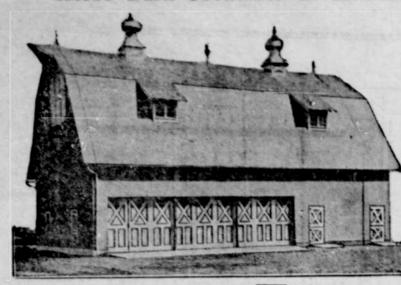
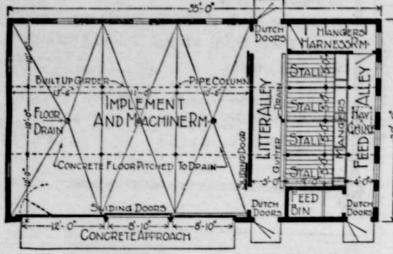
Combination Implement Shed and Horse Barn Profitable Investment

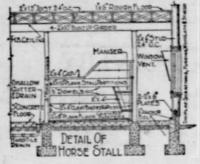




By W. A. RADFORD Mr. William A. Radford will answer questions and give advice FREE OF COST on all problems pertaining to the subject of building work on the farm, for the readers of this paper. On ac-count of his wide experience as editor. author and manufacturer, he is, with out doubt, the highest authority on the subject. Address all inquiries to Wil-liam A. Radford, No. 407 South Dear-born Street, Chicago, 19th, and only in-close two-cent stamp for reply.

Modera farms have two sources of power-the tractor and horses. Tractors and the machinery and implements which they haul cost money and the investment in this equipment on most farms is considerable. However, a great many farmers desire to supplement their mechanical power with horses. Both have to be housed. In the accompanying illustration is shown a design for a combination horse barn and machinery shed with a second or mow floor for the storage of roughage for the horses and for other live stock on the farm.

This is a most unusual farm building. However, the idea used by the



architect who designed this building will appeal to a great many farmers whose equipment is extensive and who also maintain a few head of horses. The details of the interior of the first | and cared for.

floor of this building are shown on the plans accompanying it. There is a floor plan showing the space for implements and machines, which is approximately 30 feet by 34 feet. At one end is the stable floor which has been divided into a feed room, stalls for



four horses and a harness room. cross-sectional view of this barn will give those familiar with building, a good idea of how it is constructed and of the types and dimensions of the materials used. There also is a crosssection of one of the stalls.

There is an old saying that more farm machinery rusts out than wears out. There is one good way to keep it from rusting out and that is to clean it thoroughly, grease the polished steel or fron parts, and put it away where it is safe from the weather when it is not in use. That is the idea of this building-to provide a safe weatherproof house for the machinery and also a place where it can be cleaned

Concrete Floor Will

Not Warp or Settle Although it is subjected to more and harder usage than any other structural part of the house, the first floor usually gets a minimum of attention. As long as it holds up and the surface remains reasonably intact, it is given little or no thought by the house

Not that a floor should be a constant care-far from it. But, unless it is a good, sound affair it may easily become a hazard and a source of various kinds of trouble.

A floor has two purposes. First, it must provide a strong, non-squeaking surface for walking feet and for furniture; if it is also beautiful, so much the better. Second, a good floor serves to tle the frame of a house securely together, adding strength to resist high winds and to minimize the evils of warping and settling-evils which ruin the hang of doors and windows.

A third function has recently been added to the other two. The modern floor must protect the occupants and furnishings of the house from the haz-

A large proportion of residence fires originate in basements, in the vicinity of the furnace, fuel stores, laundry stoves and heaps of "odds and ends" which, almost inevitably, accumulate below stairs. A pile of old and olly rags can be the source of a fire without any outside assistance. And a fire, once started, tends to work its way upward. If there is a definite fire-stop, a barrier beyond which fire cannot climb, the home is given an initial and vital protection from fire.

Recent experience on the part of progressive home builders has shown that the principle of the concrete floor, is used in commercial buildings such as hotels, hospitals and skyscrapers. can be applied with great success and economy to the small house.

Such floors perform all the functions of the perfect floor. They are structurally strong, thereby eliminating costly warping and sagging-not to mention squeaking. The upper surface may be finished in any desired fashion.

Conventional wood flooring may be placed over them snugly and without danger of distortion. Tile or linoleum has been used repeatedly. In some cases the upper surface of the concrete itself has been stained and polished to produce a truly beautiful color.

