## Palestine Daily Herald

W. M. & H. V. HAMILTON, Pubs.

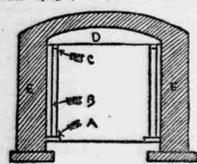
PALESTINE, - - TEXAS

TO BUILD CONCRETE ARCH.

Strong and Lasting Structure Comparatively Inexpensive.

S. S.-Please tell me how to use concrete in building arches over streams and under main roads.

Where the span is not more than ten feet the arch can be moulded all in one. When the diameter is greater the concrete should be molded into blocks and then laid up the same as stone. If the culvert is not more than five feet wide, the arch may be put Little crown. The plan shown describes the mode of building an arch. It has a 2 by 12 inch plank on the bed of the stream; on this stand 2 by 4 to divert her thoughts from her proinch upright, which should not be



Concrute Arch Over Stream. A. 2 by 12 in, plank; B. 2 by 4 in uprights; C. 2 by 4 in, scentling on uprights; D. center supporting arch; E

more than 21/2 feet apart; on top of this a 2 by 4 inch scantling is laid lengthways of arch; then a center cut out of the plant, or inch boards and covered with inch lumber to hold the arch. The earth should be well ram med around the wall when filling in

Fitting Rafters on a Barn.

E. N .- I am building a barn 80 by 32 feet, and wish to put on two sets of rafters, to meet at the perline plate for eleven months, the promise of sons. Since his debut Mr. Westley What length should the rafters by and how should they be fastened?

Each set of rafters should be 12 feet long. The lower set should pro ject one foot over the lower plate: These should be sawed so as to sit Equarely on the plate, the projecting foot to be two inches deep. The upper end of the rafter rests on the per line plate, and the lower end of the upper rafter lies beside it. The top sides of the two rafters should be flush. The upper rafter fits on the perline plate with a tongue on the lower side to drop down on the in side of the plate to form a brace. The rafters are all spiked to the plates if necessary. The lower rafters should have a 9-foot rise and the upper ones

Clearing Land of Willows. Subscriber.-I have some water willows on my farm. I have cut them down, but they grow up again. I think they will have to be dug up. What is the best way to get rid of them?

Cutting willows down will not kill them. Osier beds can be cut for a great many years for the ozlers without doing the roots any harm. The only way to get rid of willows is to root out each bush. The easiest way to do this is to hitch a chain round the bush near the bottom and then drag it out by the roots with a horse, after loosening the bush by cutting some of the main roots with an ax. Many acres have been cleared in this way in Manitoba, and it is found the most convenient way of doing the work. If the bushes are not very large the land may be burnt over and then plowed with a heavy scrub plow.

Cement for Kitchen Walls.

I want to put up a concrete kitchen, 16 by 20 feet, and 14 feet high; the end will join the present building. leaving three sides to build, two sides 20 feet long, and the end wall 16 feet, with gable ends. How much gravel will be required and how much cement, the wall being six inches thick?

Your wall would require 19 barrels of natural rock cement and 15 yards of gravel, making the concrete one of cement to one of gravel; or, if Porttand is used, 14 barrels would do the work, making the concrete one of cement to seven of gravel. This estimate is given on using all gravel (no music of his heels called forth restone for fillers) as the wall, being monstrances from the gallery: only six inches thick, very little stone can be used.

Support for a Chimney. A. E. B .- I wish to build a brick flue 18 feet high, 30 bricks to the foot. King save one, the Redeemer." Later, I want it to rest on a floor having 4 he remarked: "Blessed be he who by 6 inch sifis, 12 feet long and 16 trusts in the Lord;" also, "Nothing inches apart. If the sills rest on the can be done without the help of the 6 inch sides would they be strong Redeemer."

enough to bear the weight?

If the chimney is built at the end of the building so that it rests on end of the joists these will provide suf-Scient support, but if it is built in the to see it, but, say, ain't Mrs. Prinker center of the room supports should be the real thing?" provided immediately underneath. If the chimney starts from the ground floor a small abutment can be built under the joints or sills, which will hold the weight.

Every man knows how a wife should be managed, but few are able to do it. Tom's Cabin."

We don't know what is meant by "straining at a gnat and swallowing a camel," unless it is that a girl of 16 scorps all but a prince and ten years after swallows a carpenter .-Atchison (Kan.) Globe.



