

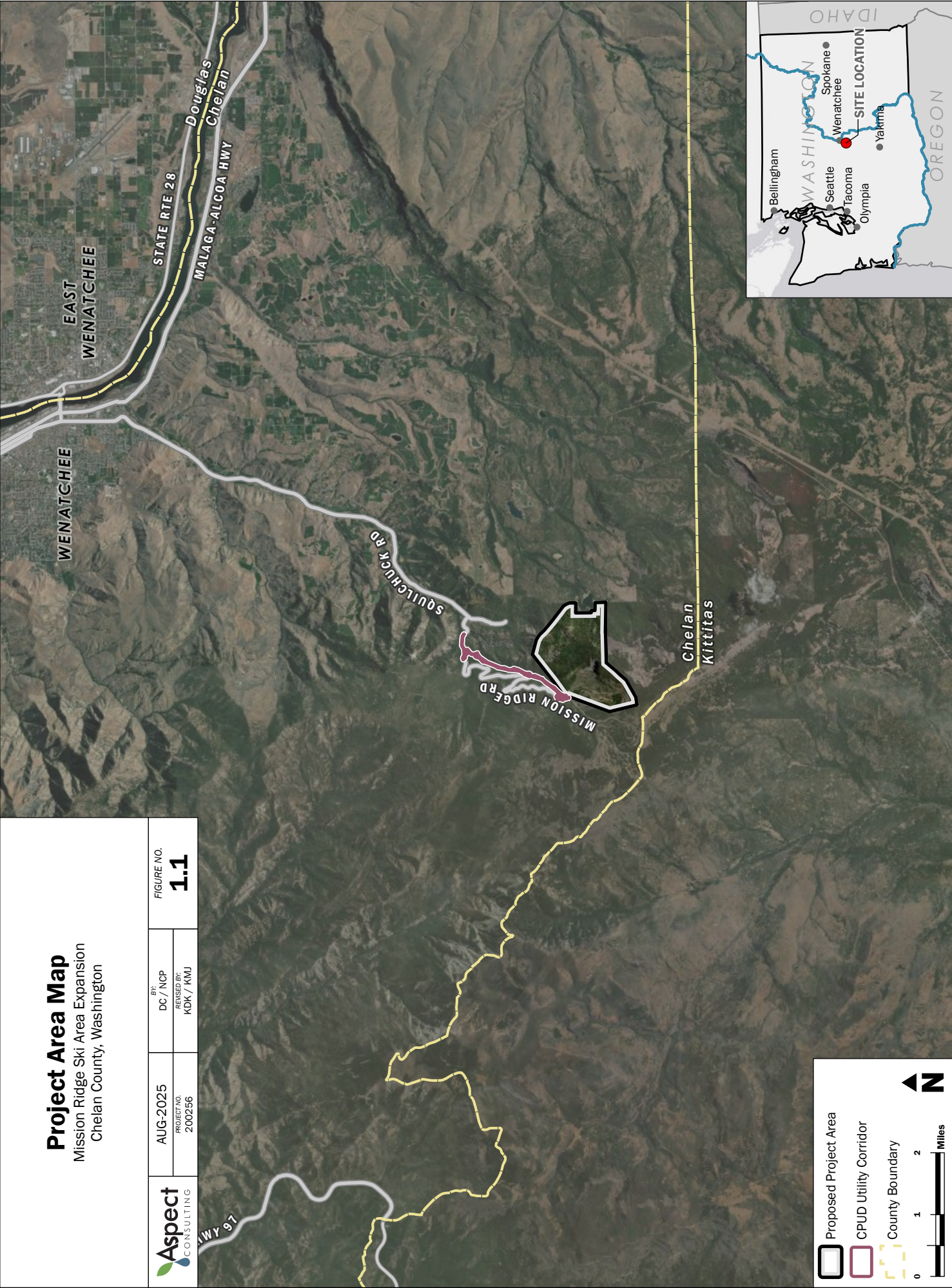


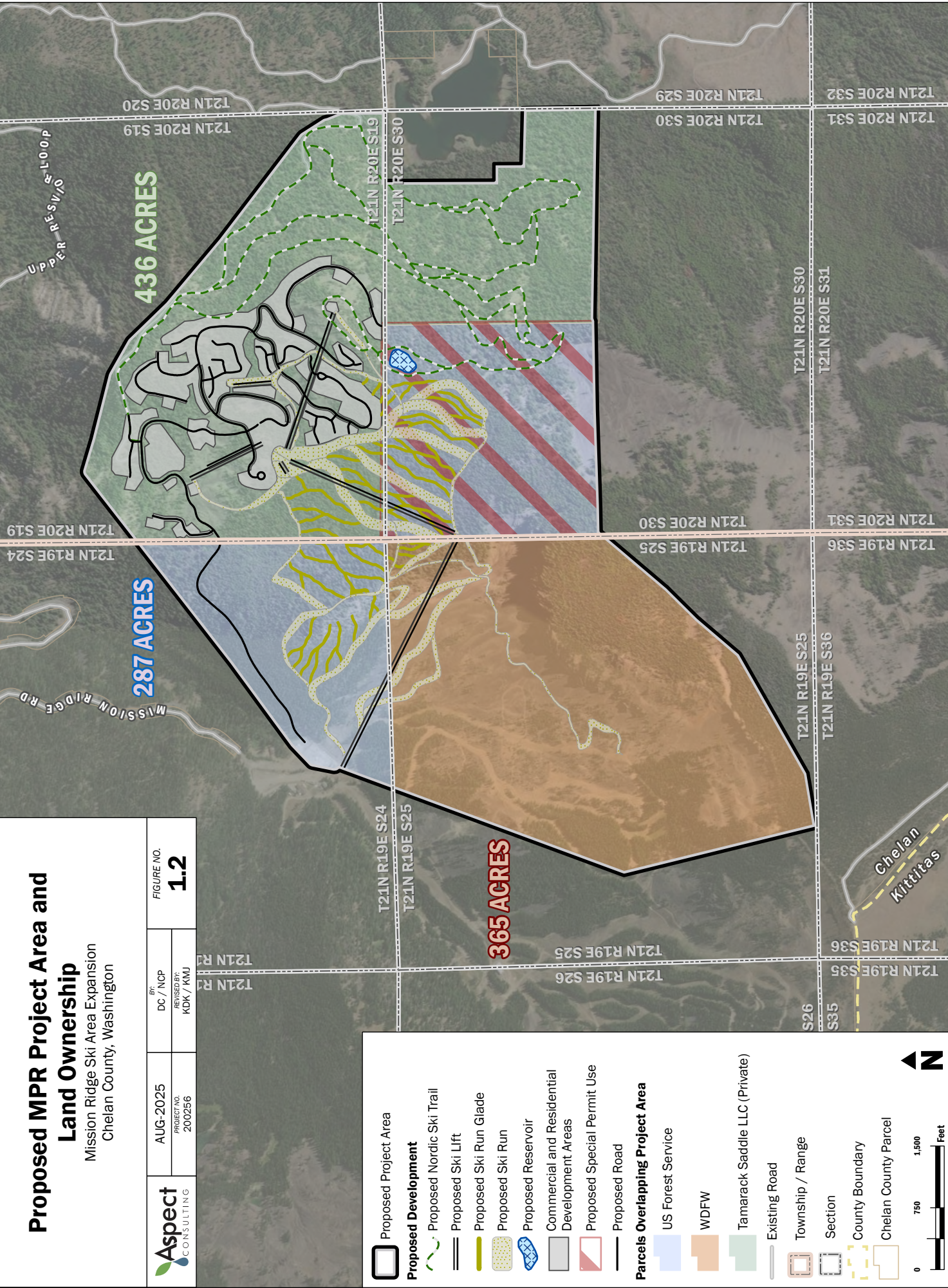
VOLUME II: Attached Figures

DRAFT ENVIRONMENTAL IMPACT STATEMENT

Mission Ridge Expansion Master Planned Resort

This page left intentionally blank for printing purposes





Open Space Designations

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025

BY:
KDK / KMJ

REVISOR BY:
--- / ---

FIGURE NO.

1.3

PROJECT NO.
200256

Open Space Designation

Dedicated Conservation Area

Managed Open Space

Ski Run

Undesignated Open Space

Proposed Project Area

Master Planned Resort Overlay District

Proposed Development

Proposed Nordic Ski Trail

Proposed Ski Lift

Proposed Ski Run Glade

Proposed Ski Run

Proposed Snowmaking Reservoir

Proposed Road

Proposed Parking

Proposed Plaza

Proposed Building

Existing Road

Chelan County Parcel



0 750 1,500

Feet

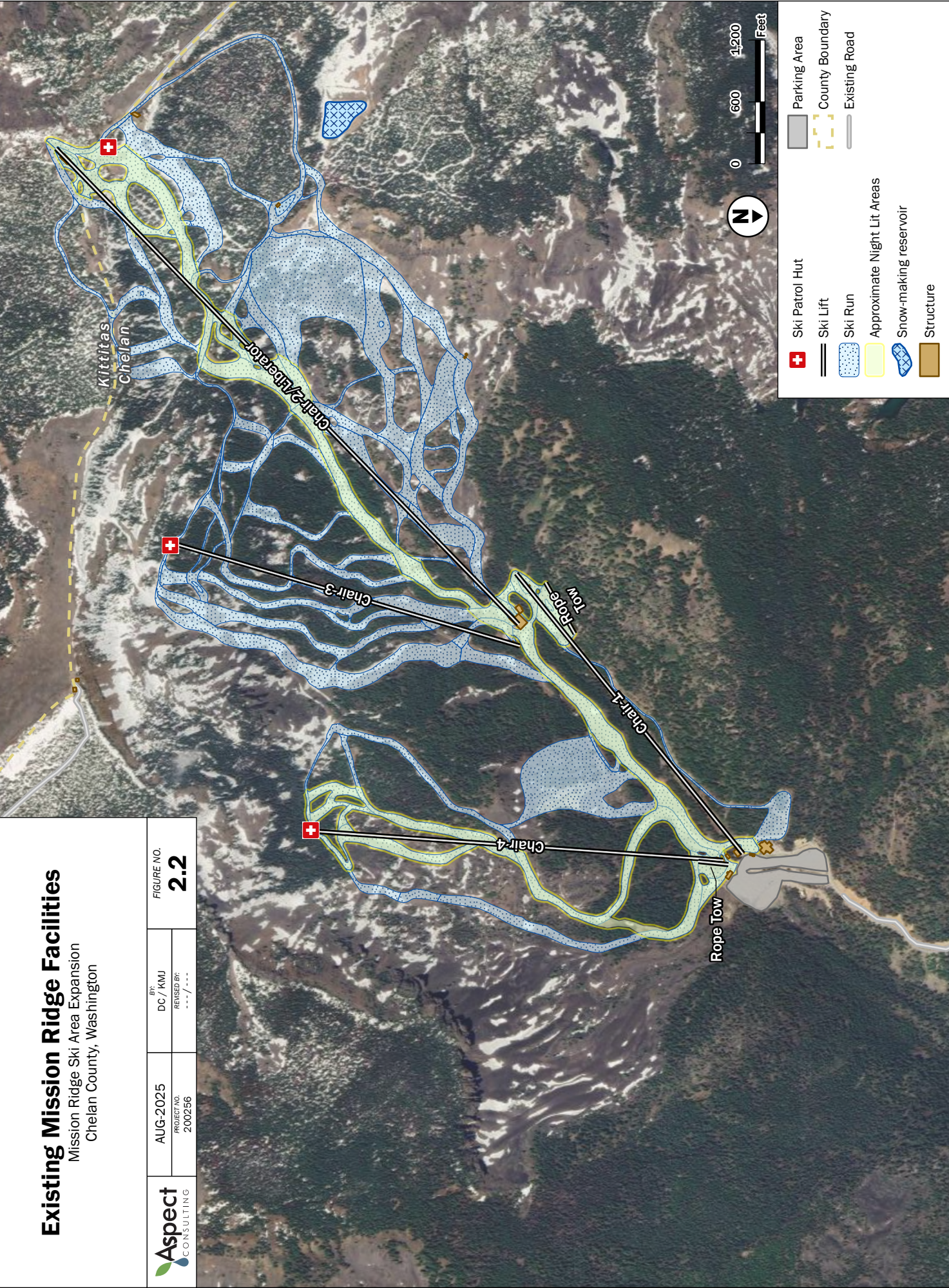
Data source credits: Chelan County, Ecogist Mountain Resort Planners Ltd. || Basemap: Survey Layer Credits: Earthstar Geographics

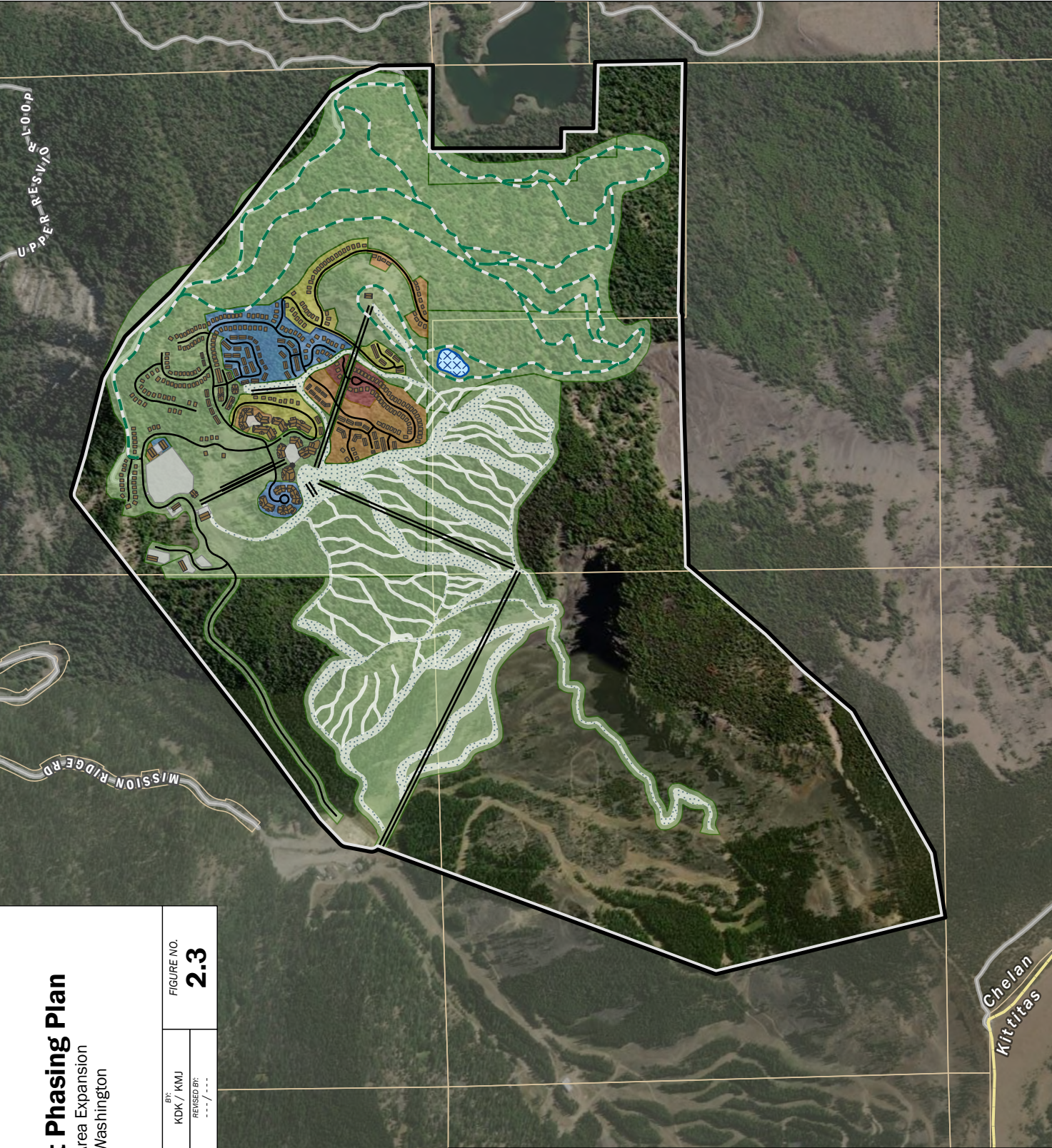
Dedicated Conservation Area
530 Acres

Undesignated Open Space
44 acres

Ski Runs
38 acres

Managed Open Space
8 acres





Proposed Project Phasing Plan

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025

PROJECT NO:
200256

BY:

KDK / KMJ

REVISED BY:

--- / ---

FIGURE NO.

2.3

Proposed Project Area

Proposed Phasing Plan

Phase 1

Phase 2

Phase 3

Phase 4

Phase 5

Proposed Development

Proposed Nordic Ski Trail

Proposed Ski Lift

Proposed Ski Run Glade

Proposed Ski Run

Proposed Snowmaking Reservoir

Proposed Road

Proposed Parking

Proposed Building

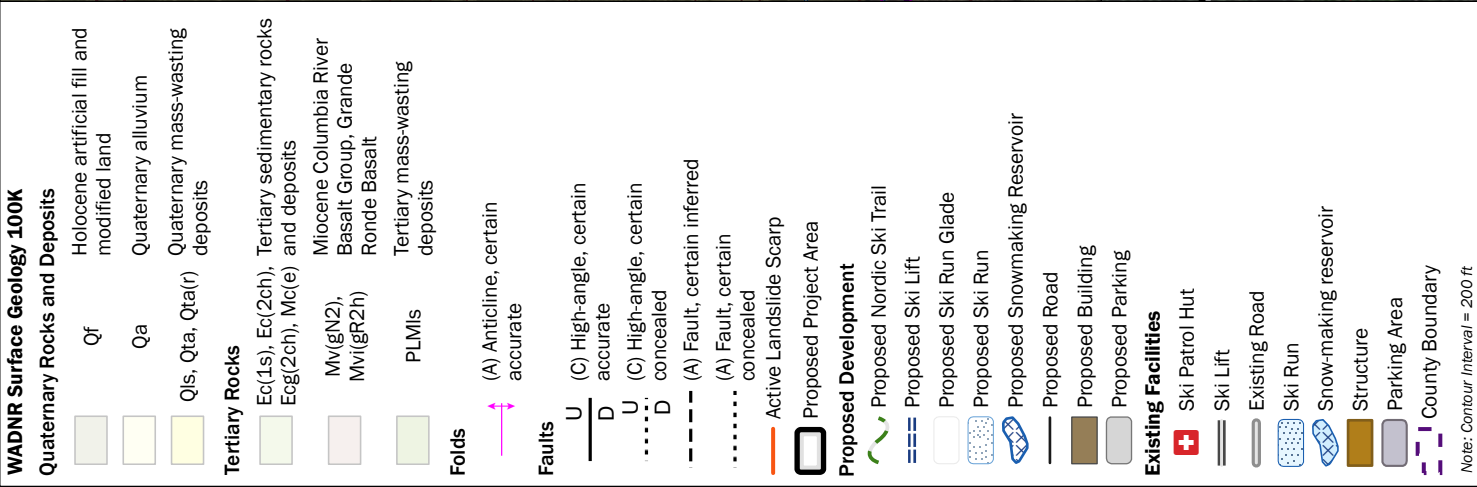
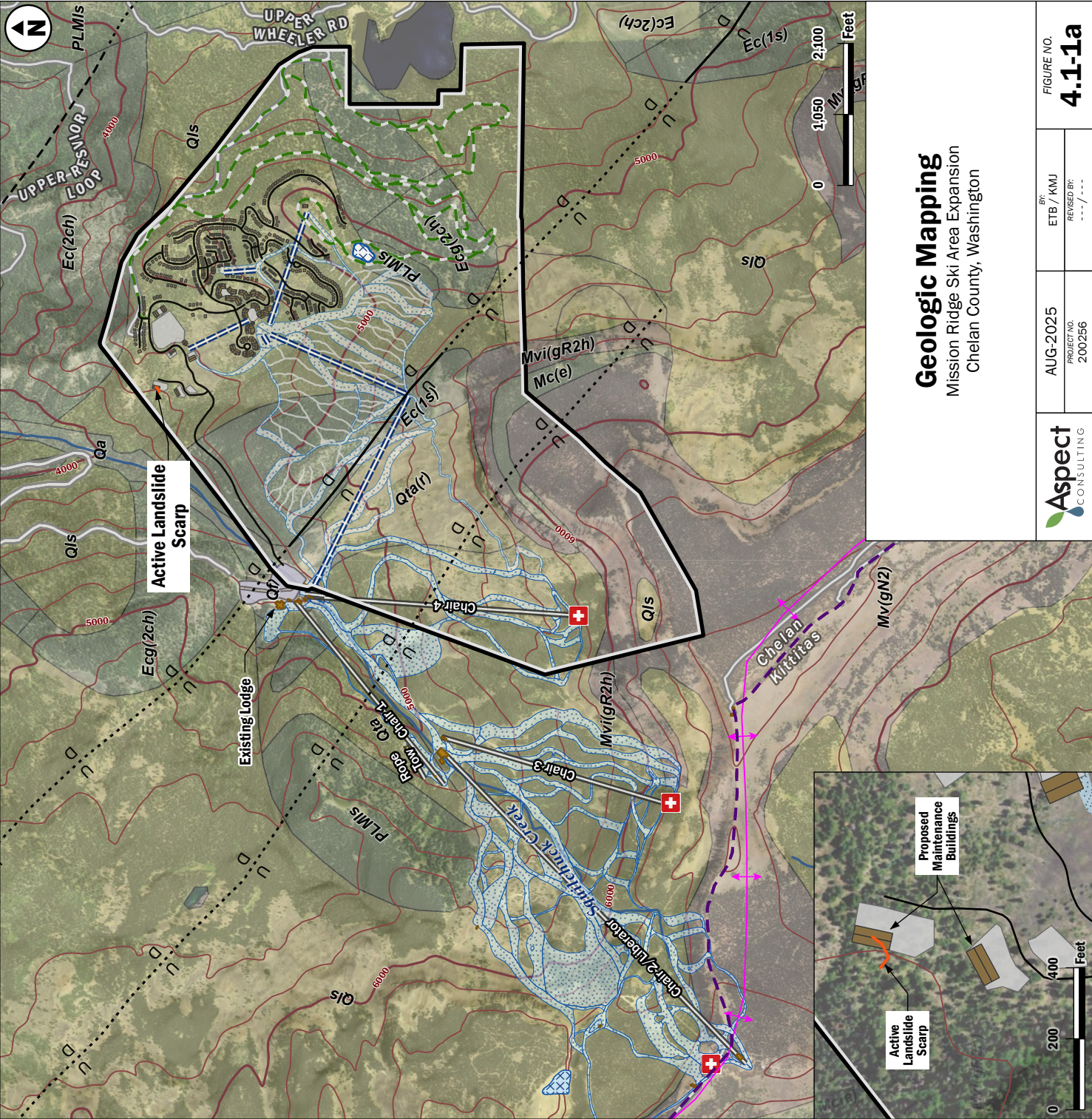
Existing Road

