



A.T.S.A. Offers Student Union Operation Plan

Tibbals Suggests Manager For Executive Duties

There has been considerable wondering by the students on how the new Student Union is to be operated. This question was taken up by the A. T. S. A. at its last meeting, held a week ago yesterday. Dean Tibbals has presented a plan which is still tentative pending further action, for a manager to take care of the whole situation.

As the plan stands, there is to be a Union board, composed of ten members. This board will be the body to whom the manager will be directly responsible. The board will, in turn, be responsible to the A. T. S. A. as it now stands.

Co-ops Have Two Representatives
The members of the board are to be four regular college students, one from each class. The men are to be appointed by the A. T. S. A. board of control, from eight men, two from each class, that have been elected by their class. The co-operative courses are to be represented by two members, one from the "A" group and one from the "B." These men are to be elected by the co-ops themselves. Evening division students are to be represented by one man, elected by the evening division of the student association.

Students enrolled in the graduate courses are to elect one student from their ranks, as their representative. In addition to the student members, there is to be one member of the faculty appointed by the school administration. Finally, there is to be an ex-officio manager.

May Have Salaried Manager
Management of the Union is to be in the hands of the paid manager. He will be in charge of arranging dates for society meetings, banquets and other functions. It will be up to him to see that no conflicts occur on times and dates. The job will be a full time one, and a regular, but still undecided salary is to be paid him. There are to be several assistants given to the manager. One or two will be assistant managers from the student body, and from three to (Continued on page two)

"Story of Coal" Fourth on WCFL

Coal, sometimes referred to as the "kernel of civilization," will reveal its "private life" as Armour airs its fourth broadcast series over WCFL Saturday afternoon at 5 p.m. Presented as a demonstration of the great achievements of the chemical engineer, coal will be revealed as a vital force in our present economic life.

In addition to supplying the greatest amount of power to turn the wheels of our huge dynamos, streamlined trains, and mammoth ships at sea, coal provides us with thousands of products which belie their ancestry.

Coal has always been of prime importance to the textile industry, being the origin of many of the best and most brilliant dyes. Medicine and culinary arts are indebted to this source of saccharine, the sugar substitute. The chemical engineer looks upon coal as the source of unlimited products which only await his discovery.

Announced by the roar of a modern streamliner, last Saturday's broadcast revealed the part which the mechanical engineer has played in the latest developments in rail transportation.

Highlight of the program was the story of the now famous non-stop Chicago to Denver run which was made in 1936. This record-breaking dash was made by a new and comparatively untested diesel-electric unit and was punctuated by a number of minor mechanical breakdowns, any one of which might have caused failure had it not been for the skill and vigilance of the crew.

Plan Father and Sons Night for Early In December, Ask Changes in Handling

According to present plans, which are purely tentative, this year's Father and Son's banquet is to be held in the new Student Union building about the first week in December, a radical departure from previous procedure. A new method of ticket distribution is also to be used, which is directed to increase interest in this affair.

Since the new time is so far different from the old, which was in March, it has been thought advisable to question the student body as a whole to determine the general opinion on the matter. At the end of this article there is a blank form to be torn out and filled in with the desired information. These should be

placed in the *News* box in the main lobby as soon as possible.

Father and Son's banquets have become quite an institution here at Armour, for several reasons. They provide an excellent way for the fathers to become acquainted with the faculty, and the faculty with the fathers. In addition, the fathers get to meet other fathers and find out more about the student body.

Plans for distributing the tickets are also radically changed from last year. As it stands now, the idea will be to increase greatly the number of ticket salesmen and to distribute the salesmen in a strategic manner throughout all the classes and departments. (Continued on page two)

Laboratory Numbers Guide Frosh's Blundering Feet

Laboratories are now classed with the other rooms in the renumbering program which has recently been completed. All numbers in the range between 100-199 will be found on the first floor, 200-299 on the second floor, etc.

In the past, laboratories were just named and new students unfamiliar with the arrangements of the rooms had difficulty in locating their classrooms. Now under the new system, knowing the buildings, one can easily find a laboratory or classroom according to the numbers. It is possible to have duplicate numbers; one may be located in Chapin while the other may be located in the Main Building.

Mrs. Armour Presents School Of Architecture with \$50,000

'Night Hawks' to Swing It Oct. 29

Armour's Night Hawks will hold their first dance of the year this Saturday night, October 29, in the North Room of the Stevens Hotel. Day school students, as well, are cordially invited to attend this pre-Hallowe'en affair, which will feature the music of Pierson Thal and his orchestra. Marge Warren will provide the vocal attraction.

