PATH 1163

1 Avalhex △

1 Alternate Avalhex △

1 Blaster Box 🗼

7 Potential Targets ✸

~6000 ft.

~5000 ft.

SHED 10.7 PATH

2 Avalhex △

2 Blaster Boxes

8 Potential Targets

~6000 ft.

~5000 ft.

~6000 ft.

~5000 ft.
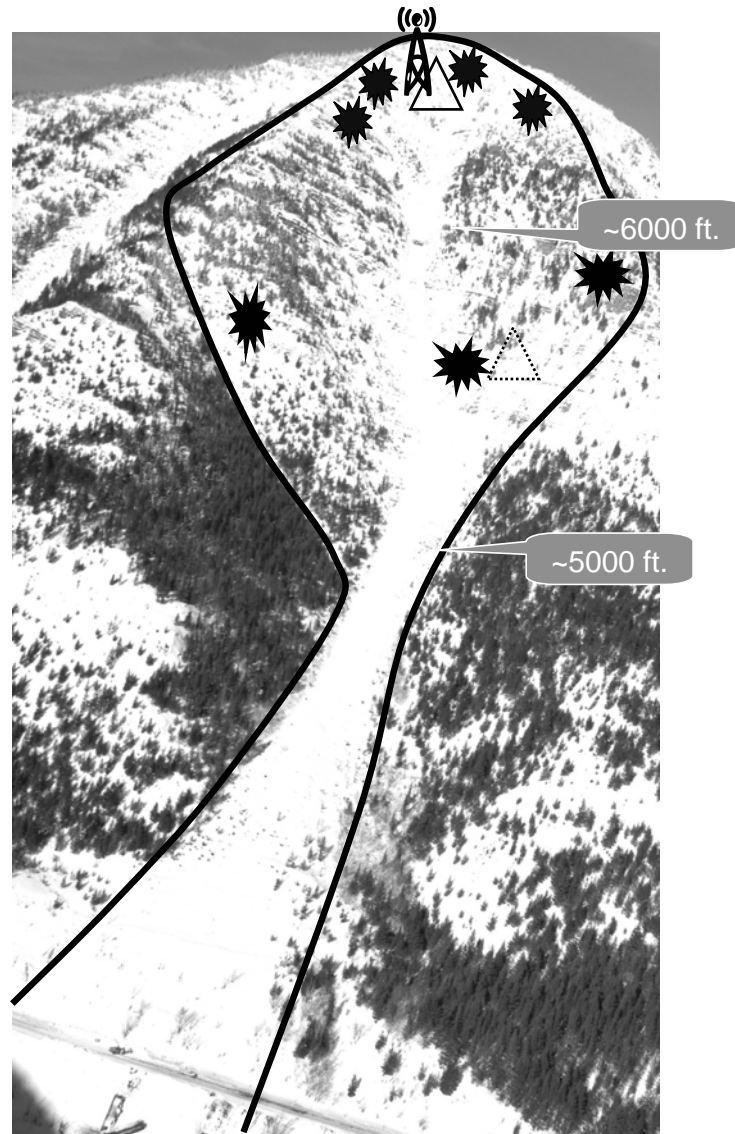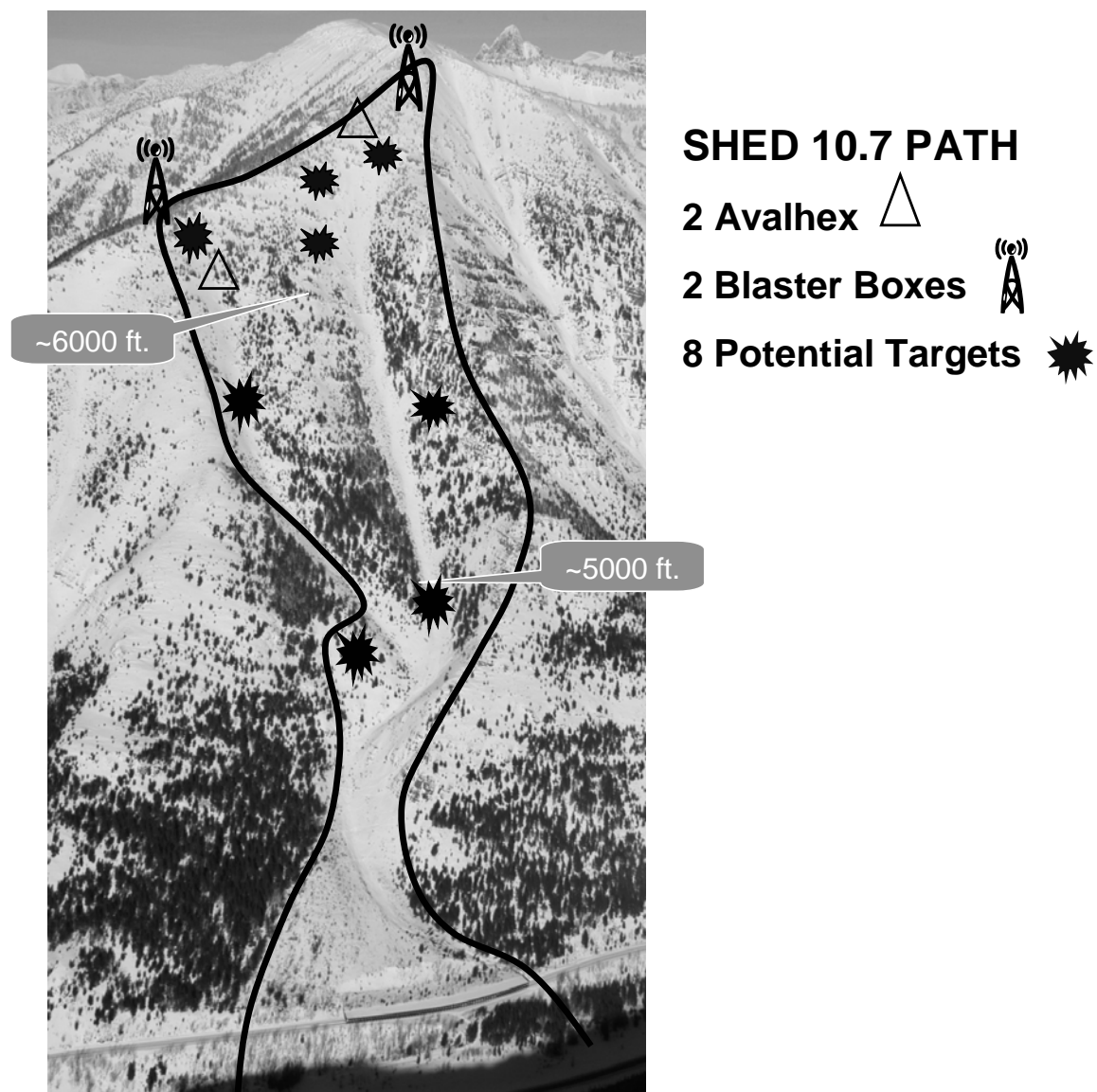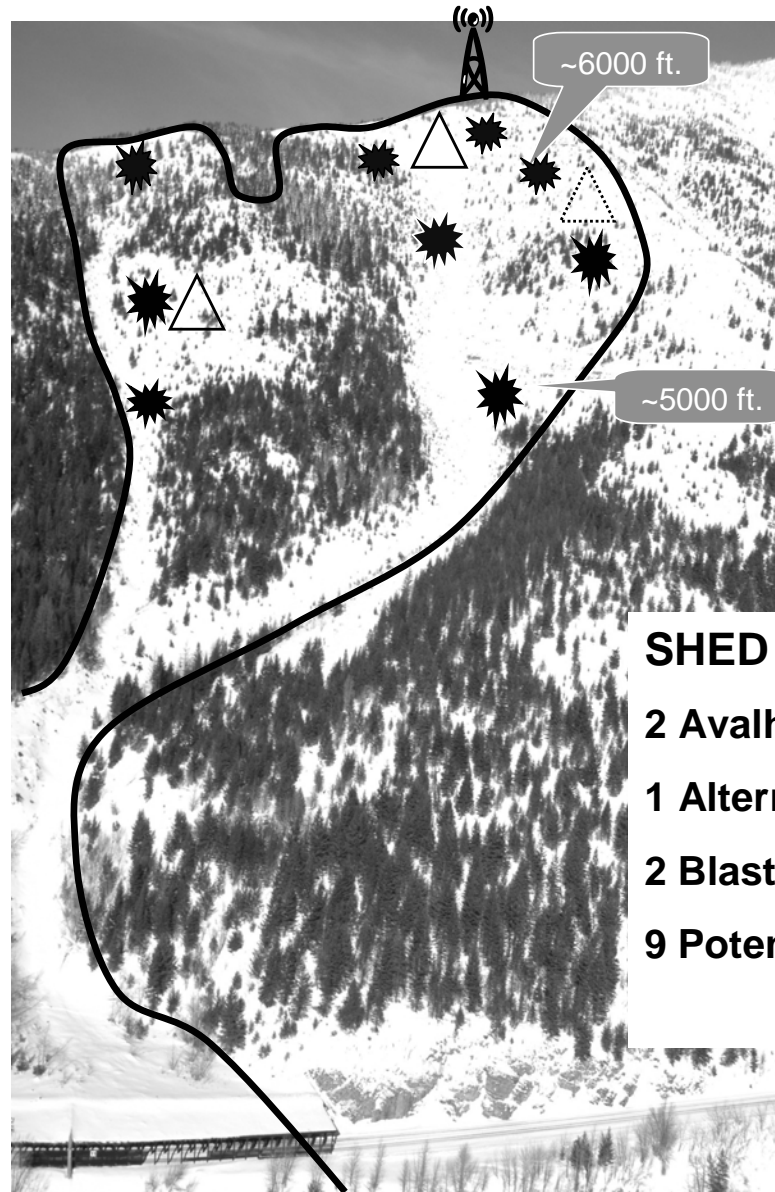
SHED 11 PATH