And the concrete is fire safe, a distinct asset from every point of view. But, however the modern first floor is built, it should be considerably more important than a mere surface for walking or one from which the rugs may be rolled when there's music and somebody waiting to dance.

Store Heat in Water;

Try to Cut Fuel Cost By storing up heat in water, engineers of a Milwaukee company hope to provide a way without great expense for warming homes.

Their plan is to heat the water by electricity in highly insulated tanks at night and keep the temperature at a useful height during the day by a small amount of current. The hot water would be made to circulate through the house in much the same way that It does in an ordinary furnace-heating system.

The value of electricity as a heating agent is recognized, but in daytime, when current consumption is great and capacity is taxed at peak hours, sufficient electricity for heating purposes could not be delivered without the expense of erecting additional plants.

It is hoped that by the water-storage plan, no extra generators will be needed and the equipment used at night will be available for service during the day. The idea is to be tested out in competition with an ordinary

No Season in Building

Game in These Years Builders used to be like bears and groundhogs-they hibernated in the

But now they realize that winter construction means they can continue their work without a gap straight through the year and spread overhead expense over 12 months instead of 8,

Especially in concrete work, which makes up a large part of construction, winter construction has proved not only practical and economical, but really desirable. Only a few simple precautions are necessary to keep the concrete from freezing while hardening, and while this adds slightly to the cost of construction, the difference is more than made up in several

Steel Clamps

Steel clamps for builders' use need be well made as they are subject to hard usage.

GINGER

ingly.



by Ethel Hueston

Illustrations by Irwin Myers

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STORY FROM THE START

In the usually quiet home of Rev. Mr. Tolliver of Red Thrush, Rev. Mr. Tolliver of Red Thrush. Iowa, his motherless daugaters, Helen, Miriam and Ellen—"Ginger Ella"—are busy "grooming" their sister Marjory for participation in the "beauty pageant" that evening. With Eddy Jackson, prosperous young farmer, her escort, Marjory leaves for the anticipated triumph. Overwork has affected Mr. Tolliver's eyes to the point of threatened blindness. Ginger has tried in many ways to add to the family's siender income, but she is not discouraged.

CHAPTER II-Continued

The two evildoers above, speechless and spellbound, had forgetten their mischlef as they crept to the stairs, noiseless, without breathing. bearing every word-sharing every heartbeat, softly, softly, down the top step, the next and the next, nearer and nearer, irresistibly drawn by the currents of joy that surged through

Helen kissed her sister rapturously and Horace Langley, flinging peda-

"This is my sister Helen-and Pro-Where's father?"

canvas gloves, the flappy mules.

"Ginger-run!" cried Mirlam, in sickening realization.

But Ginger, trapped, was not one to fly before confusion. She proceeded calmly down the stairs, even strutting a little.

"I didn't hurt it a bit, Helen," she reassured her sister. "It's-oh, just

a-a rehearsal." "Why, it's little Cinderella-just got fall from her pumpkin," chortled Eddy Jackson, and a ukulele caught its cue and whined into the wedding

march. But Ginger turned away from them. scornfully, a bit too scornfully, for one of the flapping mules, too large for her, slid from her siender foot. Ginger, as she felt it slipping, in sudden consternation, hesitated for the barest fraction of a second. It was too long. Eddy Jackson saw and selzed it, and ran to kneel mockingly at her unslip pered foot.

"Cinderella, the prince returns your glass slipper." In the midst of their merry laughter, the ukulele's sudden bush silenced

"See here, somebody ought to intro duce me," protested the player, plaintively. "You forget I'm a stranger-I wasn't even invited." His eyes wan dered to the bottom step of the circu lar staircase where Mirlam sat just as she had dropped in that first shocking moment, still, rapt and breathless

"Oh, I forgot," apologized Eddy Jackson. "Everybody's supposed to know everybody in Red Thrush. This is our old friend Tub Andrews. He went to school with us when he was a kid, but they moved to Detroit, and now he's come back to help run the First National bank. Janitor, aren't

you, Tub?" "Assistant janitor," said Tub Andrews pleasantly. "But next week they are going to promote me to stamp-licker. Pleased to meet you." He dropped down on the step beside Mirlam. "Why didn't you go into the beauty pageant and give your sister a run for her complexion?"

