

To: jeevacation@gmail.com[jeevacation@gmail.com]; Jeffrey Epstein[jeevacation@gmail.com]
Cc: Rich Kahn [REDACTED] Zorro Ranch [REDACTED]; Jermaine Ruan [REDACTED]
From: brice gordon
Sent: Fri 9/7/2012 4:02:06 PM
Subject: Zorro Phone

Propose two solutions

1. Fiber from D mark thru RC then to Main House.
or
2. Fiber from D mark directly to Main house and upgrade the existing wireless link to from MH to RC

please note

there is a need for 5 phone lines at RC, 2 phone and 1 fax at office. 1 line for gates and one spare
Would eliminate all other lines and go to wireless infrastructure, therefore eliminating the need to bury new fiber or copper to structures

For telecommunication ranch personnel would rely on cell phones, Internet from wireless infrastructure

Fiber VS Copper

Advantages of fiber

Run higher bandwidth

Less expensive than copper to run

signal loss is less over distance

secure

higher pull tension 100lb - 200 vs copper 25lb

immune to electrical interference.

Disadvantages

Can not run power thru fiber for cameras, access points

equipment cost can be higher

for pricing purposes do you prefer any of the above solutions

please advise

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Brice Gordon

USVI

Phone: [REDACTED]

New Mexico

Phone: [REDACTED]