Signora Duse's Worries.

The lives of some few actresses may lie in pleasant places. But not that of Signora Eleanora Dusc. The Italian actress, it may be said with out excessive exaggeration, was born n a rallway carriage and has been un-

Now she has arrived in Paris and will there consult the best French physicians, with regard to an attack of influenza which affected her lungs, and from which she has never quite recovered. She lives in complete retirement, seeing no one, avoiding all on flat, but if wider it should have a fatigue, and doing her best not to think of things theatrical. She refuses to speak of anything concerning the stage, and so anxious is she fession that when she goes out she will not pass before a theater if she can help it. If the theater has brought her her greatest triumphs, it has likewise been the cause of much sadness to her, and she has recently fallen into a profound melancholy. Her friends are few in number, and she refuses all opportunities of making new acquaintances. She constantly keeps near her a statuette of Prosperpine. The pagan delty has a peculiar fascination for Signora Duse, who has invested her with a mystic charm, and believes she has discovered in her points of resemblance to

Belasco's New Undertaking.

David Belasco has another big production in view. He has accepted for staging an oriental drama by Joseph Arthur. The piece was copyrighted some months ago in England under the title of "Seirine," but will probably be done here under the name of "Cross and Crescent." The author submitted the manuscript to another firm of producers, and according to the report it was in this firm's hands

"The Man From China," by Paul West and John W. Bratton, was pro-

pleted on the first of January. Mr. Fitch will have four plays in opera-

vive Sardon's "Fedora" next fall, and will appear in his original part of Loris. He will appear in New York in "Hamlet" Oct. 5.

Charles Richman, who is at present in the all-star revival of "The Two Orphans," has been reading a play with the intention of starring after his present engagement.

dramatized for the use of William Faversham next season. Channing Pollock is doing the work and its title will be "For Love of Hesper." Robert Edeson, who has just con-

ican life next season. Its first per formance will occur in January. Ralph Stuart, now starring with creat success in "By Right of Sword,"

engagement in Portland, Ore., Los Angeles and San Francisco called "A Son of Bohemia." Robert Hilliard, Jr., a student at Annapolis, and son of the well-known

cals at the Naval Academy last week, and is said to have shown evidence of the possession of dramatic talent connection with the Proctor Stock company, of which he has been a val uable member for the past two sea

duced at the Majestic Theater, New York, last week, with great success. Clyde Fitch is to write a society

play for Blanche Walsh, to be com-

tion next season. Robert Mantell is planning to re-

The announcement comes from methods. Who pays for the cat's board New York that Albert Bruning will replace George Arliss in the Blanche anyhow?" Bates production of "The Darling of the Gods" next season

turbance." Hamlin Garland's "Hesper" is being

cluded his season in "Ranson's Folly," is to present a new play of Amer

will produce a new play during his actor, participated in amateur theatri

John Wesley is about to sever his



Mr. Arthur finally grew weary of the parts. delay and turned to Mr. Belasco. The piece, it is said, was immediately accepted and the gifted producer declares that the mounting will be the most elaborate and beautiful he has ever achieved. The scenes of the piece are laid in India in 1606, and Christmas day. are in or around the ancient capital of Agra during the reign of Emperor Jehangire. The scenic and sartorial promises to achieve something truly exceptional.

With the "Gallery Gods."

During a recent performance of 'Parsifal" in Newark, the actor who played the name part, wore squeaking shoes. When he ascended or descended a high flight of stone stairs the

"A new pair of shoes for yours!

was shouted at the star. The "gallery gods" applauded wildly when Parsifal declaimed-after the duck hunting-"I bow the knee to no

This bit of dialogue was overheard

in the foyer: "What do you think of the show?" "Fine! Them blokes over at the Metropolitan may put up more money

Among the Player Folk. W. S. Gilbert is preparing to write

a new comedy for the London Garrick theater. Jeff de Angelia is the Marks in

William A. Brady's revival of "Uncle A new tragedy based on "Francesca

da Rimini" is being written by a Boxton author for Nance O'Nell. Amelia Bingham will head the

stock company that is to play at the Broadway theater in Denver, Colo., this summer.

production being constantly made. | has played more than two hundred

"In Old Kentucky." The drama was in Fifth avenue where the man who suggested by James Whitcomb Riley's takes care of the hats at the dining poem. Its first presentation will be room door is celebrated for his mem at the New York theater on next ory about the ownership of headgear.

