

An Oxford County Barn Plan.

To the Editor "Farmer's Advocate":

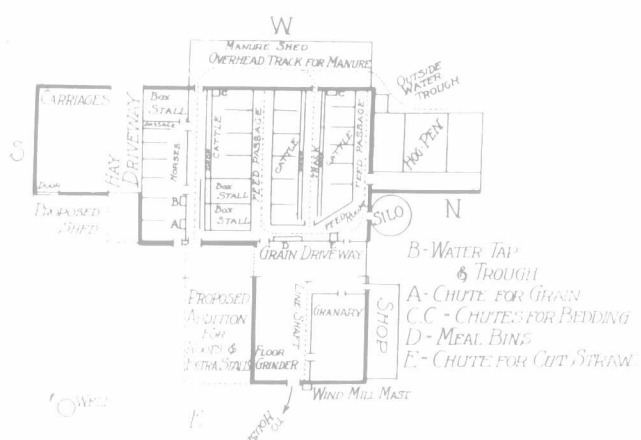
This architectural drawing shows a detailed layout of a horse barn. The structure is oriented with North at the top. Key features include:

- Top Section:** A **HEN HOUSE** measuring 18' x 32'.
- Left Wall:** An **OPEN SHED** running along the left side.
- Interior Layout:**
 - BOX STALLS:** A row of stalls on the left, including a **BOX** (11' x 15') and **BOX STALL** (14' x 14').
 - MANGERS:** A central row of mangers, including a **BOX** (5' x 13') and **BOX STALL** (10' x 13').
 - HORSES:** A row of stalls on the right, including a **BOX STALL** (14' x 14') and **BOX STALL** (10' x 13').
- Dimensions:** Various dimensions are noted throughout the plan, such as 12' x 30' for the main structure, 12' x 30' for the **CEMENT ARCH**, and 12' x 30' for the **CEMENT ARCH**.
- Other Features:** A **GUTTER** is indicated along the top wall, and a **CEMENT ARCH** is shown at the bottom right.

enclosing you a plan which has given good satisfaction, but do not claim that it will suit all farmers, as barn plans must differ according to the class of farming followed. This one is on a 125-acre farm, the owner of which keeps about 12 to 14 dairy cows, 6 to 8 registered Short-horns, quite a number of young store cattle, and raises a few horses each year. I do not think it would be suitable for an extensive dairy farm.

Oxford Co. R. O.

About three years ago, a farm came into my hands that had a barn 98 ft. long by 30 wide, with another running at right angles to this, 84 x 32. The problem was to remodel this at least expense, into a barn with modern stables and modern conveniences. I first lifted the whole structure, and put under a stone wall eight feet high, adding, however, a lintel at A-B to give me more room for stables. I then lowered all the mowings to the barn sills; so, except a four-foot space above



the driveways, I have the whole barn, from sills to roof, for mow room. The barns are on level ground, and, as I had a prejudice to hauling everything up bridges into the barn, I have my driveways on the level ground. All grain and hay, etc., are unloaded by hay carriers and slings, so the extra height made no difference. The whole floor of stables, barn and

piggery, is cemented, except the carriage room. It is placed a windmill at the east end of the barn, bolted to the end post, and supported also by stay rods. A line shaft runs into the barn, driving floor grinder, cutting-box, pump, and other machinery. After the grain is in, we lower the poles over the grain driveway and set

By this method I saved all my roofage, and secured a square for stables 66 x 44. I have 19 windows 3 x 4, so I have plenty of light; and the stables are easily ventilated.

The granary is on the ground floor, but is kept dry by an air-space between floor and cement, and between sides and stone wall.

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All the water from the roof is conducted to the tanks, which are situated over the cattle box stalls, so the water never freezes. All the manure is on the west side, on the side opposite to the house, so there is no litter to pass through to reach the barns. Teams can reach their stables without going outside, from either driveway, in case of a storm.

Ontario Co., Ont. LYMAN C. SMITH.

Mr. W. H. Walker, M.P.P., Huntingdon Co., P.Q., writes requesting that information be published from readers who have had experience with cement concrete silos. Will readers who have used such silos write us saying how long, shape, dimensions, cost, what kind of roof, number of tons held, how the silage was preserved, and if satisfactory or defective in any way. If necessary, this information could all be put upon a post card, but if additional facts of value should be stated, describing how built, etc., then use a letter. We request that this information be sent us by an early mail, so that farmers who purpose building silos next season can lay their plans now and secure the materials.

The reason why farm-reared boys achieve success in all lines of business and the professions is not far to seek. It is due primarily to the habits of industry and thrift and self-reliance which they acquire in youth and retain through manhood. The farm boy learns to get up early, and if there be any one of those proverbial fat worms around, this bright bird is apt to catch it. He has half a day's work done before the city boy has left his downy couch. As he rises early, so he retires at a seemly hour, healthily wearied with his work, and in condition to enjoy "nature's sweet restorer, balmy sleep," as only a tired country boy knows how. He grows up strong, healthy and energetic, and, best of all, has that best equipment for worldly success, a sound mind in a sound body.—[Ex.

Free rural mail delivery has extended marvellously throughout the United States during the last two years. Now the Postal Department at Washington is asking for an appropriation to investigate the feasibility of using the telephone in communicating special-delivery letters to those who live along rural routes. In New York City, the sacks of mail are sent whirling through pneumatic pipes direct from the post office to the car, and returned in the same manner. The free-delivery department is said to be expanding more rapidly than any department of the service.

Please find enclosed the sum of one dollar and fifty cents for year's subscription to weekly "Farmer's Advocate." I took the "Advocate" when but a small paper printed once a month, and was well satisfied with a good dollar's worth; then we were treated to two papers a month for the dollar, and now we surely should rejoice to get the best farmers' adviser and instructor printed on this side of the ocean once a week for only \$1.50 per year. Wishing you a prosperous and Happy New Year.

Kent Co., Ont. **ROBERT L. JARVIS & BRO.**