2 Avalhex △

1 Alternate Avalhex △

2 Blaster Boxes 📡

9 Potential Targets ✸

Table C-1 Alternatives C and D Expected Frequency of Explosive Use- Hand Charges, Avalauncher, or Helicopter Dropped Charges (Artillery only under Alternative D).

Avalanche Path	Path Return Interval	Avalanche Hazard Index (AHI)	Number of Possible Blaster Boxes	Number of Avalhex-type Systems	# of Potential Explosive Targets[2]	# of explosives / cycle (70% program)[2]	# of Explosive Charges Per Average Year (2 cycles)[3]
Burn Out-4C	2 yrs.	11.70	0	0	4	3-4	6-13
Shed 5	20 yrs.	6.39	2	1-3	3-5	0-3	6
Shed 7	3 yrs.	15.55	2	2-3	8	4-8	12-14
Shed 8	20 yrs.	4.28	1	1-2	3-5	1-3	5-6
Shed 9	10 yrs.	6.69	1	1-2	4-6	2-4	8-10
Infinity	10 yrs.	7.17	1	1-2	3-5	1-3	6-7
Jakes	3 yrs.	8.44	0	0	2-4	1-3	6-7
Second Slide	3 yrs.	9.25	0	0	3	2	4-7
Shed 10	10 yrs.	8.29	2	2-4	5-13	0-10	8-20
Path 1163	5 yrs.	10.75	1	1-2	5-7	3-5	9-10
Shed 10.7	10 yrs.	7.74	2	2	3-8	2-6	7-12
Shed 11	20 yrs.	5.21	1	2-3	4-9	0-7	4-14
Total			13	13-23	47-77	19-55	81-110 blasts/yr

[1]Assumed estimate of 70% of the targets would be hit with each avalanche risk event.

[2] Range between Dave Hamre and Stan Bones estimates- highest number of shots assumed for greatest impact analysis

[3] Blase Reardon provided historic avalanche cycle numbers for the past 28 years- the average was 2 cycles /year, highest # was 5 cycles /year.