

**Colby Community College  
Fence Replacement  
(Submission deadline is 12 p.m. on April 1, 2021)**

Colby Community College (CCC) is currently upgrading multiple areas of the CCC Farm located at 2002 County Road 23, Colby, KS 67701. As a part of this process, CCC is seeking competitive sealed bids to replace multiple fence areas. The selected vendor would be responsible for the removal/disposal of the existing fence, replacement of the fence, and coordinating schedules with Eberle Construction – the vendor selected to complete dirt work at the farm – during the same time. All animals will be cleared from the pens, and CCC will prep the area for removal of the fence.

**Scope/Overview:**

**Animal Science Pens Replacement – Pt. 1 (West Barn-Sheep/Goats/Hogs)**

<b>Pipe Fence (5 bar)</b>	<b>84 feet x 5 bars (10 inch centers) = 480 total feet</b>	<b>2 7/8 inches diameter</b>
<b>Fence Post for Pipe Fence</b>	<b>Qty 10 - spaced at a maximum of every 10 feet; 9 feet tall fence posts with 4 feet fully cemented into ground and 8-10 inches of cement above ground = 10 x 9 = 90 feet of post</b>	<b>Minimum of 4 inch diameter for corner posts for pipe fence. 2 7/8 inches diameter for pipe fence support posts</b>
<b>Sqaure Fencing Galvanized (4 bar)</b>	<b>402 feet x 4 bars (spaced according to diagram in Pt. 1 Explained. 402 x 4 = 1,608 feet of post</b>	<b>1.5 inches square galvanized pipe (See panel/fence design in Pt. 1 Explained)</b>
<b>Fence Post for Square Galvanized Fence</b>	<b>Qty 52 – spaced at a maximum of every 10 feet; 7.5 feet tall fence posts with 2.5 feet fully cemented into ground with 8-10 inchess of cement above ground = 52 x 7.5 = 390 feet of post</b>	<b>2-4 inches galvanized square for corner posts 1.5 inches galvanized square post</b>
<b>Gate (Galvanized Panel)</b>	<b>Qty 3 – 4 feet galvanized panel outlined with square fencing</b>	<b>See panel/fence design</b>
<b>Gate (Galvanized Panel)</b>	<b>Qty 3 – 12 feet galvanized panel outlined with square fencing</b>	<b>See panel/fence design</b>
<b>Gate (Galvanized Panel)</b>	<b>Qty 5 – 8 feet glvanized panel outlined with square fencing</b>	<b>See panel/fence design</b>
<b>Galvanized Panel Fencing</b>	<b>Various galvanized paneling cut to needed lengths – total of 402 feet</b>	<b>See panel/fence design</b>
<b>Gate Latches</b>	<b>Qty 11 – heavy duty gate latch</b>	<b>See latch example on Pt. 1 Examples</b>
<b>Gate Hinges</b>	<b>Qty 22 – heavy duty gate hinges (2 per</b>	

	gate)	
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### Animal Science Pens Replacement – Pt. 2 (East Barn – Cattle)

<b>Pipe Fence (6 bars) Height = 5 feet</b>	<b>542 feet x 6 bars (10 inch centers) = 3,252 feet of pipe</b>	<b>2 7/8 inches diameter</b>
<b>Gate (6 bars)</b>	<b>Qty 1 – 4 feet wide x 5 feet high x 6 bars = 34 feet for entire gate</b>	<b>2 7/8 inches diameter</b>
<b>Gate (6 bars)</b>	<b>Qty 2 – 8 feet wide x 5 feet high x 6 bars = 116 feet for 2 gates</b>	<b>2 7/8 inches diameter</b>
<b>Gate (6 bars)</b>	<b>Qty 6 = 12 feet wide x 5 feet high x 6 bars = 522 feet for 6 gates</b>	<b>2 7/8 inches diameter</b>
<b>Fence Post cemented in ground</b>	<b>Qty 65 - spaced at a maximum of every 10 feet; 9 feet tall fence posts with 4 feet fully cemented into ground and 8- 10 inches of cement above ground = 65 x 9 = 585 feet of post</b>	<b>Minimum of 4 inch diameter for corner posts for pipe fence. 2 7/8 inches diameter for pipe fence support posts</b>
<b>Gate Latches</b>	<b>Qty 9 – heavy duty gate latch</b>	<b>See Bovine Latch Example (final page)</b>
<b>Gate Hinges</b>	<b>Qty 27 – heavy duty gate hinges (3 per gate)</b>	

