

November 28, 1938.

Dr. F. C. Allen,
Director of Physical Education,
University of Kansas.

Dear Dr. Allen:

Although a fairly definite understanding exists concerning my eventual resignation from this department, it occurred to me that a formal letter apprising you of my plans would be in order.

As I have told you, I plan to complete the first semester's teaching, thus finishing half of my year's assignment. However, Dr. MacCurdy and I expect to be married during the Christmas holidays since that is the only time which gives him enough vacation to make the trip out here so we can be married at my family's home in Topeka.

That, of course, means that I will stay on here after the holidays until all my work for this semester is done. I trust I shall not be unwelcome during that month as a "Mrs." instead of a "Miss" - and I would appreciate your letting me know if such arrangement is administratively acceptable.

I should like you to know, too, what a pleasure and inspiration it has been to work under the guidance you have given the Department of Physical Education since its reorganization.

There are idealists who have visions, but can't realize them; and there are practical robots who can work themselves to the bone, but lack the imagination to make their productivity meaningful achievement; but it is the rare soul who can have his visions and also translate them into reality. Your leadership and record attest to your being so endowed.

I leave the department very sure that it is "going places", and I extend my heartfelt wishes for your success and happiness in working with an intelligent and cooperative faculty.

Very sincerely,

Grades for Mid-Semester. 33m.

Beven Wm A. -----B
Billups, Eugene.--- B
Bukaty Frank.-----C
Bunsen Wm.-----C
Burge, John.-----C
Caldwell, Kenneth.--B
Charlton Robert.---C
Greene James.-----B
Hall, Ed.-----C
Hall Wm.-----B
Harris Raymond.---C
Hartman, Herbert---C
Hunter T.P.-----C
Hurley Elza-----D*
Hynes Chester-----D*
Jacka Don. L. -----C
Jenkins Curtis-----C
Klann, Ernest-----B
Merkel Monte-----C
Miller Ralph,-----C
Overfield, Dick----C
Replogle Max,-----B
Rhule Dan,-----C
Salt Sidney,-----B
Sands Jack,-----B
Suagee, Edward-----B*
Trabant Howard-----A
White Paul,-----C

Mid-Semester Grades. 31 M. Fall 1938.

Herbert G. Allphin.

Anderson P erre, -----B
Argabright Wm.-----C
Beims Ramie.-----B
Bevin Wm.-----B
Brown Willard.-----C
Cooper Robert J.-----C
Dalrymple Chas.-----C
Dugan Ralph -----C
Fedde Keith-----C
Graves, Vincent-----C
Gray Warren L.-----C
Hahn Wm.-----C
Hansen Wm.-----B
Holloway Jim.-----C
Johnson Wallace,-----A
Johnson Robert H. -----G
Lessen Robert R.-----C
McQuin, Verden-----B
Padden Fred-----B
Peterson Clayton-----C
Renko Steve-----C
Schaake Ralph-----C
Schlanick Mike-----D
Thompson Clarence-----C
Vandever Marvin J.-----B
Wise Virgil L. A

SUGGESTIONS FOR A NEW SWIMMING POOL
AT KANSAS UNIVERSITY

BY HERBERT G. ALLPHIN

I. Size and Type of Swimming Pool

1. Rectangular - 42' x 75' or 35' by 75'. This would be for either five or six contestants. A lane of water 7' wide is recommended for each contestant in competitive swimming.
2. Type - Class instruction, Swimming Contests and Diving, and recreational swimming.
3. Codes and regulations (Refer to State Sanitary Engineer)

II. Diving and Recreational Equipment

1. Two (2) one meter diving boards
(optional - one (1) three meter board) Unable to have 3 meter board with present ceiling.
2. Recreation apparatus - Water basketball, water polo, flutter boards, sun lamps, diving bricks of rubber-weight 10 pounds.

III. Provisions for Spectators

1. Provide permanent bleachers on a floor separated from pool room. Permanent bleachers or terraces with impervious floors and solid parapet walls at least 4 feet high dividing them from the pool area and having separate drainage and cleaning connections. For sanitary reasons, portable bleachers should never be placed on pool runways.