County Boundary

Chelan County Parcel

0 650 1,300 Feet





WADNR Surface Geology 100K

Quaternary Rocks and Deposits

	Qf	Holocene artificial fill and modified land
	Qa	Quaternary alluvium
	Qls, Qta, Qta(r)	Quaternary mass-wasting deposits

Tertiary Rocks

	Ec(1s), Ec(2ch), Ecg(2ch), Mc(e)	Tertiary sedimentary rocks and deposits
	Eib(c)	Tertiary intrusive rocks

Faults

	(C) High-angle, certain accurate
	(C) High-angle, certain concealed
	(A) Fault, certain inferred
	(A) Fault, certain concealed

 Utility Corridor

 Power Line (Overhead)

 Power Line (Underground)

 Active Landslide Scarp

 Proposed Project Area

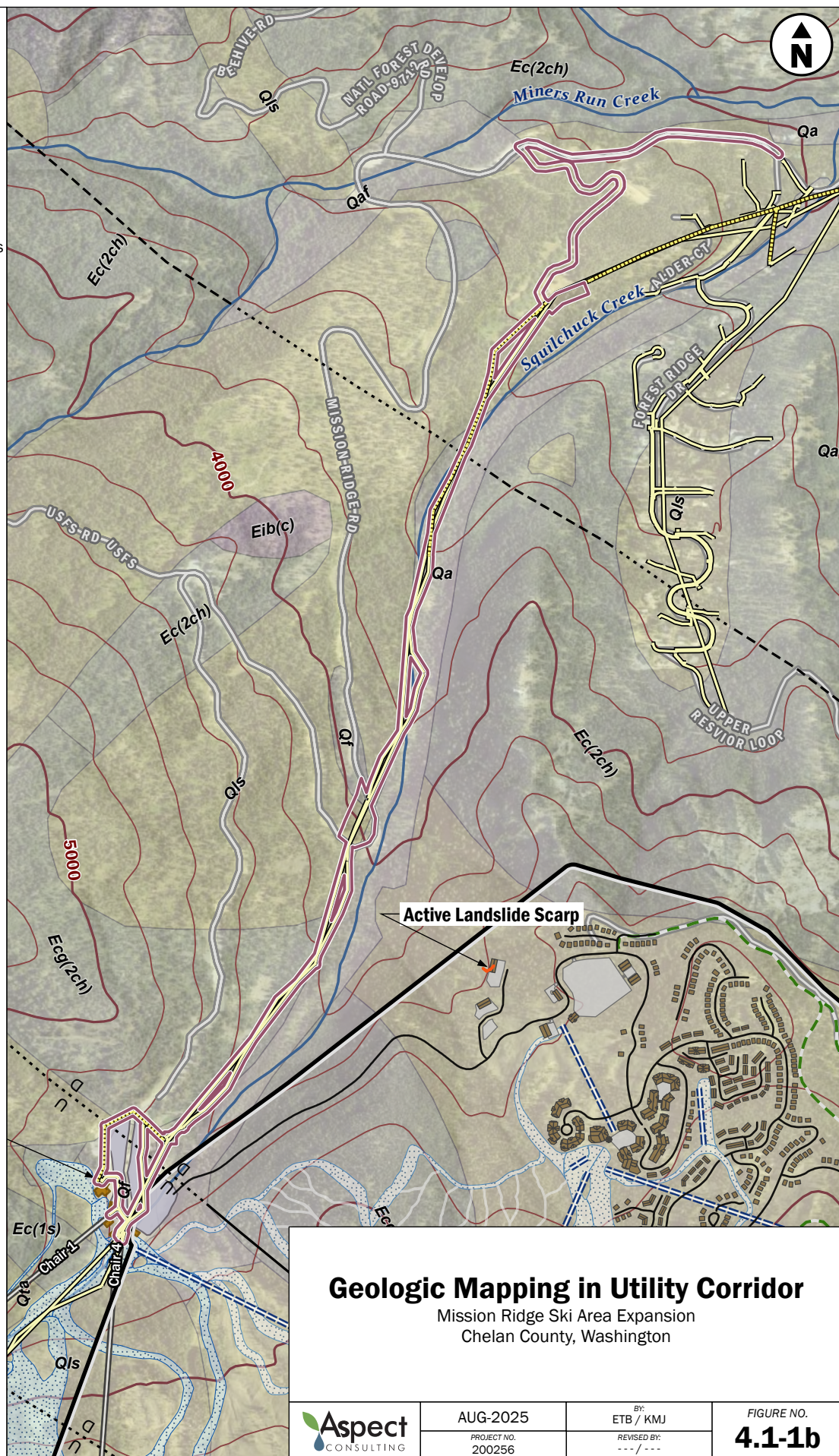
Proposed Development

	Proposed Nordic Ski Trail
	Proposed Ski Lift
	Proposed Ski Run Glade
	Proposed Ski Run
	Proposed Snowmaking Reservoir
	Proposed Road
	Proposed Parking
	Proposed Building

Existing Facilities

	Structure
	Parking Area
	Ski Lift
	Ski Run
	Existing Road

Note: Contour Interval = 200 ft



Geologic Mapping in Utility Corridor

Mission Ridge Ski Area Expansion
Chelan County, Washington



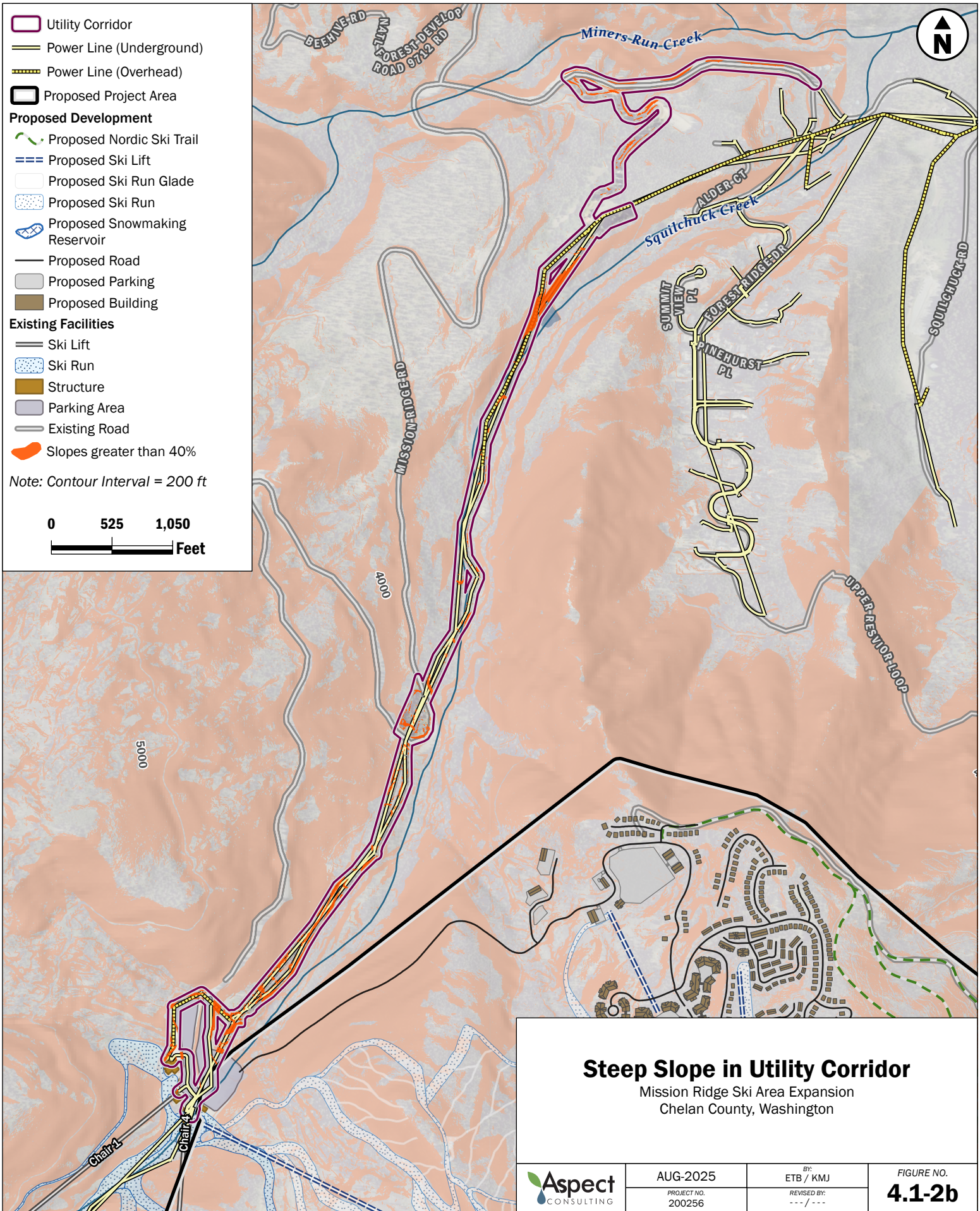
AUG-2025

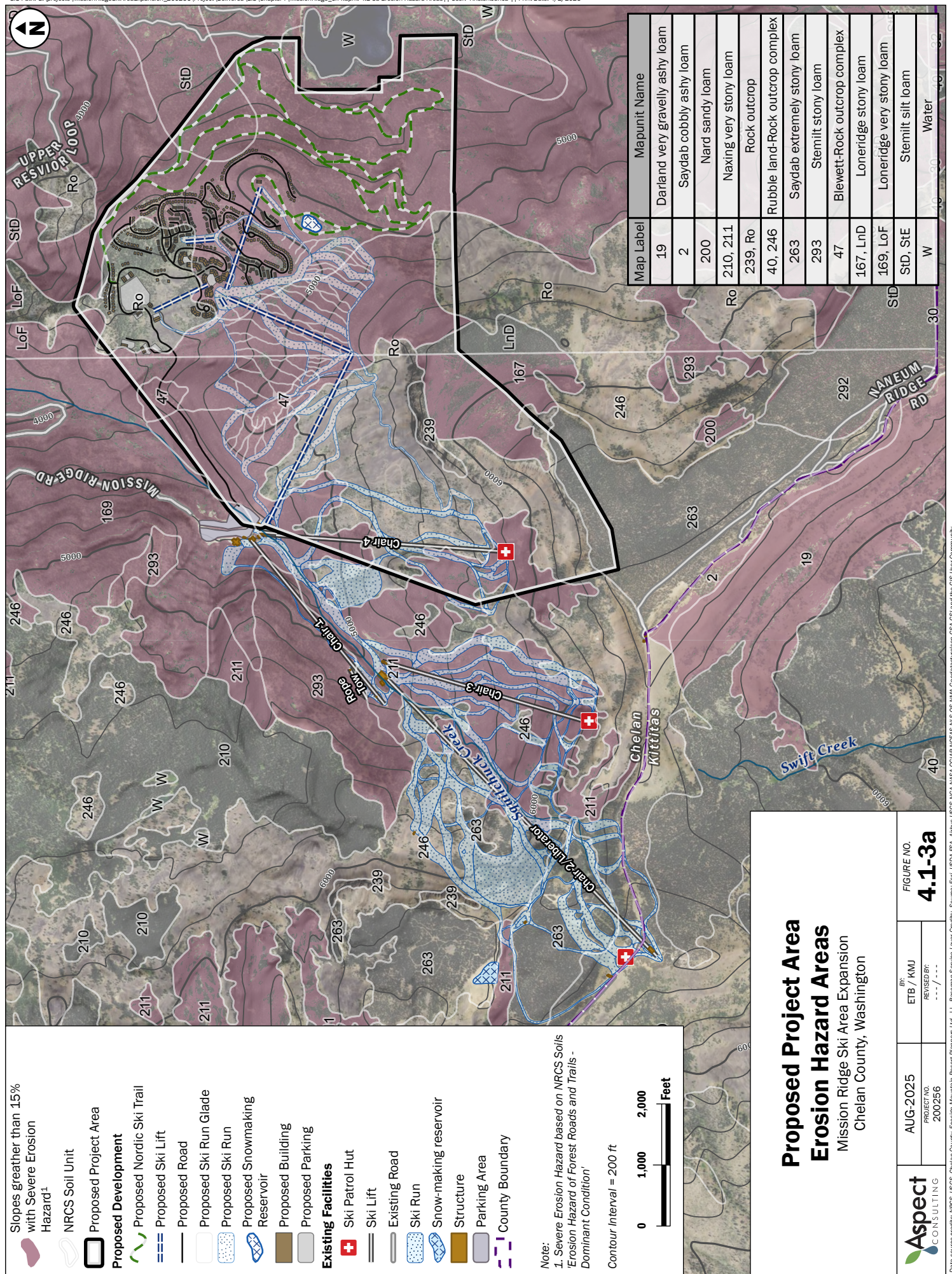
PROJECT NO.
200256

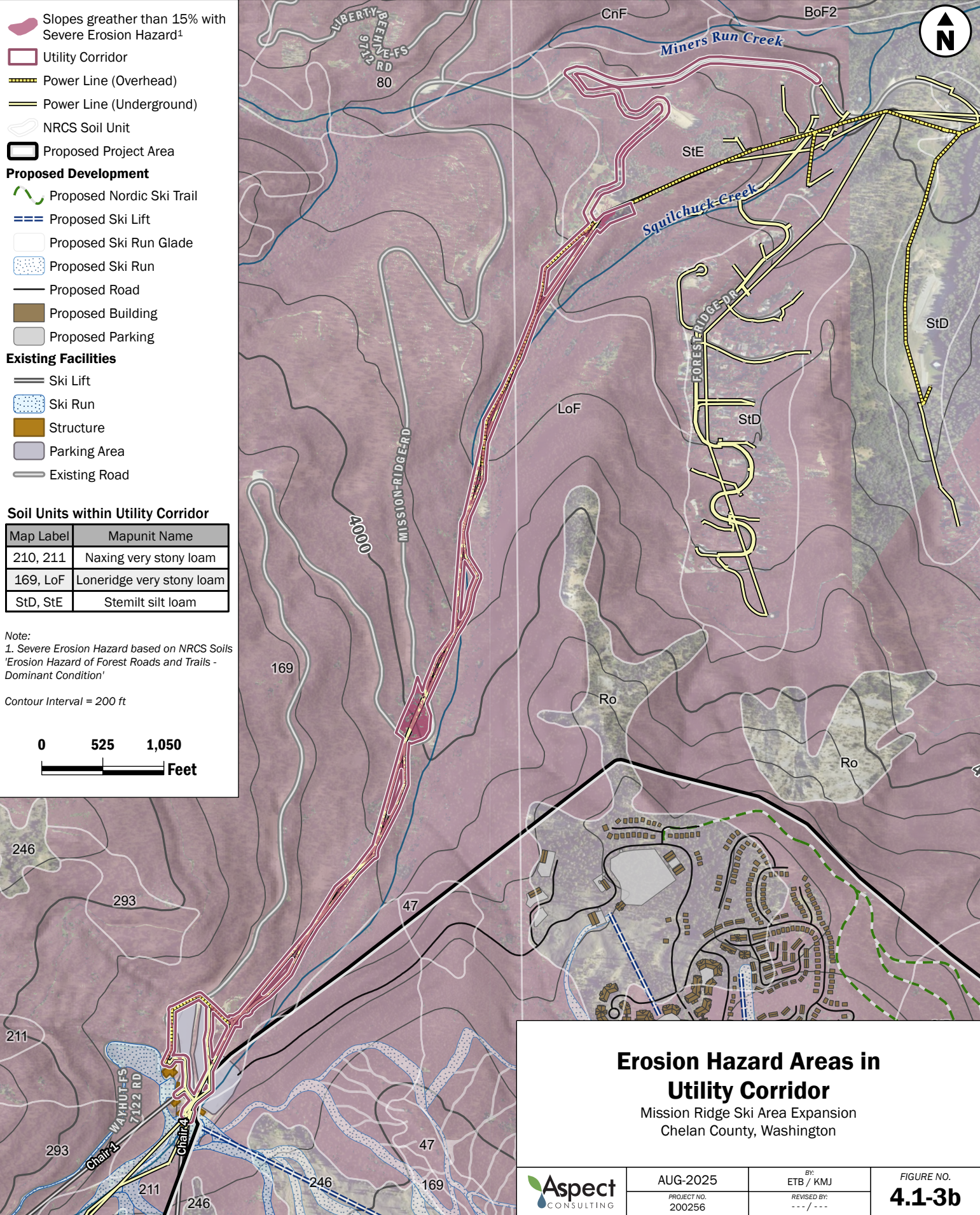
BY:
ETB / KMJ
REVISED BY:
--- / ---

FIGURE NO.

