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# Report of "L" Bracket Pullout Testing

**Client:** Gridworx, Ltd. **Report No.:** 13916-212/L211
**Project:** **Anchor 212 / "L" Bracket L211 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 L211. This testing was performed utilizing Slim Extended Intermediate "T" anchors 212. This testing was achieved by securing a 12" long section of 212 anchor to a rigid test fixture which was secured to the tensile test machine. A 6" long piece of L211 "L" bracket was then inserted into the tab of the 212 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 | 2330 | L Bracket pullout |
| 2 | 969 | T anchor deformation |
| 3 | 988 | T anchor deformation |
| 4 | 1133 | T anchor deformation |
| 5 | 1048 | T anchor deformation |
| **Average** | **1294** | |

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