IV. Construction

1. Re-inforced concrete

Pool to rest directly on earth constructed of reinforced concrete built either directly in excavation or free standing with open space around and underneath.

2. Steel Pool

3. Gutters

- (1. wall or deep type
- (2. broad or roll-out type- Oklahoma University
Recommend the roll-out type.

4. Decks and Runways

- (1. Use faience or ceramic tile decks and runways- white or cream colors. Tile of contrasting colors are used to mark distance from the deep end every five feet with small numerals and the intervening feet are shown by short vertical marks. The depth in feet is shown at various points.
- (2. At diving end of pool room floor, JAYHAWKER BIRD in Crimson and Blue, also letters K. U or Kansas University.
- (3. Swimming lanes marked on bottom of the pool by 3" wide longitudinal lines located under the center of each 5' to 7' wide lane in CRIMSON AND BLUE. These lines should have a plainly marked termination 4' from each end of the pool as a turning signal.
- (4. The "jack-knife" limit" should also be marked by 3" wide vertical lines above the water on opposite sides of the pool, located 6' outside of the end of the springboard. This is a marker for divers, as each diver should enter water 6' from end of board.
- (5. A band of non-slip tile across each end of the pool about 2' down from the water line, will help racers in turning.

V. Ladders

1. Recessed ladder of glazed terra cotta blocks. Railing at top, this will not interfere with swimmers.

VI. Pool Room

1. At least 22' high. (This depends on the location of pool.)
2. Ample day light and sunlight. Proper acoustics. Install public address system for instructor to teach classes as well as to announce speed contests and aquatic festivals.
3. Face the walls to a height of 5' or 6' with tile like that used on the runways or with glazed or vitreous brick (white biscuit tile will craze and white ceramic tile may discolor from body contacts). Above that level, hard faced brick, glazed or acoustic tile, cinder block and Haydite block have all been used.
4. For the ceiling Guastavino acoustic tile is probably the best but rather expensive.
5. Avoid wood trim of all kinds in pool room. Few wood doors withstand the warm humid conditions.
6. Metal doors preferably of the flush or unpannelled type are more permanent.
7. Air temperature of indoor pool rooms should be about 73 degrees to 75 degrees F. dry bulb and the water temperature 68 to 70 degrees F. Water should be warmer for teaching purposes. Can heat water to suit the needs.

VI. Con't. Pool Room

8. Radiators and fittings should be of brass and ducts and ventilating apparatus exposed to warm moist air should be of non-corrosive metal corkboard, Transite or similar material.

9. Pool-lighting

The pool room should be evenly lighted to an intensity of about 15 to 20 lumens at the water surface. Closed fixtures, preferably of vapor-proof type, should be used to minimize condensation and units recessed flush with the ceiling and louvred to control lateral spill light and glare.

10. Submarine lighting- Highly decorative value, when colored lenses used, and increases safety by making underwater objects clearly visible.

Lights installed "in the dry" behind a heavy sheet of glass set in a metal frame permanently built into the pool wall and must be serviced from a pipe tunnel or other space around the pool. The units are about 2 to $2\frac{1}{2}$ feet below the water level, possibly lower. Perhaps Neon tubes- Crimson and blue.

If properly installed there is no question of safety.

VII. Dressing, toilet and shower rooms will depend on the direction the pool room is placed.

The only route from dressing room to pool should be past the toilet to a shower room where a thorough

VII. Con't - Dressing, etc.

bath in the nude, with soap and hot water, is required and enforced, and thence through a disinfecting foot bath to the pool area.

Toilets should be immediately accessible from both dressing rooms and pool, but only from the pool through the disinfecting foot baths.

Shower, dressing and toilet room, floors, walls, ceilings and fittings should have only non-absorbent and easily cleanable materials. Glass or glazed brick are frequently used.

Floors should be reasonably non-slip and definitely sloped to numerous floor drains, which should be located so as to keep the most frequented parts of the floor as dry as possible. Frequent hose outlets, preferably for hot water are a necessity for proper cleaning.

Cement, marble and tile are the most usual floor materials; asphalt has been used.

Straddle showers, frequently installed, furnish no additional sanitary protection unless used in the nude; for that matter neither does any shower. Whether liquid soap or soap chip dispensers are used, or individual cakes of soap furnished is a matter of choice.