Bids are \$1.50 and may be purchased at the registrar's office during the day and every night from 7:00 to 9:00 p.m. The dance, which begins at 9:00, will be informal and a table dance. Harold Lynette is in charge of the dance committee and is assisted by Harold Koch and Albert Simandl.

This dance is the second of a series of events which the Evening Division Students' Association has undertaken this year. By this means the organization is making possible the enjoyment of social relations not possible in classroom association.

A.T.S.A. Board Meets; Votes Medal Awards

At the meeting of the Armour Tech Student Association board, held a week ago yesterday, it was voted that M. E. Biddle, winner of the spring tennis tournament, should receive a medal of recognition for his taking the school championship. Inasmuch as all successful participants in athletics at Armour are given awards for their achievements, it was felt in order that Biddle be granted an appropriate medal from the organization.

It was further passed that the freshman relay team, which outran its intellectually superior competition in the last Junior Week circus, which included interclass track and field events, be rewarded for its unusual record. Each member of the squad will shortly receive a medal evidencing his having run on the winning squad.

A.S.M.E. Plans Inspection Trip

Armour student branch of the A.S.M.E. will sponsor an inspection trip through the South Bend plant of the Studebaker Corporation, Wednesday, October 26. The trip, which was arranged by Prof. D. Roesch, will begin at 8:15 at the entrance to the proving grounds, located approximately ten miles west of South Bend on route 2, where guides will meet the group and begin the trip. After viewing the proving grounds the group will proceed to the plant proper, located in South Bend, for the remainder of the trip. The trip should be most interesting and educating as the plant is in full production of 1939 models and offers an insight into all phases of automotive construction.

Best routes to the plant, as announced by chairman Footlik of the trip committee, are routes 6 or 20 from Chicago to route 2 direct to the proving ground. All students who are planning to attend the trip and who do not have transportation, or any member who has space in his car, is requested to see the members of the trip committee as posted on the bulletin board.

Last Friday at 10:30 in Science Hall, Mr. W. H. Hubner, head of the Automotive and Aircraft department of Universal Oil Products, incorporated, gave a talk on Diesel Fuels and Diesel Engines. Accompanying Mr. Hubner was Mr. Smith, chief chemist of the Diesel department. Mr. Hubner divided his talk into two sections. He first discussed the methods of evaluating Diesel fuels and secondly the method of preparing the various grades of fuels.

Bequest Announced at van der Rohe Dinner

As a fitting climax to the banquet in honor of L. Mies van der Rohe, President Heald announced a bequest of \$50,000 by Mrs. Ogden Armour to the school of architecture.

The gift was made in order to further the work of the school, and enable greater advancement in the applications of culture to the field of architecture. The banquet which was held at the Palmer House had over four hundred guests attending the reception.

A large number of prominent speakers entertained the guests after the dinner. President Heald in the course of his address said: "The new staff members together with members of the former staff of the Department of Architecture, greatly strengthen the educational program in this field, and there is every reason to believe that this department will develop into an outstanding school of architecture, and make a very significant contribution to architectural education in America."

Dean from M.I.T. Attends
Dean William Emerson of the school of architecture of Massachusetts Institute of Technology said: "The resources peculiar to Armour resemble in many ways those that surround us at M. I. T. A basis of sound essentials permits the development of those important associations with related fields of engineering and scientific research, an understanding of which is so essential to competent professional performance in this day and generation."

Speaking of the part that Chicago architects had in the development of the present trend in architecture, Dean Rexford Newcomb of the College of Fine and Applied Arts of the University of Illinois said: "It is my belief that when a wider perspective permits the complete tracing of the development of modernism in architecture, the early chapters written by Chicago architects will appear to be important and basic. Study as one may the philosophy behind the best modern work of today, at home or abroad, he will conclude that it coincides very closely with what was enunciated (perhaps in slightly different phrases) in Chicago forty years ago."

Large Number of Architects
A large number of practicing architects and famous educators, including Frank Lloyd Wright, attended the banquet to pay their respects to L. Mies van der Rohe.

The announcement concerning the bequest came as a complete surprise to everyone attending the reception. Mrs. Armour, herself, was unable to attend the banquet.