### Beef Unit Pens Replacement

<b>Pipe Fence (6 bars) Height = 5 feet</b>	<b>4,072 feet x 6 bars (10 inch centers) = 24,432 feet of pipe</b>	<b>2 7/8 inches diameter</b>
<b>Gate (6 bars)</b>	<b>Qty 15 – 12 feet wide x 5 feet high x 6 bars = 1,305 feet total for 15 gates</b>	<b>2 7/8 inches diameter</b>
<b>Gate (6 bars)</b>	<b>Qty 26 – 14 feet wide x 5 feet high x 6 bars = 2,574 feet total for 26 gates</b>	<b>2 7/8 inches diameter</b>
<b>Fence Post cemented in ground</b>	<b>Qty 408 - spaced at a maximum of every 10 feet; 9 feet tall fence posts with 4 feet fully cemented into ground and 8-10 inches of cement above ground = 408 x 9 = 3,672 feet</b>	<b>Minimum of 4 inch diameter for corner posts for pipe fence. 2 7/8 inches diameter for pipe fence support posts</b>
<b>Gate Latches</b>	<b>Qty 41 – heavy duty gate latch</b>	<b>See Bovine Latch Example (final page)</b>
<b>Gate Hinges</b>	<b>Qty 164 – heavy duty gate hinges (4 per gate)</b>	

### Equine Unit Pens Replacement – Little Arena

<b>Pipe Fence (6 bars) Height = 6 feet</b>	<b>416 feet x 6 bars (10 inch centers) = 2,496 feet of pipe</b>	<b>2 7/8 inches diameter</b>
<b>Gate (6 bars)</b>	<b>Qty 2 – 12 feet wide x 6 feet high x 6 bars = 180 feet total for 2 gates</b>	<b>2 7/8 inches diameter</b>
<b>Fence Post cemented in ground</b>	<b>Qty 42 - spaced at a maximum of every 10 feet; 10 feet tall fence posts with 4 feet fully cemented into ground and 8- 10 inches of cement above ground = 42 x 10 = 420 feet</b>	<b>Minimum of 4 inch diameter for corner posts for pipe fence. 2 7/8 inches diameter for pipe fence support posts</b>
<b>Gate Latches</b>	<b>Qty 2 – heavy duty gate latch</b>	<b>See Equine Latch Example (final page)</b>
<b>Gate Hinges</b>	<b>Qty 8 – heavy duty gate hinges (4 per gate)</b>	

### Equine Unit Pens Replacement – Mare Motel

<b>Pipe Fence (5 bars) Height = 5 feet</b>	<b>222 feet x 5 bars (10 inch centers) = 1,110 feet of pipe</b>	<b>2 7/8 inches diameter</b>
<b>Gate (5 bars)</b>	<b>Qty 10 – 5 feet wide x 5 feet high x 5 bars = 350 feet total for 10 gates</b>	<b>2 7/8 inches diameter</b>
<b>Gates (5 bars)</b>	<b>Qty 10 – 12 feet wide x 5 feet high x 5 bars = 750 feet total for 10 gates</b>	<b>2 7/8 inches diameter</b>
<b>Fence Post cemented in ground</b>	<b>Qty 50 - spaced at a maximum of every 10 feet; 9 feet tall fence posts with 4 feet fully cemented into ground and 8- 10 inches of cement above ground = 50 x 9 = 450 feet</b>	<b>Minimum of 4 inch diameter for corner posts for pipe fence. 2 7/8 inches diameter for pipe fence support posts</b>
<b>Gate Latches</b>	<b>Qty 20 – heavy duty gate latch</b>	<b>See Equine Latch Example (final page)</b>
<b>Gate Hinges</b>	<b>Qty 70 – heavy duty gate hinges (3 per 5 feet gate and 4 per 12 feet gate)</b>	

