BUREAU OF LAND MANAGEMENT
ELKO FIELD OFFICE
BURNED AREA EMERGENCY REHABILITATION PLAN AND ACCOMPLISHMENT REPORT

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	**REPLACE PRE-EXISTING FENCE REQUIRED FOR RESOURCE PROTECTION.**	**AGENCY:**	**BLM Elko F.O.**
PART E LINE ITEM:	**P-2b Grazing Exclusion (BLM 98-148 III. O)**	**FISCAL YEAR(S) (list each year):**	**2000**

I. WORK TO BE DONE

Number and Describe Each Task:

A. **General Description:** Reconstruct allotment boundary fences and interior pasture fences. Remove burned fence materials including wire. These fences are used as part of the livestock and allotment management plans. Support costs are included to provide for administrative costs and contracting issues.

B. **Location (Suitable) Sites: Refer to Map Index, Treatment Section** and/ or description of improvements. Fences are to be re-established on original fence line locations.

C. **Design/Construction Specifications:** Fence construction shall be in accordance with standard BLM design specifications. **(See attached diagram)**

1. New fence materials shall be utilized.

2. Construct 4 wire fence for allotment boundaries consisting of 3 strands of 12 ½ gauge twisted barbed wire and a bottom strand of 12 ½ gauge twisted smooth wire unless high stock pressure necessitates barbed throughout. 5 ½ foot steel T posts shall be driven 1 ½ feet in ground and spaced at 16.5 feet. Interior fences shall be constructed of 3 wire with the bottom wire being smooth where practical.

3. Wood or steel brace posts (stress panels) as recommended by the district shall be placed at all corners or at a maximum of 1/4 mile spacing or as necessary to compensate for topographical undulations. Brace posts are to be secured using 12 ½ gauge smooth steel wire with a minimum breaking strength of 950 lbs. force.

4. Additional specifications regarding fence replacement will be provided at time of reconstruction initiation**.**

5. Remove all burned fence materials from allotment, including wire.

D. **Purpose of Treatment Specifications:**

1. Fences shall be replaced to protect rangeland and soil resources as well as to allow future livestock and range management practices to continue.

2. Other resources requiring protection from livestock grazing include isolated riparian areas and sensitive tree and shrub species and key wildlife areas.

II. LABOR, MATERIALS AND OTHER COST:

▸ **PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).**	**COST/ITEM**
GS-11 @ $22.50 / hour x 10 hours / day x 2 days / week x 1 week x 1 Year	**$450.00**
TOTAL PERSONNEL SERVICE COST	**$450.00**

▸ MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item:	COST/ITEM
12 ½ Gauge domestic galvanized twisted two point barbed wire @ 35.00 per roll x 15 rolls x 1 year	**$525.00**
5 ½ ft Steel painted T posts @ $2.59 per post x 320 posts x 1 year	**$829.00**
12 ½ gauge domestic galvanized twisted smooth wire @ $38.00 per roll x 5 rolls x 1 year	**$190.00**
8 foot brace posts (wood or steel) @ $10.00 each x 60 posts x 1 year	**$600.00**
48 inch wire twist stays @ $0.59 ea. x 320 stays x 1 year	**$189.00**
Wire T post clips @ $0.05 ea. x 1280 clips x 1 year	**$64.00**
Fence staples @ $30.00 / per 50 lbs. case x 1 case x 1 year	**$30.00**
TOTAL MATERIALS AND SUPPLY COST	**$2,427.00**
▸ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item:	COST/ITEM
vehicle cost: 1 vehicle @ $2.00 / mile x 200 miles x 1 year	**$400.00**
TOTAL TRAVEL COST	**$400.00**
▸ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
Fence supervisor @ 28.00 / hour per person x 2 people x 5 hrs x 1 year	**$280.00**
Fencers @ 20.00 / hour per person x 10 fencers x 5 hrs x 1 year	**$1,000.00**
TOTAL CONTRACT COST	**$1,280.00**

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	**Miles**	**$4,557.00**	**1**	**$4,557.00**	**EFR**	**C**
FY 2						
FY 3						
TOTAL:	**Miles**	**$ 4557.00**	**1**	**$4557.00**	**EFR**	**C**

FUNDING SOURCES:
F = Fire Suppression Account
EFR = Emergency Fire Rehabilitation
OP = Agency Operating Fund
O = Other

M ETHODS:
P = Agency Personnel Services
C = Contract (Long-Term)
EFC = Emergency Fire Contract
FC = Crew Labor Assigned to Fire

SOURCE OF COST ESTIMATE

1. Estimate obtained from 2-3 independent contractual sources.	L,M,C
2. Documented cost figures from similar project work obtained from local agency sources.	C,T
3. Estimate supported by cost guides from independent sources or other federal agencies.	C
4. Estimates based upon government wage rates and material cost.	P
5. No cost estimate required - cost charged to Fire Suppression Account.	