Lillian Russel denies the report circulated that she will star next season presented to him. in a comic opera called "Lady Teapossibilities of the piece are declared zie," founded upon "The School for almost limitless, and Mr. Belasco Scandal." The book is by John Kendrick Bangs and the music by A. Baldwin Sloane.

Charles Frohman has managed to bring Sir Charles Wyndham and his entire London company for a seasor at the Lyric theater, New York. He will open with "David Garrick," and this will be followed by "Mrs. Gor ringe's Necklace" and a new play by

Henry Herbert Davis. Sarah Trunx, who played in "The Eternal City" last season, of which at to travel from one end of the state traction E. J. Morgan was the star to the other, Chinese cooks are only made a speech in Pittsburg recently allowed to remain six months. This in response to persistent calls from general order was given years ago to the audience, and as a result Mis: Janet Wolderf will take her place it the company next season. Mr. Mor ranches. gan claims he was the only one in the company who had the right to do the

speechmaking. W. W. Denslow, the clever illustra tor of children's books, whose "Father Goose" and "Wizard of Oz" have beer delighting the little folks for the last three or four years, has Just returned to New York from his winter home in the Bermuda islands and has set tled down to put the finishing touches to an extravaganza upon which he has been working industriously for many months. He will have the as sistance of Paul West, the lyric wri ter, and John W. Bratton, the com poser of popular songa. The new piece is to be called "The Pearl and the Pumpkin," and will be in three acts-the first two laid in this coun try and the last in Bermuda. The scenes and the costumes have already been modeled, and it is expected that the first performance vill take place in New York next November.

TOOK HIS CUE FROM SOLOMON.

Illustration of Impossibility of Dividing Cat Stopped Family Row. An amusing incident occurred re-

cently in the home of a Chicago familyq. Pussy Smith is a monstrous cat, a great pet, especially with Flossie, eight years old, and Jack, four years One night after dinner both old. wanted to carry the cat upstairs.

'It's my cat!" declared Jack, stoutly, which was true.

"But I carried him from the country and anyhow I'm the biggest," said Flossie determinedly.

"And I'm the littlest." Jack put the animal over one shoulder and started for the stairs. Flossle balted Dreadful sounds followed, stormy words interspersed. Papa Smith hurrled to the scene of battle. "Children!" shouted he, "put the cat down; we'll settle this by business

Flossie and Jack were puzzled. "Neither of you owns that cat." added the father. "I pay his board; your mother cares for him; you merely own half shares. Jack, carry your half upstairs; Flossie, carry your half. Never again must I hear such a dis-

Without a smile those children slowly, laboriously lugged the cat as suggested. Pussy's head held by Jack. the body by Flossie. There has been no further trouble.

## SPEED OF TORPEDO BOATS.

Depth of Water Has a Great Effect

Upon Power Needed in Operation. The recent tests of torpedo boats in the Bay of Dantzig, Germany, have resulted in the ascertainment of some facts regarding their navigation not hitherto known. The particular object of these experiments was to ascertain the influence of the depth of the water on the speed of the boat. It is stated that up to a speed of twelve knots an appreciable influence was observed, but from fifteen to twenty knots the unfavorable character of the influence increased in proportion to the diminution of depth. In shallow water-about two fathoms deeptwice as much power was required of the engines to get the speed easily obtainable in deep water.

With an increase of speed, the strange fact was remarked that conditions unfavorable to the boat's way were no longer apparent in two fathoms, but rather at a depth of four or five, and better results were obtained in shallow water than in twenty fathoms. In consequence of these observations the government naval architect, Herr Paulus, at a recent conference of marine engineers, proposed to petition the admirality to allow of the experiments being repeated with considerably larger warships.

Vast Wealth of Greek Church.

The Chief Procurator of Russia, in a late report to the czar on the state of Russian religion, brings out the fact that the power and wealth of the Greek church are immense. There ish, and it is suspended by a ribbon. are 66,780 of these churches in the empire. During the last year 833 new | der consists of two pads about two places of worship were consecrated. inches square, with a small bow in In connection with these churches the center of each. They are fastened there are 16,658 monks and 36,146 to the ends of a strip of baby ribbon. nuns. There are 2,050 head priests and 43,743 ordinary priests. These, Japanese silk, a bag 21/2 by 3 inches, together with 58,156 deacons and and in the top fasten a Japanese under-deacons, make a grand total, doll's hend. Around its neck a ribalong with seven other divisions, the bon is tied, stock fashion, figures of which are not given exactly, of 170,000 persons in official positions A sum of nearly £6,600,000 was paid | Japanese perfumes. by the Russian people last year for the support of this vast organization.