### Equine Unit Pens Replacement – Pen Section 1

<b>Pipe Fence (5 bars) Height = 5 feet</b>	<b>1,560 feet x 5 bars (10 inch centers) = 7,800 feet of pipe</b>	<b>2 7/8 inches diameter</b>
<b>Gate (5 bars)</b>	<b>Qty 8 – 12 feet wide x 5 feet high x 5 bars = 600 feet total for 8 gates</b>	<b>2 7/8 inches diameter</b>
<b>Fence Post cemented in ground</b>	<b>Qty 156 - spaced at a maximum of every 10 feet; 9 feet tall fence posts with 4 feet fully cemented into ground and 8-10 inches of cement above</b>	<b>Minimum of 4 inch diameter for corner posts for pipe fence. 2 7/8 inches diameter</b>

	<b>ground = 156 x 9 = 1,404 feet</b>	<b>for pipe fence support posts</b>
<b>Gate Latches</b>	<b>Qty 8 – heavy duty gate latch</b>	<b>See Equine Latch Example (final page)</b>
<b>Gate Hinges</b>	<b>Qty 32 – heavy duty gate hinges (4 per gate)</b>	

### **Equine Unit Pens Replacement – Section 2**

<b>Pipe Fence (5 bars) Height = 5 feet</b>	<b>755 feet x 5 bars (10 inch centers) = 3,775 feet of pipe</b>	<b>2 7/8 inches diameter</b>
<b>Gate (5 bars)</b>	<b>Qty 12 – 12 feet wide x 5 feet high x 5 bars = 900 feet total for 12 gates</b>	<b>2 7/8 inches diameter</b>
<b>Fence Post cemented in ground</b>	<b>Qty 76 - spaced at a maximum of every 10 feet; 9 feet tall fence posts with 4 feet fully cemented into ground and 8-10 inches of cement above ground = 76 x 9 = 684 feet</b>	<b>Minimum of 4 inch diameter for corner posts for pipe fence. 2 7/8 inches diameter for pipe fence support posts</b>
<b>Gate Latches</b>	<b>Qty 12 – heavy duty gate latch</b>	<b>See Equine Latch Example (final page)</b>
<b>Gate Hinges</b>	<b>Qty 48 – heavy duty gate hinges (4 per gate)</b>	

### **Equine Unit Pens Replacement – Alley Gates**

<b>Gate (5 bars) Height = 5 feet (North and South End of Mare Motel Alley)</b>	<b>Qty 4 - 9.5 feet x 5 bars (10 inch centers) = 250 feet of pipe</b>	<b>2 7/8 inches diameter</b>
<b>Gate (5 bars) Height = 5 feet (East End of Pens)</b>	<b>Qty 2 – 10 feet x 5 feet high x 5 bars = 130 feet of pipe for 2 gates</b>	
<b>Gate Latches</b>	<b>Qty 3 – heavy duty gate to gate latches</b>	<b>See Equine Latch Example (final page)</b>
<b>Gate Hinges</b>	<b>Qty 24 – heavy duty gate hinges (4 per gate)</b>	

### **Additional Information:**

All fencing and posts should be secured together with butterfly pipe clips and all joints should be fully welded. The top rail for the fence should be saddled with fully welded joints as well. Please note that all piping should be 2 7/8 inch oilfield pipe, with the exception of the 1 ½ inch square galvanized piping and galvanized paneling in Pt. 1.

In your proposal, please attest that you are willing to schedule work with Eberle Construction and any other vendor performing work during this timeframe.

