

NETWORK SURVEY LOG V3

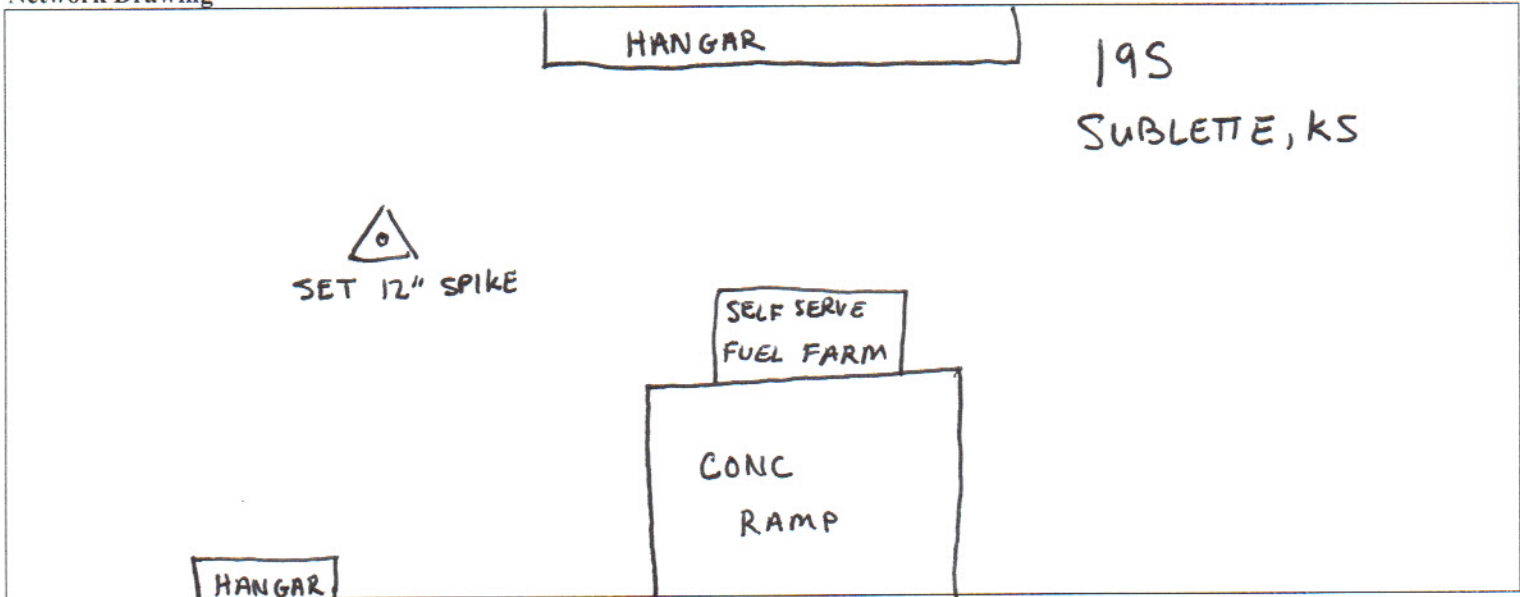


Date(s) (mm/dd/yyyy): 01-27-2012, 01-29-2012	Julian Day(s): 027, 029
Project: 2331 Kansas LIDAR	Observer: M. SUTTON

Antenna Formulas

4000SSi / 4000SSE Compact L1/L2	Bottom of notch in antenna flange = $0.0069 + (h^2 - (0.0915)^2)^{1/2}$
Novatel DL	Bottom outer edge of ground plane = $0.015 + (h^2 - (0.096)^2)^{1/2}$
Novatel DL4	Top edge of tape notch = $0.025 + (h^2 - (0.1)^2)^{1/2}$

Network Drawing



NETWORK SURVEY ANTENNA INFORMATION

1-27

Receiver Serial #: 0005	File Name: 00050270
Code: 501	Description: Network to LBL
Stamping:	Session: 01
	Start: 17:38
	End: 18:23

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) meters → 2 meters

1-29

Receiver Serial #: 0005	File Name: 00050291
Code:	Description: Network to GCK SPIKE
Stamping:	Session: 02
	Start: 22:15
	End: 23:00

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) meters → 2m meters

Receiver Serial #:	File Name:
Code:	Description:
Stamping:	Session:
	Start:
	End:

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) meters → _____ meters

Receiver Serial #:	File Name:
Code:	Description:
Stamping:	Session:
	Start:
	End:

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) meters → _____ meters

Receiver Serial #:	File Name:
Code:	Description:
Stamping:	Session:
	Start:
	End:

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) meters → _____ meters

Code: Numbering Convention: begin with 501, 701, 801, 901

1-499: paneled points	800 series: NGS vertical only
500 series: Sanborn set for base	900 series: NGS horiz. and vertical
700 series: NGS Horizontal only	1' = 0.3048 m; 1" = 0.0254 m

Description Examples: 12" spike, 6" spike, rebar, pk nail, mag nail, Disc in concrete, rod in sleeve, Disc in seawall, etc. AND INCLUDE Airport name point is located at if applicable.

*Attach additional GPS LOG Sheets if necessary