

ALVORD, BURDICK & HOWSON

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TELEPHONE CENTRAL 9147

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Copy

February 11, 1946

Chicago Bridge & Iron Company
Greenville, Pennsylvania

Att: Mr. A. N. Hopper
Chief Draftsman

Gentlemen:

Re: 95' Diameter x 38' High Standpipe
Carroll Avenue, Roanoke, Virginia
Your Contract 4-4831

We have examined your blue prints of the standpipe for Roanoke and are returning herewith a set of prints. These prints are all marked approved with the exception of the first two prints on which we have questioned the thickness of the second from the top tank plate. Your drawing shows this plate as being 9/32" and this thickness would have a stress of 15,700 lbs. per square inch after allowing for the 85% efficiency of the welded joint. This stress slightly exceeds the specifications and we feel that a 5/16" plate would be better. However, if the substitution of a 5/16" plate would mean holding up the tank construction because of the fact that you do not have such thickness on hand, or some other similar reason, we would approve the 9/32" plate in order to complete the construction in scheduled time.

In regard to the painting of the tank, the cathodic protection has been eliminated and the tank is to be painted in accordance with Addendum No. 1 of Contract "J", copy of which is enclosed.

Yours very truly,

ALVORD, BURDICK & HOWSON,

By E. E. Erickson

EEE:lh

cc - Mr. Charles E. Moore