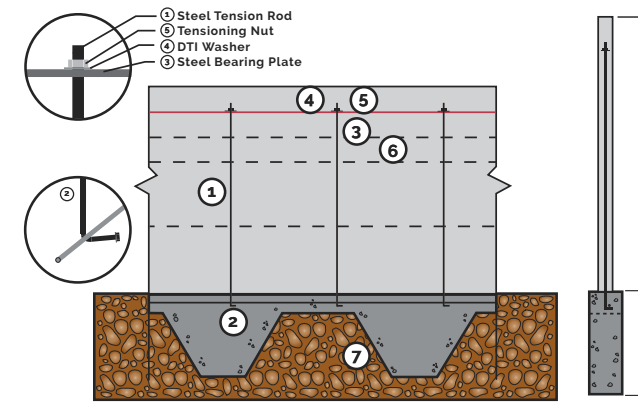


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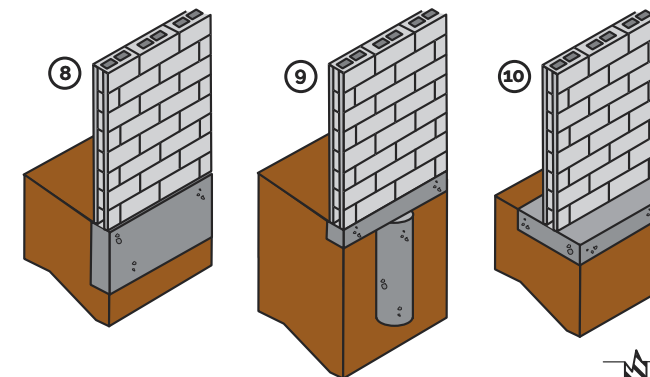
## INSTALLATION

Engineered to heights of: 4" wide units can be built to 6'8", 6" wide units can be built to 9'4", 8" wide units can be built to 12'.



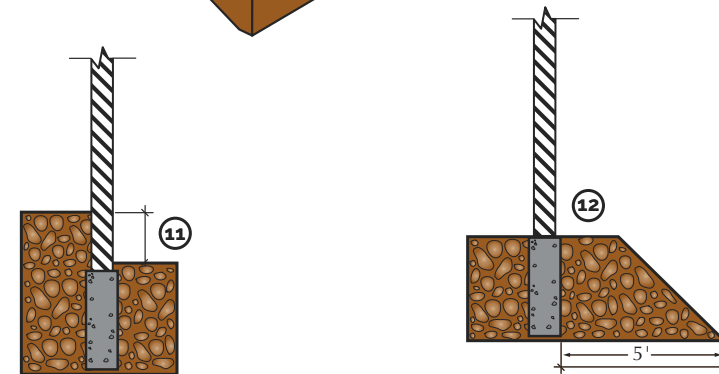
### The System

(1) The basic Proto II™ System consists of high-strength tension rods; (2) "L" hooked under a single #4 rebar in the footing; (3) a 1/4" steel bearing plate; (4) direct tension indicating (DTI) washer; (5) tensioning nut; (6) joint reinforcement at specified locations. Walls over 6 feet in height may have additional requirements.



### Footing Types

Four footing types accommodate a variety of site conditions: (7) dip footing uses a setting pad spanning a series of "dips"; (8) trench footing; (9) pier footing; (10) spread footing.



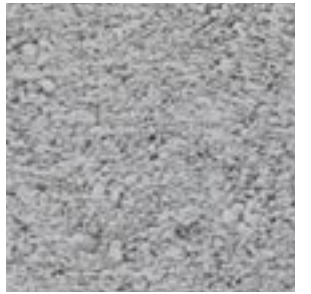
### Retaining

Proto II™'s innovative engineering provides retaining capabilities without any change in wall design. Measured in terms of "low soil" to "high soil" (11), a 4" wide Proto II™ wall can retain 1'4", a 6" wide Proto II™ wall can retain 3', and an 8" wide Proto II™ wall can retain 3'. Engineering for higher retaining conditions is also available.

### 5' to Daylight - 2:1 Slope

Significant savings occur in 5' to daylight, 2:1 slope condition. Standard Proto II™ footings with 2'4" deep dips meet the 5' to daylight requirements without any buried courses (12). First course is at or near grade. In addition, the amount of soil displaced can be one-third to one-fourth that of conventional walls.

## COLORS



Standard 225



Standard 345

NOTE: Printed colors shown in this brochure may vary from actual product colors. We recommend color selection be made from actual product samples. Custom colors are available by special order - please contact your Basalite representative for lead time.

# PROTO II™ FENCE WALL SYSTEM

## Post Tensioned Masonry

The Proto II™ Wall System is a patented and engineered masonry wall design that uses post tensioning to structurally support masonry in lieu of rebar and grout. The Proto-II™ is available in 4", 6" and 8" wide units along with a variety of cap options. Precision, split face, and slump stone blocks can be used to create a desired look that fits within the customer's budget.

The post tension design is constructed by using concrete footings and concrete masonry units conforming to ASTM C 90. High strength steel tension rods are connected to rebar in the footing. A steel bearing plate, a high grade nut and a Direct Tension Indicator (DTI) washer are installed near the top of wall. The rod, plate and nut assembly are tightened to a specific torque rating which collapses the DTI to achieve the specified tension within a 3% tolerance. The tensioning results in compression distributed throughout the wall, dramatically increasing its strength and load capacity over conventional grouted masonry walls.

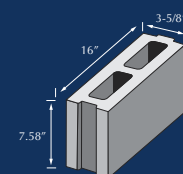


## FEATURES

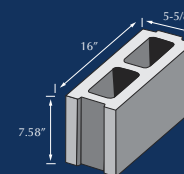
- Structural Stability and Strength
- Cost-Effective Construction
- Quality Assurance Through Inspection
- Thinner Walls
- Smaller Footings
- Site Specific Engineering
- Less Soil Displacement

## SPECIFICATIONS

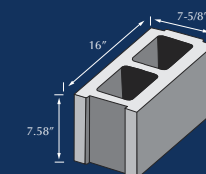
Units and caps are sold separately.



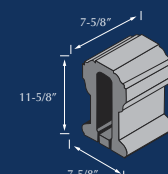
Style: 4 Inch Unit  
Weight: 22 lbs  
Units/Pallet: 180



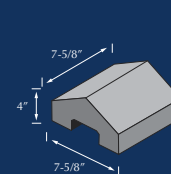
Style: 6 Inch Unit  
Weight: 25 lbs  
Units/Pallet: 120



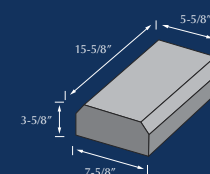
Style: 8 Inch Unit  
Weight: 28 lbs  
Units/Pallet: 90 (split) 108 (smooth)



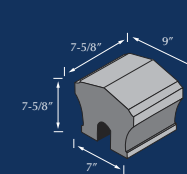
Style: Regal Cap  
Weight: 25 lbs  
Units/Pallet: 120



Style: Gable Cap  
Weight: 15 lbs  
Units/Pallet: 336



Style: Beveled Cap  
Weight: 23 lbs  
Units/Pallet: 144



Style: Crown Cap  
Weight: 75 lbs  
Units/Pallet: 120



Interested in exploring Basalite's wide range of block products, styles and colors? Visit us online at [basalite.com](http://basalite.com) and access a variety of resources and tools designed to assist you with your next project.