FENCE (382) CONSERVATION PRACTICE DOCUMENTATION WORKSHEET

PERMANENT POWER FENCE 382(e)

CLIENT/OPERATING UNIT: _____ LOCATION: _____ FARM NO. _____

TRACT: _____ FIELD(S): _____ PROGRAM: _____ CONTRACT NO. | ITEM NO.: _____

PURPOSE: _____ JOB APPROVAL CLASS _____

PLANNED INSTALLATION DATE: _____ / _____ / _____ NRCS TECHNICIAN _____

TYPE OF FENCE	UNITS	PLANNED LENGTH	INSTALLED LENGTH	
Permanent Power Fence	Feet	_____	_____	

	UNITS	PLANNED	AS BUILT
I. GALVANIZED WIRE			
A. SMOOTH WIRE			
1. Wire tensile strength	PSI	_____	_____
2. Size	GAUGE	_____	_____
3. Coating (ASTM Class)	NUMBER	_____	_____
4. Number of line wires	NUMBER	_____	_____
5. Height of fence (height of top wire)	INCHES	_____	_____
6. Spacing between line wires (listed from ground up)	INCHES	_____	_____
7. "Live" wires (circle "live" wires at heights listed in No. 6 above)	NUMBER	_____	_____
B. KIND OF WIRE SPLICE(S) USED		_____	
C. LINE WIRES FREELY MOVE THROUGH WIRE FASTENERS AT POST LOCATIONS?		_____	
D. ALL LINE WIRES DEAD-ENDED AT ANCHOR POST (PULL POST)?		_____	
E. LINE WIRE STRAINERS (TIGHTENERS) ATTACHED TO EACH LINE WIRE?		_____	
F. TENSION INDICATOR SPRING ON AT LEAST ONE LINE WIRE IN EACH FENCE SECTION?		_____	
G. LINE WIRE TENSION	POUNDS	_____	_____
II. WIRE INSULATORS			
A. Kind	MATERIAL	_____	_____
B. Provision for attaching insulators to posts?	KIND	_____	_____
C. Installed at all metal or wood post locations?		_____	_____
III. STAYS			
A. Kind	MATERIAL	_____	_____
B. Number of stays placed between line posts	NUMBER	_____	_____
C. Spacing between stays	FEET	_____	_____
IV. POSTS			
A. LINE POSTS (other Than Steel)			
1. Kind	MATERIAL	_____	_____
a. Treatment (signed certification attached)	KIND	_____	_____
2. Length	FEET	_____	_____
3. Top diameter	INCHES	_____	_____
4. Depth set in ground	FEET	_____	_____
5. Spacing of line posts	FEET	_____	_____

	UNITS	PLANNED	AS BUILT
IV. POSTS (continued)			
B. STEEL LINE POSTS			
1. Coating	KIND		
2. Weight (exclusive of anchor plate)	POUNDS/FT		
3. Length	FEET		
4. Depth set in ground	FEET		
5. Spacing	FEET		
C. CORNER, GATE AND BRACE POSTS			
1. Kind	MATERIAL		
a. Treatment (signed certification attached)	KIND		
2. Length	FEET		
3. Top diameter	INCHES		
4. Depth set in - Earth ☐; Concrete ☐	FEET		
5. Spacing between in-line brace units	FEET		
6. Brace units at all gates?			
V. BRACING			
A. HORIZONTAL OR DIAGONAL BRACES			
1. Length *(horizontal brace)*|*(diagonal brace)*	FEET	|	|
2. Diameter *(horizontal brace)*|*(diagonal brace)*	INCHES	|	|
3. Height above ground *(horizontal brace)*|*(diagonal brace)*	INCHES	|	|
A. Ground Rods: Galvanized Steel ☐; Copper ☐ (If copper rods used, then all clamps and wire are also of copper)			
B. Ground rod size	DIAMETER *(in)*| LENGTH *(ft)*	|	|
C. Ground rods at energizer	NUMBER		
D. Ground rod spacing along main fence line	FEET		
E. Lightning arrestor installed?			
VIII. SAFETY			
A. Warning signs installed? Spacing of signs	FEET		
B. Cut-off switches installed?			
IX. ENERGIZER			
A. Minimum output	VOLTS (kv)		
B. Pulse rate	PULSES/MIN		
C. Pulse duration	MICROSECONDS		
X. FENCE ALIGNMENT REASONABLY STRAIGHT?			
XI. ESTIMATED COST		$	$

Practice specifications for materials and fence construction have been reviewed and *agreed to*:

_____ ____/____/_____ _____

Client Date NRCS Planner

I certify that the above practice has been installed according to Nevada NRCS Fence Specifications:

Date: ____/____/_____ _____

NRCS Planner