Drinking fountains are often required by regulations but are little used in the pool area. In dressing rooms they are very convenient.

VIII. Pool Water Supply

1. Quality of Supply

The bacterial, chemical and physical purity of swimming pool water should be fully equal to the best drinking water. If the water is very hard, that is if it contains large quantities of calcium bicarbonate, ordinary coagulation and filtration may not give clear water, especially if the water is heated. In such a case coagulation and sedimentation basin may be installed for pre-treatment or a water softening apparatus, *may be used.*

2. Water Purity standards

(1-Whatever the source, the water in every swimming pool should at all times, as a minimum meet the standards of the American Public Health Association.

(See K. U. Sanitation Dept.)

(2-Maintenance of Water standards (Consult K. U. Sanitation Dept.)

(3-Bathing Load

The maximum bathing load permissible in a pool is governed by three factors:

a. The water area of the pool

b. The water content of the pool

c. The rate of turnover of the pool contents.

(4- Water Circulation in Pools

Water purity standards should be the same in every part of the pool at all times.

The arrangements of inlets and outlets should

be such as to cause as complete mixing of entering fresh water with all of the pool contents as possible.

Two general arrangements of inlets and outlets

(4- Con't. Water Circulation in Pools.

are in use. In the downward system the inlets are placed in the walls of the shallower parts of the pool and the outlets at the deepest points. In the overflow system, the water is admitted near or thru the pool bottom, and overflows the gutter rim to return to the pumps thru the gutter drains.

One bottom recirculating outlet is a minimum for rectangular pools of ordinary lengths, not over 20 feet wide. For wider pools, two or more outlets should be used, spaced not over 20 ft. Where the distance across the shallow portion of the pool is more than 20 feet multiple inlets must be provided, so spaced that each inlet will serve a linear distance of not more than 20 feet.

IX. Recirculating Equipment.

1. The piping system of a recirculating pool must be so installed that each of the following operations can be conveniently carried out.

- (1- Fill pool from water supply
- (2-Recirculate the water thru pool, filters, sterilizers, etc.
- (3-Backwash each filter separately
- (4-Filter to waste (sewer)
- (5-Operate pool suction cleaner
- (6-Empty pool
- (7-Drain entire system

It is desirable to paint all pipe lines in distinguishing color, preferably in accordance with the American Society of Mechanical Engineers standards

IX. Con't Recirculating Equipment

and all valves must be plainly and explicitly labeled with permanently legible labels. It is desirable to frame manufacturer's directions for operating equipment under glass and mount them permanently, near the respective pieces of apparatus.

2. Pumps

In most cases, a single stage centrifugal pump designed for large delivery against low heads, directly connected to an electric motor, is found suitable.

3. Hair catchers

A hair catcher, to keep out hair, fibers from suits and other small solids, is necessary to protect the pump.

4. Filters

Pressure filters consist of a closed cylindrical steel shell or tank, either vertical or horizontal, containing a bed of screened sharp filter sand and crushed quartz and filter gravel or anthracite coal at least 36" deep, underlaid by a branching system of strainer pipes. The water enters above the sand bed, is forced down through its successive layers, and leaves thru the pipes at the bottom. The filter we have now is similar to this description.

5. Suction Cleaning System

The walls and floors of pool are cleaned while the pool is filled with a suction system analogous to the household vacuum cleaner. Suction piping is extended from the main suction line immediately in front of the hair catcher or from a special pump to special inlets placed around the pool, about 12" below the water surface. It may be the

IX. Con't Recirculating Equipment

5. suction cleaner that we have now would suffice for a larger pool.

6. Water Heating and Cooling

There should be no heating coils or piping located inside the pool proper. It is usual to pass a portion of the recirculating water thru the shell of a tank heater or the outer annular piping of a heat exchanger.

7. Purification

Chlorine and Chlorine compounds.

This method is at present the most frequently used. This is the method now used, by K. U. Swimming Pool.

Our purification equipment will have to be enlarged. It may be necessary to erect a small building outside to house this equipment but there is a possibility that we could install the purification equipment in the southeast corner where the girls' towel room is now located.