4.1-1b



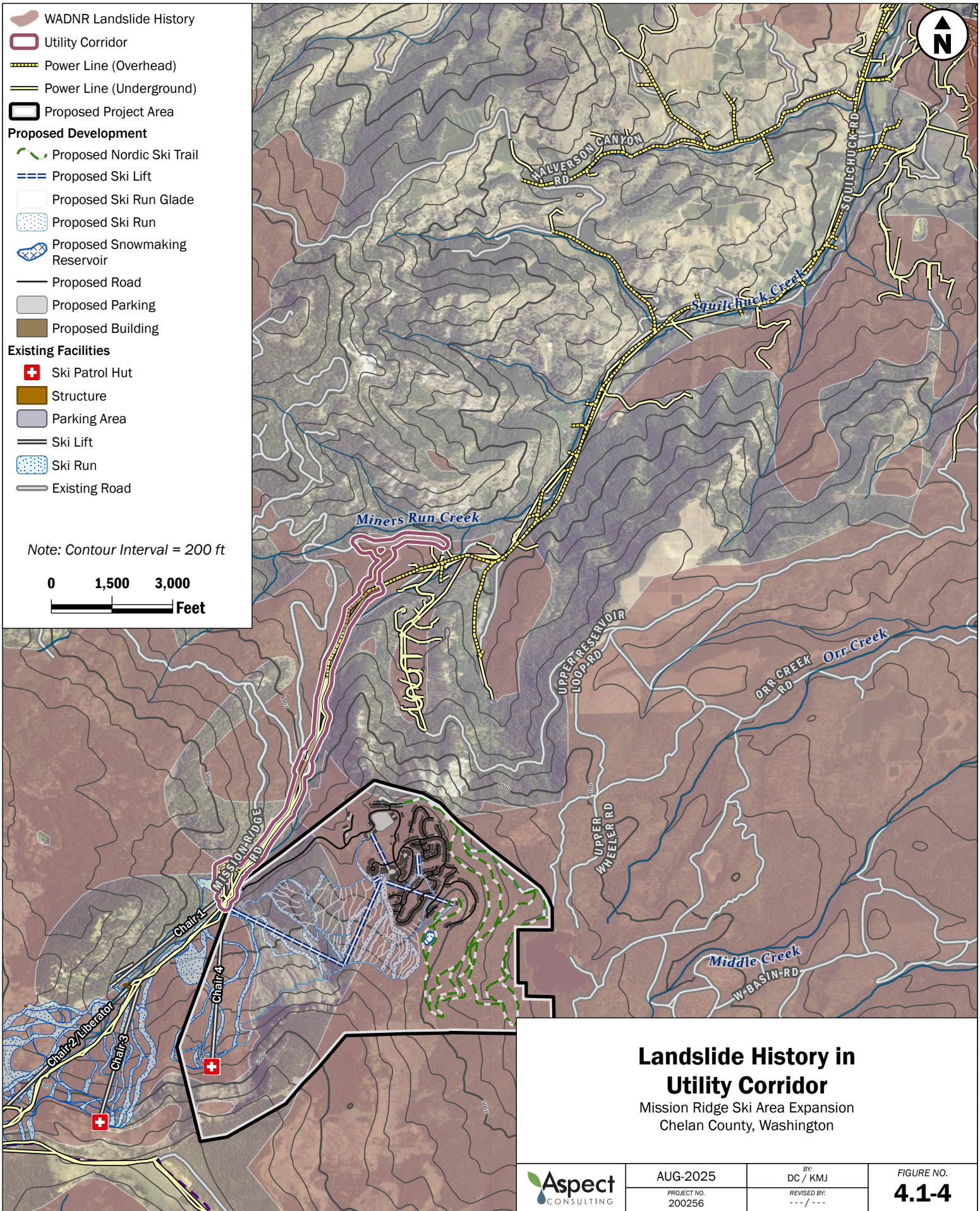


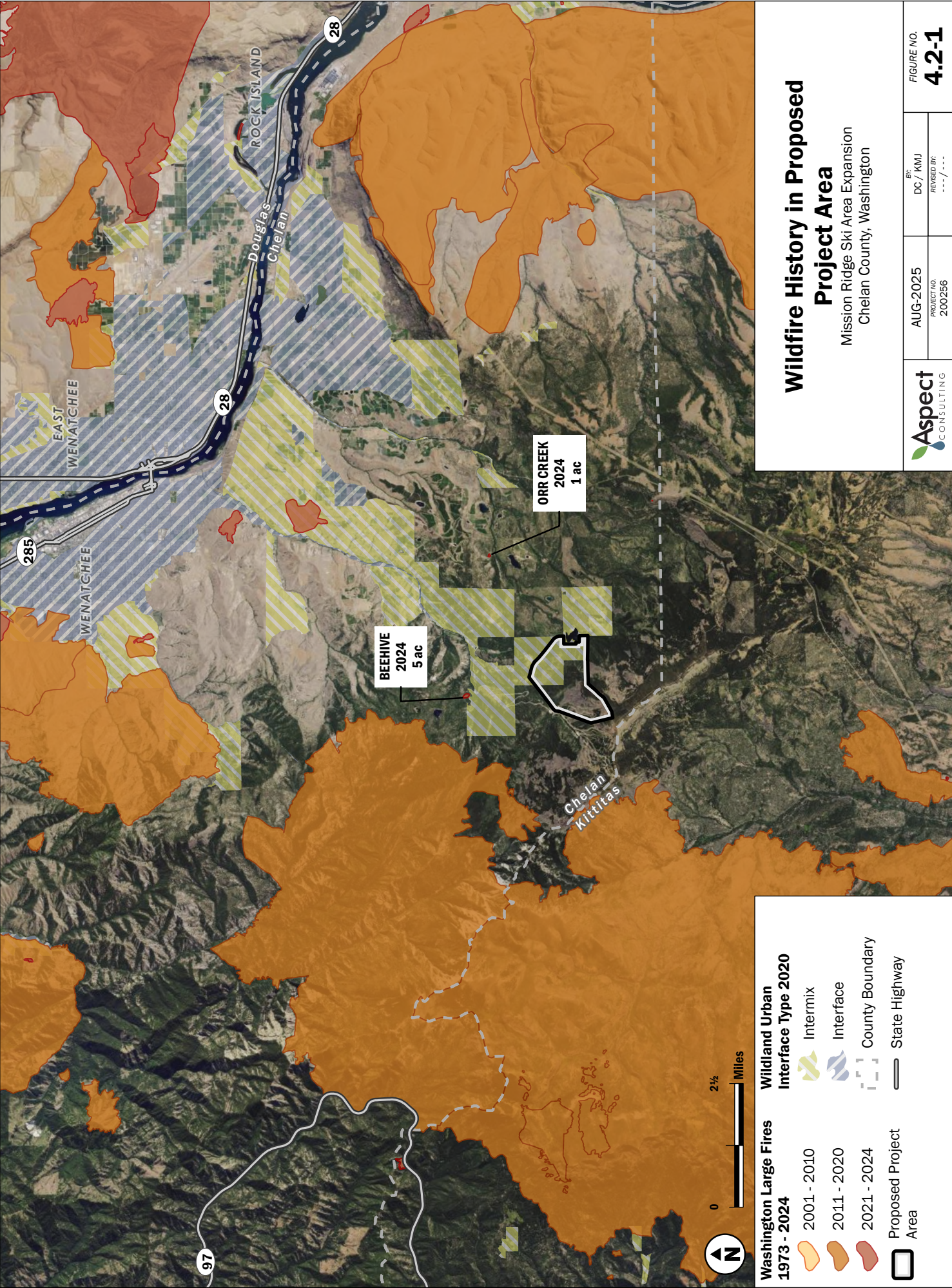


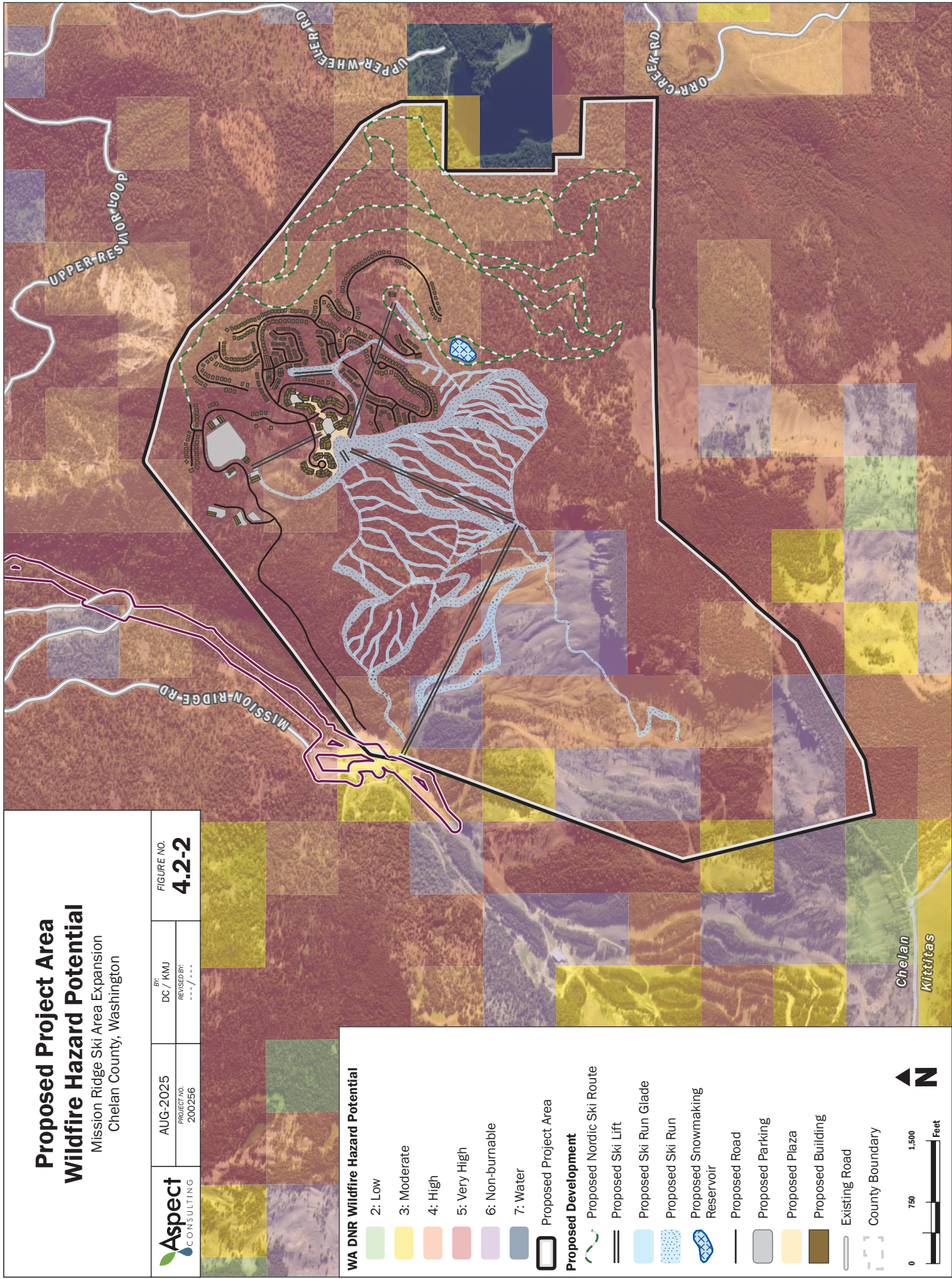
Erosion Hazard Areas in Utility Corridor

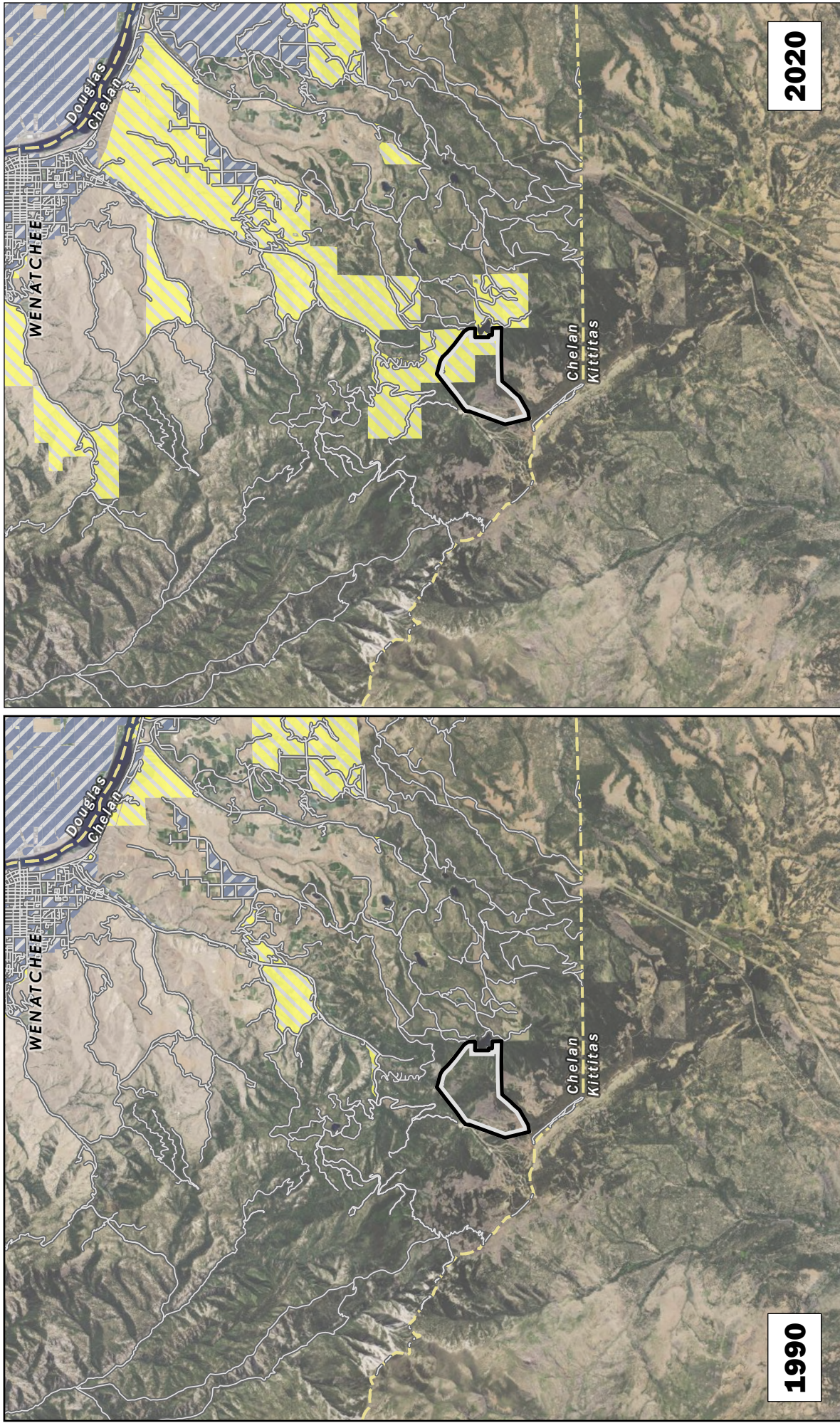
Mission Ridge Ski Area Expansion
Chelan County, Washington

Data source credits: NRCS, USGS, Chelan County, Ecosign Mountain Resort Planners Ltd. | Basemap Service Layer Credits: Source: Esri, USDA FSA, Airbus, USGS, NGA, NASA, CGIAR, NCEAS, NLS, OS, NMA, Geodatastyrelsen, GSA, GSI and the GIS User Community









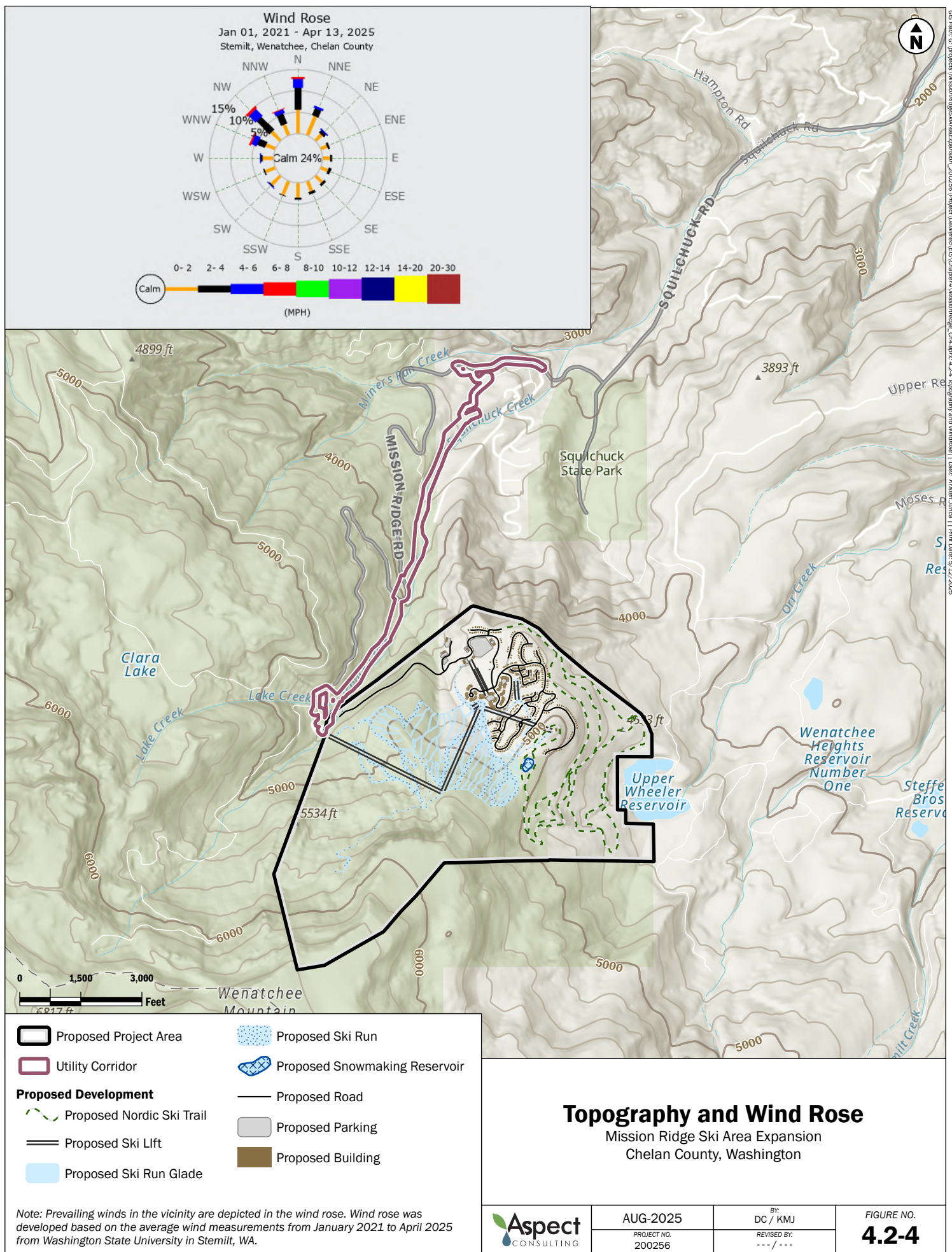
Proposed Project Area

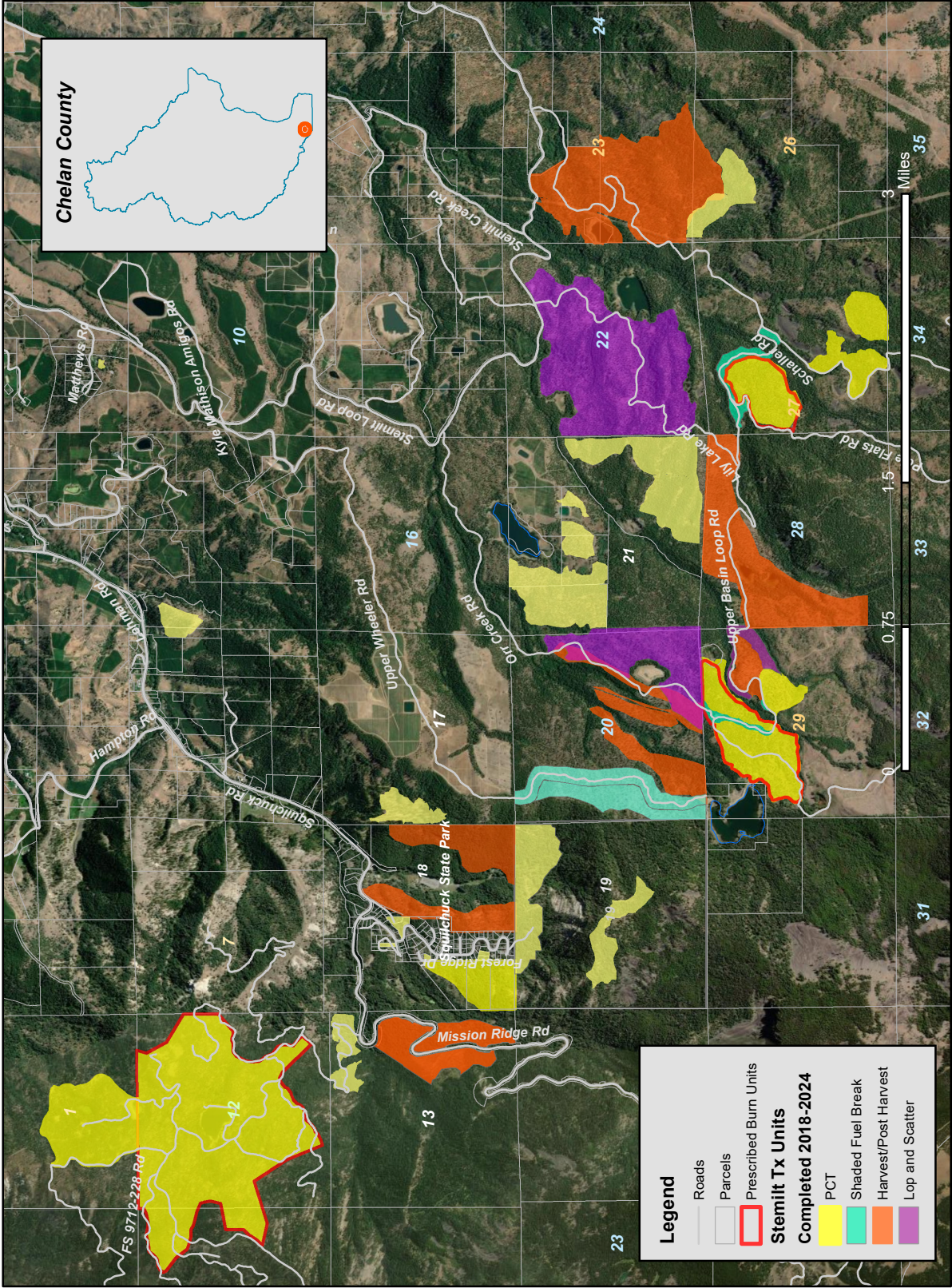
Change in Wildland Urban Interface

Mission Ridge Ski Area Expansion
Chelan County, Washington

Aspect
CONSULTING

AUG-2025	BY: DC / KMJ	FIGURE NO. 4.2-3
PROJECT NO. 200256	REVISED BY: --- / ---	





Sections are labeled by section number and ownership; sections without ownership labels are privately held. Chelan County GIS, DNR 2024

*Map by American Forest Management Inc. (Chelan County GIS, DNR 2024).

Stemilt Landscape Scale Restoration Area 2024

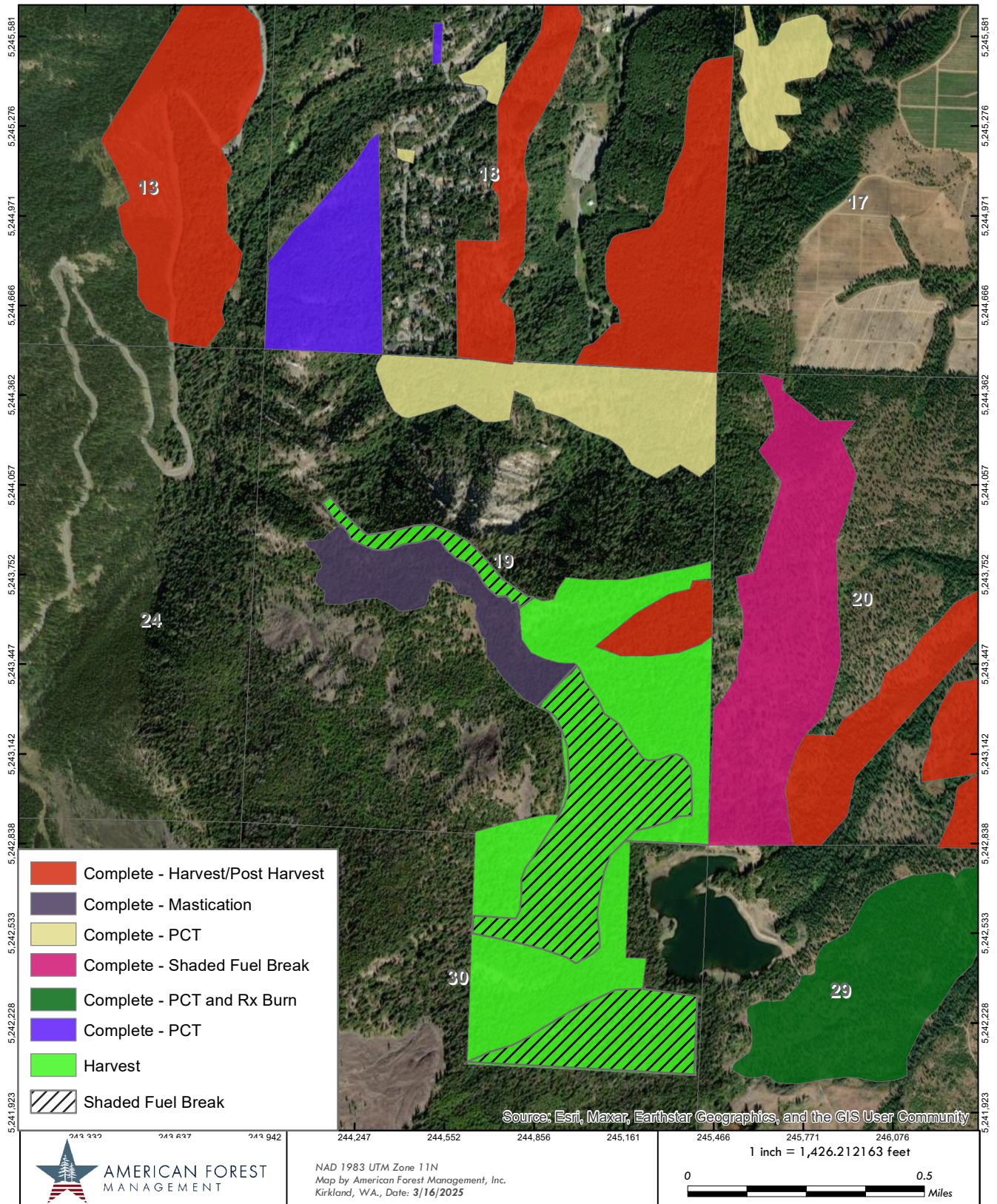
Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025
PROJECT NO.
200256

BY:
DC/WV
REVISED BY:

FIGURE NO.
4.2-5a



*Map by American Forest Management Inc. (2025).