"I?" Mirlam was shocked with amazement. "She!" "Sure. I was one of the judges Your sister had it easy, the way it was. But if you had been against

her-well-me-I'm one gentleman who don't." "Don't what?" Mirlam followed the jovial young banker with some diffi-

culty, but with interest. "Prefer 'em." He indicated the golden Marjory with a light wave of his ukulele. "They freckle on the nose, and peel on the neck, and go dark in streaks-their hair does. I'm a blonde myself. I know all about 'em.'

"I'm going to turn you all out now," called Marjory, with a smile that took the sting from her light dismissal. "I want to go upstairs and see my father, and all my sisters have to come along. You've been perfectly marvelous to me-Eddy, you're an ingel-"

"I know it." he agreed, briskly. With much laughter, many light saliles, a hundred gay words, the happy group dispersed slowly.

"I'll come and take you for a ride tomorrow," said Tub Andrews to Miriam. "It you have not objection

to flivvers. "I haven't. I like them." "I don't. I only drive them. About eight, then,"

And then, breathlessly, with Ginger still in the forbidden gown and the ridiculous curtain, the four girls ran upstairs into their father's room and flung themselves upon his bed where he sat erect, waiting, knowing they would come to him. Marlory dropped on her knees beside the bed, and buried her bright face in his shoulders. laughing, with tears in the laughter. "Father-1 got it. It was unan-

"I had a sort of a vague idea maybe you got it," he said, teasingly, but with tender warmth, transferring ber from his shoulder to the curve of his arm, where he held her closely. "It just seemed to me there couldn't possibly be such a racket without some prize to show for it."

"Father, give me your hand." Into the outstretched palm she pressed five small round pieces, gold, fifty dollars in all, and curled his fingers tightly upon the treasure. "Oh, my dear-" be began protest-

"Father, don't say a word. Why Providence put on that beauty pageant -to give us the money for you to go to Chleago again. Oh, father, we knew you were just putting it off be cause you couldn't afford it! And now you can. For your eyes, darling." The silence that followed was so

slight as to be barely noticeable, and

In her arms were roses, heaps of roses, soft-petaled and fragrant. Marjory's face was flushed, her eyes were twin stars, ber red lips tremulous with sheer delight. Eddy Jackson bore trophies of her conquest, a great loving cup, pieces of silk and lace, shimmery silver, golden chains. But in her own hand Marjory held a small purple box that bore the prize, fifty dollars in gold.

"It-was-unanimous," she stammered, with shy pride.

the shabby parsonage.

gogical dignity to the winds, clasped her in a bolsterous embrace.

fessor Langley. Helen, this is-everybody," Marjory introduced, almost in-coherently. "Where are the girls?

"Angels," cried Eddy Jackson, gazing suddenly up to the curve of the circular staircase. "Or are the goddesses coming down from Olympus to gaze upon, and envy, Beauty?" He pointed dramatically to the stairs where Ginger Ella, with Mirlam fast on her heels, crouched in quivering excitement, the wedding gown forgotten, forgotten, too, the veiling curtain, the

"Ginger, do run up and change your dress. Mr. Andrews is coming to take me for a ride, and the very sight of you would disgrace the parsonage.

he said:

He is in the bank, you know." "Mister who?" demanded Ginger. "Mr. Andrews. You know-the young man who came with the crowd last night-"

She Proceeded Calmly Down the

Stairs, Even Strutting a Little.

his voice was only slightly busky as

"You're a nice girl, Marjory. And

you are quite right-the eyes need

care, and I hadn't the money. It is

a joy to take it from you-one of my

girls. You're more than good looking.

Marjory, you're just plain nice. You're

all nice. I wish they'd offer four

prizes the next time-the proceeds

CHAPTER III

would run the parsonage for a year."

"To take who out driving?" "Me. At least, be didn't mention

anybody else." Ginger squared about in her chair, drew the rumpled smock carefully about her, crossed one knee over the other, planting a del/berate elbow on the topmost one and dropped an amazed face in her palm, staring at her sister.