**Project Timeline:** Every area must be completed on or before August 2, 2021. The selected vendor(s) will establish a time frame for replacement with Justin Villmer.

**Exclusions:** Any project exclusions or any portion of the bid that cannot be completed must be disclosed in an area labeled *exclusions*.

**Sales Tax:** Colby Community College is a tax-exempt entity, and all sealed bids should reflect the exclusion of sales tax.

*Vendors are required to visit and measure the project site. The physical inspection must occur on or before March 26, 2021. Please coordinate these activities with Justin Villmer, (785) 460-5407, or e-mail him directly at [justin.villmer@colbycc.edu](mailto:justin.villmer@colbycc.edu). Any questions can also be directed to the aforementioned contact provided.*

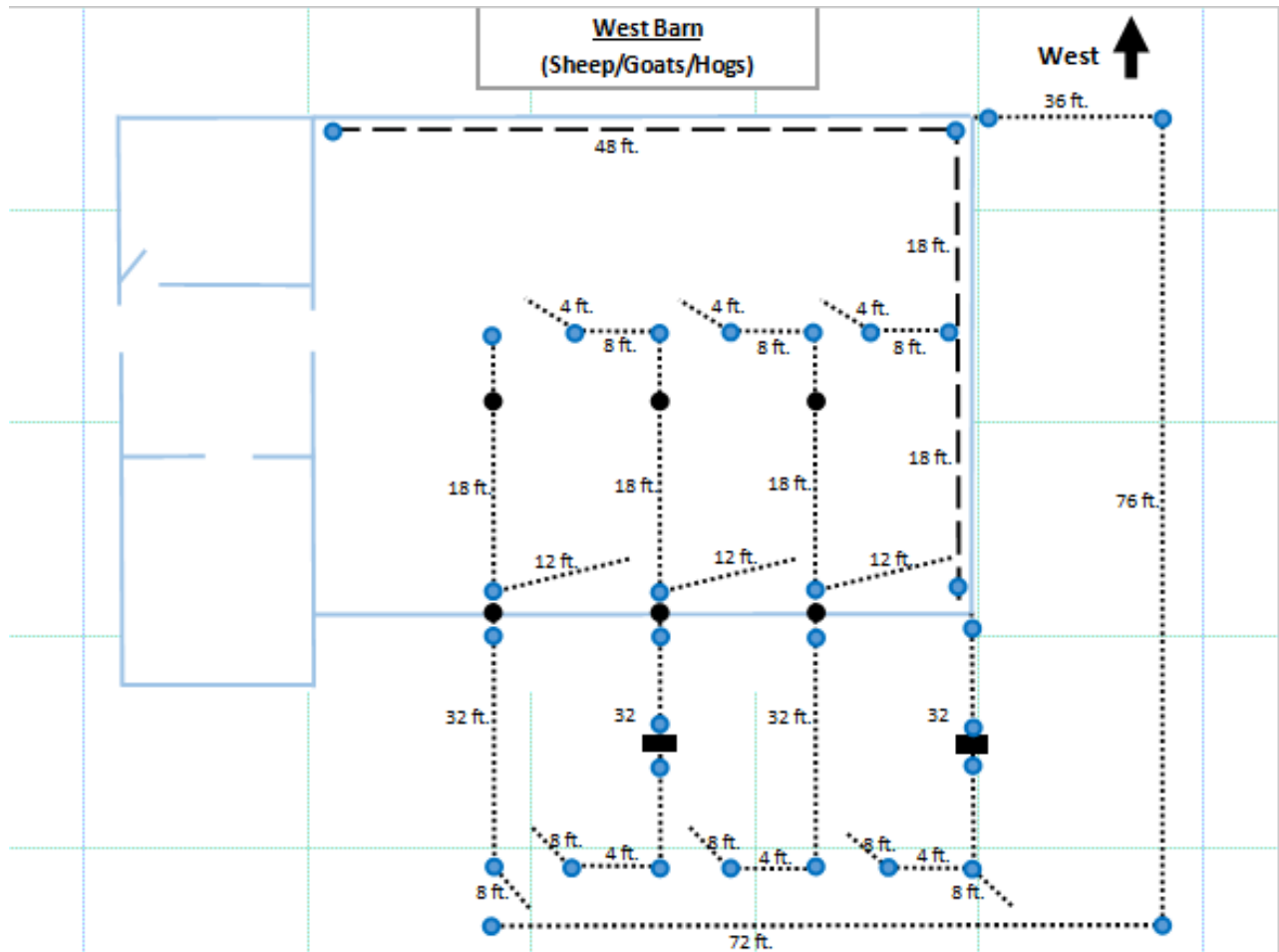
All sealed bids need to be finalized and turned in by April 1, 2021, by 12:00 PM (noon) to Thomas Hall (CCC's Main Campus), attention: Justin Villmer.