Stemilt Landscape Scale Restoration Area Completed and Planned

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025

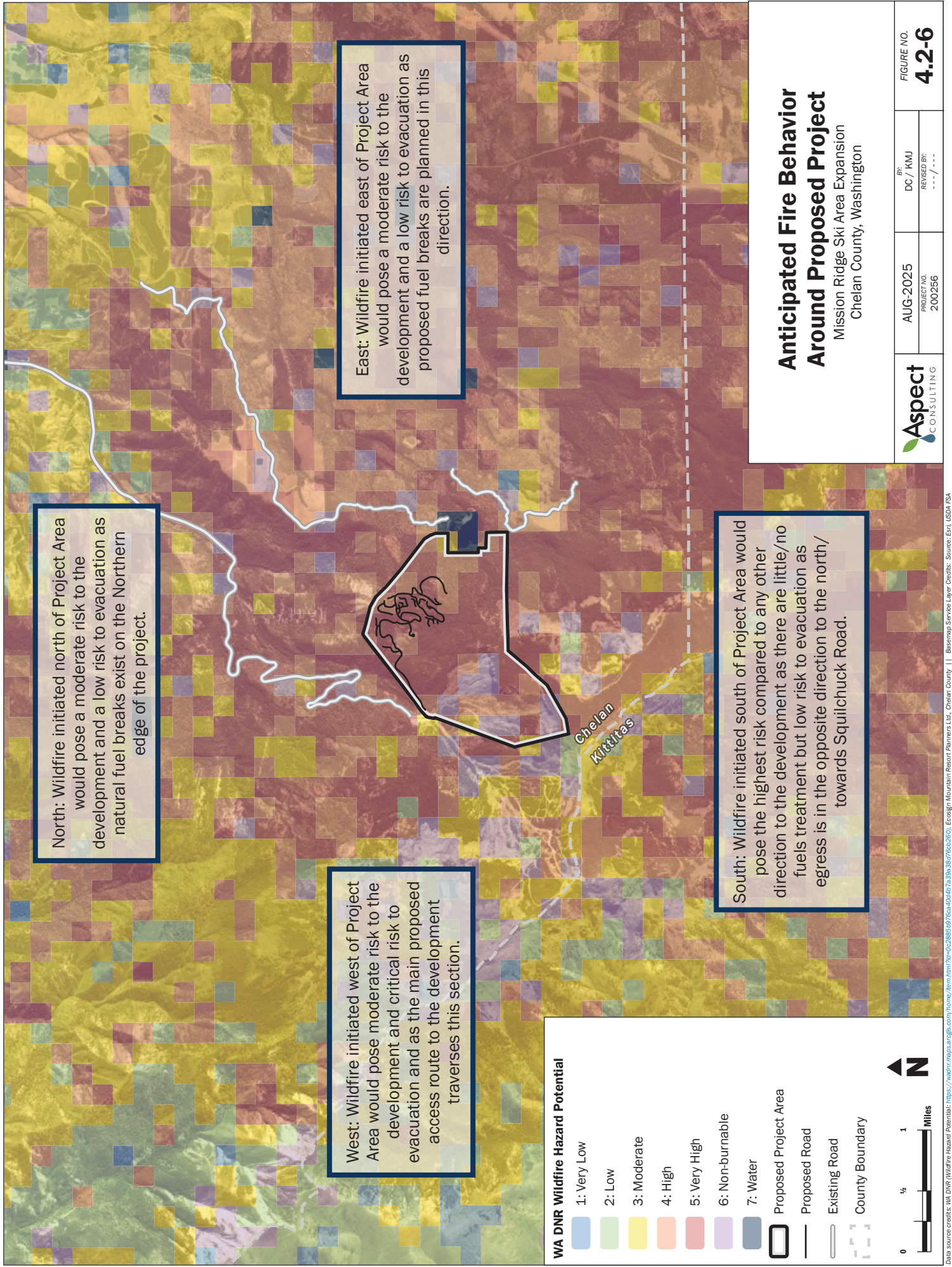
PROJECT NO.
200256

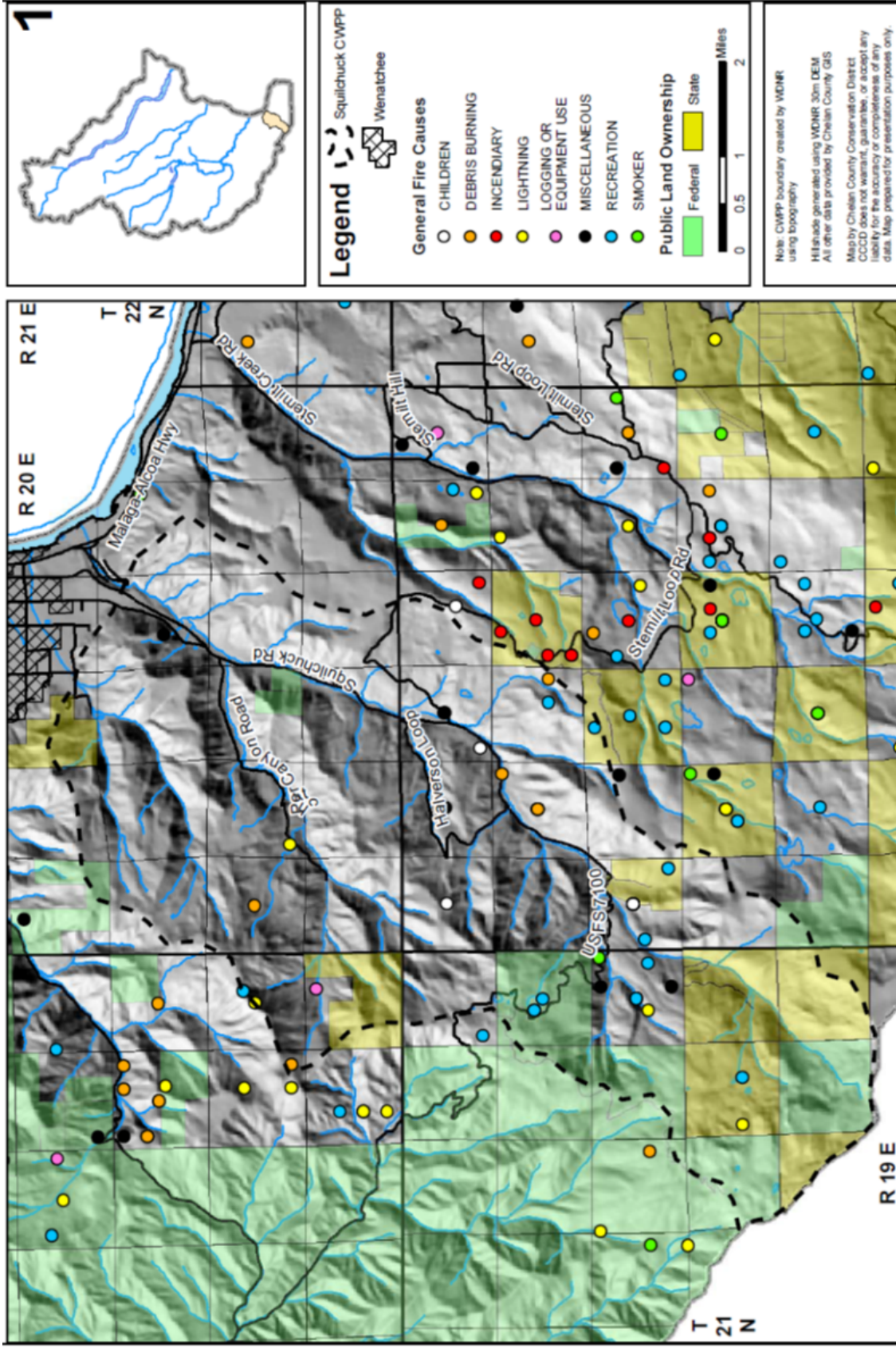
BY:
DC/WV

REV BY:

FIGURE NO.

4.2-5b





Squilchuck CWPP Area Fire Causes

Mission Ridge Ski Area Expansion
Chelan County, Washington

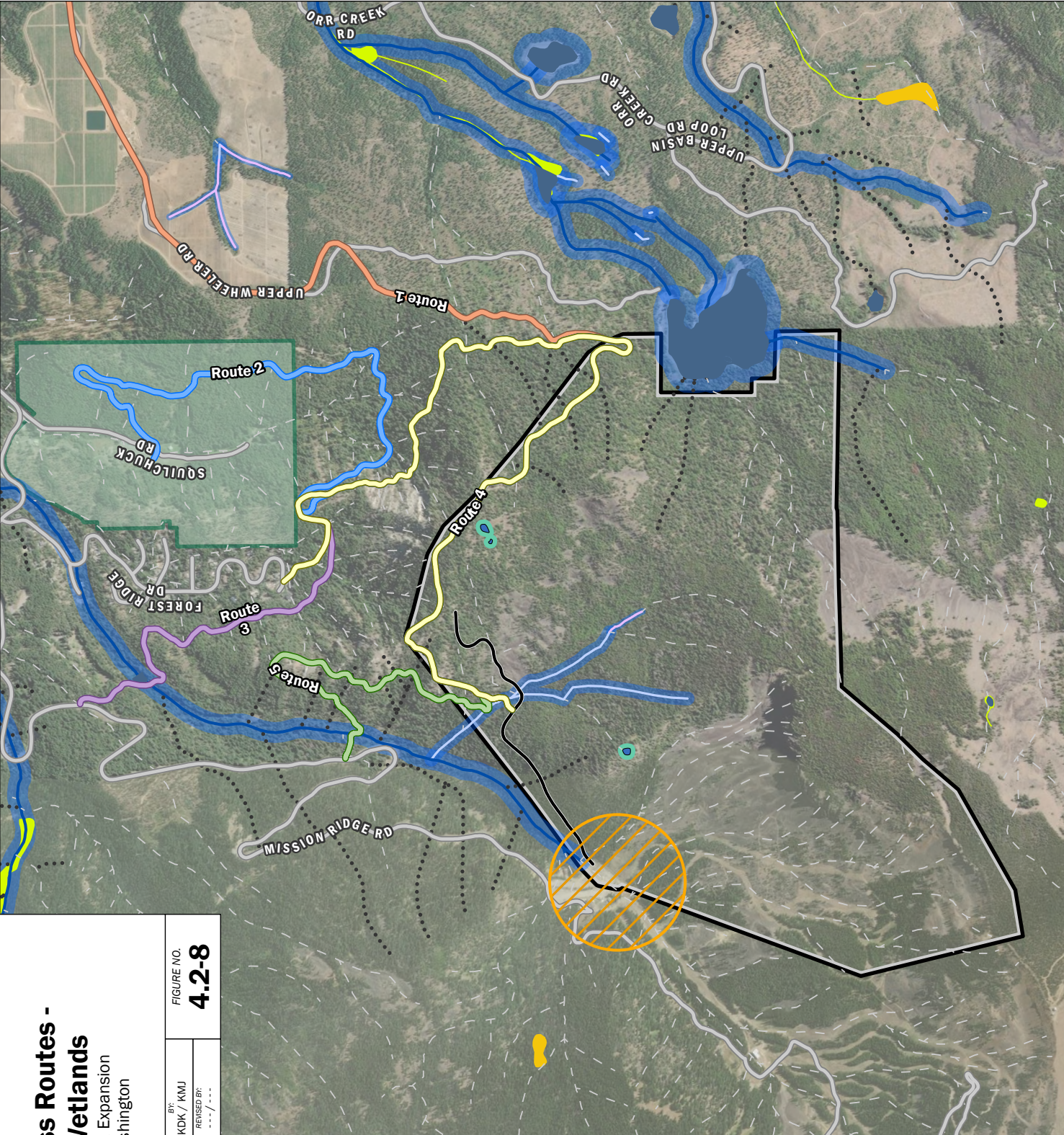


AUG-2025
PROJECT NO.
200256

BY:
DC/WV
REVISED BY:

FIGURE NO.
4.2-7

*Map by Chelan County Conservation District, prepared for presentation purposes only (2005).



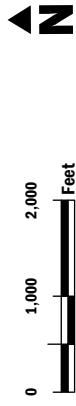
Secondary Access Routes - Streams and Wetlands

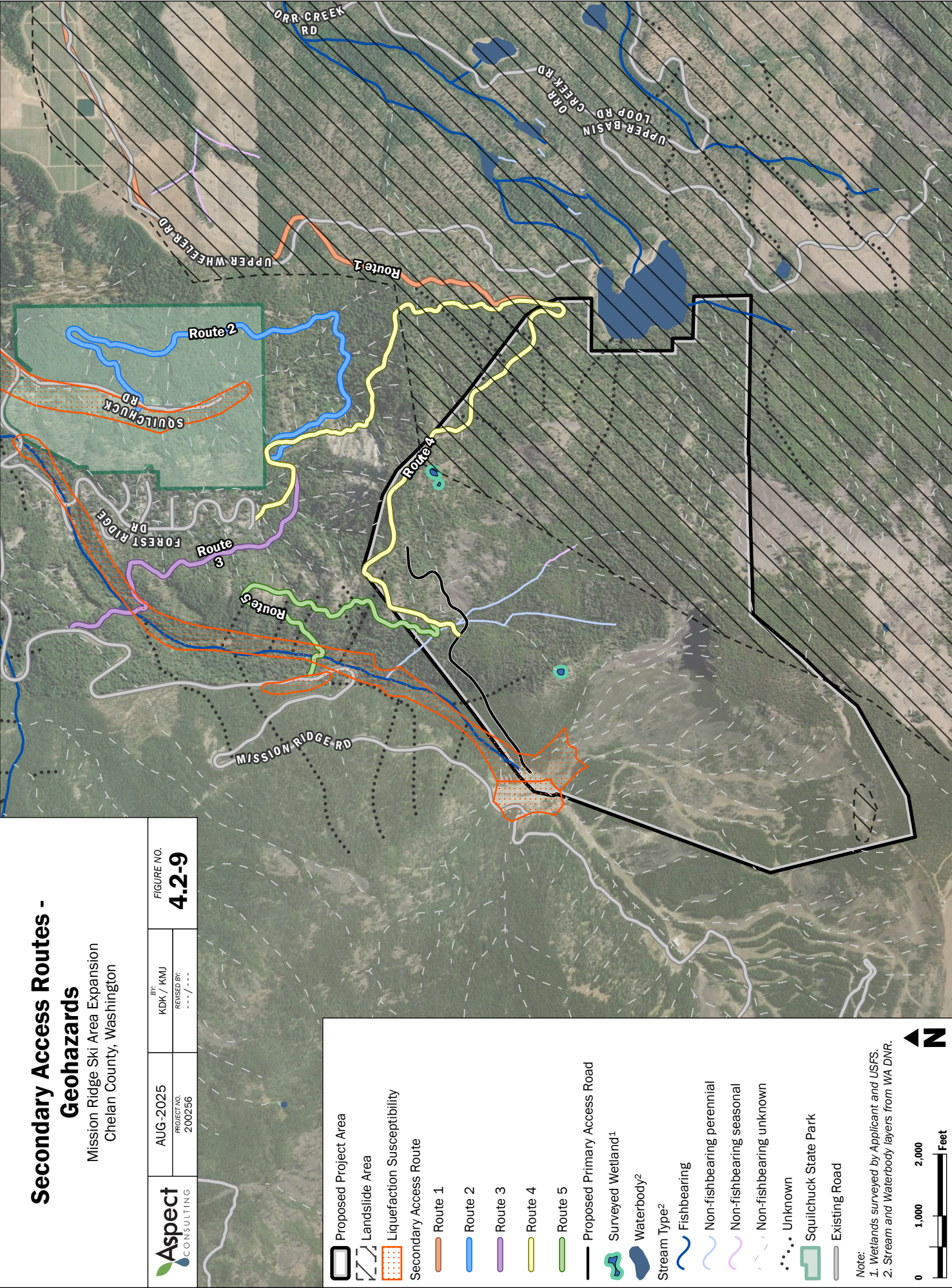
Mission Ridge Ski Area Expansion
Chelan County, Washington

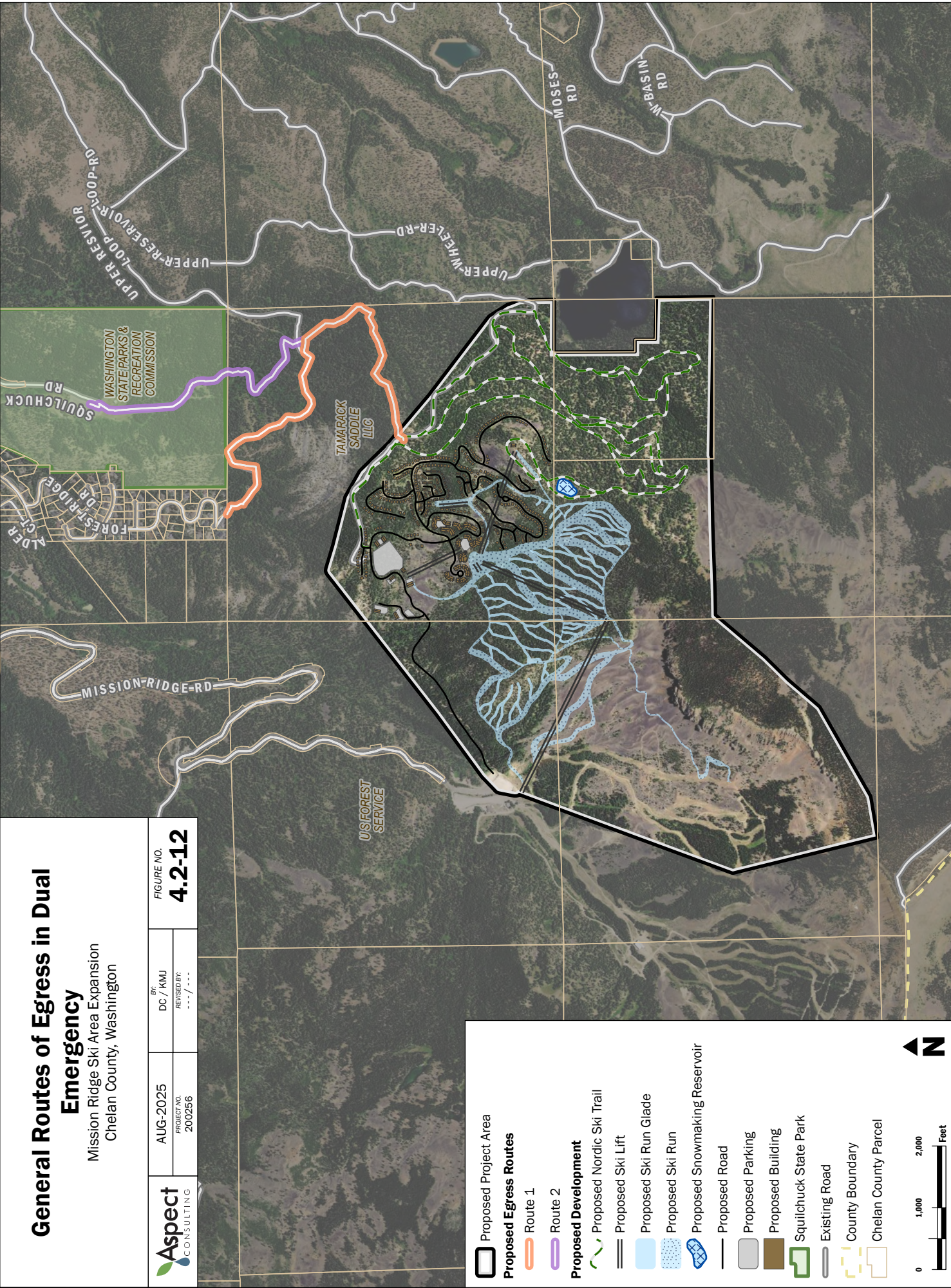
Aspect CONSULTING	AUG-2025	BY: KDK / KMJ	FIGURE NO. 4.2-8
	PROJECT NO: 200256	REVISED BY: --- / ---	

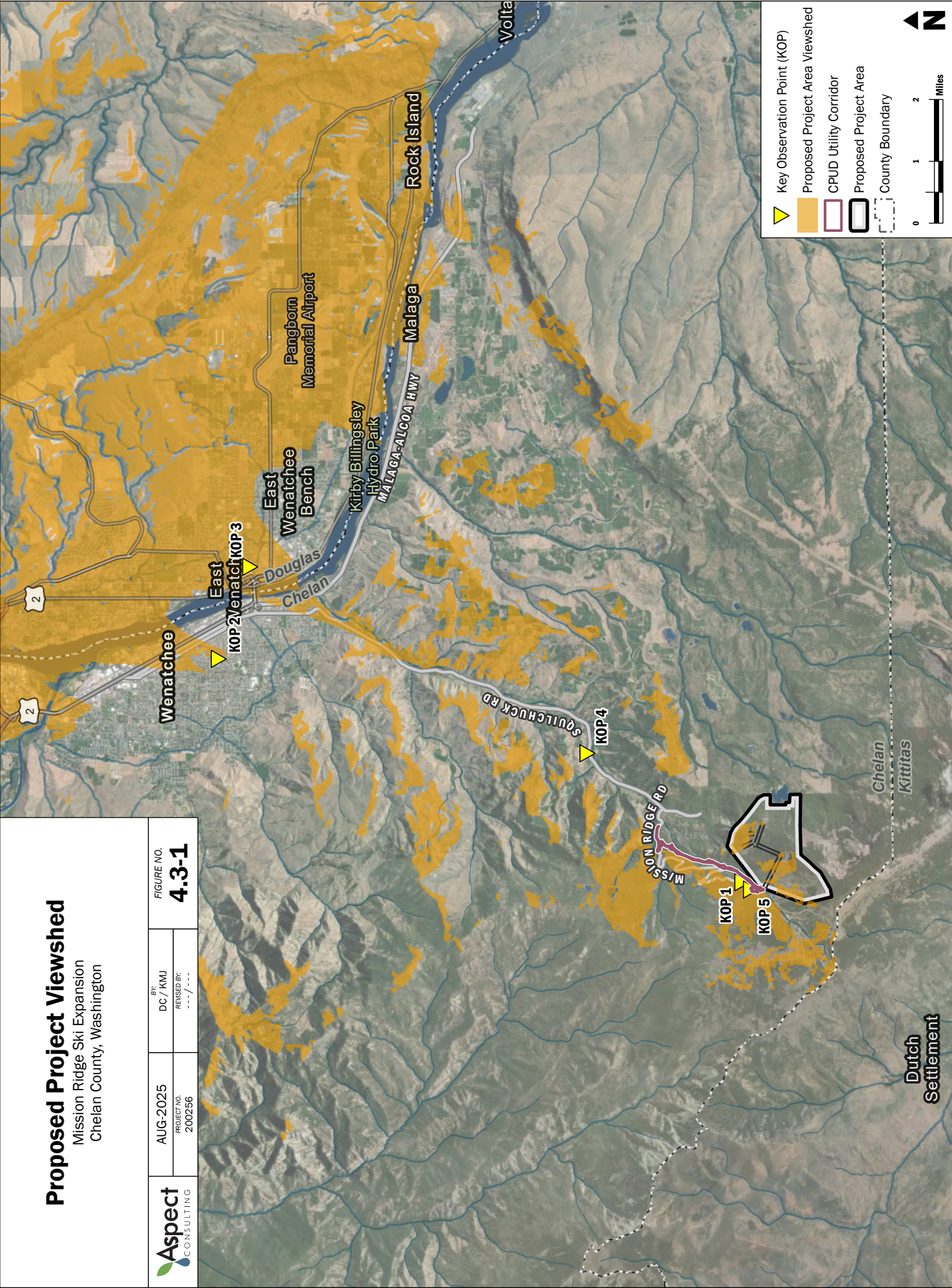
- Proposed Project Area
- Wellhead Protection Area (10-year)
- Riparian Habitat Buffer¹
- Secondary Access Route
 - Route 1
 - Route 2
 - Route 3
 - Route 4
 - Route 5
- Proposed Primary Access Road
- National Wetland Inventory
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Surveyed Wetland²
 - Waterbody³
- Stream Type³
 - Fishbearing
 - Non-fishbearing perennial
 - Non-fishbearing seasonal
 - Non-fishbearing unknown
 - Unknown
- Squilchuck State Park
- Existing Road

Note:
1. Riparian buffers shown are from CCC 11.78 and were created using WA DNR streams and waterbodies.
2. Wetlands surveyed by Applicant and USFS.
3. Stream and Waterbody layers from WA DNR.