He Couldn't Guarantee Ownership. pursue a direct line of questioning." said President Eliot of Harvard in Joseph Brooks is to produce "Home telling about a recent visit to New Folks," a new play by the author of York. He just had dired at a hotel

"How do you know that is my hat?" the collegian asked as his silk tile war

"I don't know it, suh," said the door

"Then why do you give it to me?" insisted President Eliot. "Because you gave it to me, sub,

replied the darkey. He got his quarter of a dollar.

Tyranny of Chinese Cooks. In California Chinamen are consid ared the most efficient domestics, but they are also the most independent On the Miller & Lux ranches, or whose ground it is said to be possible

Love Is the Key. ove is the key of life and death, of hidden heavenly mysters; of all Christ is, of all he saits. Love is the key.

prevent the cooks from obtaining to

firm a tyranny over the individua-

As three times to his saint he saint He saith to me, he saint to thee. Breathing his grace-conferring breath. "Levest thou me?"

Ab. Lord, I have such feeble faith. Such feeble hope to comfort me, But love it is, as strong as death. And I love thee. -Christian G. Rowett.

American Wheat Exports. The export of American wheat to Great Britain last year, as compares with 1902 fell from 68,000,000 to 44, 000,000 hundredweights, while that of Russia increased from 6,500,000 to 17,000,60; that of Canada from 12,000 000 to 14,000,000; that of Isdia from 9,000,000 to 17,000,000, and that of Ar gentina from 4,000,000 to 14,000,000 Argentina had a great excess of wheat last year, but Russia had not.



Hand Made Shirtwaists.

A very fashionable white crepe waist has its front, stock and cuffs eraboridered with clusters of small, pink roses and forget-me-nots in ribion embroidery. The bunches of Sowers have their leaves and stems done in pale, dull shades of green and golden brown. The bunches of lowers are connected by and interspersed with little bowknots and loops and ends of ribbon. This ribbon effect is produced by outlining the supposed ribbon with a single gold thread and working small black dots in embroidery silk, about an eighth of an inch apart between the gold lines. The effect is that of a dainty and novel ribbon. It is no wider, and probably not as wide, as baby rib-

Woman's Box Coat.

Loose box coats make exceedingly smart wraps that are eminently comfortable as well. This one is adapted to all the range of cloaking materials, but is shown in tan colored cloth with touches of darker velvet and is

stitched with corticelli silk. The special features of the model are the mandolin sleeves and the additional lapels which are exceedingly effective. When liked, however, plain sleeves can be substituted for the larger ones, as shown in the small sketch.

The cost is made with fronts and backs and is shaped by means of shoulder, under arm and center back seams. A pocket is inserted in each front and the closing is made invisibly by means of a fly. The extra lapels are applied under the fronts sleeves are cut in one piece each and are finished with plain cuffs, but the plain sleeves are in regulation coat style with uppers and unders.

The quantity of material required for the medium size is 41/2 yards 21 inches wide, 21/4 yards 44 inches wide, or 21/4 yards 52 inches wide, with 1/4 yard of velvet to trim as Illustrated.

Dainty Corsage Sachet.

The heart-shaped corsage sachet of white satin is to wear around the neck beneath the lingerie. The ribbon edge and bow make a pretty fin-

Another corsage sachet on this or-For the Japanese sachet, made of

The most popular sachet odors at present are sandal wood, orris and

About Sleeves.

The very wide sleeves that are being worn at present undoubtedly tend "It is embarrassing sometimes to to take away from the apparent height of the figure, and if you are rather inclined to be short yourself you will do wisely to exercise a judicions supervision and to ferbid your dressmaker to indulge in any vagaries either as regards the shape or trimming of your sleeves. You can still have something which is quite sufficiently fashionable without adding in an unbecoming way to the width of your figure.

Misses' House Jacket.

