

February 23, 1938.

Mr. Frank Harvi,
1540 Louisiana St.,
Lawrence, Kansas.

Dear Frank:

We have secured some very interesting material from the University of Chicago regarding concrete tennis courts which I believe will be helpful to you and your committee in planning this project. I shall be glad to have you call at my office to see this material.

Enrollment time is over by now, and yesterday afternoon as I was driving up the south side of the hill while the sun was shining, I saw a blue bird and a robin. So I stopped a minute, and they said, "Court! Court!"

They also said that election time will soon be here again, and they are afraid this committee won't get anything done.

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

FCA:AH

February 22, 1938.

Mr. Frank Harwi,
1540 Louisiana St.,
Lawrence, Kansas.

Dear Frank:

We have secured some very interesting material from the University of Chicago regarding concrete tennis courts which I believe will be helpful to you and your committee in planning this project.

I shall be glad to have you call at my office to see this material.

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

h

February 7, 1938.

Mr. Lyman R. Flock,
Superintendent of Buildings and Grounds,
University of Chicago,
Chicago, Illinois.

Dear Mr. Flock:

We are very much interested in the article in the January issue of the ATHLETIC JOURNAL on "Concrete Tennis Courts Ideal for Student Use". There is a cut which shows the colored concrete surfaced courts at the University of Chicago.

I am informed by Director T. N. Metcalf that you were in charge of the construction of concrete courts at the new residence halls, and I would appreciate it very much if you would send me the data on the grade of the court, as well as the material used for coloring. How much of a grade do you have for drainage?

With appreciation, I am

Sincerely yours,

Director of Physical Education.

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The University of Chicago

Office of Physical Education

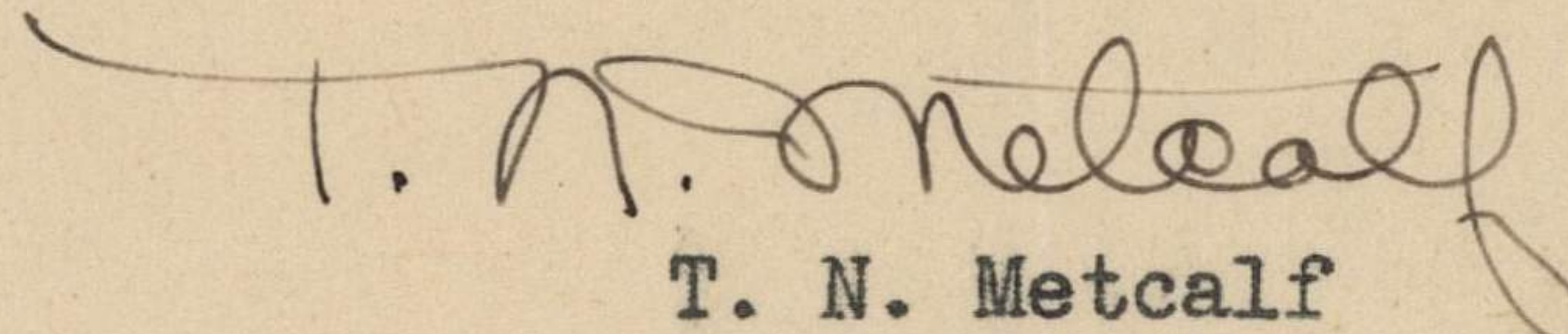
February 3, 1938

Mr. Forrest C. Allen
Director of Physical Education
UNIVERSITY OF KANSAS
Lawrence, Kansas

Dear "Phog":

I am referring your letter of January 31st to Mr. Lyman R. Flook our Superintendent of Buildings and Grounds. Mr. Flook was in charge of the construction of concrete courts at the New Residence Halls.

Sincerely yours,



T. N. Metcalf
DIRECTOR

TNM:Mg

January 31, 1938.

Mr. T. Nelson Metcalf,
Director of Athletics,
University of Chicago,
Chicago, Illinois.

Dear Nels:

In the Athletic Journal, as of January, 1938,
there is a well written article on "Concrete Tennis Courts
Ideal for Student Use". There is a cut which shows the
colored concrete surfaced courts at the University of
Chicago.

We are very much interested in this, and I would
appreciate it very much if you would send me the data on that
if it is convenient for you. Also, there is nothing in this
article that says anything about the grade of the court. I
would like to know just how much of a grade you have for drain-
age, as well as the material you use for coloring. I would
appreciate it very, very much.

With every good wish, I am

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

FCA:AH

January 13, 1938.

Professor F. A. Russell,
School of Engineering,
University of Kansas.

Dear Professor Russell:

I am enclosing a copy of the January issue of the ATHLETIC JOURNAL which carries an article on "Concrete Tennis Courts Ideal for Student Use". I thought you might be interested in reading this article.

I shall be glad to have the magazine returned at your convenience.