Principle Features

1. Decorated walls
2. Built in ceiling lights
3. Submarine lighting
4. Jayhawk with letters K. U. at one end of pool room floor.
5. Abundance of Ventilation
6. Proper acoustics.
7. Public address system
8. Electric clock
9. Mirror along one side of pool room
10. 3" lanes on bottom of pool- Crimson and Blue tile
11. Life guards chair 8' above water surface.

Suggested Ways to Enlarge Present Swimming Pool

1. Extend pool east 25' into ladies basket room, then north 22' or 15' to include mens8 shower room.
2. Extend pool 25' east into ladies basket room and 22' or 15' south which is parking space now.
3. Build pool north and south. Extend back to north wall, maybe would have to extend some outside of present south wall. This is least feasible.
4. Build pool entirely outisde of Robinson on South side, have movable top, which can be rolled back on sunny days. Could then use present pool room for turkish baths, sun lamps, hydrotheraphy, massaging, would charge for this service, it could possible pay for itself. We could provide better natural light and ventilation with this plan. This would give more space in basement and perhaps could build some four walled handball courts or a faculty dressing room.

October 27, 1938.

Mr. Herbert G. Allphin,
Department of Physical Education.

Dear Herbert:

I have had several conferences with Monte Merkel, and I believe now that his morale is up you will have no difficulty with him. I think his troubles have been ironed out.

I also have your note in regard to painting the water polo goals and boards in the swimming pool. To conform with other sports, the goal should be painted white, with the word "goal" in black, and these boards which you mention should also be painted white. I do not believe this will spoil the color scheme of the pool.

We are ordering matting to replace that on the diving board.

Thank you for your note calling these things to my attention.

Very sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

FCA:AH

UNIVERSITY OF KANSAS
LAWRENCE

DIVISION OF PHYSICAL EDUCATION AND
INTERCOLLEGIATE ATHLETICS

October 27, 1938.

Dr. Forrest C. Allen,
105 Robinson,
Campus.

Dear Sir:

Wish to suggest that the water pole goals be repaired and painted light green with the word "Goal" in dark blue. I think this will blend with the walls of the pool room. I also suggest that the flutter boards and the take off boards be painted a light green.

Dr. Allen the matting on the diving board is pretty well worn out. Will it be possible to get a new matting?

Sincerely,

Order
Herbert E. Alphin

Dr Allen :

Words fail to express my appreciation of your recent kindness, as well as others too numerous to name.

I am deeply grateful to you and it is my hope that I shall some day have the privilege of administering your "First Aid" treatment to others.

Again, I thank you -

Most sincerely

Jane Byrum

FACULTY MEETING

OVERWORKING OUR MAJORS

(Gwinn Henry)

Intramurals - K Men

Phys. Ed. majors (2 or 4 years, Fresh-Soph.,
comparagle to "K") Leaders thereafter.

Limited activities Tau Sigma, Quack, etc.

RESEARCH QUARTERLY - Mm. R. LaPorte, chm.

RHYTHMS - MEN'S MAJOR - Proportion?

UNIFORMS - K.S.C.A. \$1.00

Minutes of each meeting should be kept in secretary's book.

Please turn in to office list of all intramural entries
(both men and women) and show on report names of individuals
repeating in their participation of various sports.

Faculty Meeting

Minutes of each meeting -
Secy's Book

Overhauling our Majors. Quinn Henry

Research Quarterly - Wm R. La Pate
Chm

Rhythms men Majors Proportion?

Uniforms

K.S.A.S. \$9.00

Intramurals K men

Phy. Ed. Majors (2 of 4 yrs) Comparable to K.
Fresh Soph Leaders thereafter

Limited activities Tau Sigma Quack & etc

Please turn in to office list of
all intra-mural entries and show
on report names of individuals
~~participating in~~ repeating in their
participation of various sports -

APPLICATION TO THE MEN'S STUDENT COUNCIL OF KANSAS UNIVERSITY

CONSIDERATIONS FOR APPROPRIATIONS
 TO THE
 UNIVERSITY OF KANSAS FENCING CLUB
 and the UNIVERSITY OF KANSAS FENCING TEAM

<u>ITEMS</u>	<u>PRICE</u>	<u>TOTAL C OST</u>
6...Masks (face and head guards).....	\$3.50 @	\$20 .00
2...Sabres.....	\$5.60@.....	\$11 .90
2... Epee (duelling swords).....	\$5.60@.....	\$11 .90
12..Blades.....	\$1.00@	\$12 .00

Transportation expenses to the various institutions
 against which the Kansas University Fencing Team
 will compete.....\$5 0.00

TOTAL DESIRED APPROPRIATION.....\$104.40

Kalman A. Oravetz
Pres. of U. of K. Fencing Club.