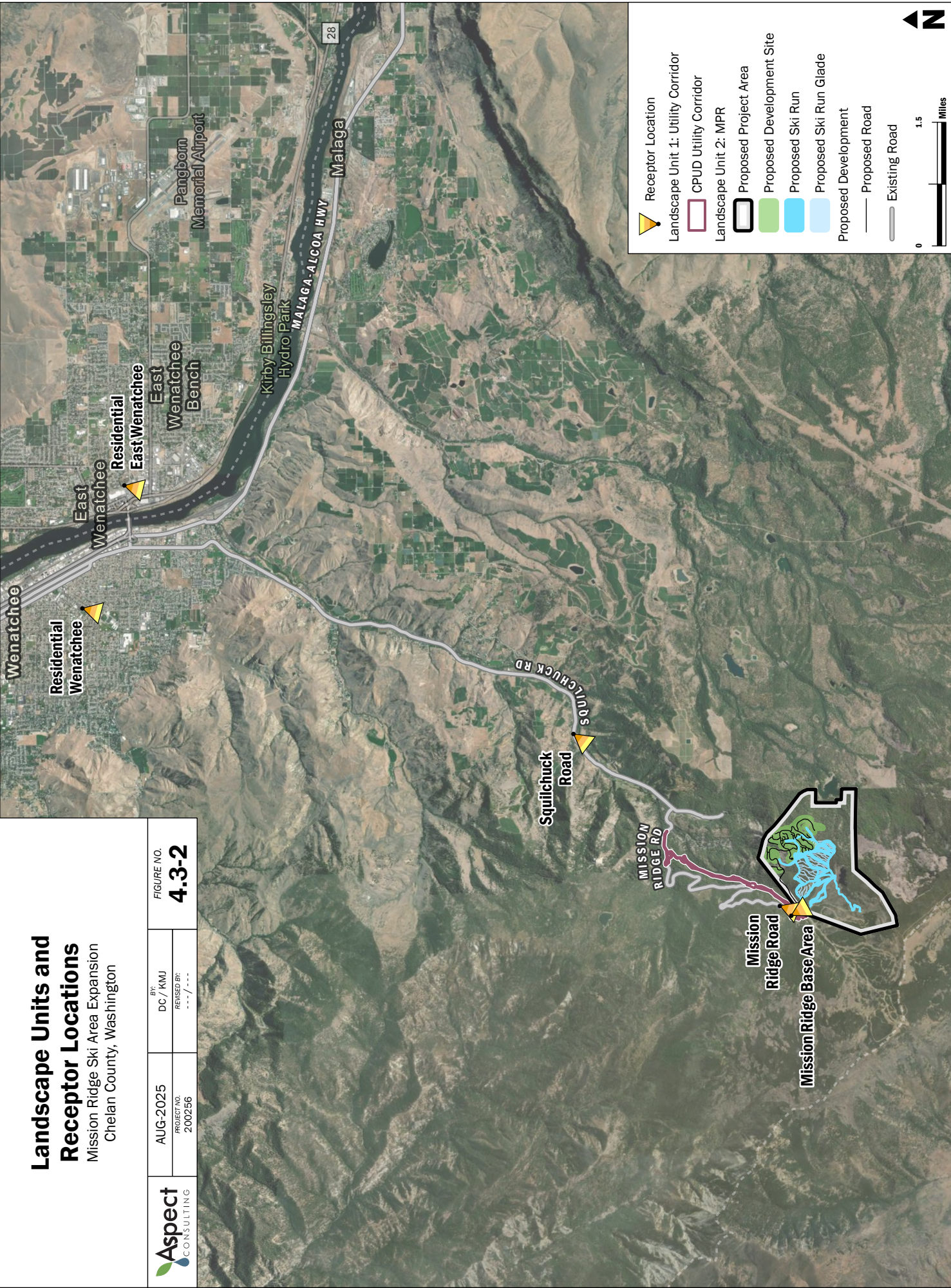




Proposed Project Viewshed

Mission Ridge Ski Expansion
Chelan County, Washington

Aspect CONSULTING	AUG-2025	BY: DC / KMJ	FIGURE NO. 4.3-1
	PROJECT NO. 200256	REVIEWED BY: ---	



Landscape Units and Receptor Locations

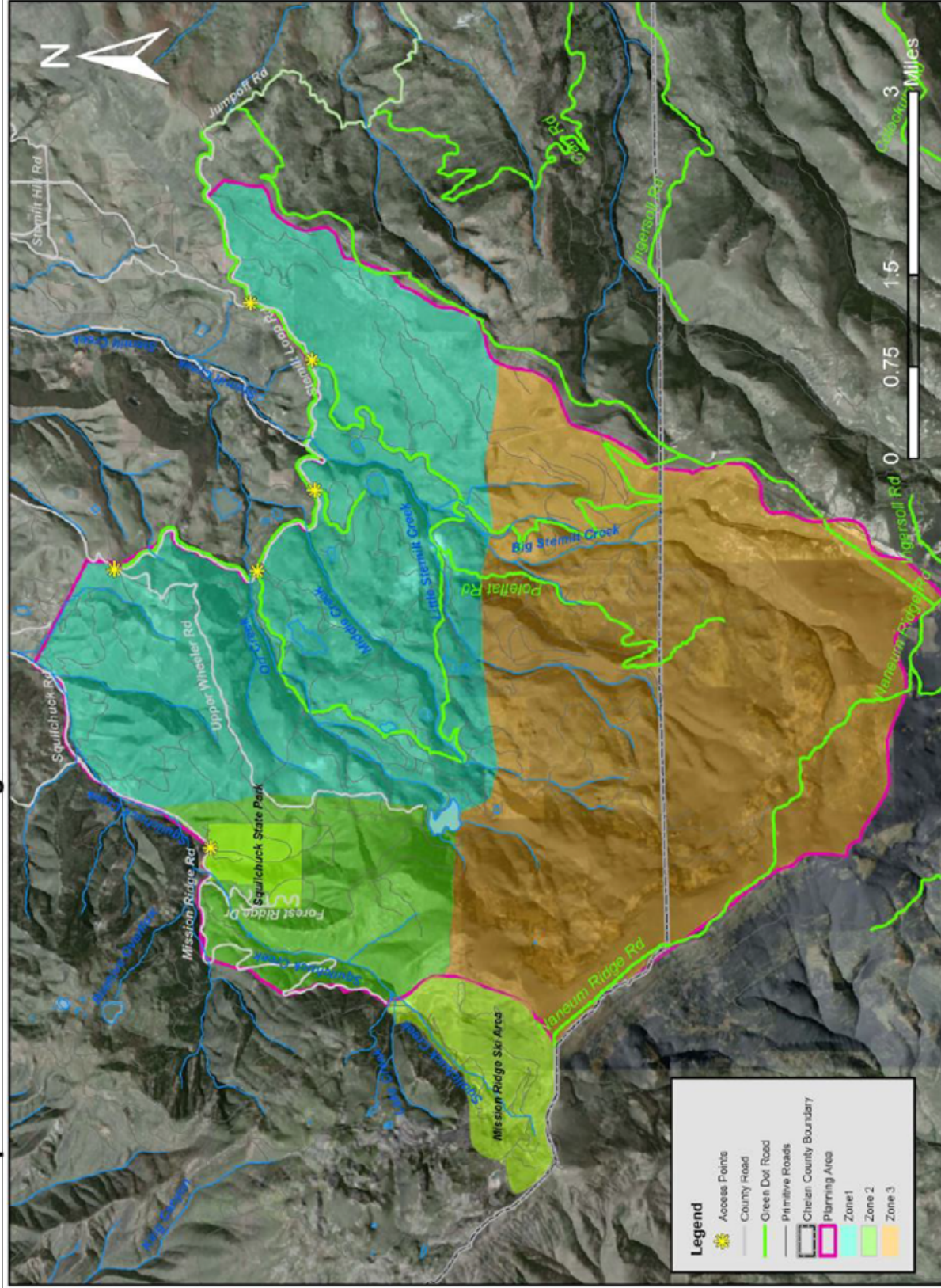
Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025
PROJECT NO:
200256

BY:
DC / KMJ
REVISED BY:
--- / ---

FIGURE NO.
4.3-2



Stemilt Stemilt-Squilchuck Recreation Planning Area

Mission Ridge Ski Area Expansion
Chelan County, Washington



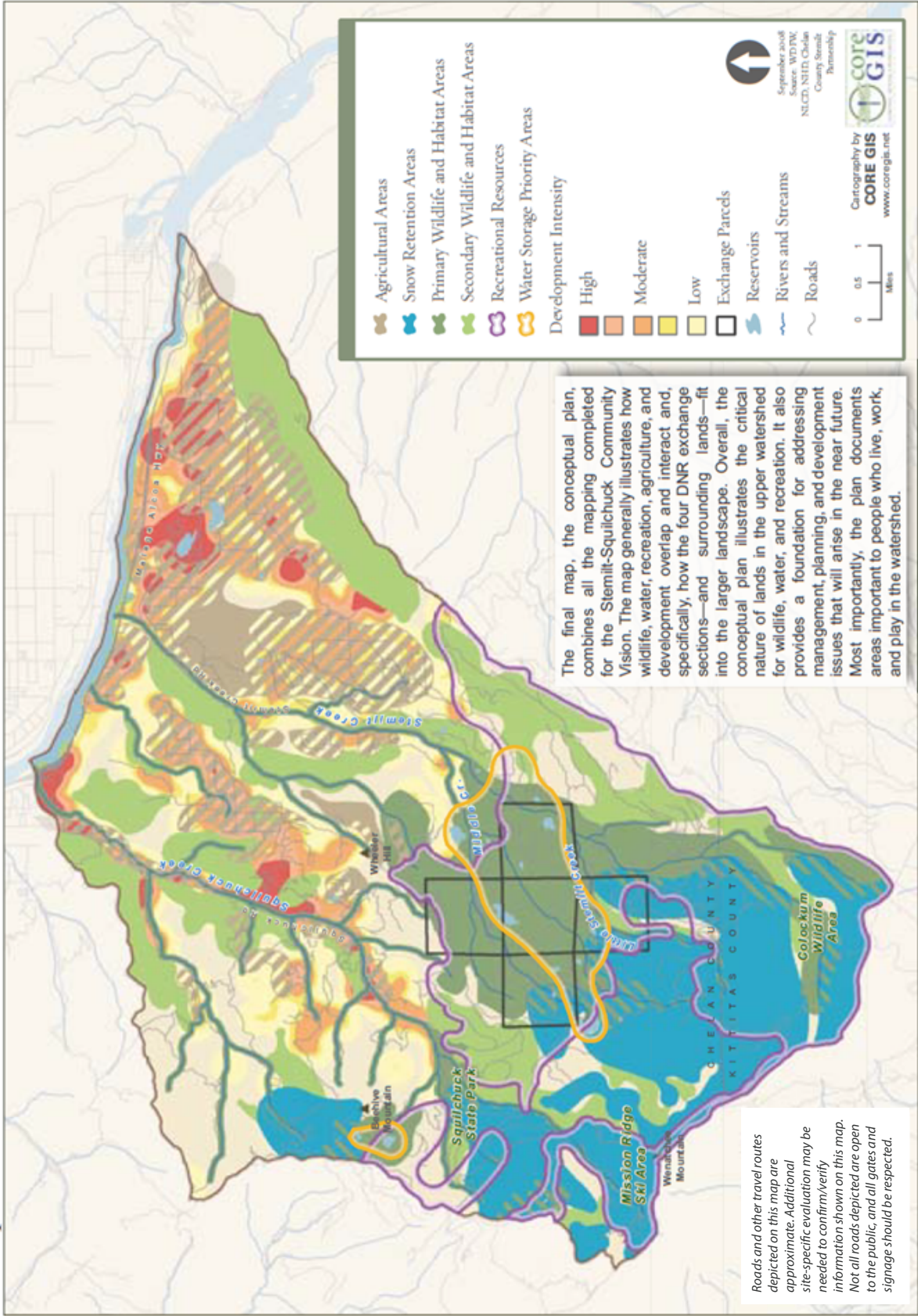
AUG-2025
PROJECT NO.
200256

BY:
DC/WV
REVISED BY:

FIGURE NO.
4.4-2

*Map by Chelan County GIS (source: Stemilt Vision Document 2008).

MAP 6.4 CONCEPTUAL PLAN

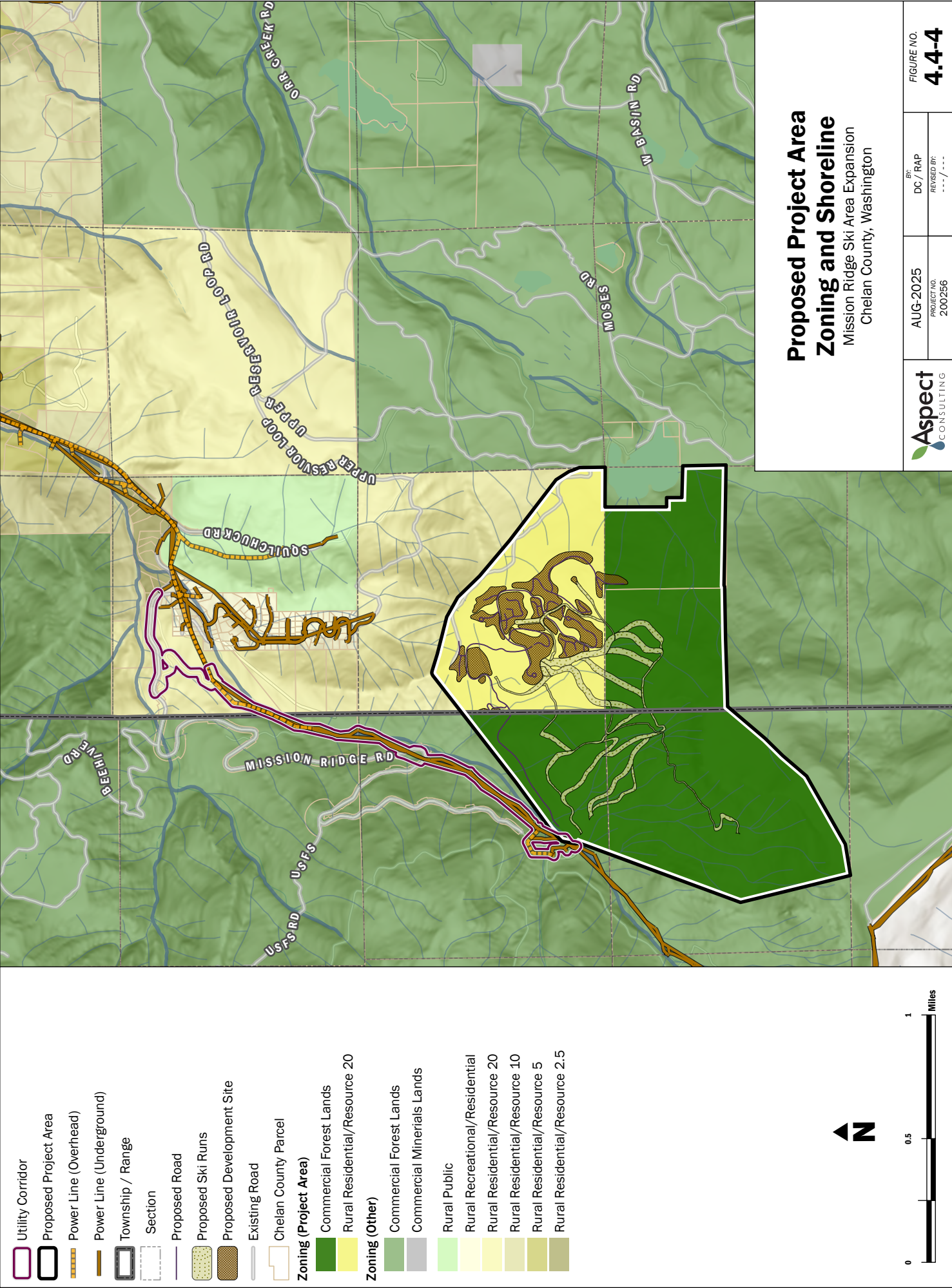


*Map by CORE GIS, for Chelan County Partnership, September 2008.

Stemilt Stemilt-Squilchuck Community Vision Conceptual Plan

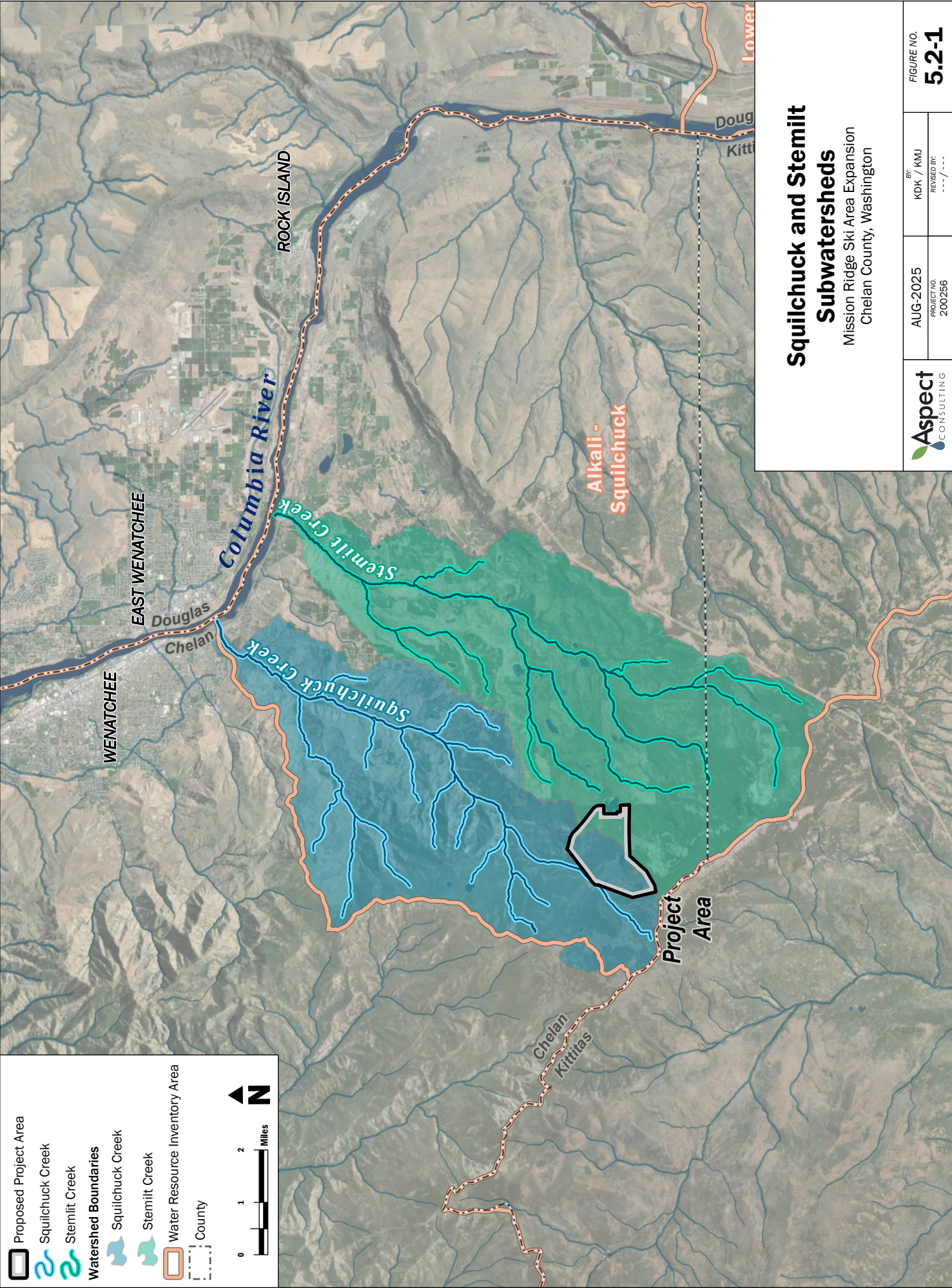
Mission Ridge Ski Area Expansion
Chelan County, Washington

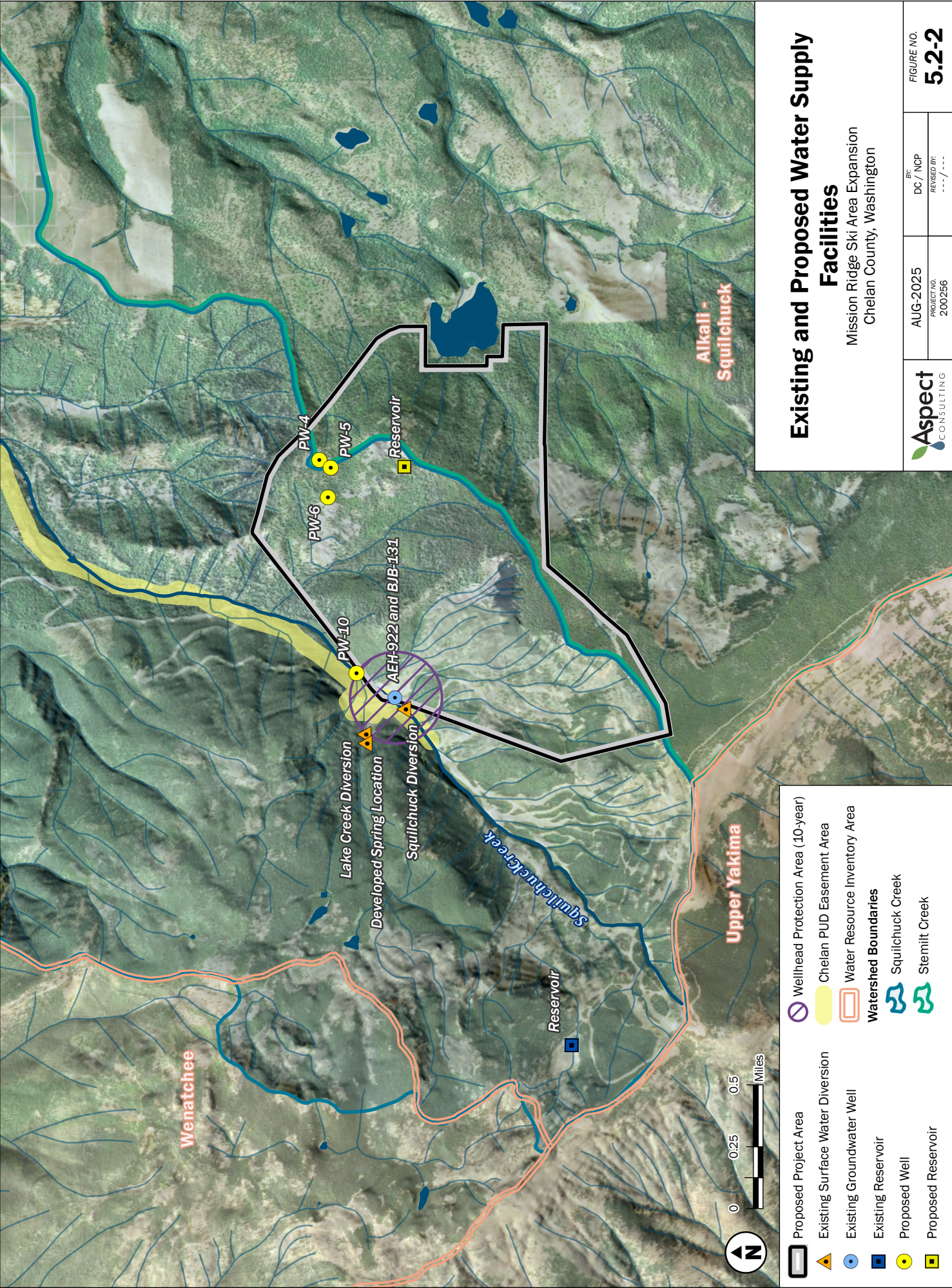
	AUG-2025	BY: DC/WV	FIGURE NO. 4.4-3
	PROJECT NO. 200256	REVISED BY: ---	