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

C O P Y

November 12, 1937

Miss Martha Tillman
Executive Secretary
C.S.E.P. Office
4 Admin. Bldg.
Campus

Dear Miss Tillman:

The work described on this project has been requested by Dr. F. C. Allen and is primarily for the benefit of the Physical Education Department, but since it is for campus improvement and also strictly Civil Engineering work, I assume there will be no objection to carrying it out for the Physical Education Department. We are willing to cooperate with them to this extent, and if this is approved by you, I shall be glad to go ahead with it.

I have talked with Professor McNown about this and he has suggested that we use Clarence Hammond on the job to which Joe Fornelli is now assigned and use Joe on this new project. If approved, I shall be glad to get this other work under way as soon as possible since there is considerable field work to be done and it should be done before cold weather starts in.

Thanking you, I am

Yours very truly,

F. A. Russell, Professor
Civil Engineering

FAR:md
CC: Dr. F. C. Allen
Prof. W. C. McNown

*Project has been
approved - 11/15/37
(Miss Tillman has
notified Prof.
Russell.)*

November 16, 1937.

Mr. W. F. Coen, Jr.,
925 Walnut Street,
Kansas City, Mo.

Dear Junior:

Thanks for your very helpful letter to Professor Russell regarding the construction of the tennis courts. We greatly appreciate your assistance in this project.

With best wishes, I am

Sincerely yours,

Director of Physical Education.

Coen's

ATHLETIC & SPORTING GOODS CO.

NINE TWENTY-FIVE WALNUT STREET - - KANSAS CITY, MISSOURI

WHOLESALE & RETAIL

November 15, 1937

Professor F. A. Russell
Professor of Civil Engineering
Lawrence, Kansas

Dear Mr. Russell:

Dr. Allen has asked me today to give you what information I can regarding concrete tennis courts. It so happens that my father, who was formerly in the building material business, built two such courts for the Rockhill Tennis Club about ten years ago. We constructed these courts very carefully and I can offer you some information in regard to their construction.

On such short notice, it may be a little vague but if it does not furnish you with everything necessary, please let me hear from you and I will gladly furnish any additional information that I can.

We built these courts as I say about ten years ago. The surface of concrete for the two courts measured 120 X 120 and I would suggest that you not cut this size down any on account of the harm it would do to the playing qualities of the court. We *enclosed* the court with wire mesh to the height of approximately 14 feet. The concrete in this court was fully five inches in thickness and was reinforced with wire mesh, with very good results. Either rebar or heavy wire mesh would do the job in this respect.

We colored the top, that is the playing surface of the court, a dark brown, this color being mixed into the material and this is a very satisfactory thing to do from the view point of the player who naturally likes a dark back ground for the white ball.

The playing surface of the court drains to two different points about four feet inside of the posts with as little fall as possible while still taking away the water. The surface outside of the actual court drains off to the sides likewise with the least possible fall. From the points inside the posts drain pipes carried the water off.

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WHOLESALE & RETAIL

Naturally it is important to avoid any pockets on the court that will trap water and prevent the surface drying off quickly after the rainfall.

The mixture used in the concrete was one part of cement to two parts of sand and four parts of 1/2 inch rock which is known as you probably know better than I as the 1-2-4 mixture. The top surface consists of one part of cement to two parts of sand. The top surface must be a combination of smoothness and texture. If it is too rough the balls will be quickly worn out whereas it is best to get it too smooth as it makes the ball slide and thus going too fast for the average player.

As a general rule I should say that it should be smooth and with a tendency in that direction. I would say that it should be smoother than the average person would say playing on the average courts.

I might add that the top surface and the base should both be put down on the same day.

We followed the lines of the markings of the courts for our expansion joints except on the surface outside of the court proper about every twenty feet. We lay the court on a good ground and had very few small cracks.

These two courts about ten years ago cost us \$2500.00. It would be very difficult to cut this cost down any at this time and if you were to use union labor you would have to add approximately 10%.

We bought this material in car load lots thus making another small saving.

The finest concrete courts in the United States are on the west coast where the big tournaments are held. I am writing today to a friend of mine to furnish me with the name of a party on the coast who might be able to supply you with some detailed information. I should have this party's name within a very few days and will see that he contacts himself with you.

WFC jr:CES

Yours very truly,
COEN'S ATHLETIC & SPORTING GOODS CO.

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November 19, 1937.

Mr. W. F. Coen, Jr.,
925 Walnut Street,
Kansas City, Missouri.

Dear June:

Thank you for your letter of the 13th instant. You certainly have been a charm in going to a lot of trouble endeavoring to wangle the manufacturers in fixing the uniforms as your artistic sense dictates. We appreciate it very much.

It was nice of you to write Professor Russell again. He is a fine fellow and a great engineer, and any information that you pass on to him will be handled expertly.

With continued good wishes, I am

Sincerely yours,

FCA:AH

Director of Physical Education.

Coen's

ATHLETIC & SPORTING GOODS CO.

