



Report of "L" Bracket Pullout Testing

Client: Gridworx, Ltd. **Report No.:** 13916 - 302/L302
Project: Anchor 302 / "L" Bracket L302 Pullout Test
Project No.: 20-00157-900-01 **Date of Service:** 3/19/2020


Construction Testing Sciences (CTS) was retained by Gridworx, Ltd. to perform pullout testing on "L" brackets from kerfed stone anchors. This testing was performed on "L" brackets identified as L302. This testing was performed utilizing Thin Veneer Intermediate "T" anchors 302. This testing was achieved by securing a 12" long section of 302 anchor to a rigid test fixture which was secured to the tensile test machine. A 6" long piece of L302 "L" bracket was then inserted into the tab of the 302 anchor. A tensile fixture was then secured to the leg of the "L" bracket to allow for tensile loading. A tensile load was then applied to the "L" bracket until failure. Results of these tests are given below.

Sample No.	Ultimate Load (lbs.)	Failure Mode
1	525	L Bracket failure
2	518	L Bracket failure
3	527	L Bracket failure
4	528	L Bracket failure
5	539	L Bracket failure
Average	527	

Note: The L bracket did not pull out of the anchor. All failures consisted of the short leg of the L bracket tearing from the long leg of the bracket.

We trust the information provided is acceptable for your use. If you have any questions or require additional information please contact us.

Respectfully submitted,



Jack Gary
 General Manager

LIMITATIONS: The test results presented herein were prepared based upon the specific samples provided for testing. We assume no responsibility for variation in quality (composition, appearance, performance, etc.) or any other feature of similar subject matter provided by persons or conditions over which we have no control. Our letters and reports are for the exclusive use of the clients to whom they are addressed and shall not be reproduced except in full without the written approval of Construction Testing Sciences, LLC.