

Master plan alternatives

The overall layout of shooting areas shown on the three provided layouts is essentially the same. The layout of the shooting areas is the result of the current progress with the Sky Valley Shooting Park ad-hoc committee and feedback from the first public meeting. After reviewing spatial diagram layouts presented at earlier ad-hoc meetings (CP1.1 – CP1.4), the committee preferred the diagram (CP1.4) with spatial compromises to all the program elements to ensure all interests were represented within the property boundary. The wetlands to the south and west provide limitations of certain uses on the site. The existing DNR road will need to be relocated the east property boundary to provide space for the ranges. The differences in the provided layouts are in how the spaces connect together, the location of the Pro Shop and the parking configurations.

The current range layout concept shows firearms shooting toward the north, with sound directed away from neighbors to the west and recreation sites such as Diversion Dam to the southwest. Shot fall zones are overlapped to provide the maximum firing positions for each range with the space available. This layout presents a unique opportunity for the rifle range. In order to accommodate all interests on the site, the range could only be 200 yards long. The criteria for the range in the program was 400 to 600 yards. By situating the range as indicated in the layout, the range could be expanded in the future up to 400 yards if the small DNR parcel is ever acquired by the county. There is potential for the range to reach 600 yards with additional property acquisition. This solution provided an option to fully meet the program request in the future, while still being able to build and use the rifle range on land currently available. It should be noted that with the 100 or 200 yard range, the ricochet fall zone would partially encroach on to DNR land to the north, requiring a lease agreement with DNR and a fence to be put on that property in the area of the fall zone. Preliminary talks with DNR have indicated this is a possibility.

The 3D archery range will be designed on a pin pile boardwalk system in the wetlands, thus allowing space for other program elements in the upland area while meeting the full program for 3D archery.

Since this optimum layout of ranges has been supported by the committee, the following alternatives were developed to determine how the site access and circulation should be designed in relation to the areas.

All concepts are accessed via the relocated DNR road. There is a gate at this location to control access. The caretaker's residence is immediately inside the gate as a further control measure. Trees will be preserved where possible, but there may be some locations in close proximity to ranges where a lawn may be desired. In addition to the restrooms in the pro shop, suggested locations for chemical toilets are shown.

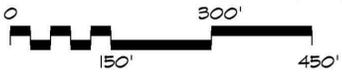
Master plan alternatives continued

Concept 1 shows a central parking lot for 240 cars that provides access to all range types. A benefit to this design is that visitors to the site do not need to cross any vehicular areas to access all ranges. The pro shop is sited on the existing berm to the west of the parking lot. This would provide views to the shooting ranges below, especially with selective thinning of trees. Numerous paths provide easy connection to all range types. A larger central walk behind the ranges offers a secondary viewing area.