"You don't mean- Mirlam you cer tainly do not mean- I must absolutely have misunderstood you-you could not possibly intend to intimate that-that Andrews creature, called Tub, as I remember, who twanged that godless ukulele for three hours without stopping-is coming to take you

out-alone-in a car-for-for senti mental purposes? Tub Andrews! Fa ther, you will enjoy him. He con verses to the squeat of a ukulele. Disgusting, father, simply disgusting

"They used to live here, father, and then moved to Detroit. He wen through college, and now he has a position in the First National bank The president, Mr. Mills, is his uncle. "Simply disgusting," reiterated Gin

in his beart, Mr. Tolliver was in clined to agree with her. He had found life very pleasant in the old days, with the interest of every daughter centered exclusively in the parsonage confines, the five of them as one mind and spirit. But now, what with Helen and Horace, Marjory and a townful of admirers, and now Mirlam and this new young man with the ukulcle, his sigh rivaled Ginger's

own, There was still the strained, high tension in his bandaged eyes, still the vague sensation of a firm band circling his brow. It seemed a shameful thing to him, in his gentle orthodoxy. that he should chafe at the tem porary restriction upon him. He had so much, was denied so little. Even Paul had suffered his thorn in the flesh. His great yearning for restoration was almost unchristian, certainly unscriptural. He had said that to

Ginger a few weeks before. "Yes," she had agreed pleasantly.

"but awfully buman." Particularly, he desired recovery before the formal dedication of the new church. It was a great accomplishment for Red Thrush. He wanted to look into the glad faces of his members on that day, he wanted them to see the grateful joy in his. It is hard for a blinded face to mirror the heart's emotions. He sometimes felt that he would be willing to accept blindness for months-for a year even-at another time, if only on that day he could meet his people face to face, his eyes reading their eyes, and all reflecting their gratitude for the realization of their hopes.

In many ways, his misfortune had come at a critical time for the min ister. The building of a new church, designing of a new parsonage, disposal of the old property, all entailed a great deal of careful figuring. It was hard to figure finances through the eyes of committees, and boards. and daughters. Approximately two thousand dollars was still unpledged on the church debt. It had been his dream that on the Sabbath of the dedication, his people, of their own free will, should make up that amount. calling the church a free church, consecrated to the service of Red Thrush without encumbrance. He sighed s

The day of rest, in a parsonage, affords scant leisure for sisterly recriminations, and Ginger was forced to forego her plan to subject Miriam to a bitter grilling on the subject of sentiment in general. By nine-thirty. the girls were on hand for Sunday school, leaving their father the entire house for a half-hour of stlent meditation and prayer. In the interval while the classes were reassembling for dismissal Mirlam ran across to walk with him the short distance to the church, where he usually conducted a brief review of the lesson. Sunday school was followed by the formal morning worship, where, as there was no pew system in Red Thrush, the girls sat where they ilked with their especial friends. From a corner far back on the right side, Ginger's heart went out tenderly, as it did every Sunday morning, to her was becoming to him. Against the dark wood, he seemed very tall, very pale, almost radiant. His voice seemed gentler, yet somehow more incisively penetrating, since his blindness.

"Poor dear," she thought compassionately, for she followed the sermon but intermittently, and usually consecrated the hour to her own thoughts, "I dare say if the heathen are right, and we really do reincarnate in this world, I was fathers mother the last time. I feel like a mother to him now, he's such a lamb."

Sunday afternoon in the parsonage was given up to quiet recreation Helen went out with Horace. Marjory, too, went out, with anyone who asked her, strolling, driving, or calling, sometimes with Miriam in the party, sometimes not. Ginger usually retired to her attle studio. (TO BE CONTINUED)

Gothic Leader Interred Under Calabrian River

Most regions have their buried treas | on. The grave has never been discovare stories. Cosenza, chief city of Cala bria, has one of the oldest and best, according to a writer in the Washington Star. It is at Cosenza that Alaric, first Gothic leader to conquer imperial Rome, was buried along with priceless treasures captured in Rome. Laden with the riches of the dying em pire, Alaric and his barbarian hosts marched south to conquer Africa and the grain which abounded there. In Calabria Alaric died of the fever. His followers buried his treasure with him in the fashion of the day, but they made sure that the dead chieftain's repose would not be disturbed, either by avenging enemies or covetous treas ure hunters. They diverted the course of the River Busento and buried Alaric far below the river bed. Then they restored the river to its chan-For security's sake they put to death every one of the prisoners who had helped bury Alaric, and marched

Pepper Popular

Black pepper is the most widely used of all spices. There was a queer medieval belief that black pepper came from a forest that had been burned over. When means of transportation were not well developed, and when the monotony of a smaller choice of foods made spices even more desirable than they are now, there must have been a tremendous interest in the caravans from the East that made spices one of their chief commodities. Pepper they brought from the East Indies, although it is now cultivated in other tropical countries. It is the dried fruit of a

ered, though Alaric dled 1,500 years ago. Legend has it that the grave is near the confluences of the Crati and the Busento rivers at Cosenza When I saw this spot it was mostly a dry gravel bed with a narrow stream at which the village women washed their clothes. During the rainy sea son it is a large river. Its secret holds the same fascination for Calabria that the Nemi galleys hold for Romans

Insulted Again The two artists met each other at

the varnishing day exhibition. They discussed art together and vere unanimous in blaming the judges for not having selected their immortal works to be hung on the walls, "Well, I can't grumble. I'm not do

ing so badly," remarked one of the pair at last. "How's that?" asked the other. "Got commission?"