NINE TWENTY-FIVE WALNUT STREET - - KANSAS CITY, MISSOURI

WHOLESALE & RETAIL

November 18, 1937

Dr. Forrest C. Allen
Department of Athletics
Lawrence, Kansas

Dear Doctor:

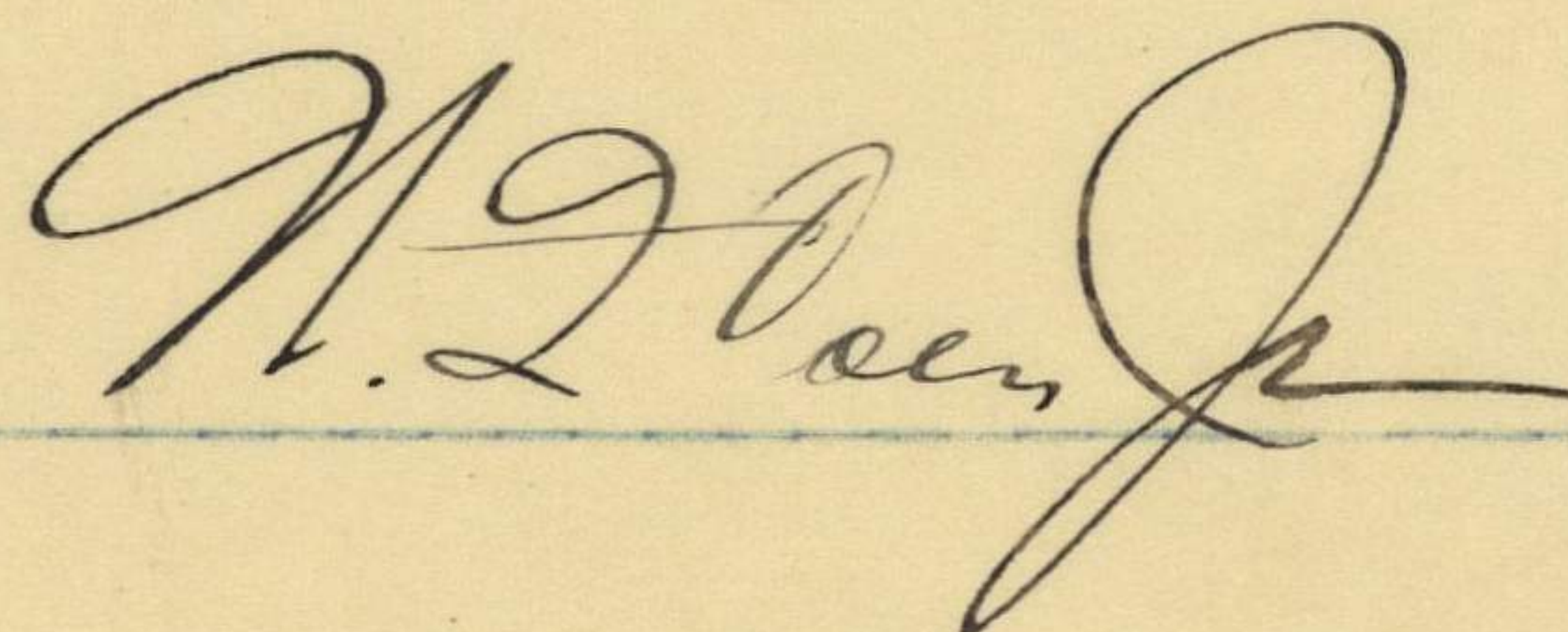
I was very happy to be of any assistance in regard to the concrete courts. I have written to Professor Russell today giving him the names of some parties who are absolutely tops in this respect.

I am reasonably sure that I can get all of your suits to you by the 26th or 27th. Anyway I will try hard. I found out that there is no way to make the inserts on the pants in the colors as we wanted them on the regular machines but with a little wheedling and trouble I managed to persuade them to make them by hand so we should have some beautiful uniforms..

Yours very truly,

COEN'S ATHLETIC & SPORTING GOODS CO.

BY



WFC jr:CES

DISTRIBUTORS FOR

A. G. SPALDING - REACH - WRIGHT & DITSON - FISHING TACKLE AND OUTING GOODS

November 24, 1937.

Mr. Frank Harwi,
1540 Louisiana St.,
Lawrence, Kansas.

Dear Frank:

I am enclosing a copy of Professor Russell's letter and estimate on the tennis courts. I would like for you to come in to see me early next week regarding this matter.

I think it would be a good thing if your committee would go to Raymond Nichols and ask him to contribute \$400 or \$480 to add to the \$1200 we figured on, and then we might use CSEP or University labor.

The double court at \$2500 is, of course, out of the question at the present time, but I think it would be well to build the single court on the unit construction plan, with grading ready for the other court.

This concrete tennis court would indeed be a monument to student initiative. This is only the first step, but if the two student councils will set the pace in doing this thing, I think we are well on our way. If we can start the ball rolling right away we will start on the job between Thanksgiving and Christmas. But the students must decide where they want the permanent court, if they want it.

If you will call my office for an appointment early next week I will be glad to counsel with you toward moving forward in a very definite way.

Very cordially yours,

Director of Physical Education.