

GOLDEN GATE BRIDGE

SUICIDE BARRIER PROPOSAL

Proposed by:
Z-CLIP INTERNATIONAL FENCE
SYSTEMS, LLC

BACKGROUND

- v INVENTION PATENTED IN THE U.S.A. & CANADA AS “THE TENSED WIRE SUSPENSION SYSTEM”. US PATENT #4,436,284.
- v OVER 12 YEARS & 1,500 MILES OF PROVEN RELIABILITY IN CHILE, SOUTH AMERICA.
- v US & CANADIAN PATENTS LICENSED TO Z-CLIP INTERNATIONAL FENCE SYSTEMS, A LIMITED LIABILITY COMPANY.
- v USED IN NUMEROUS APPLICATIONS.
 - AGRICULTURAL FENCES
 - SECURITY FENCES
 - PROTECTIVE SKI BARRIERS
 - VINEYARD TRELLISING
 - HIGHWAY FENCES

PRINCIPAL BENEFITS

- √ MINIMAL VISUAL CONTAMINATION.
- √ ELIMINATES SUBSTANTIALLY INTERMEDIATE POINTS OF SUPPORT (UP TO 100' BETWEEN INTERMEDIATE POSTS).
- √ MINIMAL WIND RESISTANCE.
- √ HIGHLY FLEXIBLE & ELASTIC.
- √ DESIGNED TO BE VERY DIFFICULT TO PENETRATE OR TRAVERSE.

TECHNICAL ADVANTAGES

- √ HIGHLY DURABLE & RESISTANT STRUCTURE.
- √ CONSTRUCTED FROM HIGHEST GRADE HIGH-TENSILE STEEL WIRE, MANUFACTURED IN USA..
 - HORIZONTAL WIRES -11 OR 12 GAUGE WIRE
 - Z-CLIP FASTENERS - 8 OR 9 GAUGE WIRE
- √ WEATHER RESISTANT- CLASS III GALVANIZED, OR GALVANIZED & PVC COATED.
- √ LOW MAINTENANCE & EASILY REPAIRED
- √ DIFFICULT TO CUT

PROPOSAL

PHASE I - ERECT 200' - 300' OF PROTOTYPE SAFETY BARRIER ON GROUND OF GOLDEN GATE BRIDGE PROPERTY TO ILLUSTRATE THE FOLLOWING:

- A) EASE OF CONSTRUCTION
- B) PENETRATION & CLIMBABILITY
- C) PRELIMINARY DESIGN & ENGINEERING
- D) VISUAL ASPECTS
- E) EVALUATE PROPOSAL ASSUMPTIONS

PHASE II - ERECT PROTOTYPE ON BRIDGE FOR THE FOLLOWING REASONS:

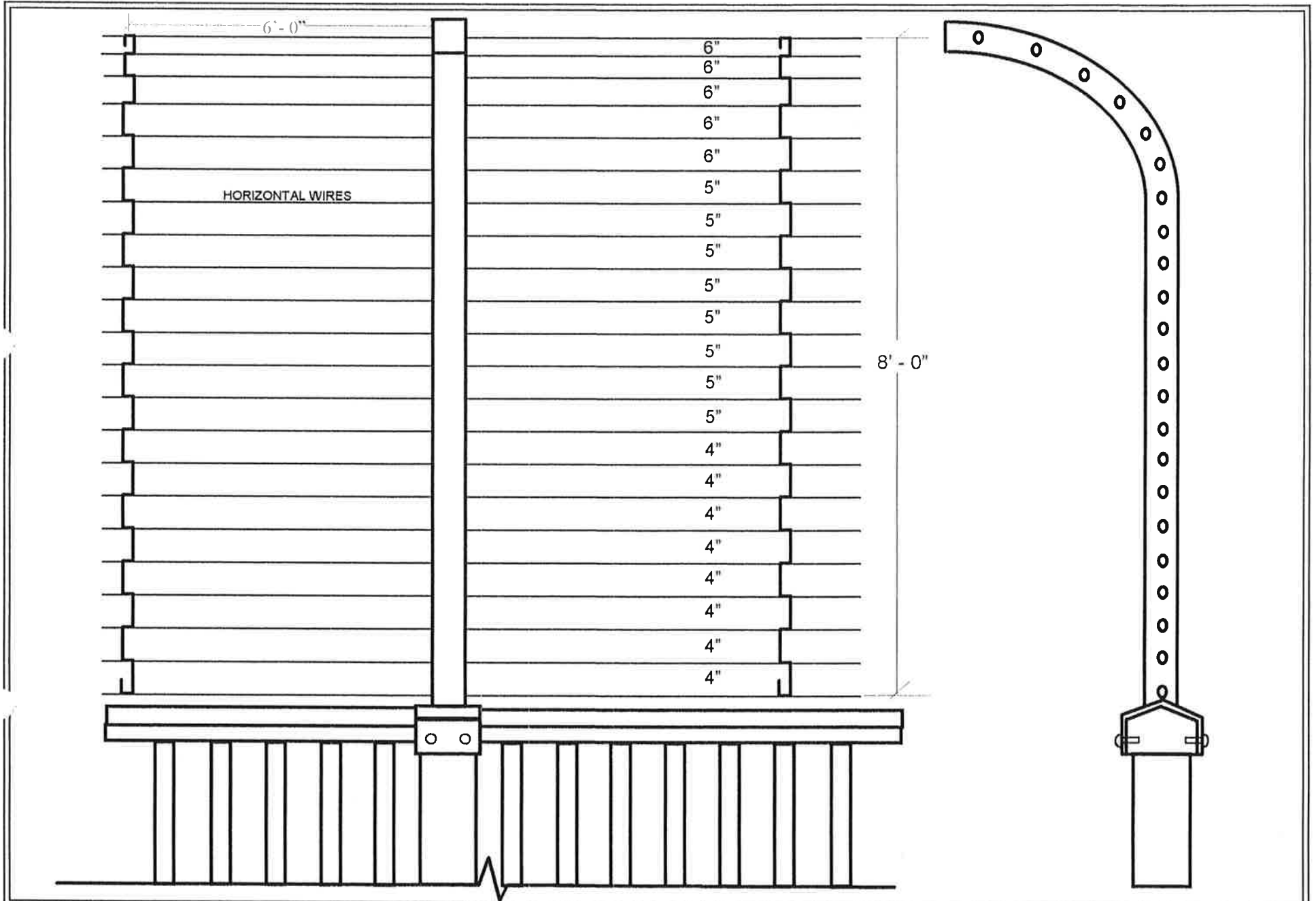
- A) TO TEST CONSTRUCTION
- B) SOLICIT PUBLIC OPINION
- C) REFINE DESIGN, ENGINEERING, & INSTALLATION
- D) WIND TUNNEL TESTING

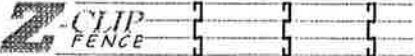
PHASE III - PERFORM ENVIRONMENTAL ASSESSMENT

- A) SHIPO APPROVAL
- B) HOLD PUBLIC HEARINGS

PROPOSAL

- PHASE IV - FINALIZE DESIGN & ENGINEERING, PREPARE PLANS & SPECIFICATIONS
- PHASE V - ADVERTISE FOR CONSTRUCTION BIDS
- PHASE VI - DETERMINE FINAL COST & OBTAIN FINAL APPROVALS
- PHASE VII - INSTALL SUICIDE DETERRENT ON BRIDGE



ZCLIP INTERNATIONAL FENCE SYSTEMS


**GOLDEN GATE BRIDGE
 SAFETY BARRIER**

SCALE: N.T.S.
 FEBRUARY 24, 1997