The Board meeting will be held on April 19, 2021, to select a vendor or vendors. The selected vendor(s) will be notified after approval has been received from the Board of Trustees.

Please direct questions or bids to Justin Villmer, [justin.villmer@colbycc.edu](mailto:justin.villmer@colbycc.edu), or contact him directly at (785) 460-5407.

**Statement of Disclosure:** The board reserves the right to reject any or all bids, to accept that bid which appears to be in the best interest of the college, to waive any informalities in any part of any bid, and to reject any or all bids received after the date and time specified. Any bid may be withdrawn prior to the scheduled time for the opening of bids. The bidder to whom the award is made may be required to enter into a written contract with the college and provide a performance or public works bond as required by law or the Board of Trustees (where applicable).

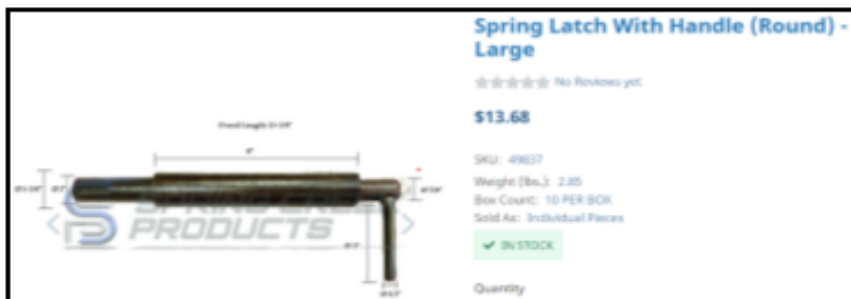
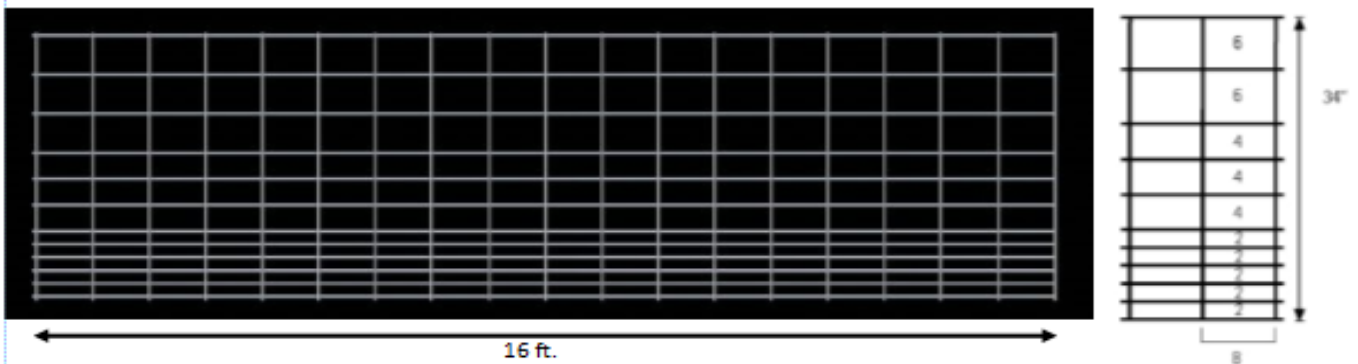
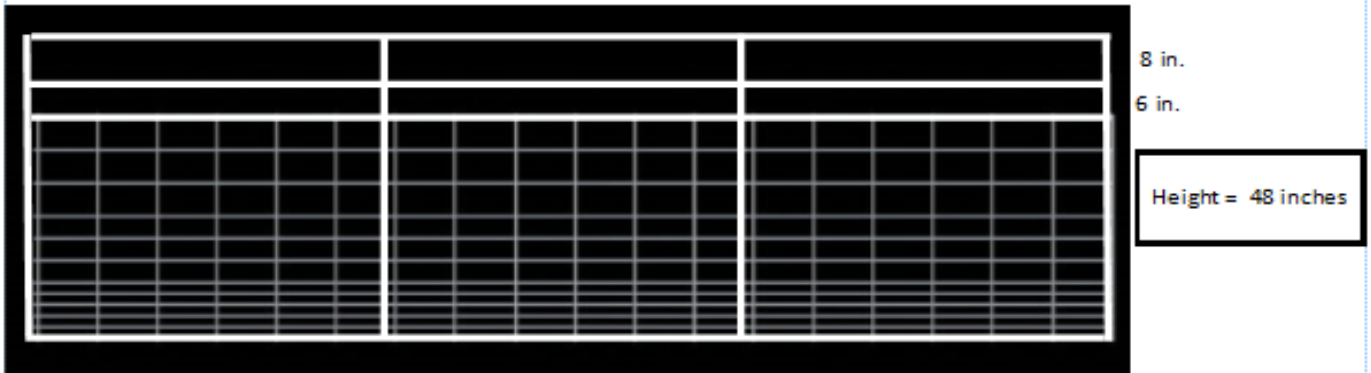
# Animal Science Pens Replacement-Pt. 1 (West Barn-Sheep/Goats/Hogs):



