TERRANeWS 5/2002

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Terraforce complies with International Building Code 2000.

Evaluation Report E.R. 5448 2002 has been released by the International Conference of Building Officials of Los Angeles.

Previously Terraforce L18 blocks where evaluated for compliance with Universal Building Code, ASTM and N.C.M.A. standards. Evaluation Report 5448 2002 also covers evaluation for compliance with I.B.C. 2000 (International Building Code).

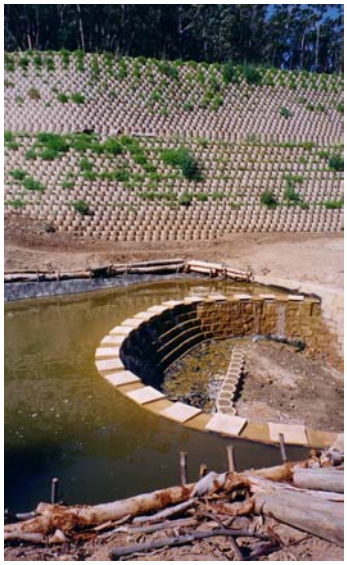
"ICBO is a founding member of the International Code Council® (ICC®), a non-profit organization dedicated to promulgating a single set of comprehensive and coordinated national codes. These codes make it easier and more cost-effective for building professionals to comply with U.S. code requirements and present a single set of codes and standards for international builders and suppliers. This family of International Codes™ is one of the greatest developments in code history"

Evaluation was based on the results of rigorous testing conducted at the laboratories of Bathurst Clarabut Geotechnical Testing Inc. Kingston, Ontario. The following tests were conducted:

- Interblock shear resistance
- Whole block compressive strength
- Geogrid pullout resistance

In the pullout tests, the primary mode of failure was rupture of the geogrid outside the blocks and performance was found to be above average, based on experience with a large number of systems tested over many years.

Based on two previous design manuals issued by Terraforce, covering conventional gravity retaining as well as composite, reinforced earth type walls, the report was issued on the 1st Feb. 2002. Report #E.R.5448 looks at compliance with International Codes in respect of materials, tolerances, design and installation procedures. It recommends that structural analysis is based on Terraforce design manuals (1991 + 1995) and the NCMA design manual (1993).



Weir and 12m high retaining wall

Wall with mixed pattern elevation