

# Keystone System

## DESCRIPTION

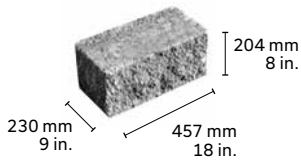
- > Product certified by the *Ministère des Transpirt du Québec*
- > For designing walls with a geogrid reinforcement, consult your Permacon sales representative

This system allows for the construction of the wall up to 10 meters high.

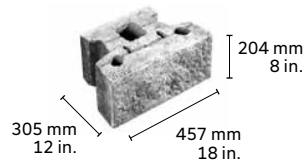


## STRAIGHT FACE UNITS

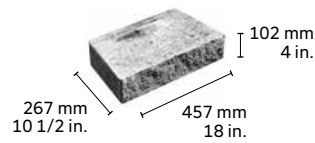
### CORNER UNIT



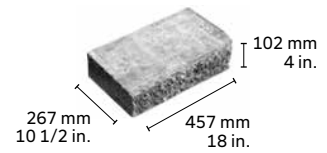
### COMPACT UNIT



### BEVELLED CAPPING UNIT



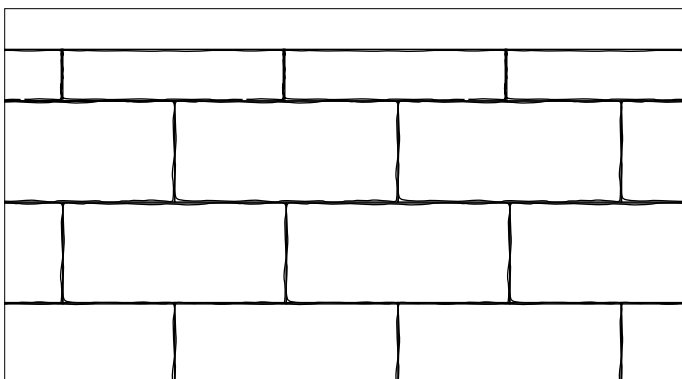
### STRAIGHT CAPPING UNIT



All units are sold seperately.

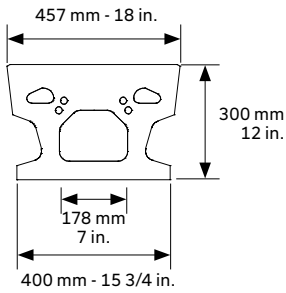
## LAYING PATTERN

### LINEAR PATTERN

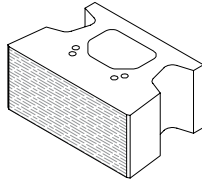


# KEYSTONE SYSTEM

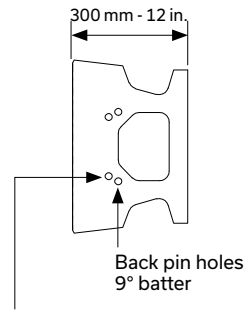
## ANCHOR PIN SYSTEM



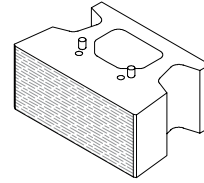
KEYSTONE UNIT  
Straight face compact  
VIEW FROM UNDERNEATH



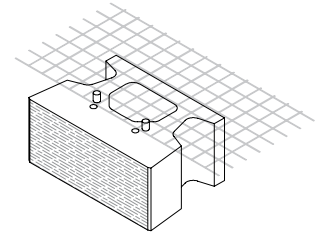
KEYSTONE UNIT  
Straight face compact  
ISOMETRIC VIEW



Front pin holes  
near vertical wall (2°)

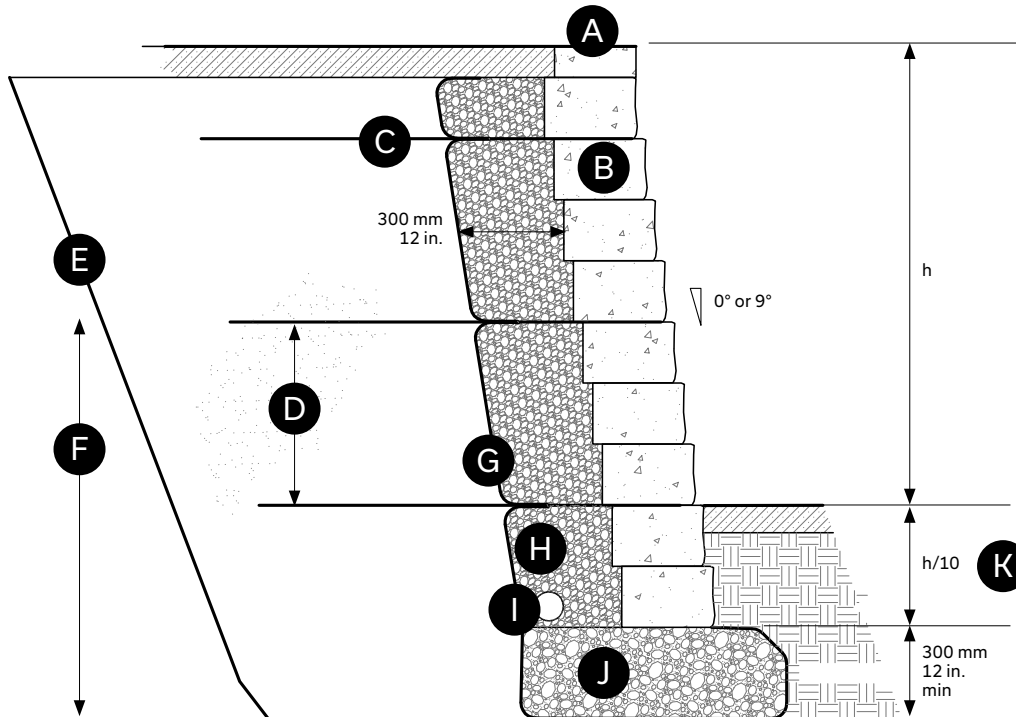


Insert connecting pin into  
pin holes



Geogrid  
installation

## CROSS-SECTION



- A** 102 mm - 4 in. capping unit
- B** 200 mm - 8 in. Keystone unit
- C** Typical geogrid (for conception contact your Permacon sales representative)
- D** Compacted reinforced zone, Class A sand
- E** Excavation slope
- F** Existing soil
- G** Geotextile
- H** Clean stone 20 mm - 3/4 po
- I** Perforated drain connected to services: 100 mm Ø - 4 in.
- J** Compacted granular foundation 0 to 20 mm - 0 to 3/4 in.
- K** Minimum buried depth largest 200 mm - 8 in. or h/10