

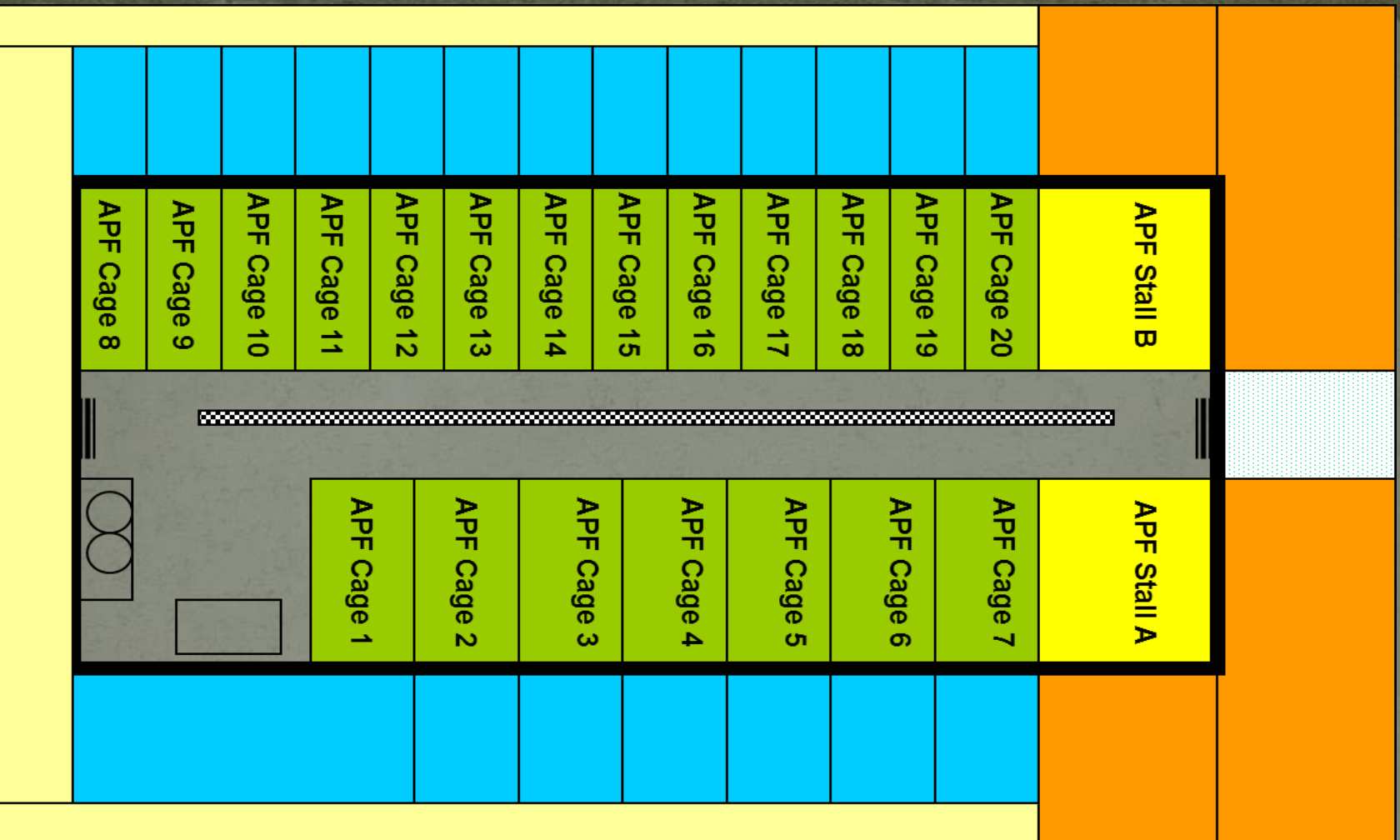
Avian Propagation Facility at the Sedgwick County Zoo



Getting started...

- Construction began in February 2009
 - Completed in December 2009
 - Moved birds in January 2010





- 22 individual flights
- 7 large flights
- 13 small flights
- 2 large stalls



Small Side

- **4' W x 12' L x 10' H**
- Pulley system for outside access doors
- Access between flights



Large Side

- **6' W x 12' L x 10' H**
- Same door system
- Access between flights



Large Stalls

- **12' W x 8' L x 10' H**
- Large shift door to outside

Management of APF

- Restricted access
 - Area is not open to the public
 - Keepers only go into the building 2-3 times a day
 - Only cleaned once a week
 - Nests are only checked once a week
 - Just recently started
 - Very few “behind the scenes” tours

General Flight set-up for Passerines



- Perching
 - Collected from various trees on zoo property
 - Cottonwood, Osage orange, Elm, etc.



Real and Artificial Plants

- ❧ Artificial plants
 - ❧ Cost Effective
 - ❧ Easy to clean
 - ❧ Provides additional perching
 - ❧ Provides coverage
 - ❧ Nest building foundation
- ❧ Real plants
 - ❧ Provides additional perching
 - ❧ Provides coverage
 - ❧ Nest building foundation
 - ❧ Can provide nesting material
 - ❧ Plant donations come every October

General Flight set-up for Passerines

- **Nesting Material**
 - Excelsior, pine straw, jute grass, sisal, coconut husk fiber, etc.
 - Random placement
 - Nesting material holders
 - Wire baskets that are filled when necessary
 - Made from dishwasher baskets



General Flight set-up for Passerines

- **Provided Nests**
 - Nest baskets
 - Nest boxes
 - Nest cups
 - Cavity nests



Success so far...



Owl Finch



Long-tailed Finch



Red-throated Parrot Finch



Blue-capped Cordon-bleu Finch



Grosbeak Starling

Amethyst Starling

- Never seen breeding behavior
- Given elephant feces
- Produced 2 chicks in June 2011



Lessons learned...

- Checking nests
- Housing multiple finches in the same flight
- Golden-breasted Starlings
 - Spiurids



New Additions

Taiwanese Yuhina



Red-billed Leiothrix



Not just Passerines...

- Successfully breed:
 - Namaqua Doves
 - Pheasant Pigeon
 - Wonga Pigeon
 - Blue-crowned Hanging Parrots
 - Beautiful Fruit Dove
 - Crested Coua
 - Wrinkled Hornbill
- Produced eggs:
 - Blue-throated Macaws
 - Kori Bustard



Continuous Improvements

- Mist system for bathing





- Change the set-up for finches