	Waterer
	Barn Post
	Gate
	Fence
	Barn
	Pipe Fence (5 bar)
	Pence post set in concrete

# Animal Science Pens Replacement-Pt. 1 Examples (West Barn-Sheep/Goats/Hogs):

## Sheep/Goat/Hog Fence



Potential gate latches  
(Need 11)

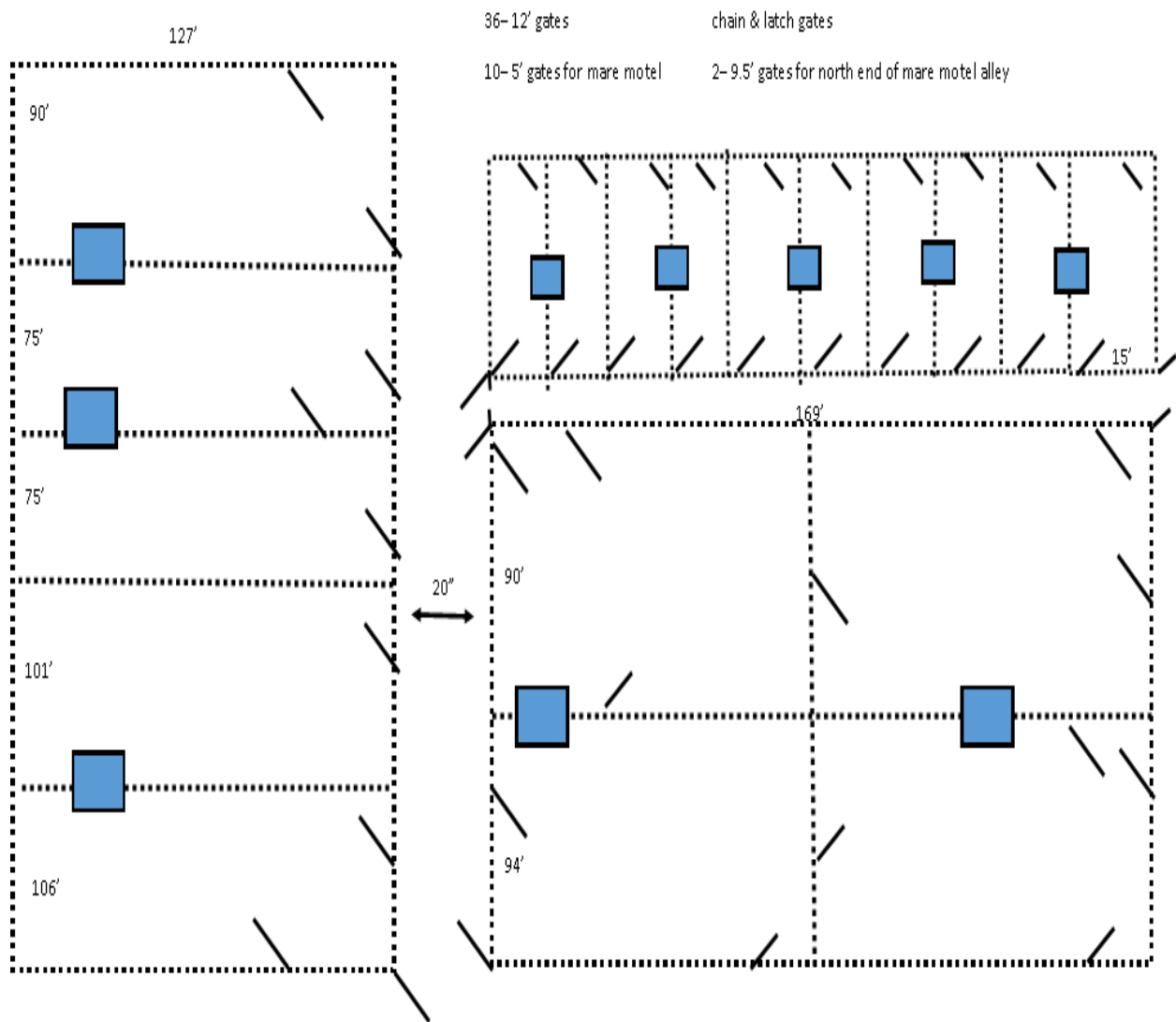
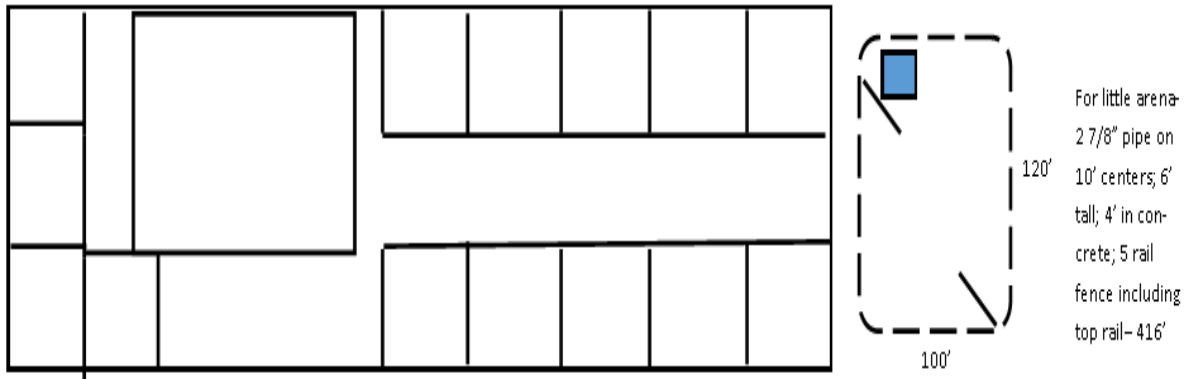






