



Conclusion

A 1/2-inch diameter anchor bolt with a 6 inch concrete embedment and spaced 4 feet on center is adequate for the given loading conditions. In lieu of using an anchor bolt, there are many strap anchors that are also available. The strap anchor manufacturer typically lists the embedment length and concrete compressive strength required corresponding to strap gauge and shear and tension ratings. In this instance, a design is not typically required—the designer simply ensures that the design loads do not exceed the strap anchor's rated capacity.



7.6 References

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