



Concrete and Reinforced Concrete Construction (Paperback)

By Homer Austin Reid

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1907 Excerpt: .and longitudinal reinforcing were removed and the concrete core, having a length of 4 ft. 3 ins., could not only be handled without breaking, but when placed on two blocks 3 7/2 ins. apart, it required a load of 55 lbs. to break it by Ming. One half of the same core not so much bent was put on two supports 20J/2 ins. apart, and required a load of 428 lbs.,0 break it. This indicates a tensile resistance at the extreme fiber of 205 lbs. per sq. in. In another experiment a metal tube 7J/2 ins. in diameter was filled with Portland cement and bent so that the radius of curvature of its neutral axis was 21.6 ins. The metal shell was then removed and a piece of cement cut out. The cement which had been subjected to this great deformation did not break and only...

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