"Yes, from a millionaire. He wants his children painted badly." "Oh," remarked his companion, then I should say that you're the very man for the job."

Really Drunken Animals

It is now an established fact that good deal of drunkenness exists in the animal world, among the chief of fenders being the bees. Lombroso has asserted that intoxicants were the cause of crime among many animals, and has cited instances of the sheep and goats of Abyssinia, which go out on regular sprees, eating (to them) the inebriating beans of the coffee plant, and thoroughly enjoying the condition they find themselves in!

Mothers find it magic for scuffs

One touch of the dauber and scuffs disappear. Smooth, uniform color comes back to faded shoes. More than 50 marvelous shines—50 cents. Colors for black, brown, tan and white

BARTON'S DYANSHINE

Love is but another name for that

Blinks-She's been quite a belle inscrutable presence by which the soul her day. Married four times.



Ineffective "Cussing"

Cussing is a silly waste of effort. Note how little effect it has on the don't seem to ferment. weather .- Lansing State Journal.

"Henry, these fruit juices of yours "Then I was making jelly after all?"



The Mark of Genuine Aspirin..

BAYER ASPIRIN is like an old friend, tried and true. There can never be a satisfactory substitute for either one. Bayer Aspirin is genuine. It is the accepted antidote for pain. Its relief may always be relied on, whether used for the occasional headache, to head-off a cold, or for the more seri. us aches and pains from neuralgia, neuritis, rhemaa'sm or other ailments. It's easy to identify Bayer Aspirin by the Bayer Cross on every tablet, by the name Bayer on the box and the word "genuine" always printed in red.



Fixing the Detour

"What? The main road to Binksville is open all the way?" "Yes, we had to open it until we get the detour fixed."-Buffalo Times.

His Strong Point Julie-Teddy is awfully interesting Joan-Is he, really?

Julie-Yes, he can listen for hours

900 Diales

CASTORIA

INTANTS CHARGE

on any subject .- Philadelphia Bulletin

When ES
BABIES

Bare upset are upset

Baby ills and ailments seem twice as serious at night. A sudden cry may mean colic. Or a sudden attack of diarrhea-a condition it is always important to check quickly. How would you meet this emergency-tonight? Have you a bottle of Castoria ready? There is nothing that can take the place of this harmless but effective remedy for children; nothing that acts quite the same, or has quite the same comforting

For the protection of your wee one—for your own peace of mind —keep this old, reliable prepara-

tion always on hand. But don't keep it just for emergencies; let it be an everyday aid. Its gentle influence will ease and soothe the infant who cannot sleep. Its mild regulation will help an older child whose tongue is coated because of sluggish bowels. All druggists have Castoria; the genuine bears Chas. H. Fletcher's signature on

When a White Collar Man "Goes Army"

the wrapper.

Perhaps he doesn't learn a few things!

DON'T envy a man who "only has to work a typewriter." So we were told by Mr. Solon S. Bloom of 3503 Woodbrook Avenue, Baltimore, Md., whose health began to give way because his work gave him no bodily exercise.

f'I decided to get away to a military training camp," says Mr. Bloom "thinking the rough and tumble with the army would do me good for a month. I asked the doctor what to do about my condition T've seen men, I've known men,' he said. 'I know what they eat, drink, and how they live. I know cathartics, physics, and all the ways men try to keep themselves regular—and the only two that go together well are men and Nujol. Nujol soothes and heals the membranes and expels bodily poisons normally, naturally, easily, so that you are regular as

That was what Mr. Bloom learned when he left his typewriter and went



into the army. If you are like most other people, you too will find that Nujol will make all the difference in the world in the way you feel.

Remember Nujol is not a medicine, for it contains no drugs of any kind. It is simply bodily lubrication that everybody needs.

You can get a bottle of Nujol at any good drug store, in a sealed package, for the price of a couple of good cigars. If you will start today and try it for two weeks you will agree that Nujol is the easy normal way to keep well and make a success out of your life. You will be astonished at the results!