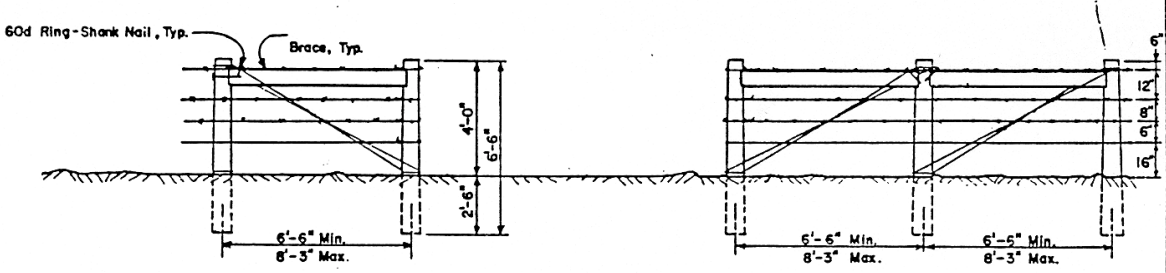
P = Personnel Services, **M** = Materials/Supplies, **T** = Travel, **C** = Contract, **F** = Suppression
C,M - Franklin Building Supply, Coast to Coast, Sargeant Fence Co., High Country Outfitters.

III. RELEVANT DETAILS, MAPS AND DOCUMENTATION INCLUDED IN THIS REPORT:

List Relevant Documentation and Cross-Reference Location within BAER Report:
Map Index - Treatment Section , Resource Advisor Reports , Detail notes

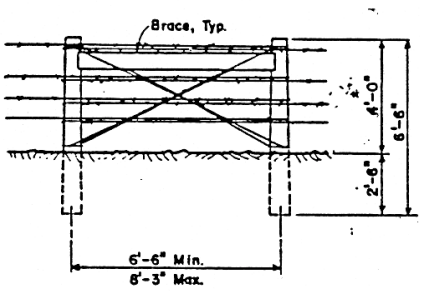
IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Linka	**1**	**$4,557.00**
TOTAL COST	**1**	**$4,557.00**

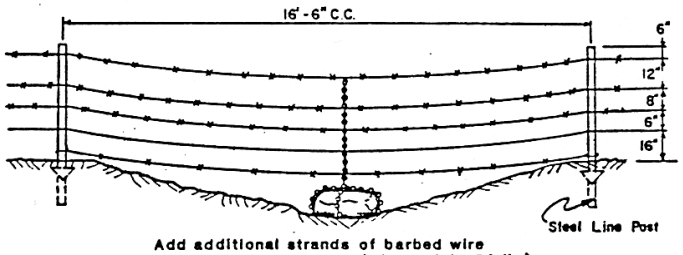


TWO-POST END PANEL

THREE-POST END PANEL

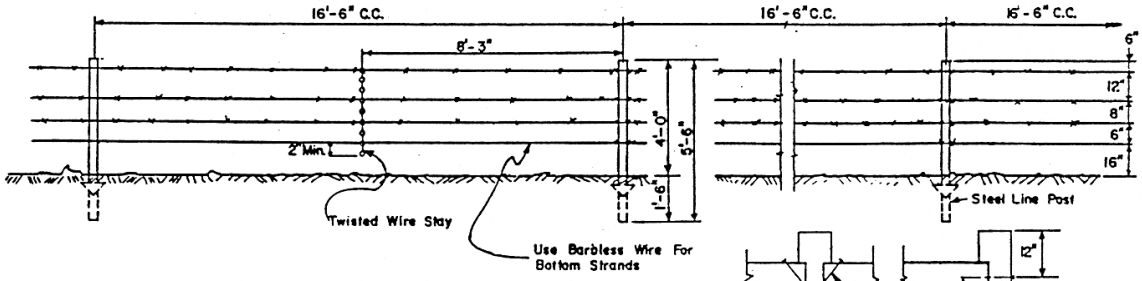


STRESS PANEL

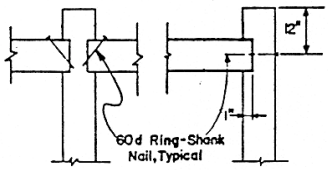


Add additional strands of barbed wire and/or a rock deadman (min. weight 50 lb.) when space between bottom wire and ground exceeds twenty inches.

PANEL AT MINOR DEPRESSION



LINE PANELS



MORTISE DETAIL

NOTES:

I. See specifications for the following:

1. Type of end panel to be used.
2. Type of gate(s) to be used.
3. Type of corner panel(s) to be used.

II. Wires to be tied off at stretch points. Wrap twice around post and splice to self at least four turns, at opposite end of panel.

