Facilities
Fencing, Structures and Water Sources

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BUILDING YOUR OWN ‘IDEAL’ FACILITY

- PLAN!!!
- Think ‘long term’
- Safety for your horses
- Efficiency and Affordability
- Aesthetics

Paddocks / Turnout / Pastures

- Is it necessary?

- Acreage
  - 3–4 acres/head recommended in non-arid regions
  - 1 acre minimum (Arapahoe County)
  - Less acreage is more labor intensive

Paddock Layout Recommendations

- 10 ft. wide pathway
- Paddock gates
- Rounded corners
- Water source
- Shelters
- Fencing

Paddock Layout

- Material
- Know your horse’s behavior
- Fence height
- Pasture management

Fencing Options

Images courtesy of Penn State University
Fences

Post and pole

www.heartlandpostnpole.com

www.fivestarranch.com

Post and board

www.statewidefence.net

www.horsechannel.com

www.deterrententerprises.com

Post and Wire
- Electric/High Tensile Wire
- Coated Wire
- Mesh
- Barbed (AVOID with horses)

www.louispage.com

www.yoderfence.com

Fences – Wood

www.horsegroomingsupplies.com

www.barbed-wire-fence.com

Fences

Post and Wire
- Electric/High Tensile Wire
- Coated Wire
- Mesh
- Barbed (AVOID with horses)

Pipe

www.magnoliatexas.olx.com
Fences
- Composite, Vinyl and Polymer

Housing
- Fit the function
- Know your environment
- Types
  - Shelters/Sheds
  - Barns

Housing
- Shelters/Sheds
  - Location
    - 100–144 sq feet/horse
  - Height

Barns
- Why is ventilation needed?
  - Remove heat
  - Remove moisture, odor and ammonia
  - Provide fresh air
- How to improve ventilation in a barn
  - Open grid work on stalls
  - Ceiling open to roof peak
  - Permanent opening is stall eaves

Housing
- Barns
  - Ventilation
  - Lighting
  - Stall Design
  - Feed Storage

Barns
- Lighting
  - Natural vs. Artificial
  - Height
  - Fluorescent vs. Incandescent
Barns

- **Stall Design**
  - Minimum size requirements
    - 10'x10' to 12'x 12'
  - Walls
  - Door Fronts
    - Sliding or hinged
      - Minimum width 4'
      - Minimum height 8'
  - Windows or Runs
  - Flooring

- **Feed Storage**
  - Hay
  - Grains and supplements

Waterers

- **Automatic vs. Buckets**

Resources

- **Horse Facilities Handbook**
  - Wheeler, Koeing, Harmon, Murphy and Freeman
- **Stable Management**
  - [www.stable-management.com](http://www.stable-management.com)
- **Penn State Cooperative Extension**
  - [www.cas.psu.edu](http://www.cas.psu.edu)
- **Trinette Ross**
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