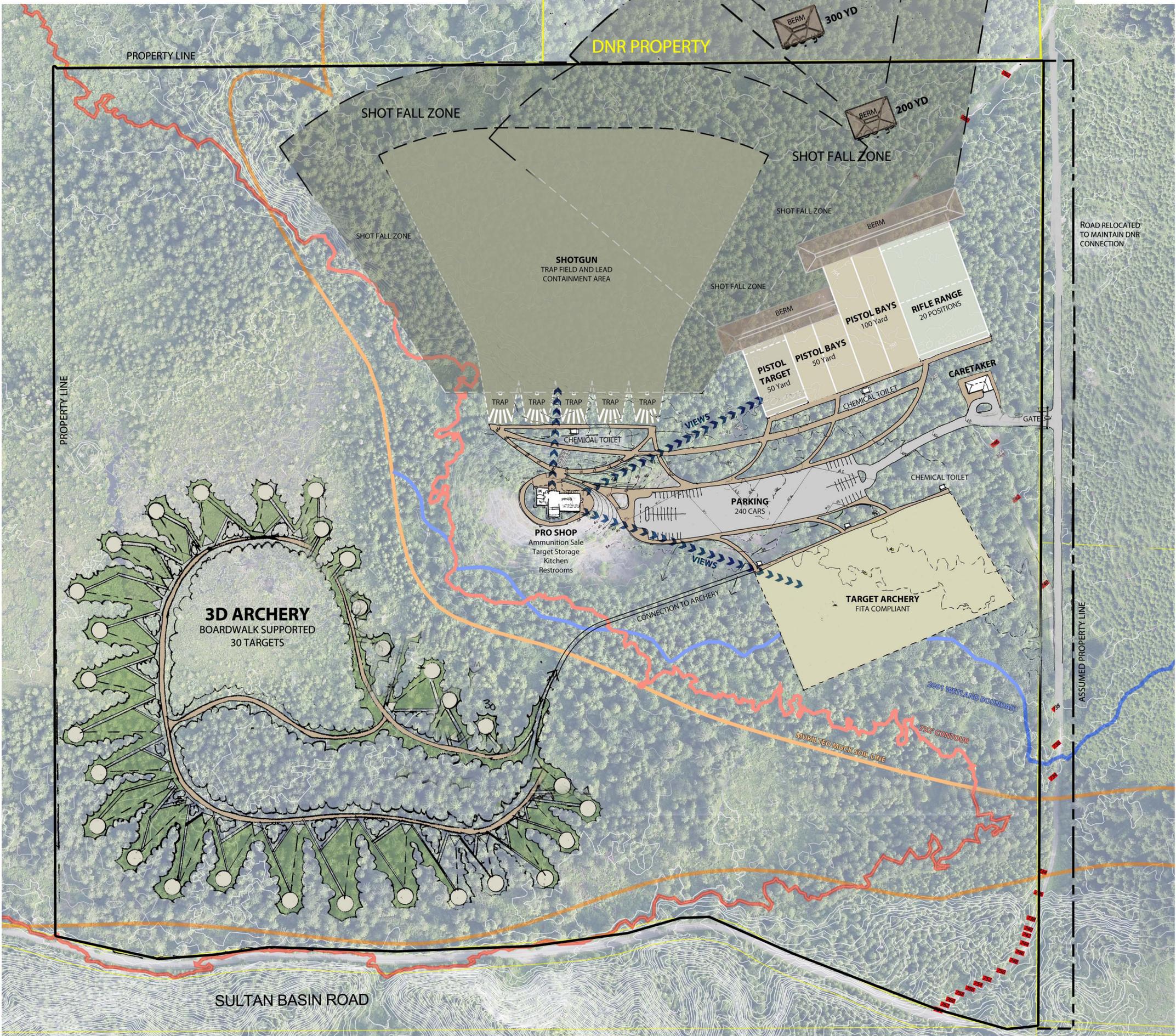
Concept 2 shows individual parking lots located at the different ranges. It was acknowledged that shooters may like to bring a large amount of equipment or ammunition with them to the range so close proximity to parking would be desirable. The pro shop is centrally located in this concept between the pistol and shotgun areas, and across the access road to the archery. The berm does not have a structure on it, but does provide an ADA accessible trail to what would be a viewpoint on the top of the berm.

Concept 3 shows an enlarged target archery area to accommodate larger archery events. The parking in this option is also expanded to hold 280 cars. A suggestion for building the parking in phases is shown on the plan.