The school of architecture was originally organized by the Art Institute in 1889. Dr. Frank Gunsaulus, President of the then newly organized (Continued on page two)

Relative Department Strength Determined

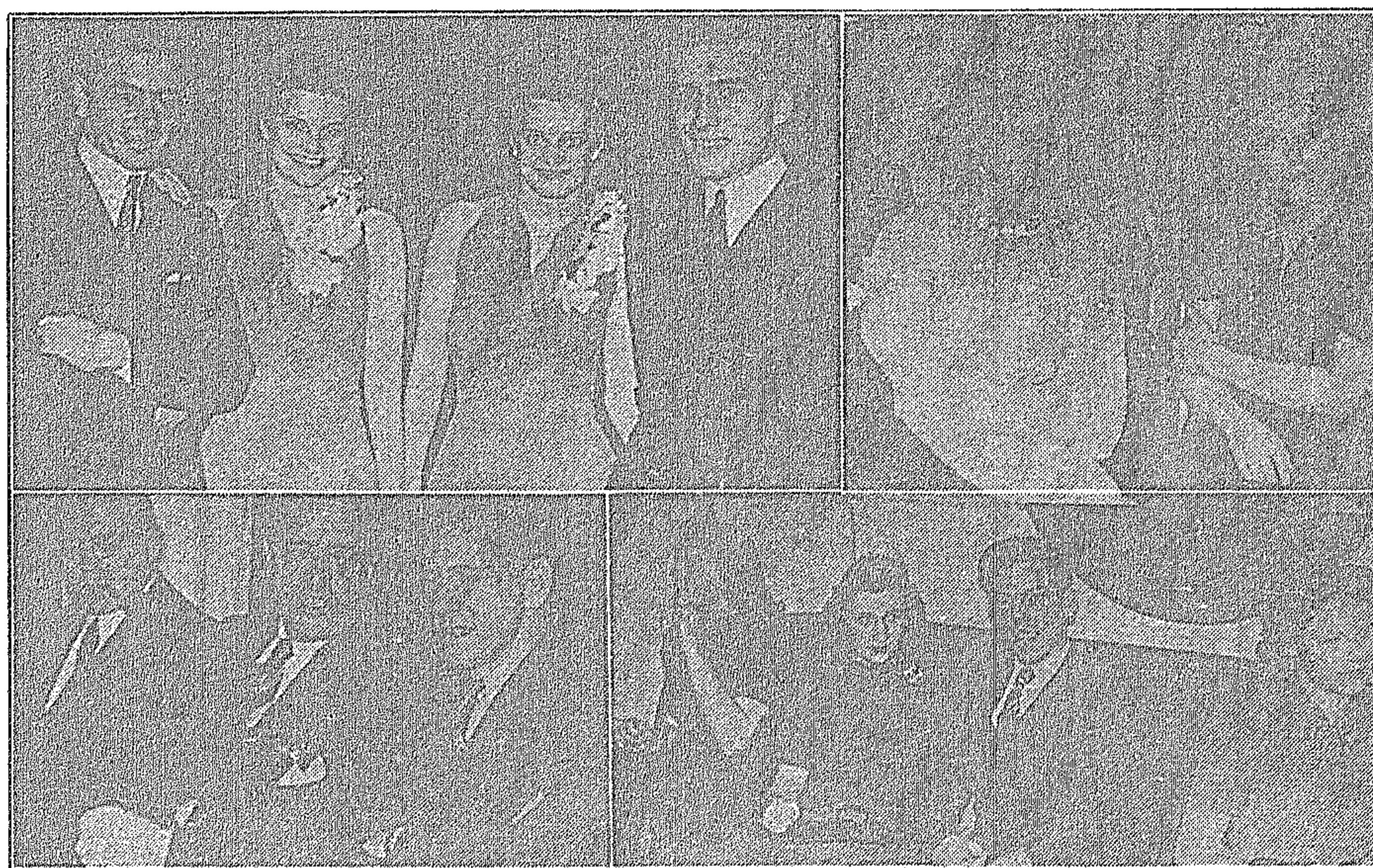
Members of the Junior Apportionment Committee, J. A. Clark, P. R. Ewing, D. J. Mackey, E. M. Mandel, and R. A. Rehwal, announced the results of their investigation of the class membership records last Thursday. The committee ruled that the 223 members of the junior class are to be represented and governed by 13 commissioners.

Three commissioners have been allowed both to the chemical department, with a membership of 64, and to the mechanical department whose members number 61. The 45 electricals, 20 civils, and 14 fire protectors are to be represented by two commissioners each. The architects, with a class membership of 16, will place one representative on the governing board, while the science group with a membership of three will not be represented.

