

# Nixalite® Project Case History

## Project Case History

**Name:** Halle Ranch

**Location:** Maryland

**Installer:** Farm & Equine Services, Maryland

**Product:** Bird Net Bird Netting - 2" sq. mesh



Halle Ranch had perimeter fences to keep chickens in but no overhead protection. Images courtesy of Larry Miller of Farm & Equine Services.



### Purpose:

To protect the poultry livestock of Halle Ranch from predator birds.

### Problem:

Halle Ranch featured an open area where domestic chickens were allowed to roam. This area had a perimeter fence and several interior cross fences but no overhead protection from flying predators. The lack of overhead protection allowed Red Tailed Hawks into the pens. Soon the chickens were falling prey to Red Tailed Hawks at the alarming rate of 2 to 3 per day.

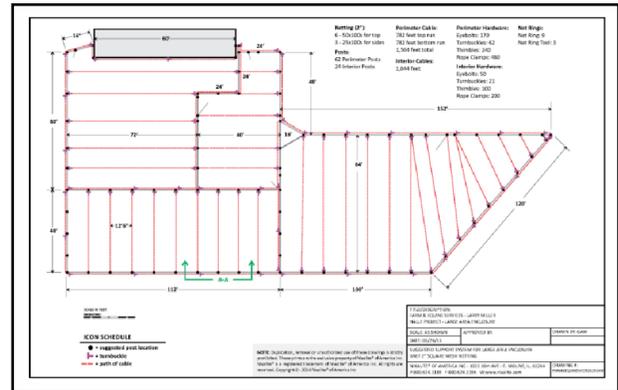


Red Tailed Hawks were taking 2 to 3 chickens a day. This had to stop!

To provide effective protection, an overhead enclosure system was needed. Until this was in place, the hawks would continue to swoop in and take the prized chickens anytime they wanted.

### Solution:

Nixalite® of America Inc was contacted by Farm & Equine Services to determine the best course of action to stop this Red Tailed Hawk vs. Plymouth Rock Barred Chicken conflict. The chickens were disappearing fast, something needed to be done quickly. The Nixalite® Planning Department determined that the Bird-Net Bird Exclusion Netting with 2" square mesh would be ideal for a lightweight, yet durable overhead cover. Made of 6-ply high-density polyethylene (HDPE), this netting is abrasion, rot, mold, mildew, flame and UV resistant. It has a solid 47-pound knotted breaking strength for each strand.



Nixalite® and Farm & Equine Services came up with a plan for control.

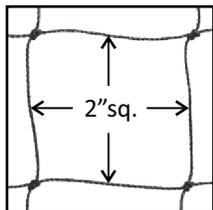
Along with the bird netting, the Planning Department was asked to design and illustrate the support system for the netting. Once Farm & Equine Services provided the dimensions for the enclosure, the planning work began. The overhead protection needed to meet specific requirements. The overhead netting had a minimum installed height requirement of 10 feet. This was needed to accommodate the shade structures in the middle of the enclosure and keep a safe margin of space for equipment used inside the enclosure.

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If you have any questions or would like more information, please contact Nixalite of America Inc  
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This overhead clearance dictated a support post length of 14 feet - 4 feet of which would be set in concrete footings by Farm & Equine Services. The posts would be installed around the outside perimeter and along sections of the interior at a max spacing of 12 to 14 feet (post to post). To support the netting both overhead and along the walls of the enclosure, Nixalite® recommended using the stainless steel tensioned cable system. These stainless steel cables would be run back and forth across the top and sides of the enclosure to support the 2" square mesh Bird Net Bird Netting. The netting is fastened to the support cables using the stainless steel Net Rings and Ring Tool.



Bird-Net Bird Netting 2"



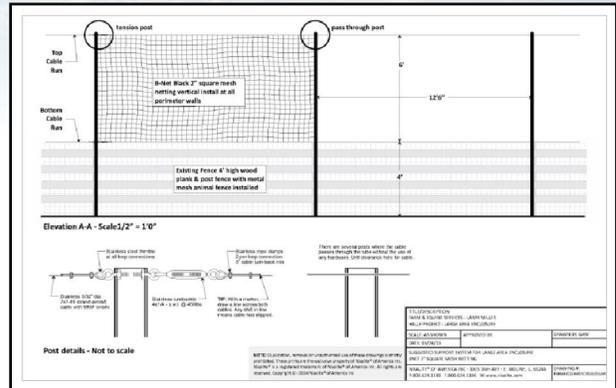
Stainless Steel Tensioned Cables

## Results:

The enclosure called for the installation of over 27,000 square feet of Bird Net Bird Netting and 3,000 running feet of stainless steel cable. Farm & Equine Services installed the system perfectly. They went the extra mile by setting all the support posts in deep concrete footings to make sure the enclosure would last a very long time. When installing the netting, they made sure there were no gaps or openings for the hawks to get access to the chickens inside. All interior fencing and gates were still operable and effective in dividing the interior areas as needed.

## Summary:

Through the combined efforts of Halle Ranch, Farm & Equine Services, and Nixalite® of America Inc the Bird



When the customer provides the dimensions and details required, Nixalite® can provide planning assistance, material quotations and in some cases example drawings and sketches.

Net Bird Netting system was expertly installed. The enclosure had no gaps or openings that the Red Tailed Hawks or any other predatory bird could use to get to the valuable chickens. The Bird Net Bird Netting will last for years and the stainless steel support cable system will last indefinitely.



Installed Bird Net Bird Netting is discreet and perfectly effective!

Nixalite® of America is the leading manufacturer and supplier of effective and humane bird and animal control products. If you provide us with the dimensions and details we need, we can design a control system that will effectively deter any species of bird or animal and in any level of infestation.

**If you have any questions or would like more information, please contact Nixalite® of America Inc**



**Nixalite® of America Inc**  
 1025 16th Ave, East Moline, IL. 61244  
 Providing Superior Bird Control Since 1950

**Phone:** 800.624.1189 or 309.755.8771  
**Fax:** 800.624.1196 or 309.755.0077  
**Email:** birdcontrol@nixalite.com  
**Web:** www.nixalite.com