

C.

2 Enc<sup>s</sup>

14<sup>th</sup>, April, 1897.

Dear Sirs.

I am in receipt of your letter of the 12<sup>th</sup> instant, submitting for the Committee's approval the tracing of the steel boiler to be made by you for the 35" Eley, & in regard thereto I am directed to acquaint you that provided an additional screwed stay be fitted in the combustion chamber back in the centre at the bottom, as amended on the tracing; the combustion chamber top, back & side plating be made  $\frac{7}{32}$ " thick; the two centre longitudinal stays in the bottom row be fitted one inch lower down, i.e. 12 inches from the centre of top row of tubes; the stay tubes be made not less than  $\frac{7}{16}$ " thick; the screwed stays be made of steel, & those in the top row of the back end have each an effective area of not less than 1.13.



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112 square inches, & the other steps in the back end have each an effective area of not less than 1.00 sq. inches; the steel lobe used in the construction of the bales to be tested by the Society's Surveyors & found to conform to the requirements of the Rules; & the bales to be built under the usual conditions of survey & testing & to the local Surveyors' entire satisfaction, it will be approved of by the Committee for the intended working pressure of 90 lbs. per square inch.

The plan sent is herewith returned, & I shall be glad to receive it again from you when noted, in order that it may be handed to the local Surveyors, for his guidance during construction.

I also enclose a formal request form for survey, which kindly fill in, sign & return to me at your early convenience.

I am, Dear Sirs,

Yours faithfully,

Messrs. E. R. & F. Turner,  
St. Peter's & Grey Friars  
Iron Works,  
Ipswich.

Secretary.



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