

INSTALLATION GUIDE

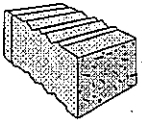
PARKWALL® & PARKWALL® ANTICO



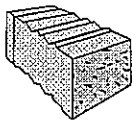
SANTERRA™
STONECRAFT

519-944-7737
5115 Rhodes Dr.
Windsor, Ontario

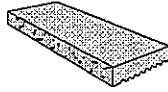
SINGLE STRAIGHT UNIT



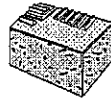
SINGLE WEDGE UNIT



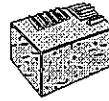
STRAIGHT COPING



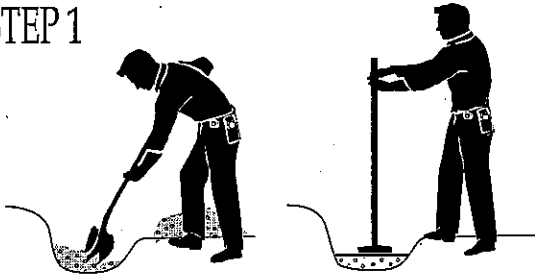
LEFT CORNER UNIT



RIGHT CORNER UNIT



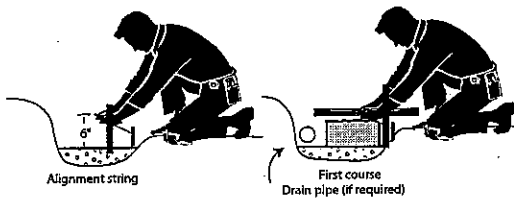
STEP 1



Excavating and Base Preparation:

Determine and mark off where the wall is to be placed. Excavate a trench from 8" (20.32 cm.) to 12" (30.48 cm.) deep by at minimum 18" (45.7 cm.) wide [for a wall height to 30" (76.2 cm.) maximum]. For a wall 3" (91.44cm.) to 4" (121.9 cm.) high, excavate to approx. 16" (40.64 cm.) deep. Compact the undisturbed soil in the trench if possible. Place 4" (10.16 cm.) to 6" (15.24 cm.) of crushed gravel and compact well. With a level make sure the compacted base is level front to back and side to side. To ensure stability, usually the first row, acting as footing is half buried below the ground level. The full base course would be buried for a higher wall.

STEP 2



Base Course

With pegs at either end of the trench, stretch a string (mason's line) to mark the front of the first course units. Place the string 6" (15.24 cm.) above the compacted base (the height of each unit). The Parkwall® is shipped in double units. Split the double unit and start placing each individual unit as desired split face in line with the string. Ensure it is level from side to side and front to back. Use a rubber hammer to tap in some units to the proper level. Complete this first course by placing the units next to each other similarly. In a poorly drained area, a drain pipe should be placed level with the bottom of the first course or slightly below. Be sure it is a proper drain pipe and it comes covered with filter cloth or you can cover it yourself with filter cloth in order to prevent any fine materials from clogging it. If possible have this pipe drain out to a lower portion of ground at one or both ends of your wall.

(Note: This drain pipe is not always required for lower walls.)

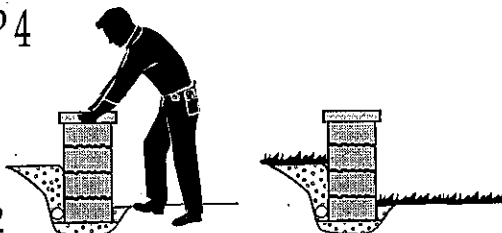
STEP 3



Building the Wall and Backfilling

With the first course completed, level & straight, start on the second course. Place the units on top of the previous course in a running bond pattern (joints offset from the joint below). Set the unit as desired for a straight vertical wall or a 1" (25.4 mm.) set back wall. After course number 2 you should start backfilling. After each successive row, compact the granular backfill as well. For both low walls as well as higher walls granular backfill is compacted between the wall and the bank it is in front of. The granular backfill allows water to drain properly from the bank as well as rain or melting snow. Filter cloth should be placed between the granular backfill and the undisturbed earth (the bank). This will keep the granular backfill from being clogged by the soil. Follow this procedure for each succeeding course to the height required.

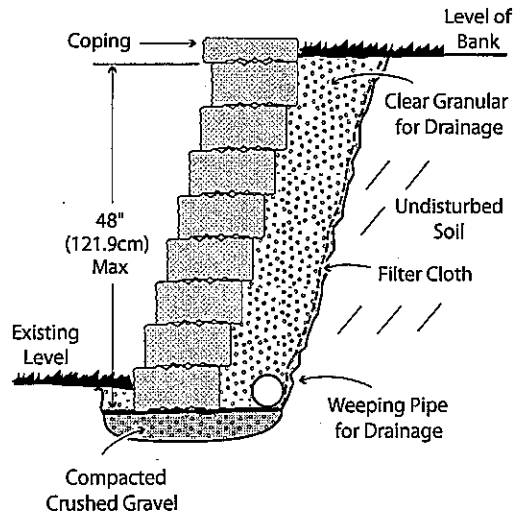
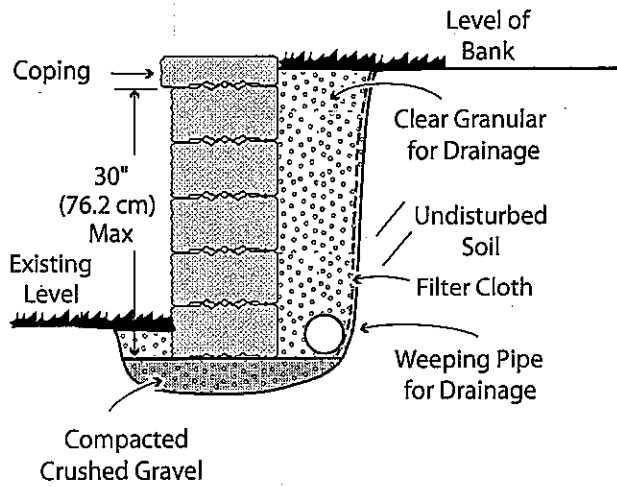
STEP 4



