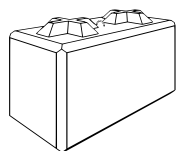
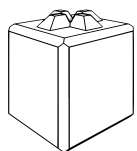


Lock-BlockTM Retaining wall systems

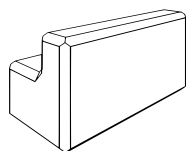




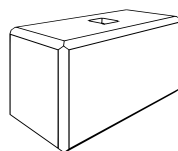
FULL



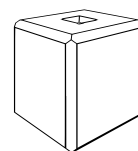
HALF



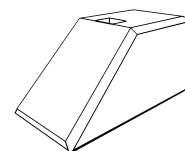
BENCH



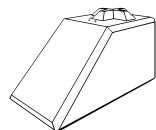
FLAT



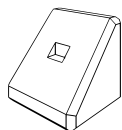
1/2 FLAT



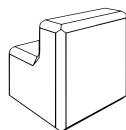
FLAT TRANSITION



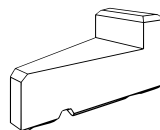
TRANSITION



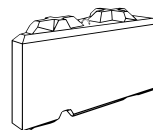
1/2 TRANSITION



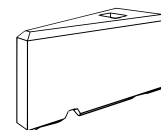
HALF BENCH



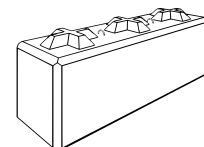
BENCH WEDGE



WEDGE



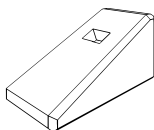
FLAT WEDGE



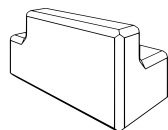
3 CROSS



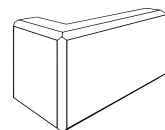
1/2 HEIGHT HALF



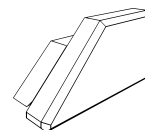
2 TO 1 TRANSITION



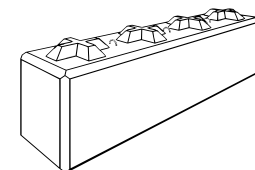
LEFT INSIDE CORNER BENCH



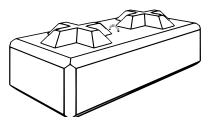
LEFT CORNER BENCH



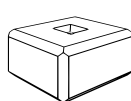
LEFT BENCH TRANSITION



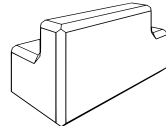
4 CROSS



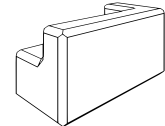
1/2 HEIGHT FULL



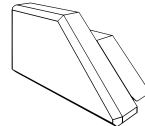
1/2 HEIGHT HALF FLAT



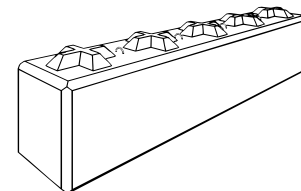
RIGHT INSIDE CORNER BENCH



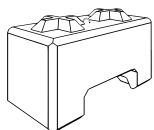
RIGHT CORNER BENCH



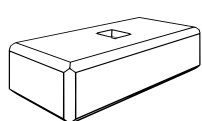
RIGHT BENCH TRANSITION



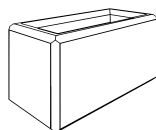
5 CROSS



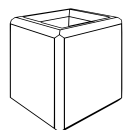
GUTTER



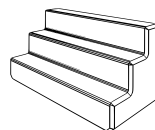
1/2 HEIGHT FLAT



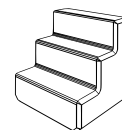
PLANTER



1/2 PLANTER



STAIRS



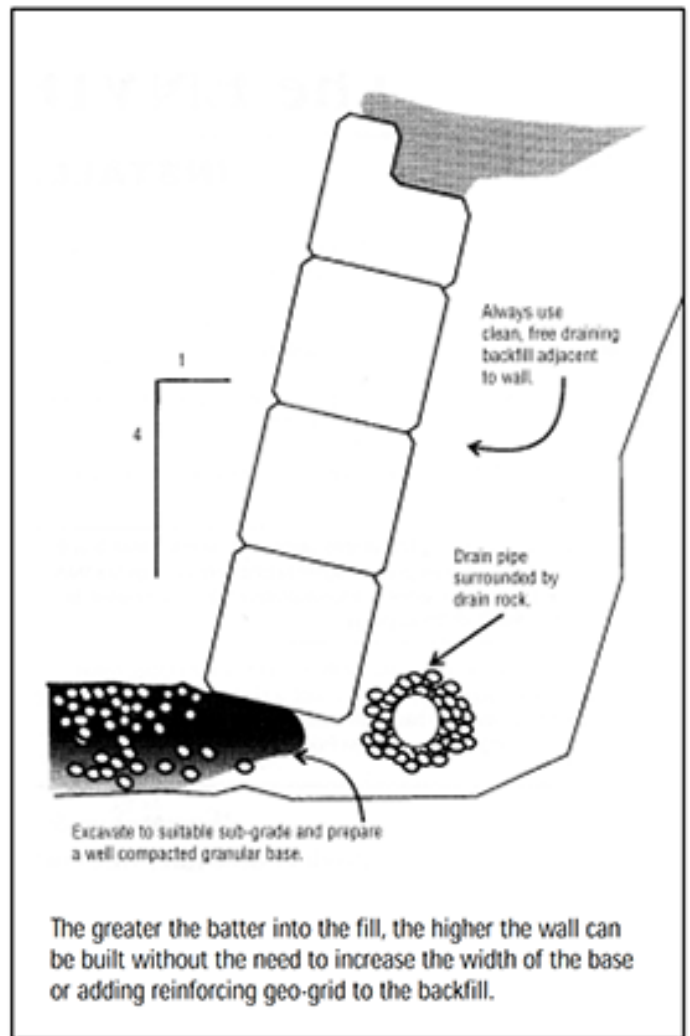
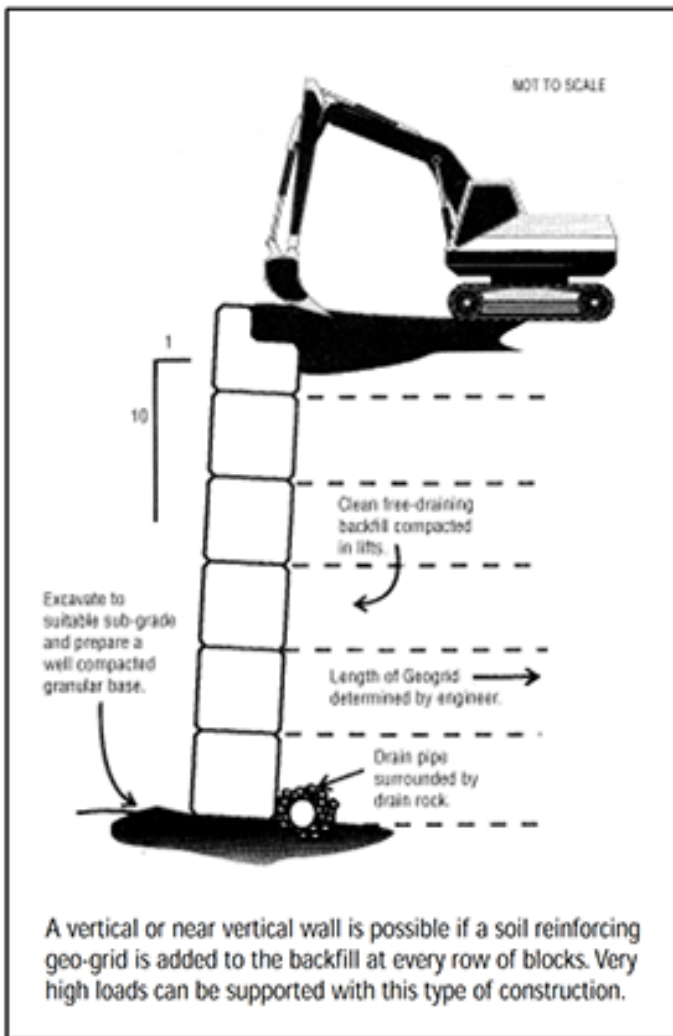
1/2 STAIRS

WARNING