**SNOHOMISH COUNTY
SKY VALLEY SHOOTING PARK
LAYOUT CONCEPT 1**
SEPTEMBER 16, 2014



BRUCE
DEES &
ASSOCIATES



ROAD RELOCATED TO MAINTAIN DNR CONNECTION

SHOT FALL ZONE

SHOTGUN
TRAP FIELD AND LEAD CONTAINMENT AREA

SHOT FALL ZONE

SHOT FALL ZONE

BERM

BERM

PISTOL BAYS
100 Yard

RIFLE RANGE
20 POSITIONS

PISTOL TARGET
50 Yard

PISTOL BAYS
50 Yard

CHEMICAL TOILET

CARETAKER

TRAP TRAP TRAP TRAP TRAP

CHEMICAL TOILET

VIEWS

PARKING
240 CARS

CHEMICAL TOILET

PRO SHOP
Ammunition Sale
Target Storage
Kitchen
Restrooms

VIEWS

CONNECTION TO ARCHERY

TARGET ARCHERY
FITA COMPLIANT

3D ARCHERY
BOARDWALK SYSTEM
OVER WETLAND

2001 WETLAND BOUNDARY

MUKILTEO MUCK SOIL LINE
732' CONTOUR

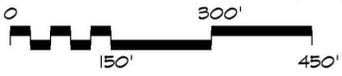


0 50 100 150

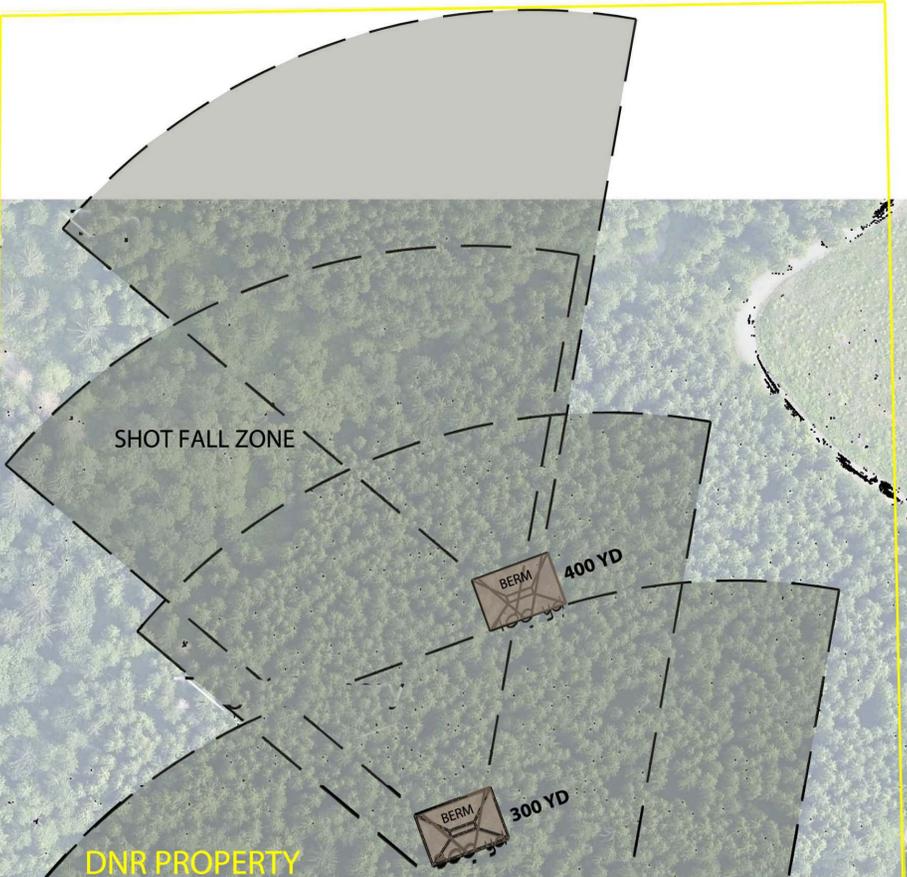
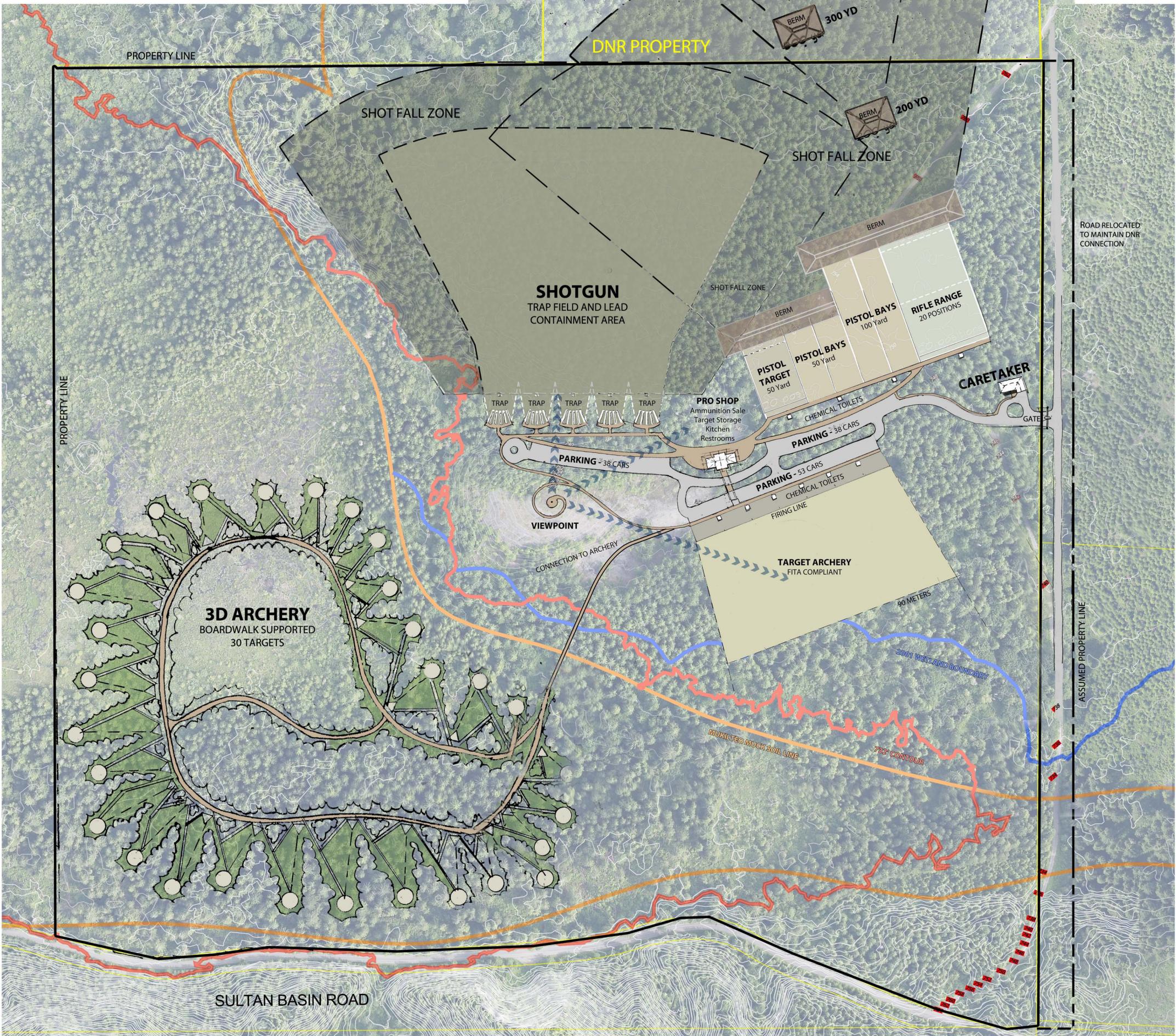
SNOHOMISH COUNTY
SKY VALLEY SHOOTING PARK
CONCEPT 1
SEPTEMBER 16, 2014