**Proposed Project Area
Zoning and Shoreline**
Mission Ridge Ski Area Expansion
Chelan County, Washington

	AUG-2025	DC / RAP	FIGURE NO.
	PROJECT NO. 200256	REVISED BY: --- / ---	4.4-4





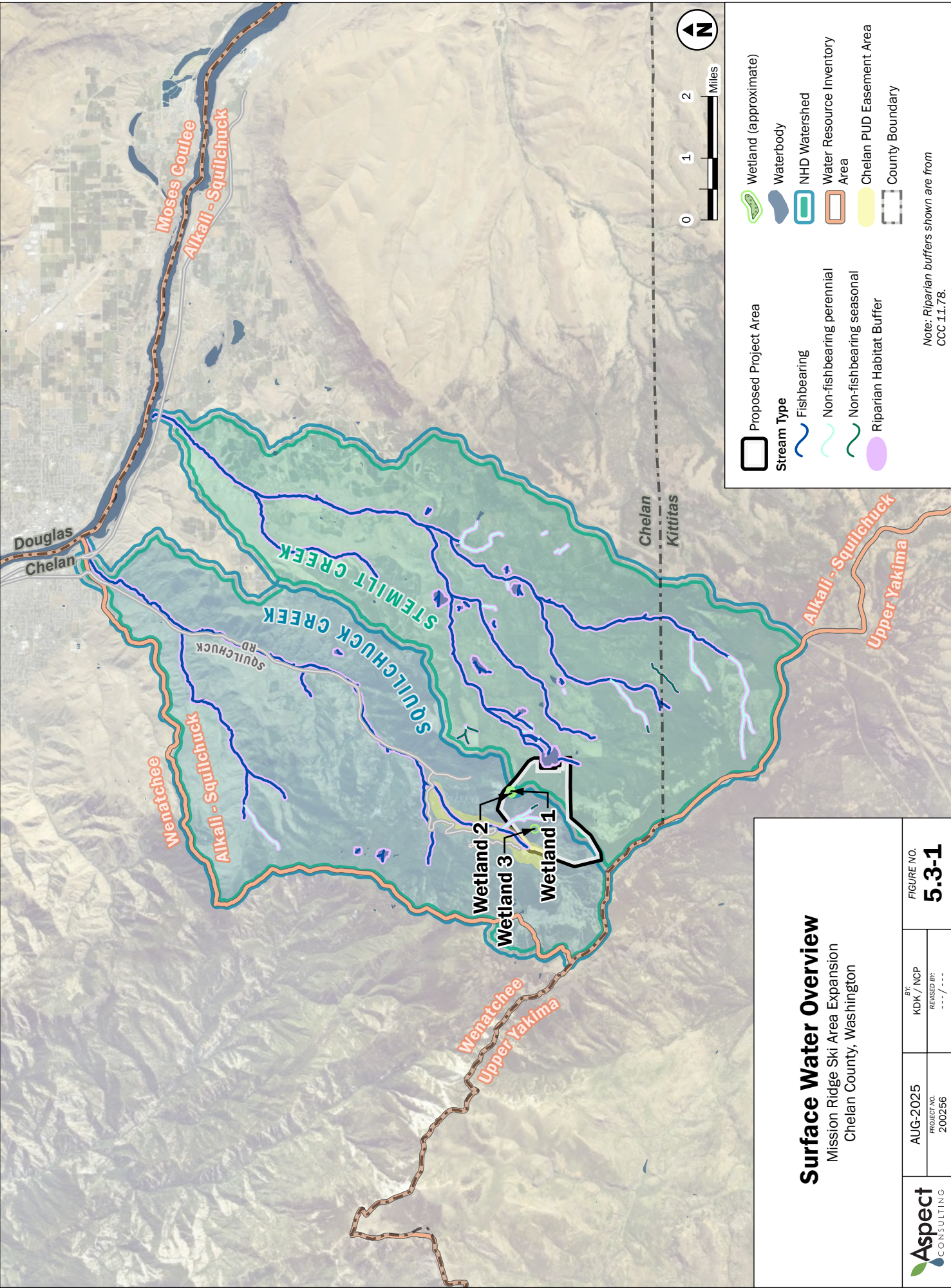


FIGURE NO.
5.3-1

BY: KDK / NCP
REVISED BY: --- / ---

AUG-2025
PROJECT NO.
200256

Aspect
CONSULTING

South Section

 Utility Corridor

 Power Line (Overhead)

 Power Line (Underground)

Site Visit Features

 Edge of Creek - OHWM¹

 Edge of Creek

 Easement Point of Interest

 Culvert

 Dry Drainage

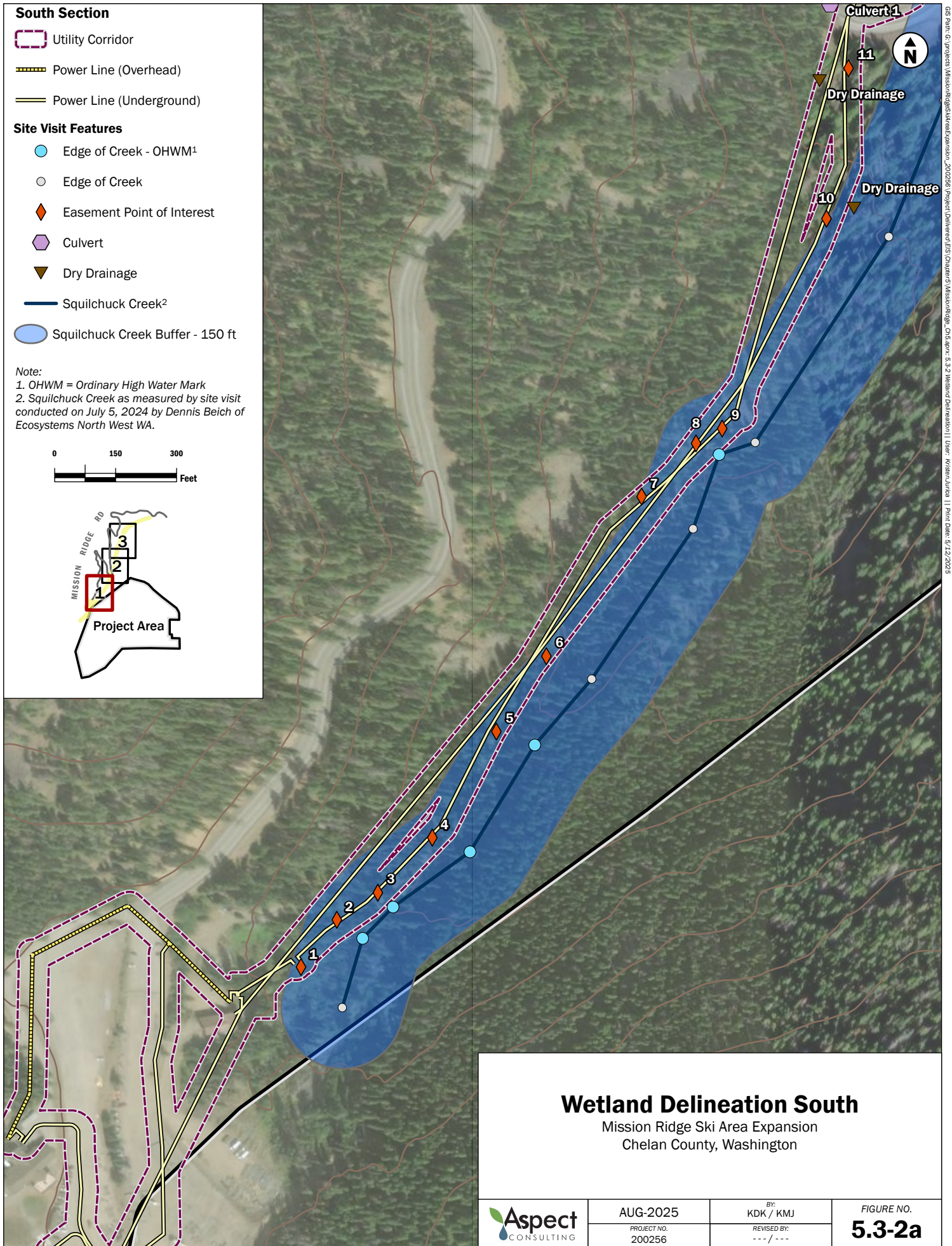
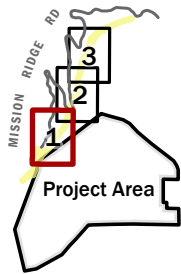
 Squilchuck Creek²

 Squilchuck Creek Buffer - 150 ft

Note:

1. OHWM = Ordinary High Water Mark

2. Squilchuck Creek as measured by site visit conducted on July 5, 2024 by Dennis Beich of Ecosystems North West WA.



Wetland Delineation South

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025

PROJECT NO.
200256

BY:
KDK / KMJ

REVISED BY:
--- / ---

FIGURE NO.

5.3-2a

Central Section

 Utility Corridor

 Power Line (Overhead)

 Power Line (Underground)

Site Visit Features

 Edge of Creek - OHWM¹

 Edge of Creek

 Easement Point of Interest

 Stream Center

 Culvert

 Dry Drainage

 Squilchuck Creek²

 New Stream

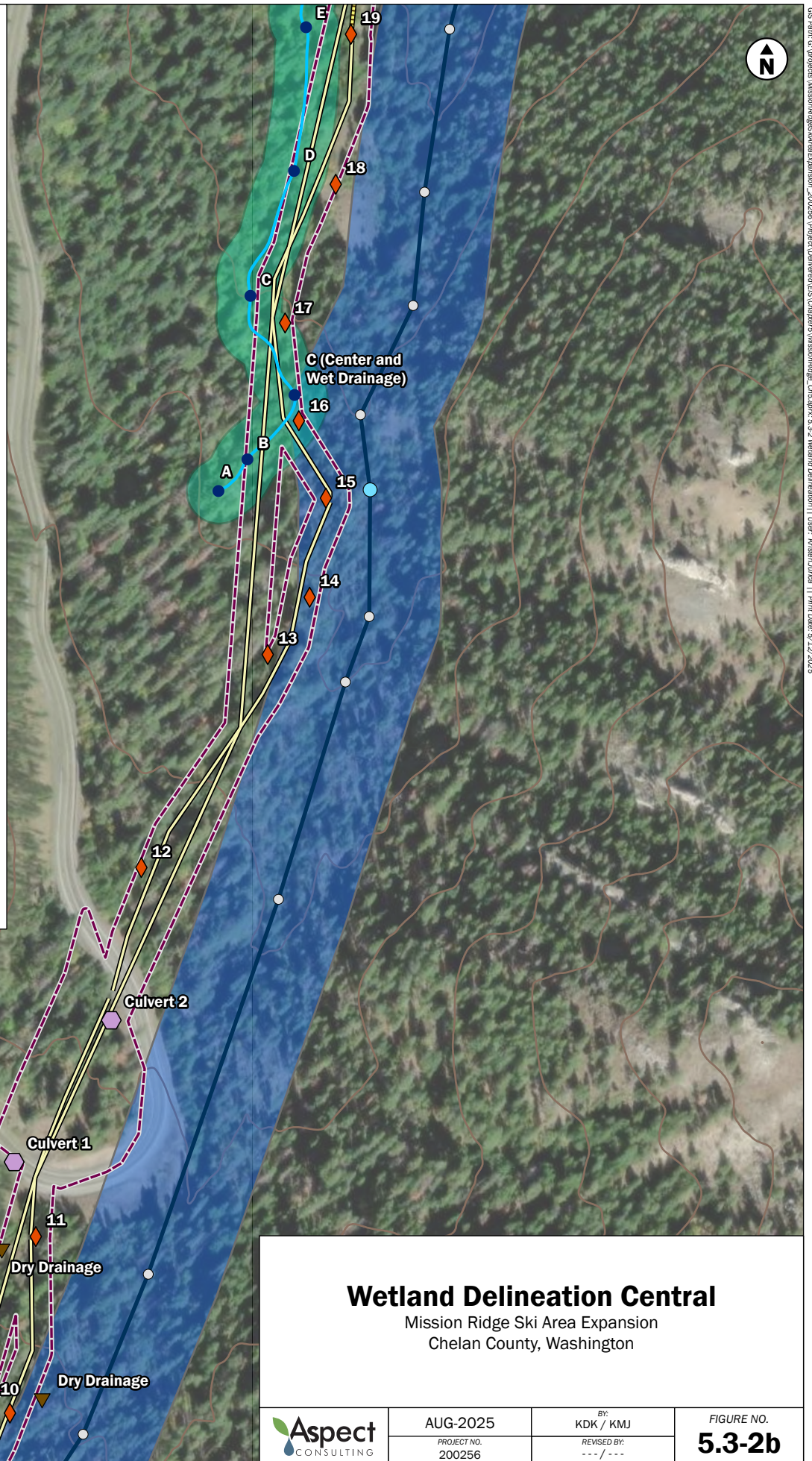
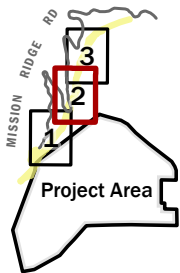
 Squilchuck Creek Buffer - 150 ft

 New Stream Buffer - 100 ft

Note:

1. OHWM = Ordinary High Water Mark

2. Squilchuck Creek as measured by site visit conducted on July 5, 2024 by Dennis Beich of Ecosystems North West WA.



Wetland Delineation Central

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025

PROJECT NO.
200256

BY:
KDK / KMJ

REVISED BY:
--- / ---

FIGURE NO.

5.3-2b

North Section

Utility Corridor

Power Line (Overhead)

Power Line (Underground)

Site Visit Features

Edge of Creek

Easement Point of Interest

Test Hole (TH)

Wetland Boundary

Stream Center

Dry Drainage

Squilchuck Creek²

New Stream

Wetland Boundary²

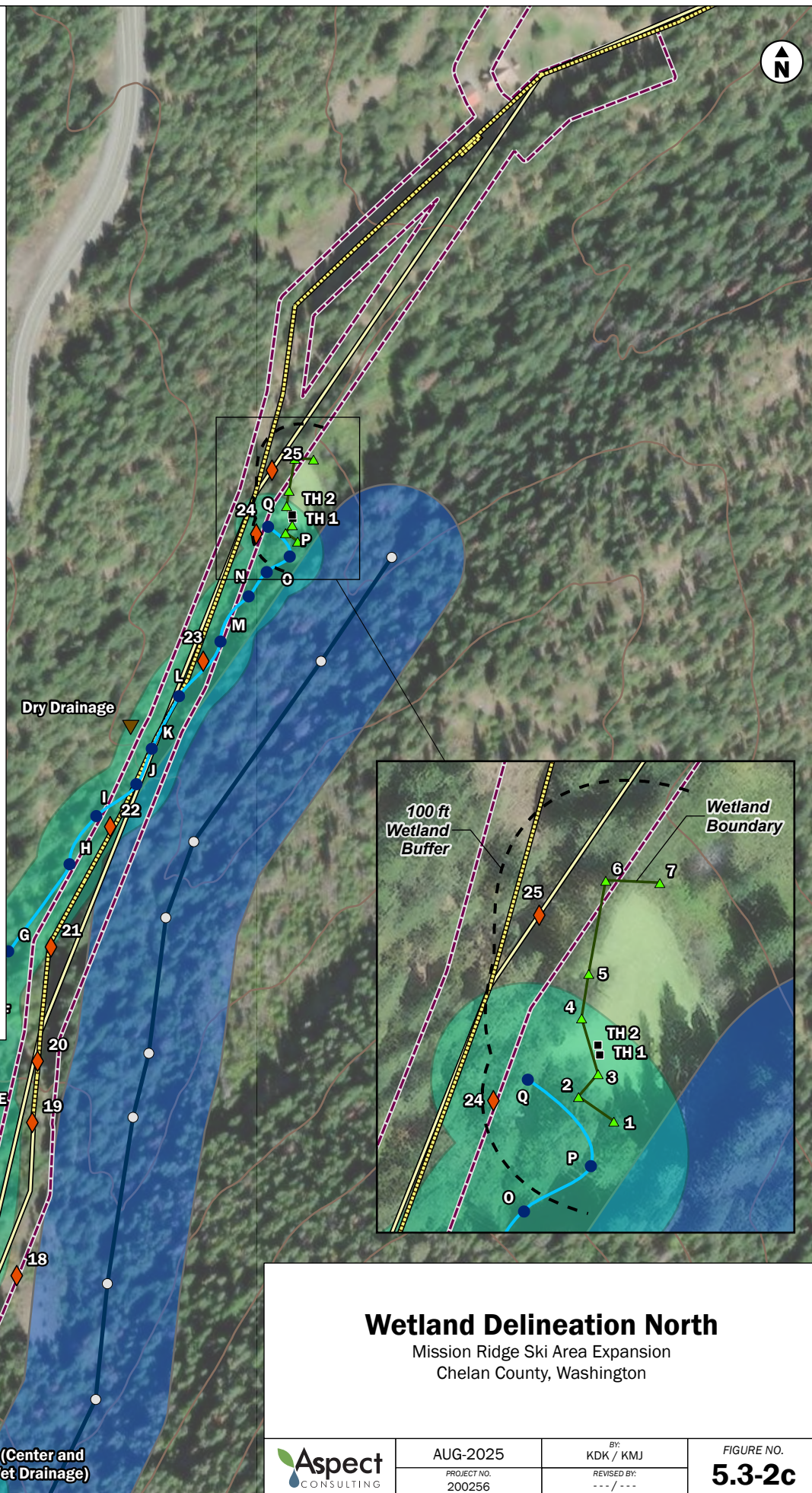
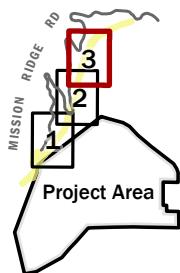
Squilchuck Creek Buffer - 150 ft

New Stream Buffer - 100 ft

Wetland Buffer - 100 ft

Note:

1. Squilchuck Creek as measured by site visit conducted on July 5, 2024 by Dennis Beich of Ecosystems North West WA.
2. Full wetland boundary was not mapped on site. Partial boundary shown.