Pretty, tasteful morning jackets are always in demand and make attractive garments for breakfast wear as well as for use during the hours spent in one's own apartments. This one is



designed for young girls and is exceedingly youthful and graceful, its broad collar drooping well over the shoulders and the fitted back giving a trimness and reatness to the figure. As shown the material 1 8

sprigged muslin trimmed with frills of embroidery, but there are countless others which are equally appropriate.

The jacket is made with fronts and back, the back being laid in tucks to the waist line and the fronts being gathered at the upper edge and staved by means of an underfacing. The cane collar is arranged over the whole and the neck is firished with a little frill. The sleeves can be in either flowing style and finished with frills or in bishop style with cuffs as may be pre-

The quantity of material required for the medium size is 3% yards 27 inches wide, 21/2 yards 36 inches wide or 21/4 yards 44 inches wide, with 71/4 yards of embroidery to trim as illustrated.

Rhubarb Pudding.

Wash and cut into inch pieces enough rhubarb to nearly fill a threepint pudding dish. Mix half a nutmeg grated, three cups sugar. Butter the the bed.

dish thick with cold butter Put in a layer of soft bread crumbs, then a layer of rhubarb, then a thickness of sugar and a tablespoon of butter cut into little bits. Repeat the layers. having a thick layer of bread crumbs on top. Mix a little melted butter with the top crumbs Bake about an hour, slowly at first and serve hot or

Lunch for Children.

Because thing, to eat do not always present an attractive appearance their nourishing quality is not properly appreciated.

The value of dates for children's school luncheons is not fully appreciated. They are rather sticky, bothersome things, as they are originally purchased, and cheildren rarely care for them. They should be separated and washed, the stone removed, and a peanut or almond, salted preferably, substituted. The date is then rolled in corn starch or powdered sugar, and straightway becomes one of the appetizing trifles dear to youth, and at the same time is healthful and nour-

In the Kitchen.

Doughnuts or biscuits may be heated "amaist as good as new" by putting them in a whole paper bag. sprinkling in a few drops only of water, twisting the ends, putting in the oven, raised a little from the bottom on a grate. The oven must be very

hot. New nutmegs may be distinguished from the last year's supply by scraping the surface with the finger. If new, the oil will moisten the spot at once. Mace, when new, is oily. It should always be purchased whole and ground as needed.

A Dainty Work Bag.

Such pretty little work bags can b€ made on a foundation of basket work with a piece of dainty silk. The little flat travs to be found in all sizes at Japanese shops are chosen, and the silk sewed on the inside rim. The bas ket is first lined and slightly padded with satchet if desired. The silk is gathered in bag fashion at the tonmaking a pretty and substantial recep. tacle for sewing materials or embroidery.

Corset Cover. Shapely corset covers that fit nicely yet are not over snug are in constant demand and never can be too numerous. This one is peculiarly pretty

and attractive, is eminently simple and can be made terials in vegue for underwear. The model, however, is of linen hatiste with insertion and frills of embroidery and

bands of beading. The corset cover is cut with fronts and back which are laid in narrow tucks to the waist line, and is closed at the center with a box plait in shirt waist style. Over the upper edge and at the waist line are applied bands of beading that are threaded with ribbon by means of which the size is reg-

ulated. The quantity of material required for the medium size is 11/2 yards of insertion, three yards of edging and 114 yards of beading to trim as illus-

Marie Antoinette Bodices.

The tendency toward the Marie Antoinette bodice for evening wear is marked. This style is really fascinating, with its long, pointed waist line, and very full skirt shirred into the skirt band. In white or ivory silk, the mode is ideal, and by next autumn it will be firmly established. This would not appear to admit of any charge in the present full skirts, but would rather tend to increase them if anything. The great dresesmakers, at least, seem determined to adhere to the full modes for some time to come.



Save all old zinc and when chimneys are filled with soot put a quantity on the fire. It will carry all soot out of stovepipes and clean the chimneys.

It is unwise to sprinkle a light carpet with tea leaves when sweeping unless they have first been rinsed in water, for otherwise they are apt to

Rose petals make a delightful filling for soft pillows. Save them from withered bouquets or from fresh flowers and dry them. They may be treated as for potpourri or used with their own delicate perfume only.

Never put a bed in an alcove; the air is apt to become stagnant there. Have it right in the room and do not push it too close to the wall, then the air that comes in from the window has a chance to circulate around