

**WILDLIFE FRIENDLY FENCE CONSTRUCTION JOBSHEET**

**Required Wire Spacing and Optional Fence Markers and Crossings**

Client: \_\_\_\_\_ Date: \_\_\_\_\_

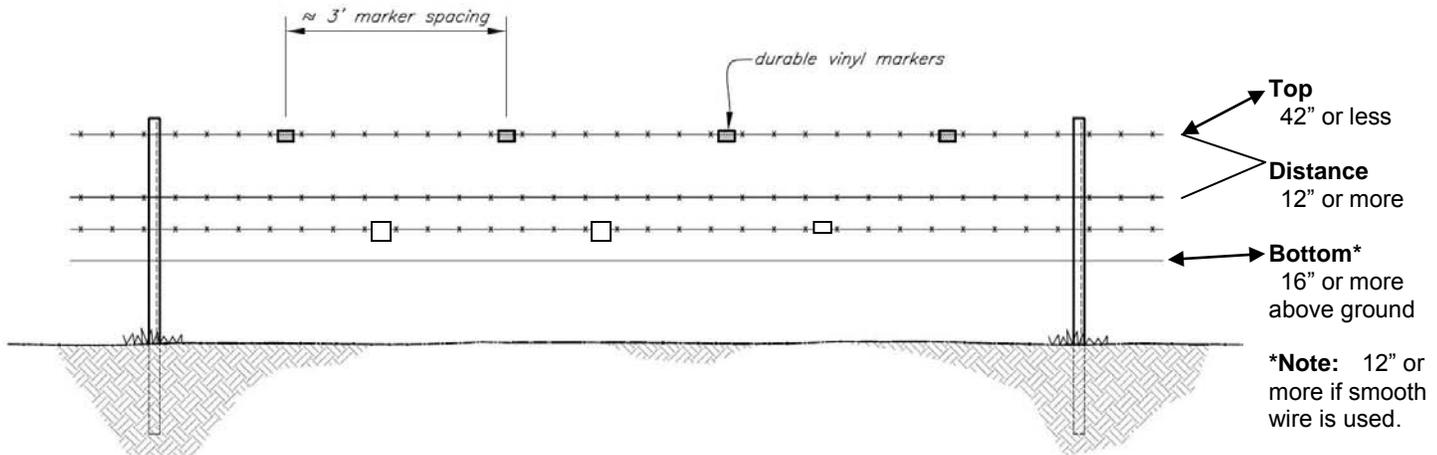
Location: \_\_\_\_\_ Address: \_\_\_\_\_

NRD: \_\_\_\_\_ Field Office: \_\_\_\_\_

Program: \_\_\_\_\_ Contract/Application #: \_\_\_\_\_

Planned by: \_\_\_\_\_ Date: \_\_\_\_\_ Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

Objective: \_\_\_\_\_



**Note: No woven wire may be used.**

**Maintenance and Monitoring:** Marked fences that are damaged shall be repaired to ensure adequate wire visibility. If fences are replaced, new fences shall be marked. Monitor for evidence of wildlife collisions and contact NRCS if strikes continue in marked fences or unmarked fences.

**Client's Acknowledgement Statement:**

The Client acknowledges that they have received a copy of the specification and understand the contents and requirements.

Accepted by: /s/ \_\_\_\_\_ Date: \_\_\_\_\_

**Certification:**

I have completed a review of the information provided by the client and certify this practice has been applied.

Certification by: /s/ \_\_\_\_\_ Job title: \_\_\_\_\_ Date: \_\_\_\_\_

**SPECIFICATIONS WITH APPROPRIATE DRAWINGS ATTACHED**

Drawings new: 05/12

eFOTG 382 Fence Drawings – Nebraska Standard Drawing for Wildlife Friendly Fence with Pass Through

Optional Big-Game Crossing Alternatives ([A Landowner’s Guide to Wildlife Friendly Fences: How to Build Fence with Wildlife in Mind](#))

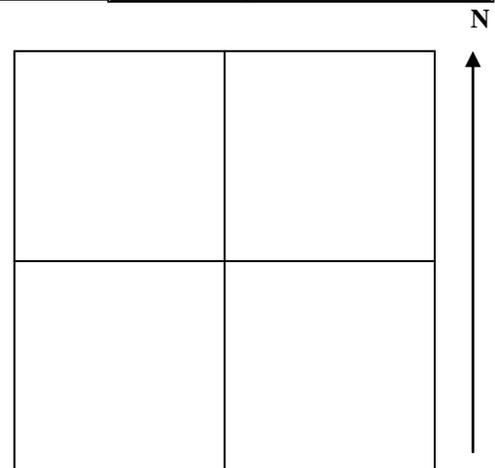
- Rail Top Fence < 40” height (page 15)
- PVC Pipe Modification (pages 25 and 31)
- Adjustable Wire Seasonal Modification (pages 26 and 30)
- Gate/Drop or Lay-Down Fence (pages 23, 28 and 29)

These options can be considered at strategic locations where routine crossing by big game is known to occur (active trails, migration corridors, areas of prime habitat, etc.)