No construction should be undertaken without professionally engineered specifications for the site and issuance of proper permits.



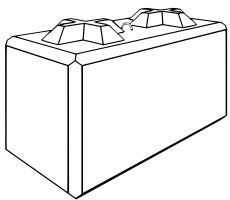
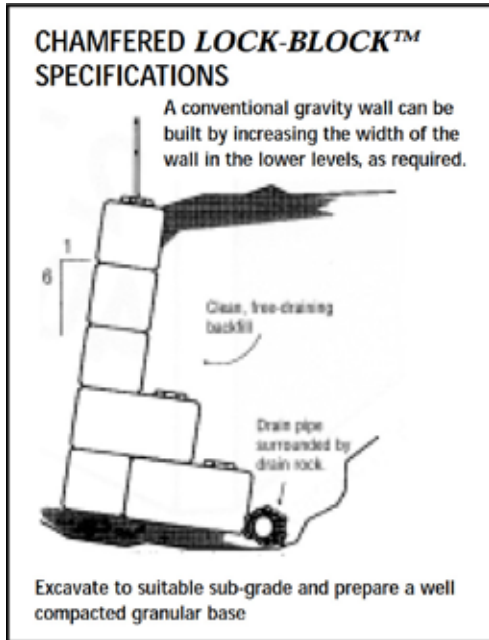
Photo captions:



SIZE	29.5" X 29.5" X 59", (750mm x 750mm x 1500mm) approx 2.5' x 2.5' x 5'
WEIGHT	1960 kg (4320 lbs.)
CLEARANCE AROUND KEY	1/2" (12mm). The chamfered (chamfer dimensions – 50mm) corners provide approximately 8 in2 of drainage area per block.
LIFTING PROVISION	A galvanized 7 strand steel loop at top centre of each block
MINIMUM RADIUS OF CURVATURE	23m (75') for walls one block thick
SURFACE FINISH	Standard Grade: 1 full face without large blemishes Utility: All faces may contain large surface blemishes such as honeycomb, chips etc.
CONCRETE STRENGTH	Blocks are manufactured with return concrete and strength levels will vary. Extra charges will be quoted for guaranteed concrete strength, if required.
AVERAGE PLACEMENT TIME	10 blocks per hour (bottom row), 20 blocks per hour (other rows)

MINIMUM CONSIDERATIONS FOR QUALIFIED ENGINEERS INCLUDE:

1. Always use free draining gravel or sand and gravel backfill to allow drainage. Where high groundwater conditions occur in the native ground, chimney or blanket drains may be required.
2. Coulomb (sliding wedges) or Rankine (earth pressure) analysis can be used to determine adequate resistance to sliding and overturning of the blocks.
3. Analysis must include additional loading effects of sloping backfill.
4. Additional transient or permanent loads behind the wall.
5. Bearing capacity of foundations including additional loads from backfill on wall.
6. should be considered.
7. Prevent migration of fines through wall by use of filter material.
8. Prevent migration of subgrade into backfill.
9. Consider overall stability of retaining wall, backfill and subgrade.



Lock-Block™

Retaining wall systems

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