Dr. Allen --

The elementary school for colored children only is LINCOLN SCHOOL.

The school for White children only is WOODLAWN.

Both schools are in North Lawrence.

Content + Method.

SCHOOL SYSTEM IN A TOWN OF 15,000 POPULATION

- - -

Elementary Schools. Grades 1 to 6.

<u>School</u>	<u>Enrollment</u>	<u>No. Teachers</u>
1	296	10
2 (colored) <i>Lincoln</i> (6)	50	2
3	255	7
4	297	10
5	395	13
6 (white only) <i>Woodlawn</i>	223	7
	<u>1516</u>	

Each school has a small gymnasium that is available except when general assemblies and P.T.A. meetings are held. Also, each school has an adequate playground space. During the school day each pupil has two 15-minute recess periods and one 15-minute period for physical education. The city supervisor is available one hour each day for work among the six schools.

Junior High School. Grades 7, 8, 9.

Enrollment, 692

Physical education is required of all pupils for all three years, two times per week for a full hour period. A separate gymnasium is available for both the boys and girls, but there are no playgrounds. A city park may be used, but it is not marked and has not been leveled. A full-time teacher is available for both the girls and the boys. However, the teacher boys physical education/is assistant football coach at the high school, and during the winter season must coach a basketball team which plays a six-game schedule with other schools. All games are played in the afternoon

without any interference with the regular school work.

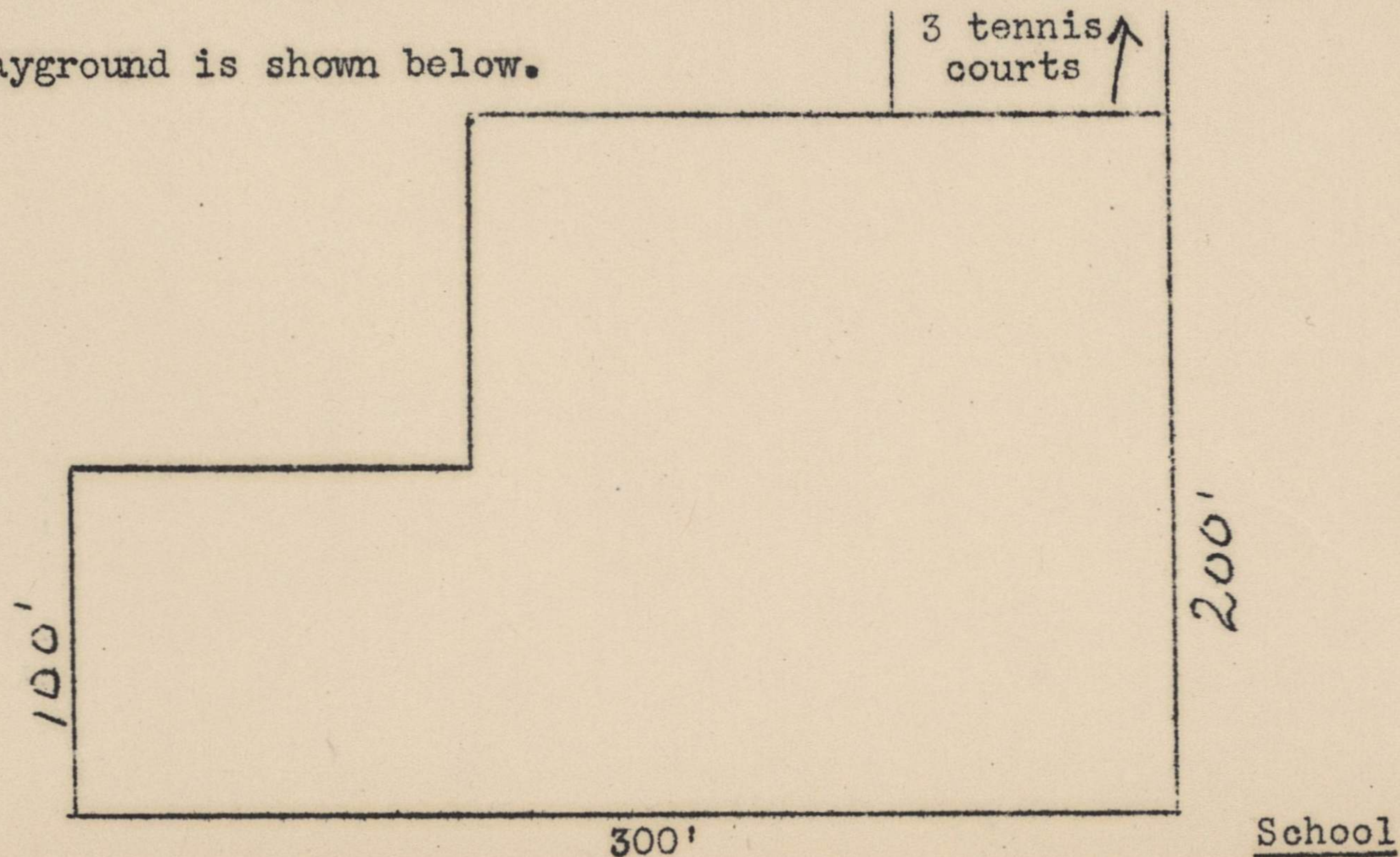
Senior High School.**Grades 10, 11, 12.