BRUCE DEES & ASSOCIATES

**SNOHOMISH COUNTY
SKY VALLEY SHOOTING PARK
LAYOUT CONCEPT 2**
SEPTEMBER 16, 2014



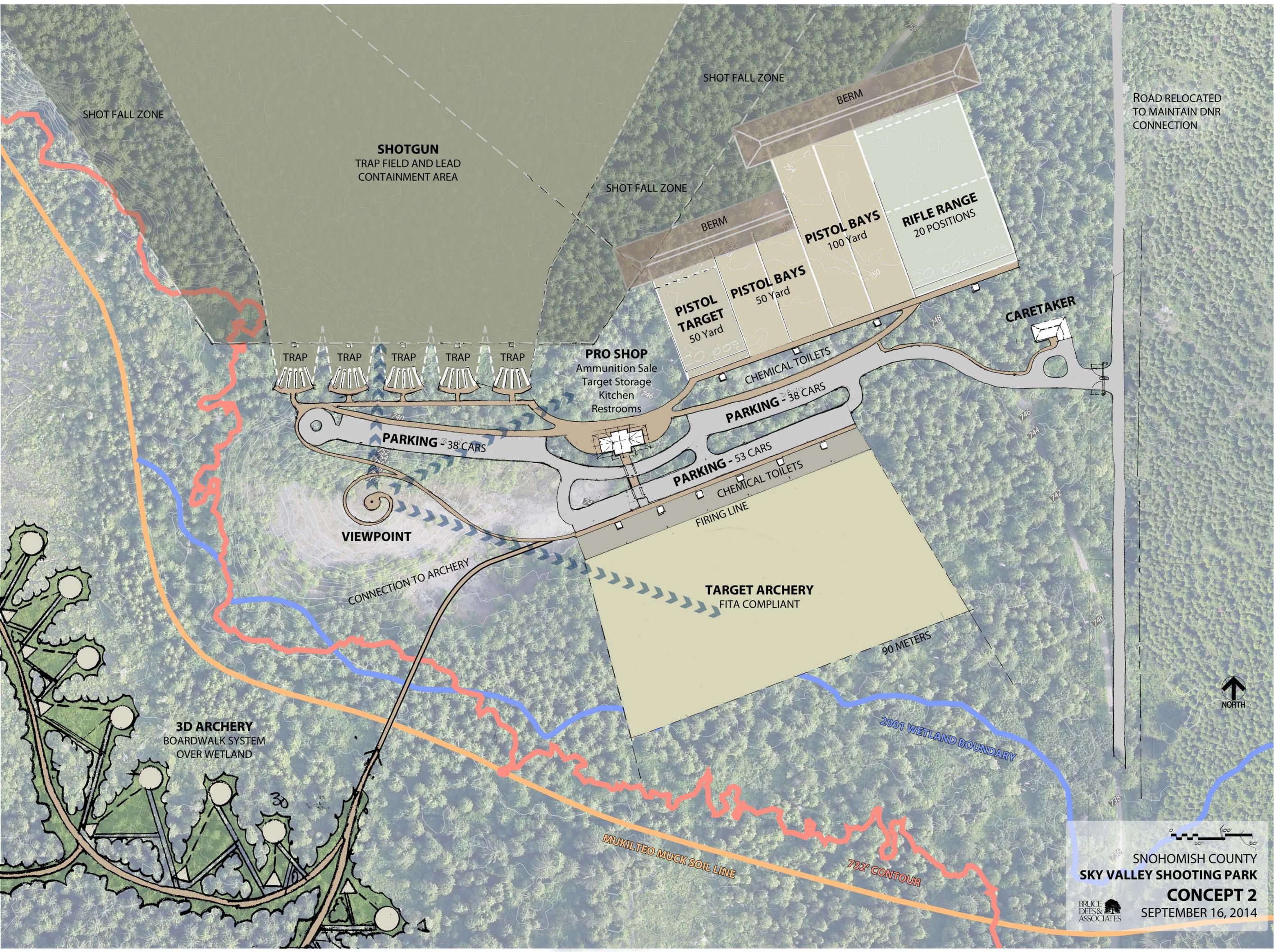
BRUCE
DEES &
ASSOCIATES



ROAD RELOCATED
TO MAINTAIN DNR
CONNECTION

ASSUMED PROPERTY LINE

SULTAN BASIN ROAD



SHOT FALL ZONE

SHOTGUN
TRAP FIELD AND LEAD
CONTAINMENT AREA

SHOT FALL ZONE

BERM

SHOT FALL ZONE