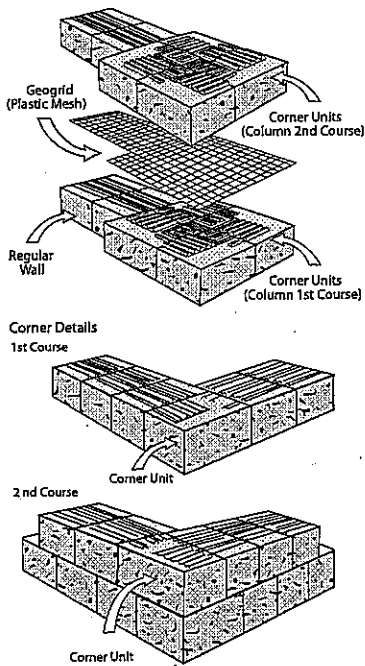
Top Coping and Finish Grading

Once the wall is complete, finish by topping with Parkwall® coping units. Use only recommended concrete adhesives to secure the coping to the top of the wall. Place a row of the adhesive bead or butyl tape on both sides of the wall approx. 1" (25.4 mm.) in from front and back, the total length of the wall for better stability.

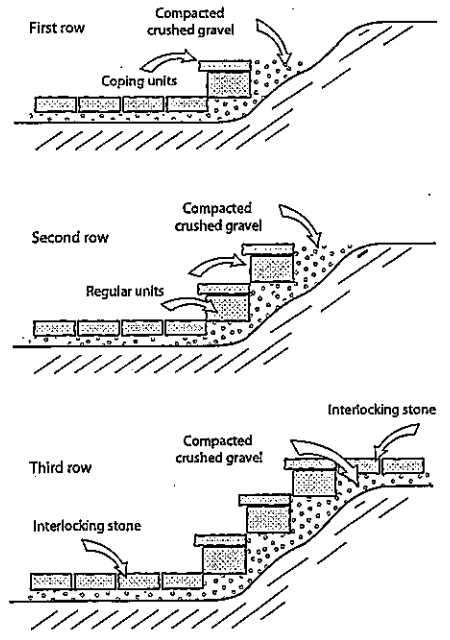
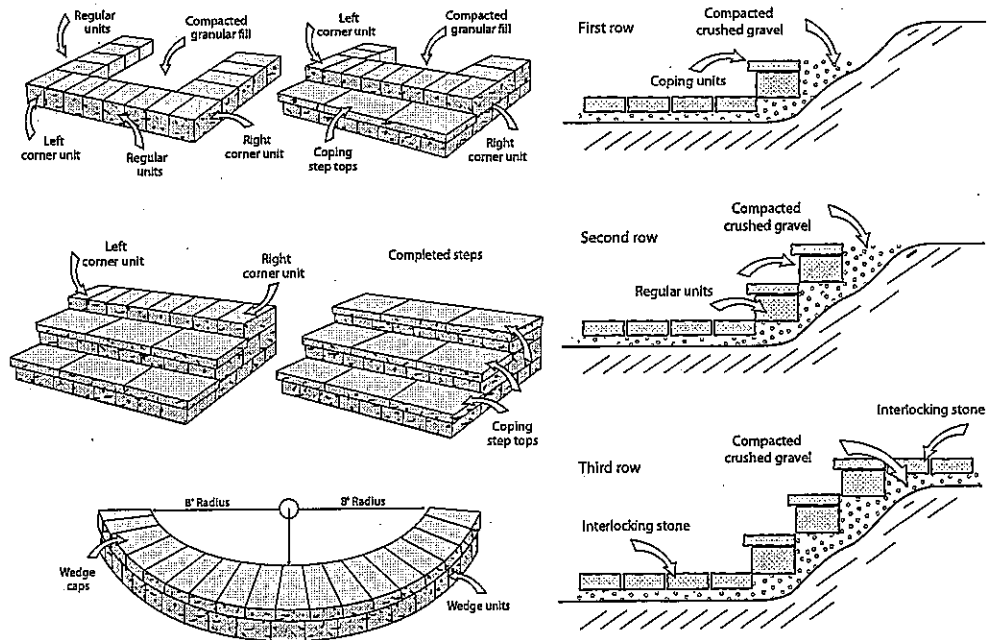
BASIC ENGINEERED CROSS SECTIONS



BUILDING CORNERS



BUILDING STEPS



DESIGN OPTIONS