Enrollment, 835

Physical education is required for two years and is planned so that during one year the class meets twice a week and the next year three times a week. For the girls a full-time instructor is employed, and for the boys the director of physical education teaches four classes and supervises physical education in the elementary schools one hour per day. The director has no coaching duties. The coach teaches one physical education class daily and handles all sports. His assistants are the junior high school physical education teacher (football only), and one other regular teacher who has had physical education training.

For the indoor program a divided gymnasium is used for both the boys and girls. When the center door is drawn a usable space of 30' by 40' feet is left on either side. This gymnasium is opened for inter-school contests in basketball and the team practices there after school during the basketball season.

Outdoors an athletic field for practice of school teams is maintained several blocks away adjoining an elementary school. Adjoining the high school is a playground to be used by both boys and girls. A diagram of the playground is shown below.



October 7, 1938.

To Members of the Department of Physical Education:

On Thursday, October 13, the Department of Physical Education begins its weekly broadcast series, "Physical Education for Health". The time is from 6 to 6:15 p.m. each Thursday.

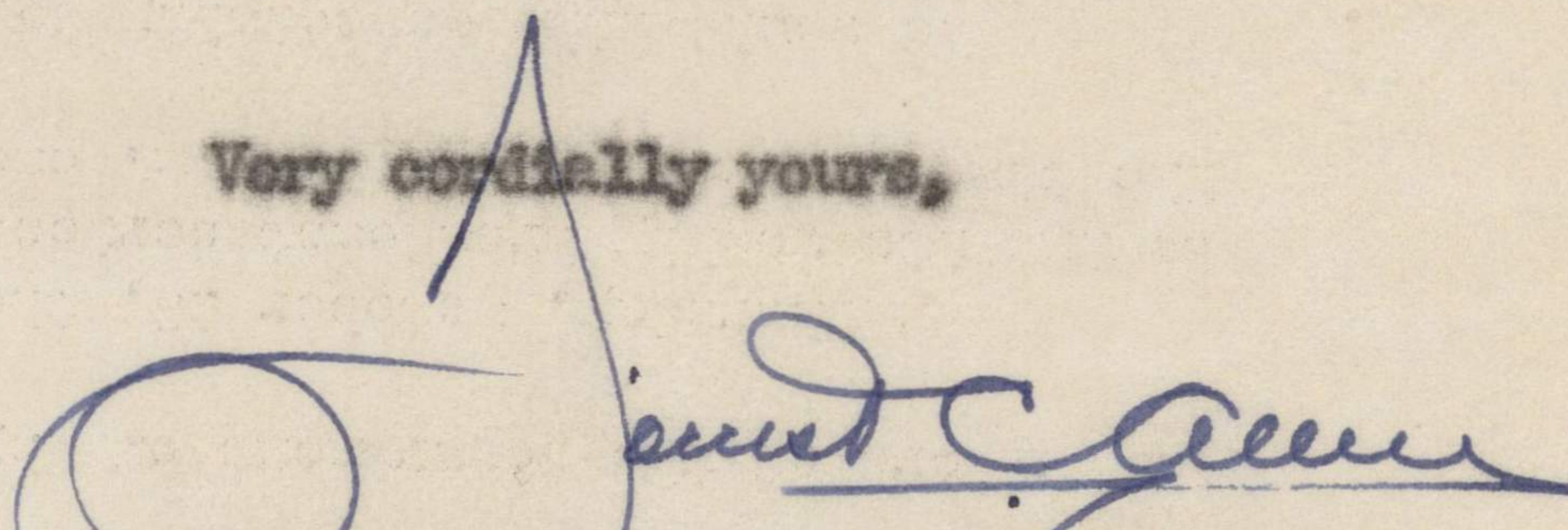
We would like especially to appeal to the parents and children in the elementary, intermediate, high school and college ranks. Last year we made an appeal largely to the adult group.