Wetland Delineation North

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025

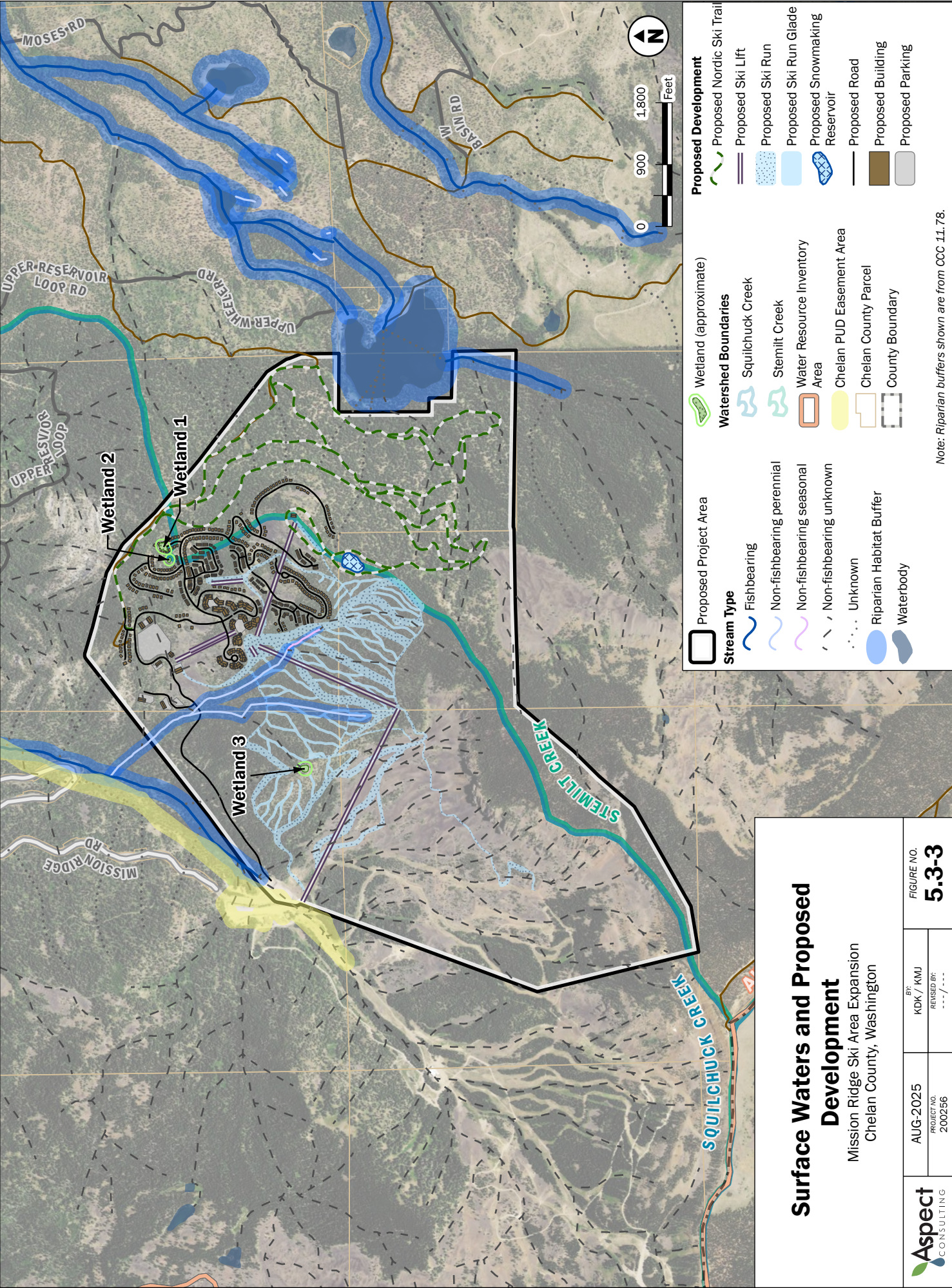
PROJECT NO.
200256

BY:
KDK / KMJ

REVISED BY:
--- / ---

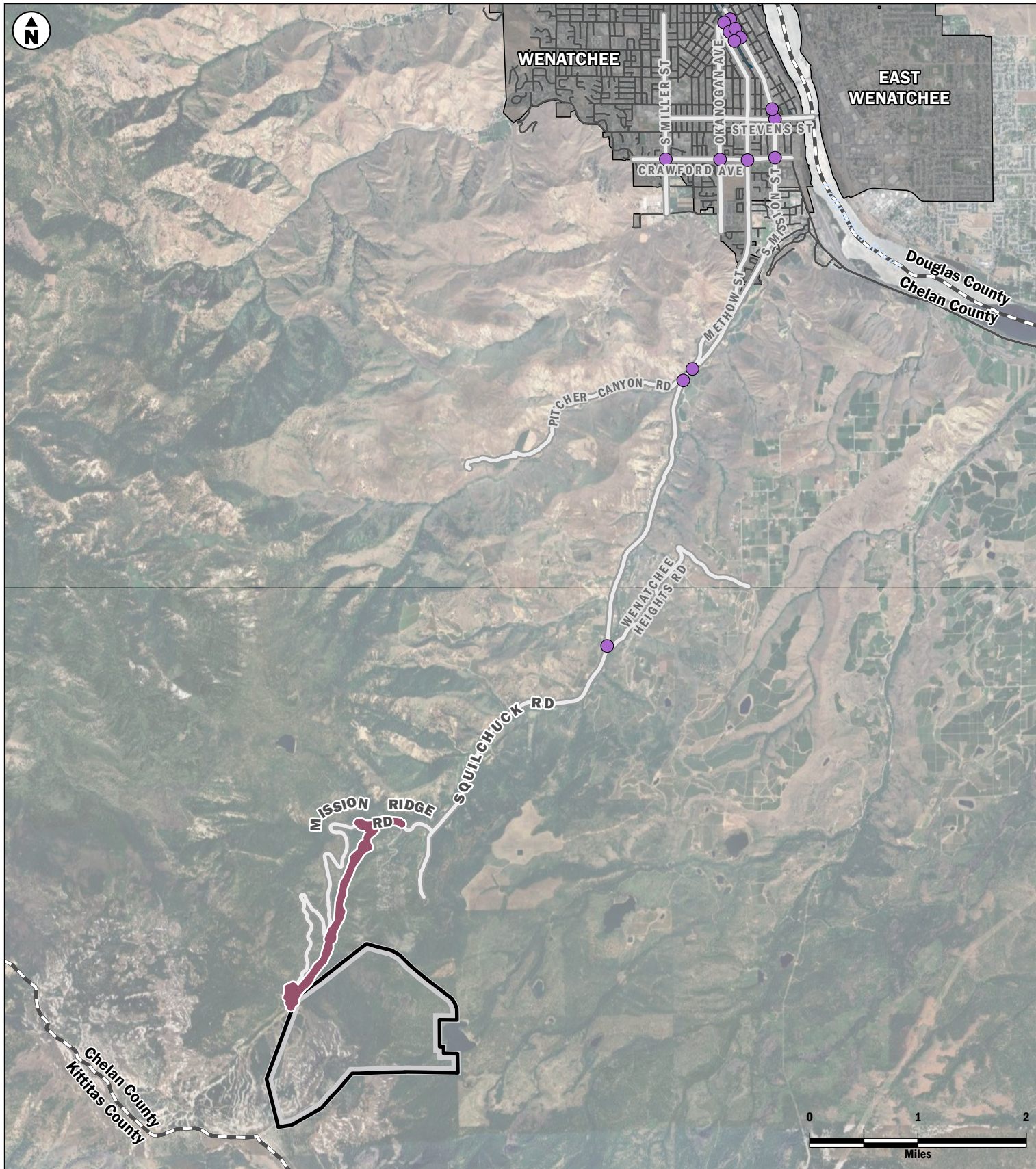
FIGURE NO.

5.3-2c



Surface Waters and Proposed Development
Mission Ridge Ski Area Expansion
Chelan County, Washington

Aspect CONSULTING	AUG-2025	BY: KDK / KMJ	FIGURE NO. 5.3-3
	PROJECT NO. 200256	REVISED BY: ---	



- TIA Study Intersection
- TIA Study Road
- Utility Corridor
- Proposed Project Area Boundary
- City Limits
- County Boundary

Note: TIA = Traffic Impact Analysis

Study Area Map

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025

PROJECT NO.
200256

BY:
DC / KMJ

REVISED BY:
--- / ---

FIGURE NO.

5.4-1

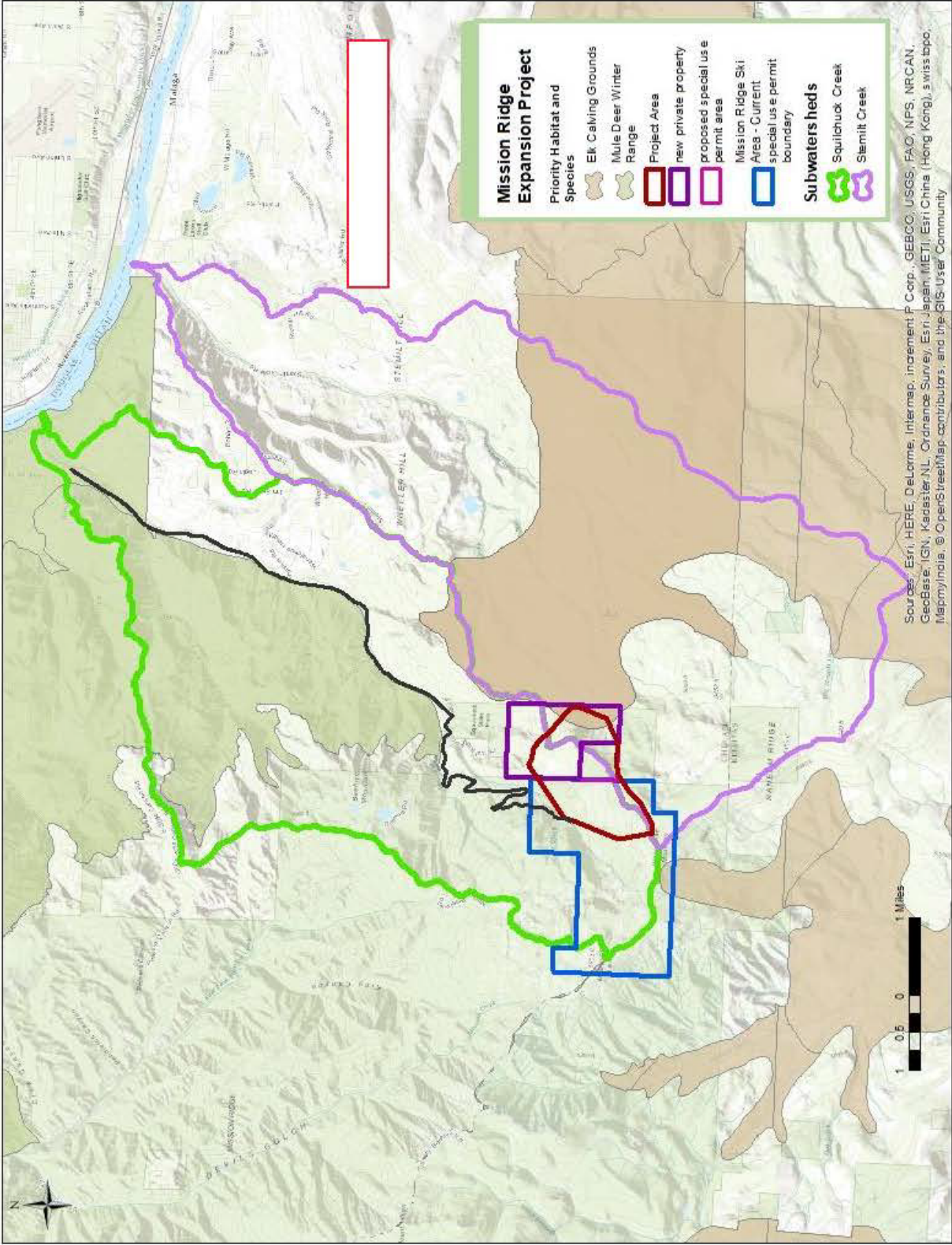
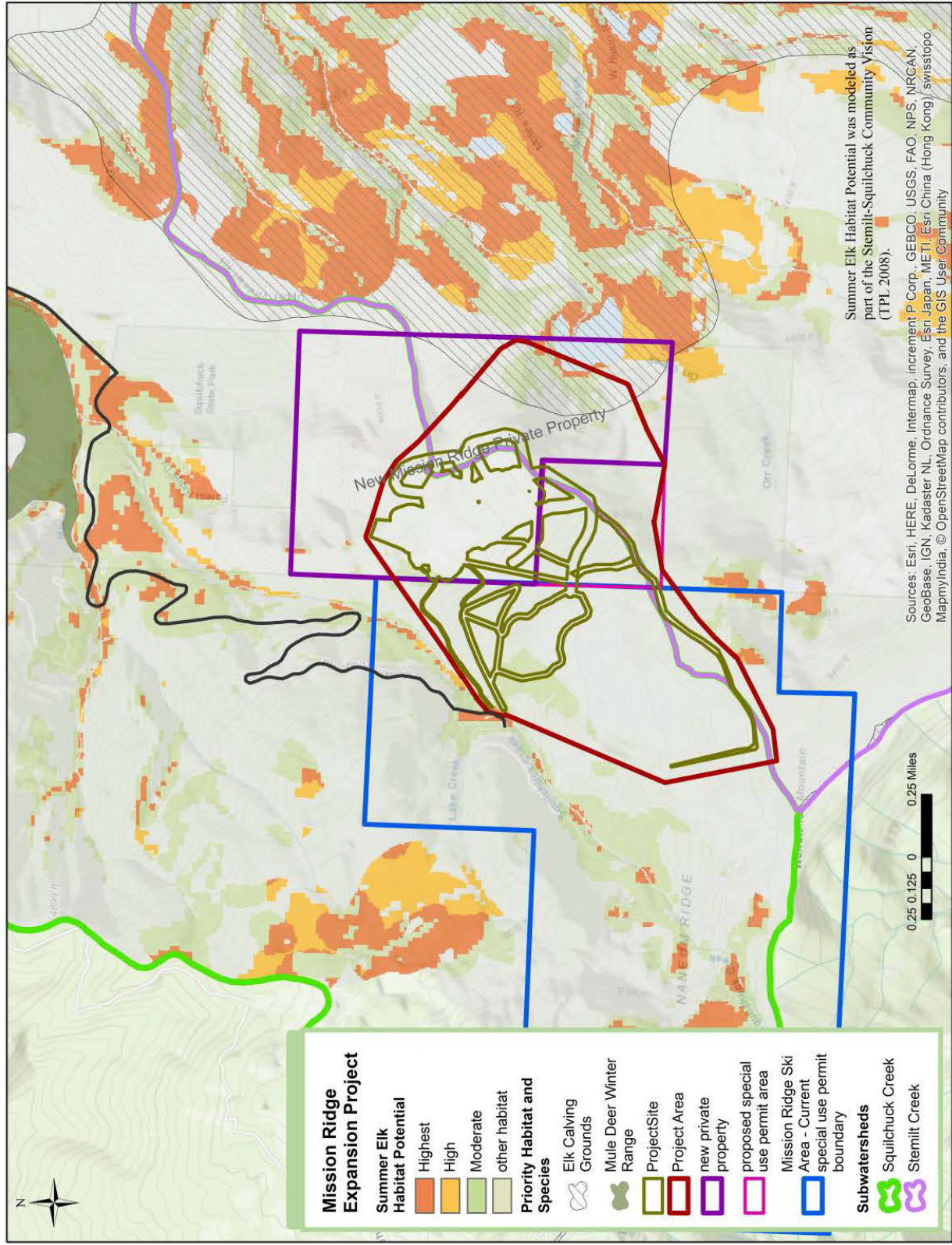


Figure Source: 2020 WCSI Report

Elk and Mule Deer Range-Calving in Project Vicinity

Mission Ridge Ski Area Expansion
Chelan County, Washington

	AUG-2025	BY: DC/WV	FIGURE NO.
	PROJECT NO. 200256	REVISED BY: ---	5.4-2



Elk Summer Habitat in Project Vicinity Mission Ridge Ski Area Expansion Chelan County, Washington



PROJECT NO. 200256	AUG-2025	BY: DC/WV	FIGURE NO. 5.4-3

Figure Source: 2020 WCSI Report

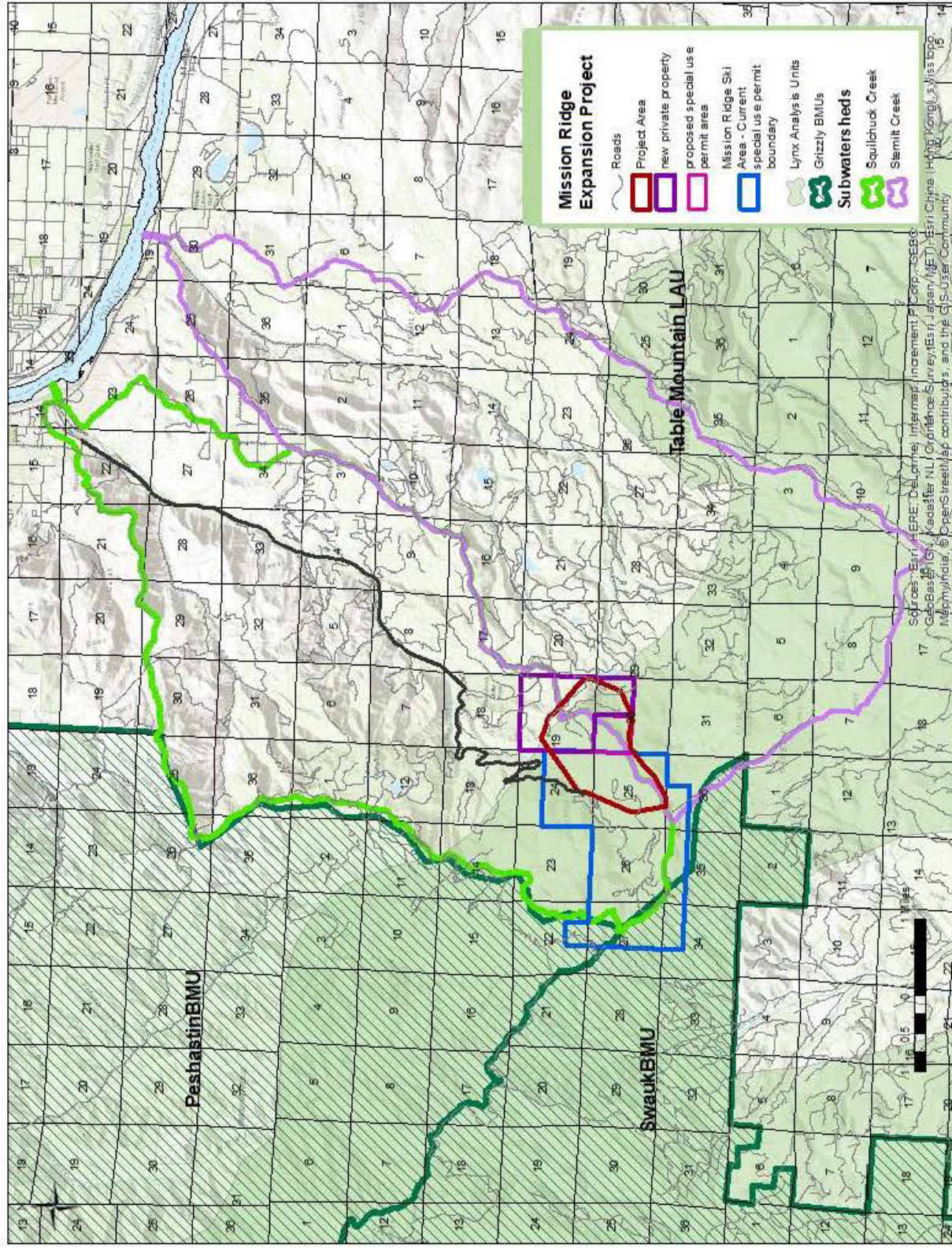


Figure Source: 2020 WCSI Report

Grizzly Bear and Lynx in Project Vicinity Mission Ridge Ski Area Expansion Chelan County, Washington



AUG-2025
PROJECT NO.
200256

BY:
DC/WV
REVISED BY:

FIGURE NO.
5.4-4

Mission Ridge Expansion Project

Existing invasive infestations and pathways of spread

Legend

- Centaurea diffusa Infestation
- Cirsium arvense Infestation
- Project Area Boundary
- Existing Ski Runs
- Existing Roads
- Existing Unofficial or Service Roads

Land Ownership

- US Forest Service
- Wa Dept. of Fish and Wildlife
- Wa Dept. of Natural Resources
- Private

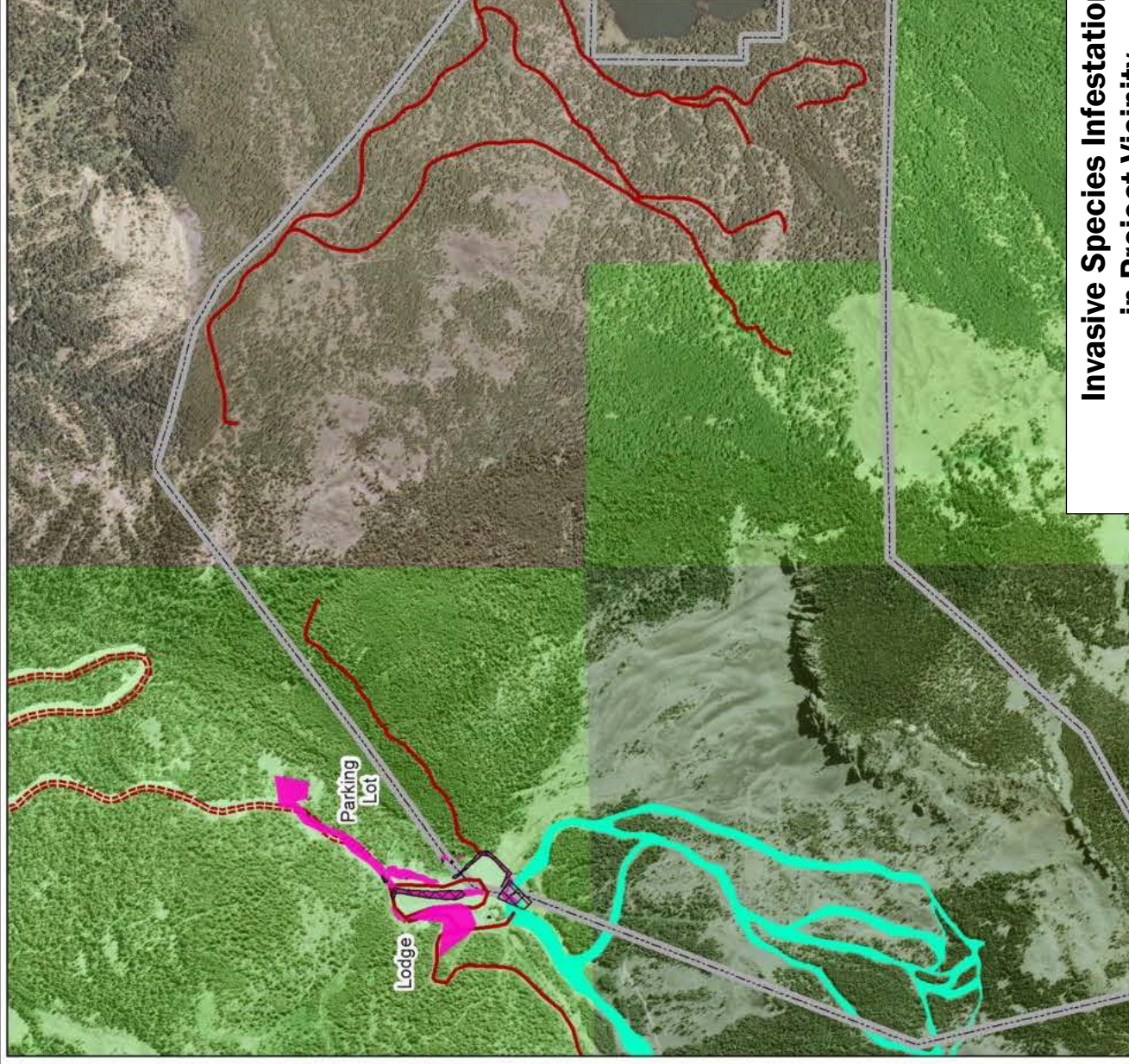


0 0.2 0.4 Miles

Scale 1:14,000

Draft 11/14/2019

Washington Conservation Science Inst. LLC



Invasive Species Infestations in Project Vicinity

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025
PROJECT NO.
200256

BY:
DC/WV
REVISED BY:

FIGURE NO.
5.4-5

Figure Source: 2020 WCSI Report

Mission Ridge Expansion Project

Forest types and unique features

Legend

- ▲ Rock outcrops
- Trees >32" DBH

Ridge

Wetland area

Aspen

Streams

Talus

Understory Reinitiation, PSME/LAOC

Young Forest Multi-Story, PSME/LAOC

Young Forest Multi-Story, ABLA2/LAOC

Understory Reinitiation, ABLA2/PIEN

Other forest structure/species

Project Area Boundary

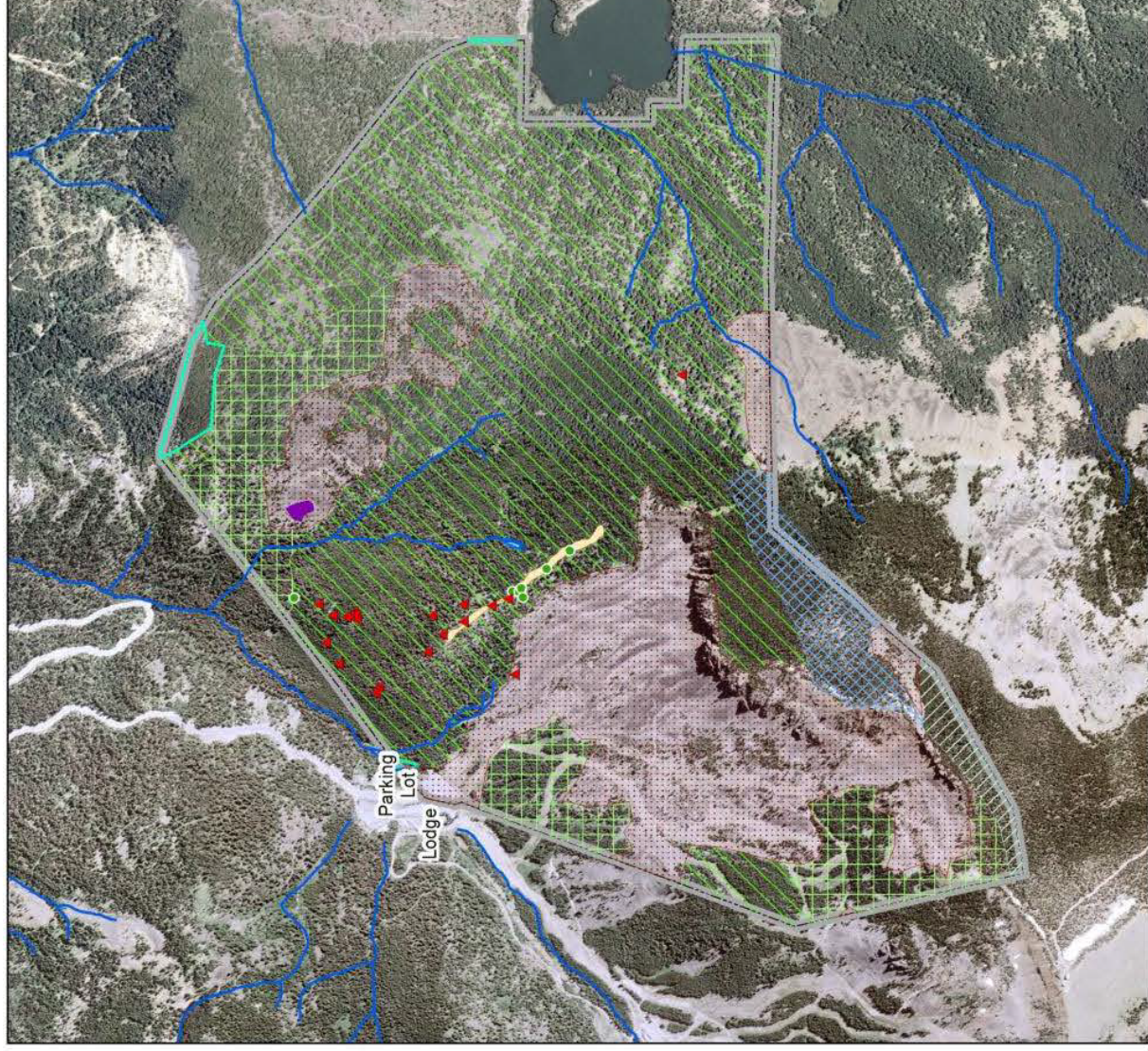


0 0.25 0.5 Miles

Scale 1:17,000

Draft 11/14/2019

Washington Conservation Science Inst. LLC



Special Plant Features in Project Vicinity

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025
PROJECT NO.
200256

BY:
DC/WV
REVISED BY:

FIGURE NO.
5.4-6

Figure Source: 2020 WCSI Report

Mission Ridge Expansion Project

- ▲

Whitebark pine
observed in 2022

▲

Whitebark pine
observed in 2019

■

Aspen patch

Invasive plant infestations

●

Carduus nutans

●

Centaurea diffusa

■

Cirsium arvense

□

Mission Ridge
private parcel

□

Development footprint

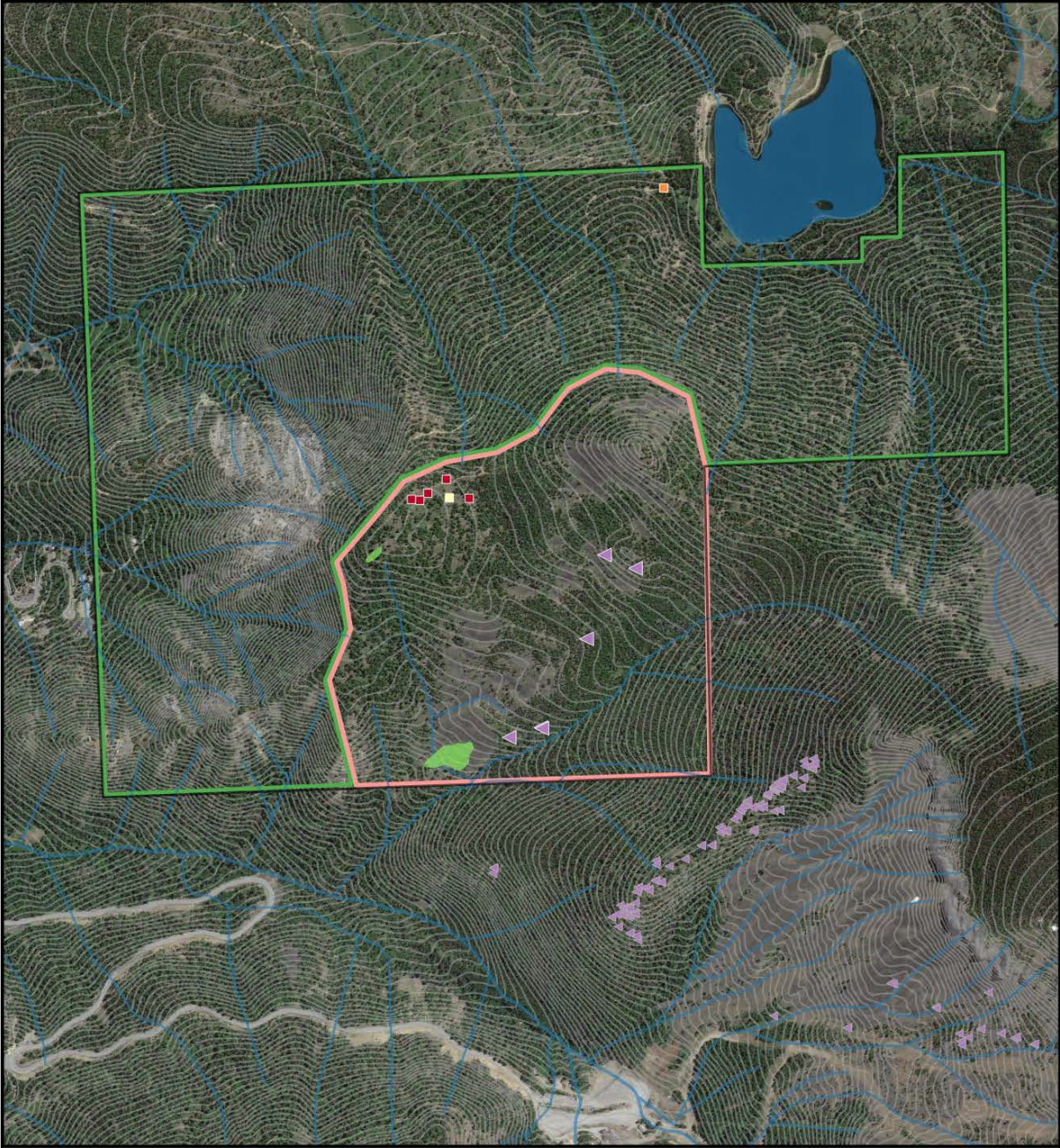
□

Approx. Conservation
Easement area

■

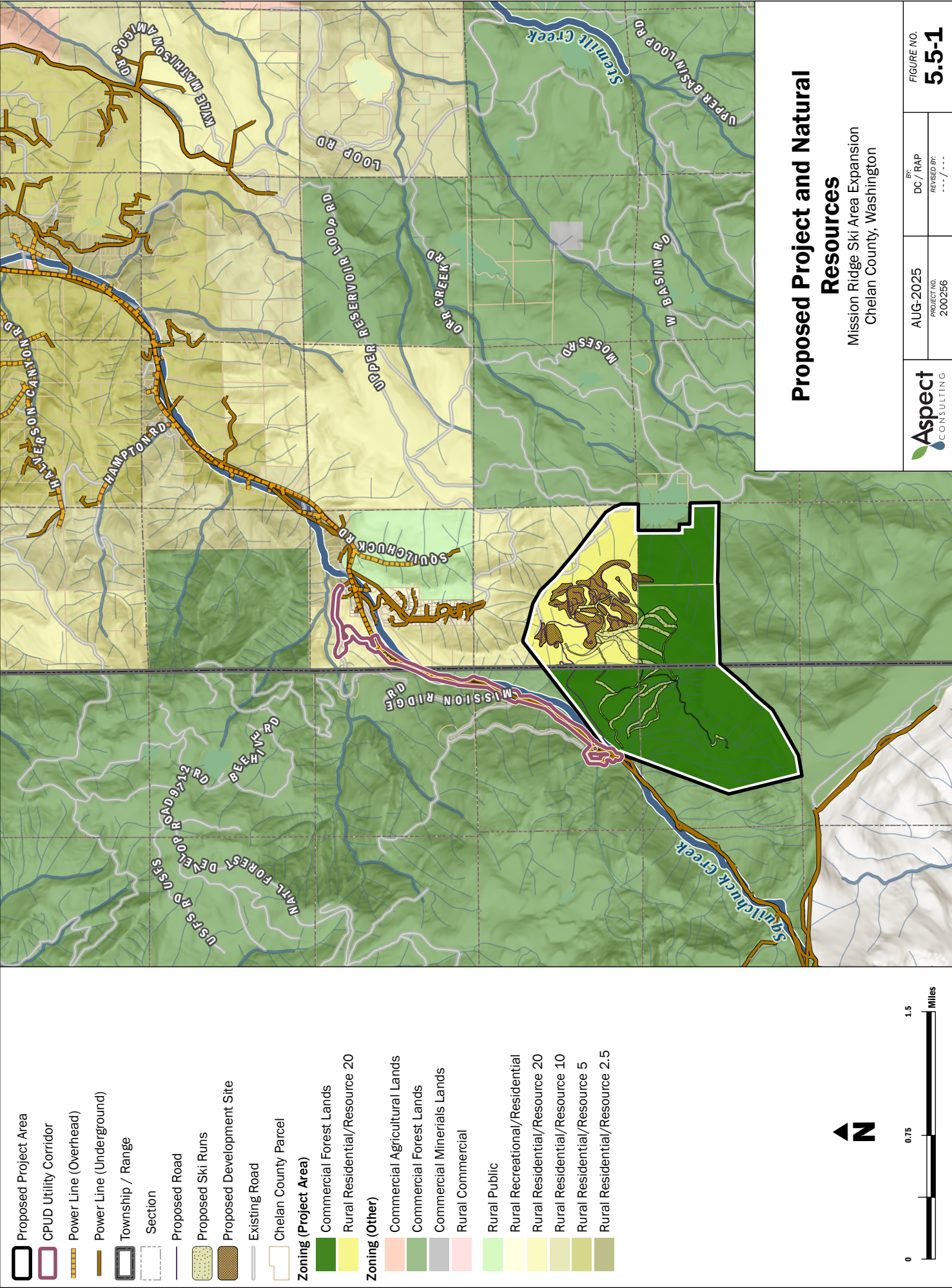
National Wetland Inventory
approx. riverine wetlands

0 0.1 0.2 0.3 0.4 0.5 mi



SEPA Botany Existing Conditions in Project Vicinity Mission Ridge Ski Area Expansion Chelan County, Washington				AUG-2025 PROJECT NO. 200256	BY: DC/WV REVISED BY: ---	FIGURE NO. 5.4-7
---	--	--	---	-----------------------------------	------------------------------------	----------------------------

Figure Source: 2020 WCSI Report



Proposed Project and Natural Resources

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025
PROJECT NO.
200256

BY:
DC / RAP
REVISED BY:
--- / ---

FIGURE NO.
5.5-1

Proposed Transportation Infrastructure Improvement in and Near Project Area

Mission Ridge Ski Area Expansion
Chelan County, Washington



BY:

BY: DK / KMJ

AUG-2025

PROJECT NO.
200256

FIGURE NO.

5.6-3



Squilchuck Road Traffic Collisions

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025

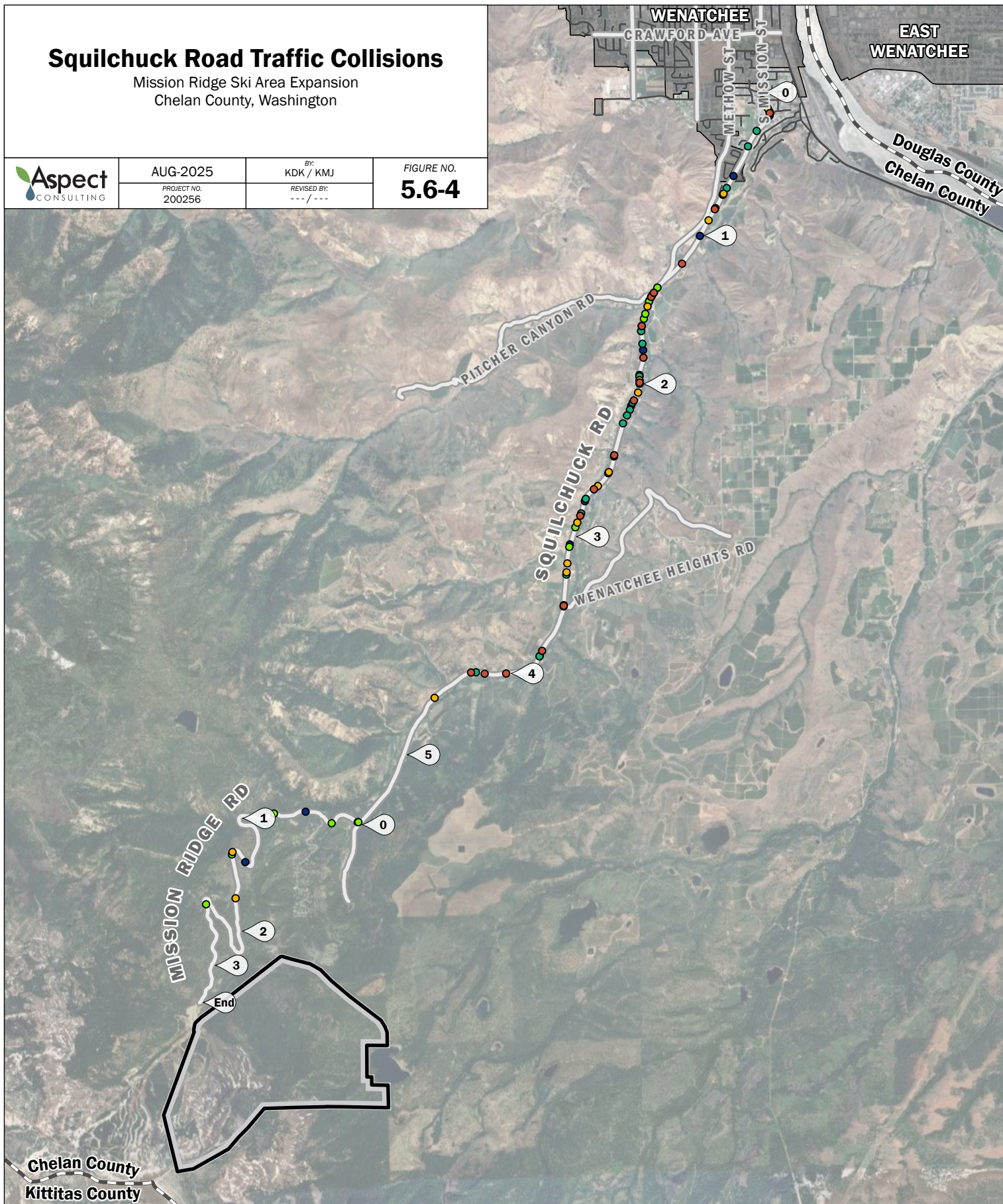
PROJECT NO.
200256

BY:
KDK / KMJ

REVISED BY:
--- / ---

FIGURE NO.

5.6-4



Traffic Collision Locations

- 2019 - 2024
- 2014 - 2018
- 2010 - 2013

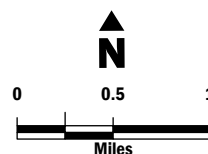
- 2005 - 2009
- 2001 - 2004

① Road Segment Marker

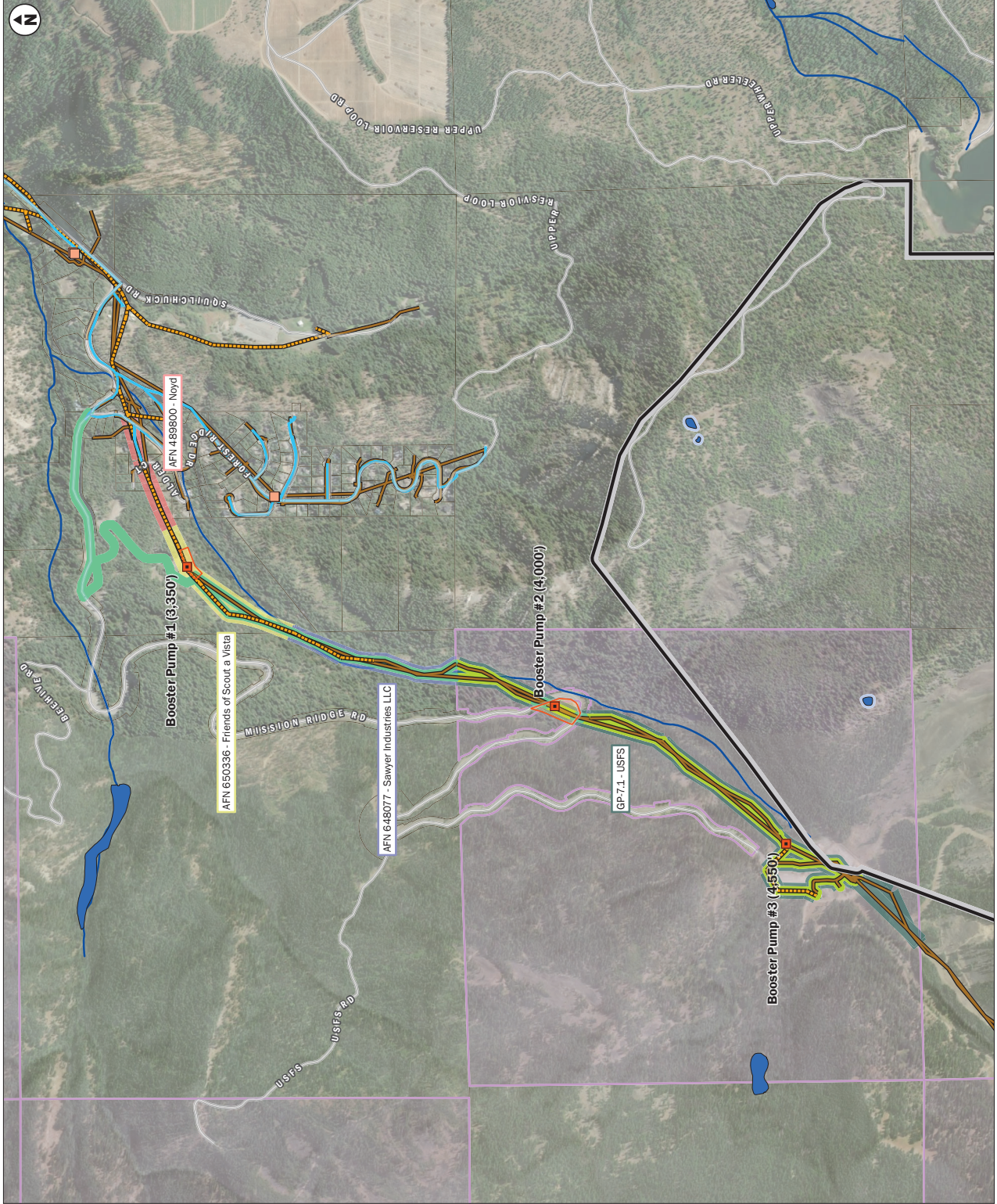
▭ Proposed Project Area

⊕ City Limits

⊕ County Boundary



Note: 268 collision records received from Chelan County Public Works; 2 records did not have GPS coordinates and are not shown in in Table or Figure. Only collision locations with dates from April 15 to October 15 shown.



- Proposed Project Area
- Power Line (Overhead)
- Power Line (Underground)
- Affected Environment
- Federal Land Ownership (13.77 acres)¹
- Private Land Ownership (13.80 acres)¹
- Approximate Booster Pump Footprints
- Easement
- Noyd²
- Friends of Scout a Vista³
- Sawyer Industries LLC⁴
- USFS⁵
- CCUPD Water Line
- CCUPD Proposed Booster Pump⁶
- CCUPD Existing Water System Pump
- Surveyed Wetland⁷
- National Wetlands Inventory
- Fishbearing Stream
- US Forest Service Parcel
- Chelan County Parcel
- Existing Road

Notes:

1. Based on correspondence from the PUD, a 30-foot width easement will be required from center line for underground utilities. We assume there is sufficient easement width along County roads.
2. AFN 459800 - Electric & Communications Easement. No stated easement width. Overhead except as necessary to support overhead utilities.
3. AFN 650336 - Electric & Communications Easement. No stated easement width. Overhead except as necessary to support overhead utilities.
4. AFN 648077 - Electric & Communications Easement. No stated easement width. Overhead and Underground as installed.
5. GP-7.1 - Electric only, Underground, 5' Width.
6. PUD estimates booster pump footprint at roughly a 100' x 100' footprint. Booster Pumps #1 and #2 to be sited in vicinity shown.
7. Wetlands surveyed by Applicant and USFS.



Mission Ridge Water and Fiber Utility Corridor

Mission Ridge Ski Area Expansion
Chelan County, Washington



AUG-2025
PROJECT NO.
200256

DC/ NLK
REVIEWED BY
KNU / DWH

FIGURE NO.
5.7-1