The apportionment of commissioners will divide the duties of class government among the various departments, and eliminate any favoritism which may have existed in past years.

Each department will elect its representatives before the end of this week.

THEY ATTENDED THE ZARABANDA



Armour Players Selecting Cast for "Journey's End"

The Armour Players have been rehearsing in regular fashion lately, and work on the casting is proceeding steadily. Director Christophersen has outlined a full schedule of rehearsals of all sorts, and work is soon to start in earnest.

Selection of the cast for *Journey's End*, the selected play, has been practically completed. Some positions are still open, however, and those who still wish to may try out. Rehearsals are held each Monday and Thursday evening in one of the English classrooms.

'Engineer' Goes To Press Soon

Announcing that the *Armour Engineer and Alumnus* will be published this week-end, Prof. Hendricks promises an especially interesting issue to include numerous engineering features and a comprehensive article on the Student Union.

An alumnus of Armour, Philip Harrington, '06, E.E., who is now Traction Engineer of the City of Chicago, has written for the *Engineer*, "The Chicago Subway System," an article giving details of the new transit system upon which work was started recently.

Full details of the Union building will be included in the Student Union feature. The article will acquaint students and alumni with a history of the plan from its conception to fulfillment.

Other articles are: "The Oxy-Acetylene Process of Cutting and Welding," by E. R. Mecleary of Linde Air Products; "Air Conditioning in Relation to Industrial Hygiene," by W. H. Carrier, president of Carrier Air Conditioning Company, "The Evolution of Factory Lighting," by Ralph G. Raymond, Managing Director of Chicago Lighting Institute; and "Chasing the Fire Demon," Richard E. Vernor, Manager of the Fire Prevention Department of the Western Actuarial Bureau.

'Zarabanda' Attracts Gay Crowd to Portals

Professor van der Rohe Is Guest of Honor

About 3 p.m. last Friday afternoon, massier Mandel of the Junior Arx lost the worried frown that had creased his brow all last week. Why? The Arx dance, Zarabanda, was a financial success. All the money that went through the coffers from then on, and a great deal of it did, was profit.

The gay time had by those who attended the dance attested to the fact that the affair was a social as well as financial success. Dancing continued from 9:00 p.m. to 12:30 a.m. The music was furnished by the Colonial Club orchestra, and some excellent singing by a girl in a pink gown.

Guests of honor at the dance were Professors van der Rohe, Hilbersemer, Rodgers, and Mell. Their presence lent a dignity to the dance which was certainly appreciated by the engineers as well as the architects.

Dr. Olson's Third Talk Is 'Logic and Mathematics'

The next lecture sponsored by the graduate school will be the third in Dr. Olson's series, "Logic and Mathematics," on Thursday, October 27, at 11:30 a.m., in Room 217, Chapin Hall.

In this lecture, Dr. Olson will trace the history of the changes made in the Aristotelian system by later logicians, until the rise of mathematical logic. It covers, roughly, the period between the Stoic logic and that of Boole.

Interior, Effects, Lighting, Equipment Feature New Union

Great strides have recently been made towards the completion of the new Union building. About all that remains to be done, now, is the interior decorating and installation of fixtures. Work is progressing rapidly on these projects and they should be finished easily by the middle of November, as promised.

A trip through the new Union is well worth the time spent. At first glance the old place is hardly recognizable, but after a little reflection the old rooms can be fitted into the present structure with ease.

Entering from the north door, the first sight is the new lobby. The old winding staircase has been considerably changed by the adroit use of plaster. The result is a quite modern stairway leading up to the second floor foyer. Passing through the foyer leads into the new auditorium. There the stage has been completely re-vamped, the old classrooms removed and a new floor has been laid. A hardwood floor is still to be put in place, ready for dancing. The old classrooms are to have new modern lights set close to the ceiling, and tables will be available for study if desired. Perhaps the biggest new feature of the assembly hall is the new overhead lighting system. A large plaster unit has been built into the ceiling where the old ventilating screens were placed. The new unit has ten lighting spaces for direct lighting and a moulding around the base for indirect illumination. The indirect lights will be of variable intensity to provide all desired grades of brightness. The entire ceiling is being repainted and put in good condition.

Crossing to the old classrooms on the second floor, one finds that they have had a thorough going over and reconditioning in preparation for redecorating. The woodwork is being refinished, and many new solid (non-panel) doors are being put in place.