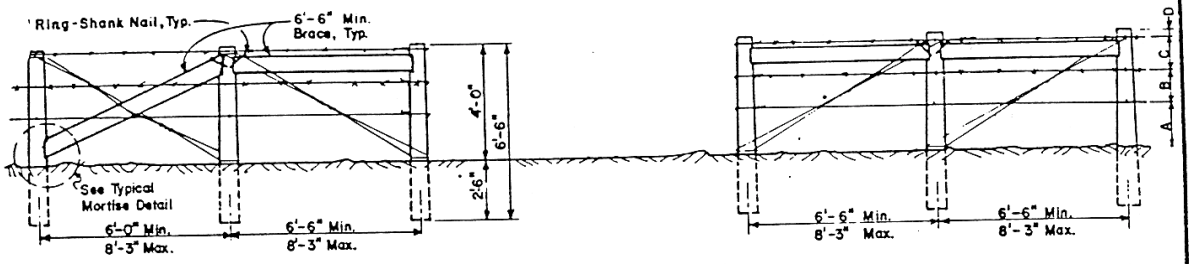
III. A steel line post driven a minimum four feet into the ground may be used in lieu of a rock deadman at minor depressions.

ALWAYS THINK SAFETY

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Branch of Engineering — Nevada State Office

BARBED WIRE FENCE
NV (4-Wire X 16½')

DESIGNED	BY OTHERS
REVIEWED	James O. Johnson
APPROVED	George R. Clarke
DRAWN by others	SCALE NONE
DATE: JAN 1988	SHEET OF
DRAWING NO. NV 02833 (56)	

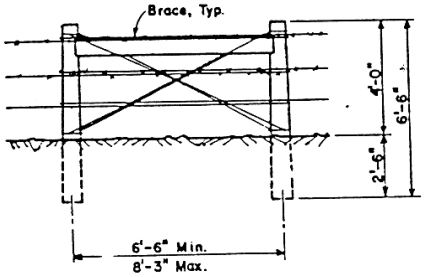


END PANEL-TYPE I

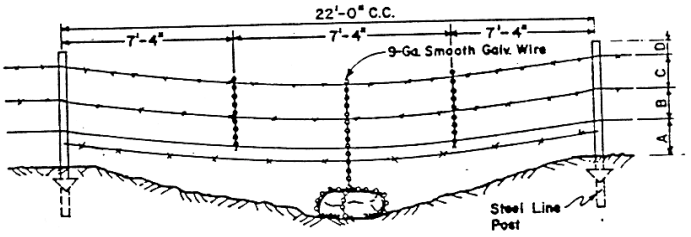
(See Specifications For Type To Be Used)

END PANEL-TYPE II.

(See Specifications For Type To Be Used)

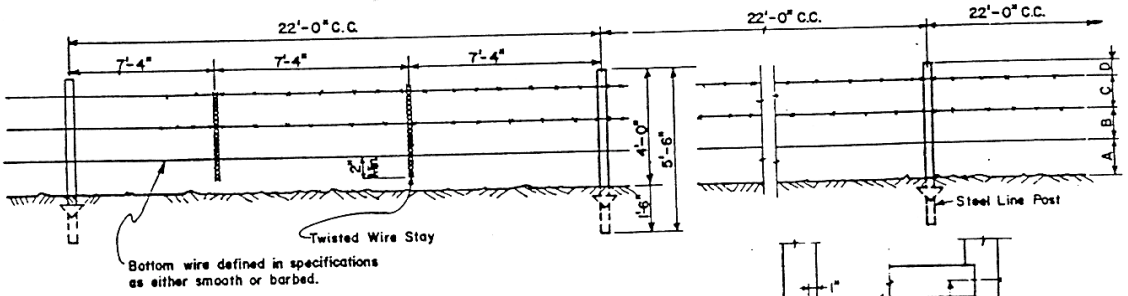


STRESS PANEL

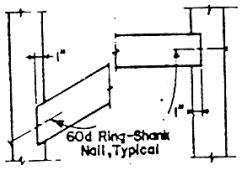


Add Additional Strands Of Barbed Wire And/Or A Rock Deadman (Min. Weight 50 Lb.) When Space Between Bottom Wire And Ground Exceeds 20 In.

PANEL AT MINOR DEPRESSION



LINE PANELS



MORTISE DETAIL

NOTES:

I. See Specifications For The Following:
1. Type of End Panel to be used.
2. Spacing between strands.
3. Type of Gate(s) to be used.
4. Type of Corner Panel(s) to be used.

II. Wire to be tied off at stretch points; wrap and splice to self w/at least 4 turns; at opposite end of Panels.

ALWAYS THINK SAFETY

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Branch of Engineering — Nevada State Office

BARBED WIRE FENCE

NEVADA — 3 WIRE x 22"

DESIGNED BY OTHERS	
REVIEWED	
APPROVED	
DRAWN OTHERS	SCALE NONE
DATE NOV 1984	SHEET 1 OF 1
DRAWING NO. NV02833(54)	