BERM

PISTOL BAYS
100 Yard

RIFLE RANGE
20 POSITIONS

PISTOL TARGET
50 Yard

PISTOL BAYS
50 Yard

CARETAKER

TRAP

TRAP

TRAP

TRAP

TRAP

PRO SHOP
Ammunition Sale
Target Storage
Kitchen
Restrooms

CHEMICAL TOILETS

PARKING - 38 CARS

PARKING - 38 CARS

PARKING - 53 CARS

CHEMICAL TOILETS

FIRING LINE

VIEWPOINT

CONNECTION TO ARCHERY

TARGET ARCHERY
FITA COMPLIANT

90 METERS

3D ARCHERY
BOARDWALK SYSTEM
OVER WETLAND

2001 WETLAND BOUNDARY

MUKILTEO MUCK SOIL LINE

732' CONTOUR

ROAD RELOCATED
TO MAINTAIN DNR
CONNECTION

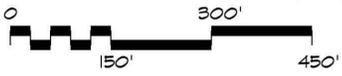


0 50 100 150

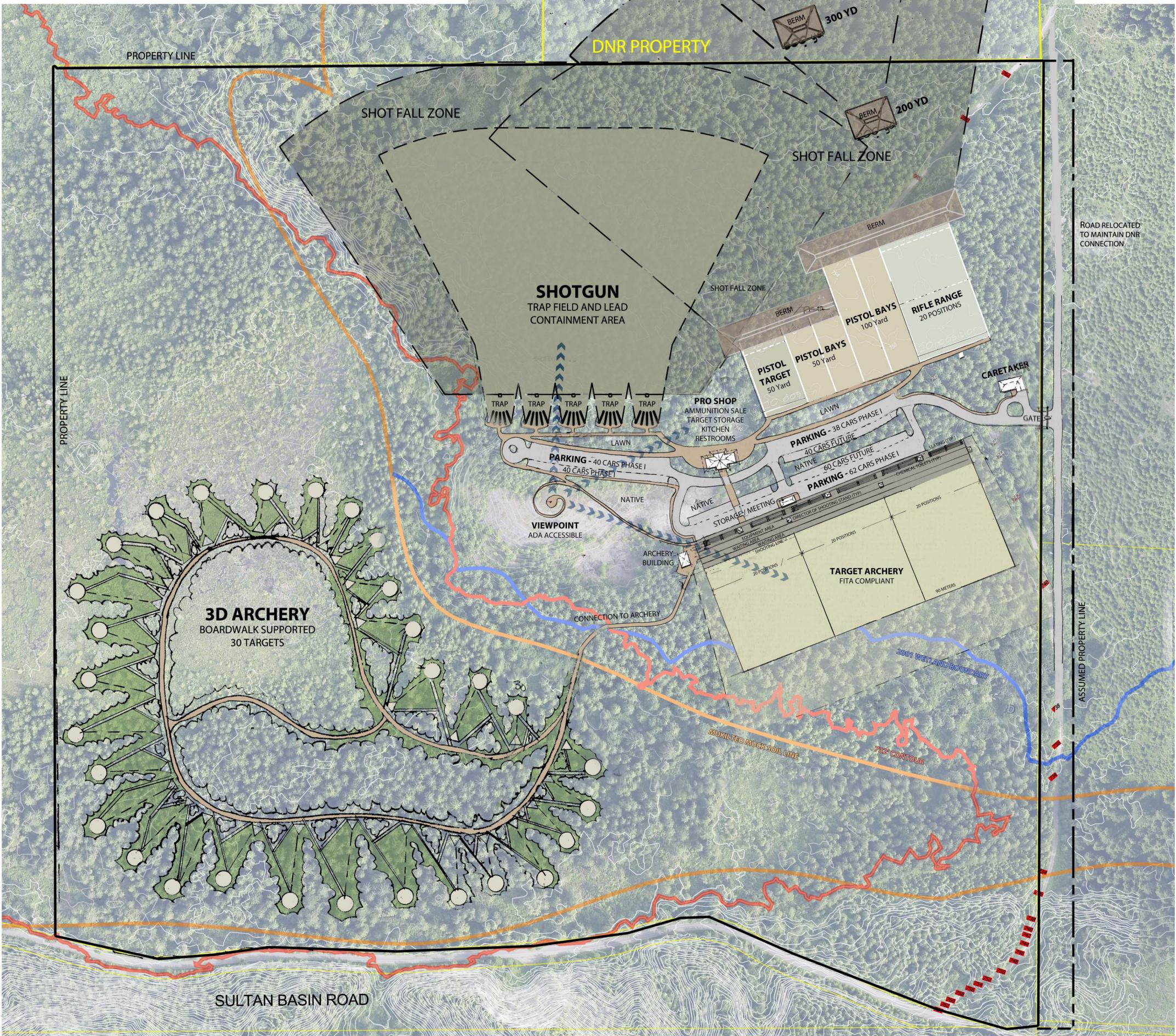
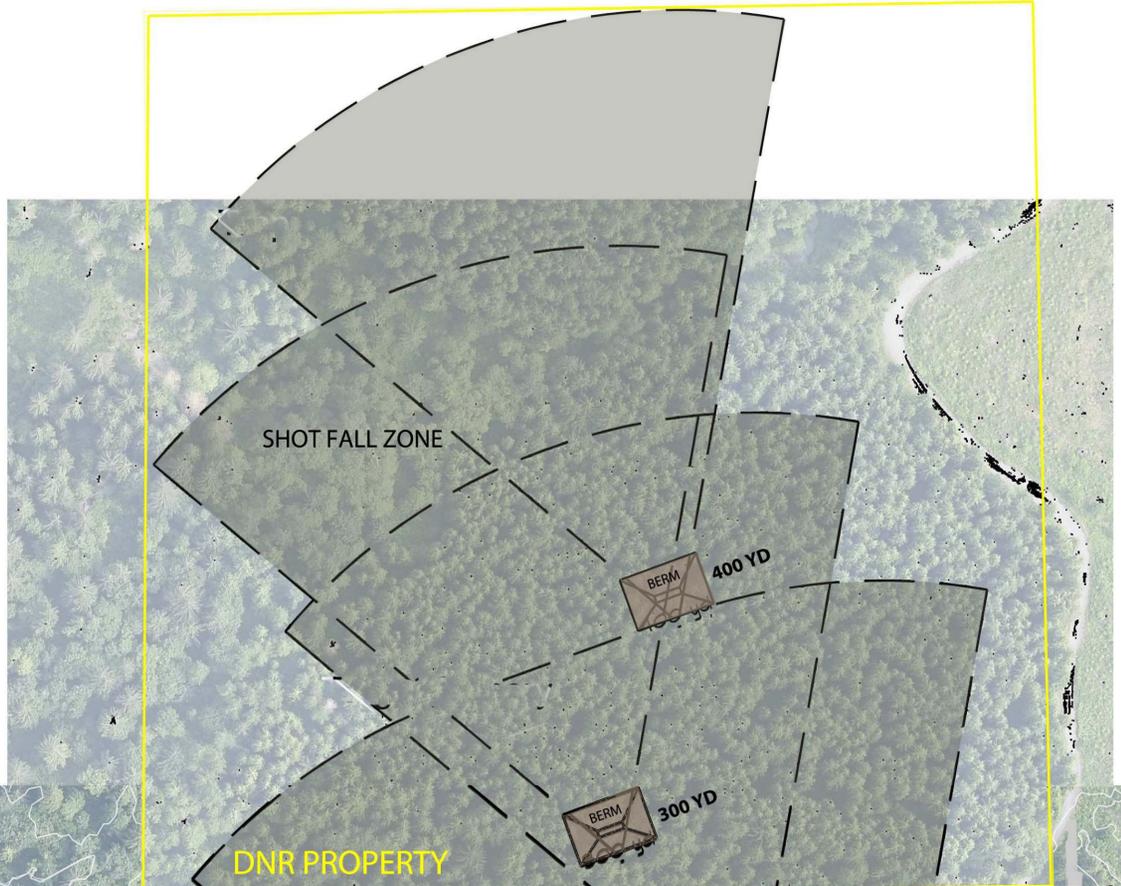
SNOHOMISH COUNTY
SKY VALLEY SHOOTING PARK
CONCEPT 2
SEPTEMBER 16, 2014