Refer to [Nebraska Biology Technical Note 82](#) for additional information on design and installation of the techniques.

| Field No.(s) | Type of Fence (Stand., Elec., Suspen) | Contract or Agreement Item Number | Planned |            | Installed |            |
|--------------|---------------------------------------|-----------------------------------|---------|------------|-----------|------------|
|              |                                       |                                   | Rods    | Linear Ft. | Rods      | Linear Ft. |
|              |                                       |                                   |         |            |           |            |
|              |                                       |                                   |         |            |           |            |
|              |                                       |                                   |         |            |           |            |
|              |                                       |                                   |         |            |           |            |
| Totals       |                                       |                                   |         |            |           |            |

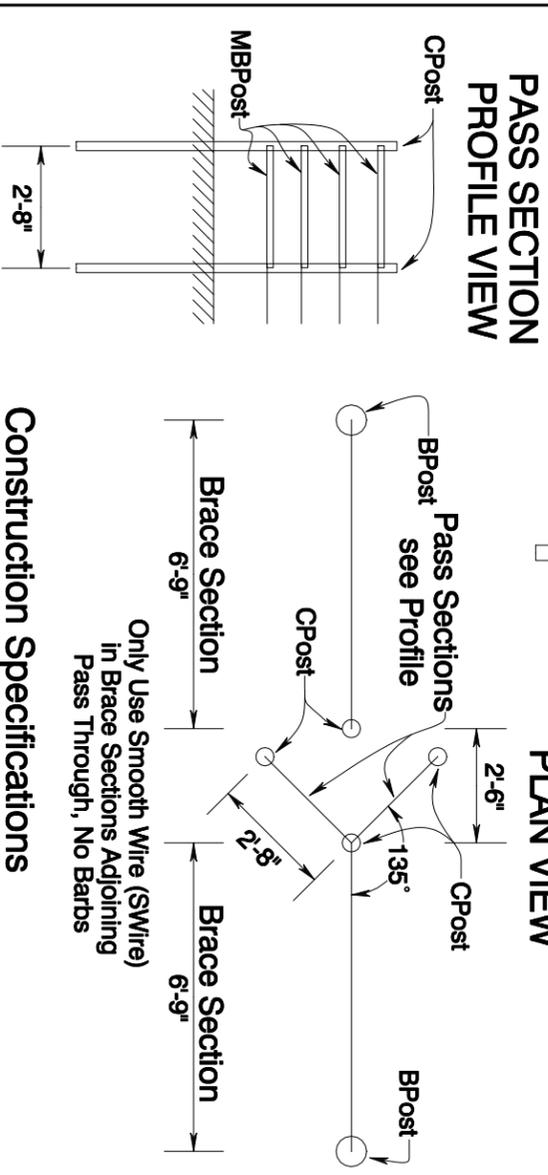
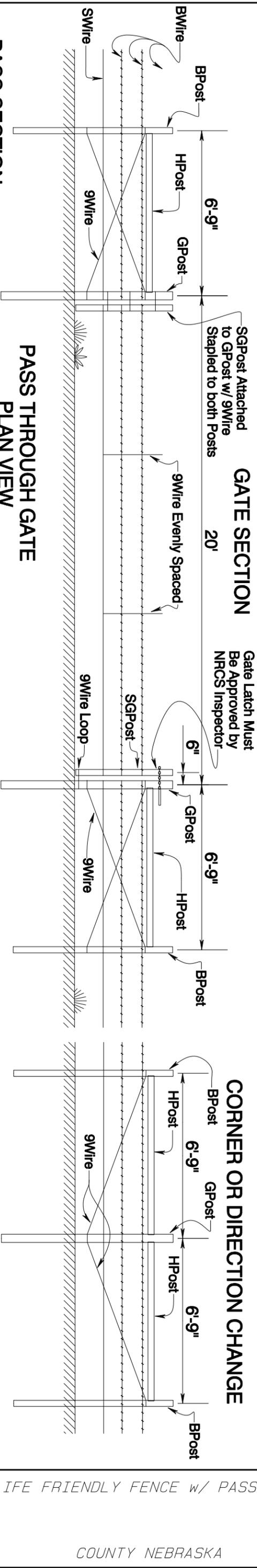
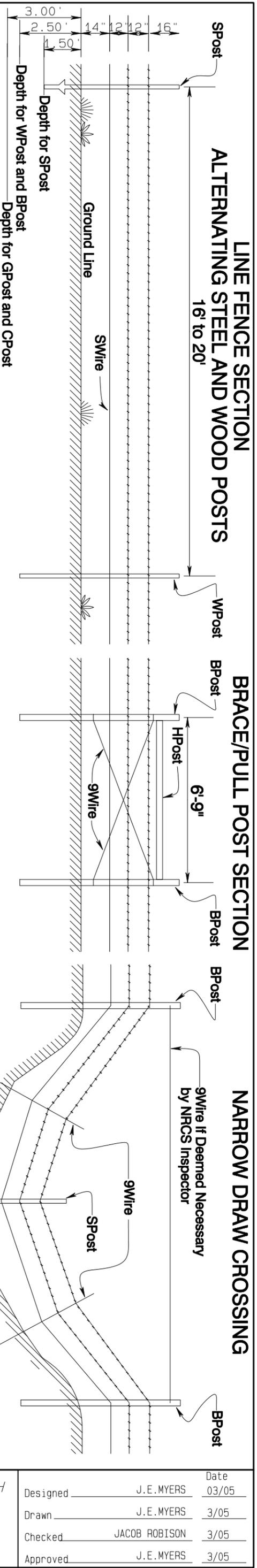
Remarks (Fencing Materials to be used or other guidance):



