

there are Profiles to every Plate (that cannot be well understood without them) the whole is easy to be understood.

That Fortification has not been much improved in many Years past, is owing, I think, to sound Theory and Practice being seldom found in Persons of such Rank and Credit as are generally imployed to fortify Towns: And if some ingenious Man, by great Application in a low Station of Life, does sometimes attain to sound Theory along with Practice, he seldom has the Means to make his Abilities sufficiently known to the World; for all the Endeavours, a Man in low Circumstances can make Use of, to get into a Station where he can make Use of such Abilities as are here meant, are easily baffled by superior judges.

What I have said of Foundations and Walls, is deduced from the Practice and Experience of above Thirty Years, in almost all Kinds of Foundations and Walls, both in the Sea and on dry Land. It may seem to some Readers almost impracticable to construct a Machine to lower Pieces of Masonry of about forty Tons, which I have spoken of in treating of laying Foundations in the Sea: But in the first Place it ought to be considered that it is much easier to lower forty Tons, than to raise so great a Weight; and there cannot be so much Difficulty and Expence in making a Machine to lower Forty Tons, as
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