The Kansas Health and Physical Education Association is especially interested in obtaining a curriculum for the State of Kansas. Thirty-seven states have passed laws incorporating such a curriculum; 23 states have state directors.

I would be especially grateful to any and all members of the faculty if they will present suggestions as to how best we can stimulate interest upon any healthful phase of physical education. Will you please bring in your suggestions, stating that you will be happy to cooperate with other members of the department, and accept the responsibility for one or more of these broadcasts? If any two of you prefer to work together on any radio project, this will be most acceptable.

We trust that you will not view this request in the light of accepting additional burdens, but rather that you will be happy to respond in creating a larger influence for physical education.

Very cordially yours,


Director of Physical Education,
Varsity Basketball Coach.

FCA:AH

①

Physical Education for Health. Series

Time Thurs 6⁰⁰ to 6¹⁵ P.M. Weekly.

① Our Young Teachers Write Home

① State Curriculum Allen, Elbel, Hoone, Dunkel, Lapp, Appleton Report, Bern
State Director

② Professor Quig. Softened.
Dolph Simons, Dr. Chambers, Jack Andrews,
Leone Bauman, Cliff Gatz, Women's Clubs.

③ Battle of Sexes -

④ Clash of Classification Clubs. or Eat & Sing Clubs.
Tom Men. Dr. Elbel Chm.

⑤ Play Mark Dredgery Jim Report, Psy.

⑥ Tests and Measurements Dr. Lapp.
Dad Perry, Maurice Canady
Teachers Grade Schools!

⑦ Relaxation Miss Dunkel.

⑧ Sports Recreative Sports for Women Miss Hoone.
Women Sports Directors, Baker Washburn etc.

⑨ Golf, Badminton Ping Pong Florence Garden etc.
⑩ Nikes - average middle aged citizen -

⑪ Truth Meeting - Kansas Looks at Itself. Lapp. Report
⑫ Statistics set against each other.
Commendable program as compared to our own State P.E. program.

Play grounds. Kansas
Gymnasias
Phy. Ed. Faculty
Training of Teachers that are provided.
City Recreation Areas.

(12) Continued.

Terms of Comparable Size

Lawrence Kansas.
= 15%
Denton, Texas.

Lapp - Report

Johnson -
n. ya

Joe Ward

Contrast Amt. of taxes that ^{it} would cost each individual should an adequate program be setup here. - Then show adequate program. Board of Recreation

Show what actual tax is in cities now operating under efficient management.

Gant. statistics are now available for Kansas.

(13) Sasnak Program by members. Pella Neckels

(14) Swimming Gymnastics Herbert Alphin

(15) Confessions of a Coach Ralph Sanger
Educational Values.

(16) Physical Education and Athletics H. W. Hargiss

(17) Changes in Physical Education over One Half a Century
Physical Education and 50 Years of Change.
Dr. Naismith