Attach aerial map showing locations of planned wildlife friendly fence

Scale: 2" = mile

Legal Description: Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Range \_\_\_\_\_



**Material Specifications**

|            |                         |  |
|------------|-------------------------|--|
| Posts      | Wood Line Post          | Osageorange: 2" Dia min 7'-0" Length, Redcedar: 3" Dia min 7'-0" Length Black Locust: 3" Dia min 7'-0" Length, Redwood: 3" Dia min 7'-0" Length Other Types: 3" Dia min 7'-0" Length and Treated with a Preservative |
| SPost      | Steel Line Post         | Steel w/ Anchor Plate: 1.33 lbs/ft (exclude anchor) 6'-0" Length   |
| BPost      | Brace Post              | Wood: min 5" Dia 7'-0" Length  |
| GPost      | Gate/Corner Post        | Wood: min 3" Dia 4" Length (Not Buried)  |
| SGPost     | Short Gate Post         | Wood: min 3" Dia 4" Length (Not Buried)  |
| HPost      | Horizontal Bracing Post | Wood: 3" Dia 6'-6" Length  |
| CPost      | Capped Post             | Metal Pipe 2.375" Dia 7'-6" Length Metal Capped Top  |
| MBPost     | Metal Bracing Post      | Metal Pipe 1.66" Dia 32" Length  |
| Wire Types | Barb Wire               | 2 Twisted Strands at least 12.5 ga w/ 14 ga 2 point barbs 4" apart   |
|            | Smooth Wire             | 2 Twisted Strands at least 12.5 ga   |
|            | Bracing Wire            | Double Strand No. 9 ga galvanized  |
|            | Anchor                  | 8"x8"x16" Concrete Block   |
|            | Staples                 | 9 ga Wire min 1" Length (3/4" w/ Osageorange)  |

**Construction Specifications**

- Fencing shall be placed on the side of the post opposite the area being protected, except on curves where it is to be placed on the outside of the curve
- Fencing shall be fastened to each end post, corner post, and pull post by wrapping each horizontal strand around the post and tying it back on itself w/ at least 3 tightly wound wraps
- Fencing shall be fastened to wood line posts w/ staples. Staples shall be driven diagonally with the grain, at a slight downward angle, not binding the wire against the wood
- Fencing shall be fastened to steel line posts w/ 2 turns of 14 ga galvanized wire or manufacturer's fasteners
- Wire shall be spliced by Western Union splice or equivalent. Splice to be at least 80% of wire strength
- Deadman anchors shall be set at least 4' underground
- Corner or direction change assembly to be used at all horizontal direction changes > 5 deg or corners
- Pull post assemblies are required where vertical angle change > 10 deg. and at 40 line section intervals (20 ft.)
- Wood posts shall be set in holes 6 in. larger than post dia.. steel posts shall be driven
- Backfill shall be tamped in layers less than 4 in. filling hole to ground level, earthfill shall be crowned around post