BRUCE
DEES &
ASSOCIATES

**SNOHOMISH COUNTY
SKY VALLEY SHOOTING PARK
LAYOUT CONCEPT 3**
SEPTEMBER 16, 2014



BRUCE
DEES &
ASSOCIATES



ROAD RELOCATED TO MAINTAIN DNR CONNECTION

SHOT FALL ZONE

SHOTGUN
TRAP FIELD AND LEAD CONTAINMENT AREA

SHOT FALL ZONE

BERM

SHOT FALL ZONE

BERM

PISTOL BAYS
100 Yard

RIFLE RANGE
20 POSITIONS

PISTOL TARGET
50 Yard

PISTOL BAYS
50 Yard

CARETAKER

GATE

PRO SHOP
AMMUNITION SALE
TARGET STORAGE
KITCHEN
RESTROOMS

TRAP TRAP TRAP TRAP TRAP

LAWN

LAWN

PARKING - 40 CARS PHASE I
40 CARS PHASE I

PARKING - 38 CARS PHASE I
40 CARS FUTURE

NATIVE
60 CARS FUTURE

PARKING - 62 CARS PHASE I

VIEWPOINT
ADA ACCESSIBLE

NATIVE

NATIVE

STORAGE / MEETING

ARCHERY BUILDING

EQUIPMENT AREA
WAITING AREA
WAITING AREA
SHOOTING LINE

DIRECTOR OF SHOOTING STAND (TYP)

SEATING (TYP)
CHEMICAL TOILETS (TYP)

TARGET ARCHERY
FITA COMPLIANT

20 POSITIONS

20 POSITIONS

90 METERS

CONNECTION TO ARCHERY

3D ARCHERY
BOARDWALK SYSTEM
OVER WETLAND

2001 WETLAND BOUNDARY

MUKILTEO MUCK SOIL LINE

732' CONTOUR



0 50 100 150

SNOHOMISH COUNTY
SKY VALLEY SHOOTING PARK
CONCEPT 3
SEPTEMBER 16, 2014

BRUCE DEES & ASSOCIATES