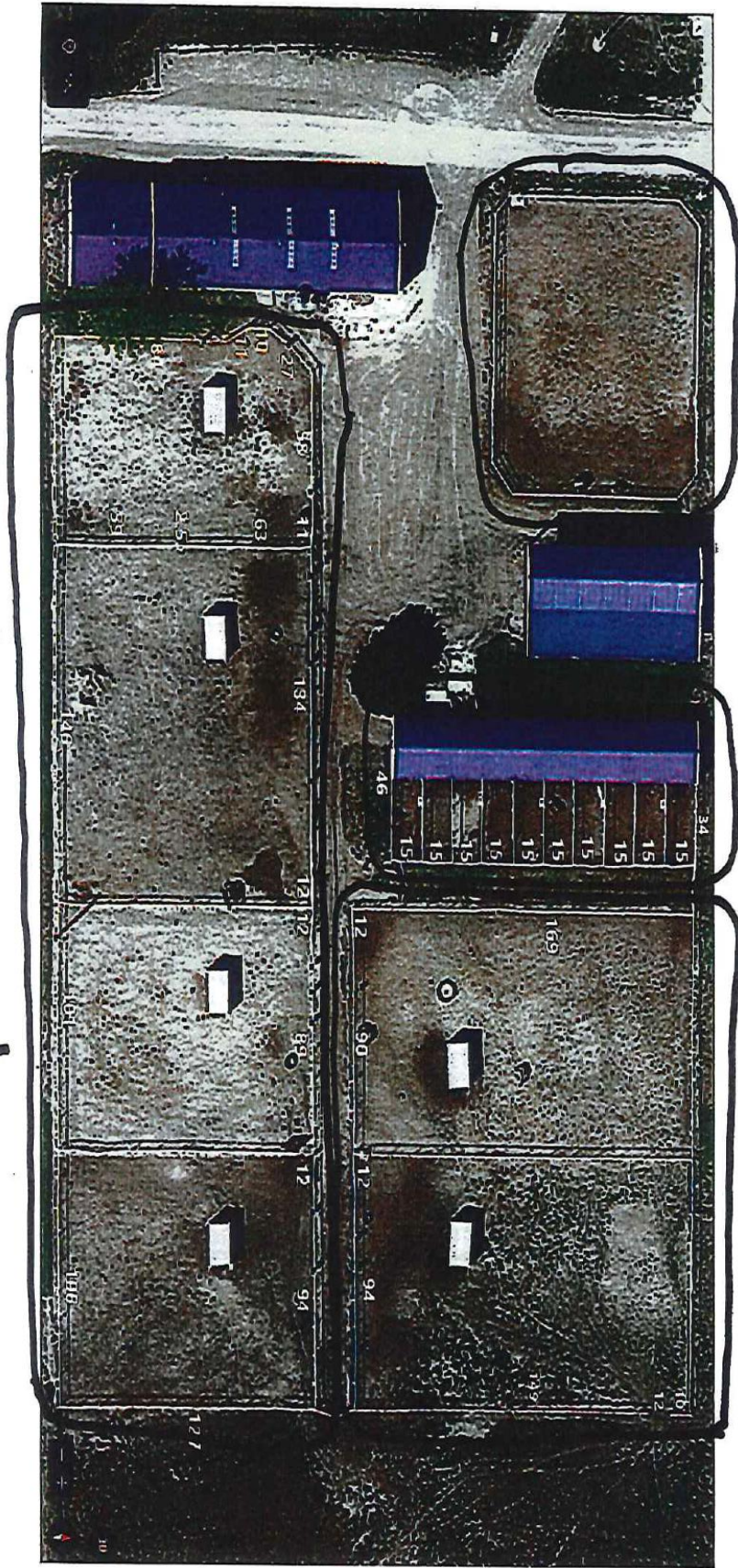


# Equine Unit Replacement Diagram:





Pen Section 1 -



- Little Arena

- Mare Motel

- Pen Section 2

## Latch Example – Equine Unit



## Latch Example – Bovine Units

