

ANNEX A. ELECTORAL AREA B EVACUATION ZONES

Overview

The following tear away sheets will provide the following information to support evacuation planning:

- Zone Map;
- Primary Use;
- Primary and Secondary Arterial Roads;
- Muster Points, Infrastructure, and Reception Centers;
- Estimated Evacuation Zone Details; and
- Planning Notes.

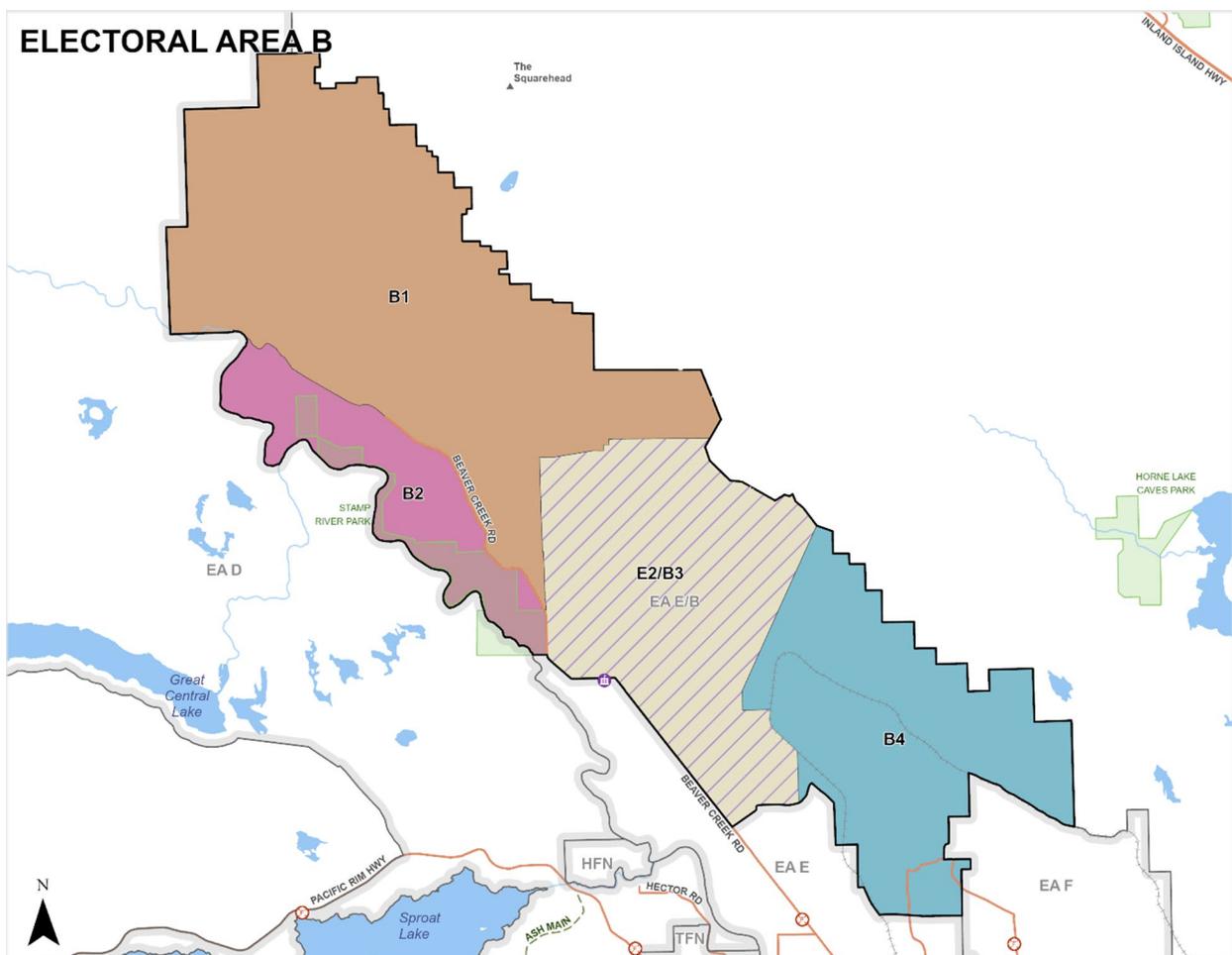


Figure 1: Electoral Area B Evacuation Zones Overview

The following notes apply to all the evacuation zones. This is important to interpret the data provided in the tear-away sheets correctly.

Estimated Single Vehicle Travel Time Through Zone

The travel time through the zone is calculated based on a reduced speed of 30km/hour.

Estimated Zone Evacuation Time

The zone evacuation time calculates how long it will take to evacuate the zone based on estimated population, average vehicle capacity, longest expected drive through the zone, road density (average vehicle length plus average vehicle gap), and the time it will take for that road density to pass through the zone at the expected speed of 30 km/hr.

Destinations / Reception Centres

The evacuation plan is focused on evacuations within the Alberni Valley. Potential evacuation destinations and reception centres may be identified for awareness of each evacuation zone. However, these need to be verified and determined on a case-by-case basis based on the type of emergency and emergency social service needs.

Muster Points

Limited or no muster points were identified for the evacuation zones. These should be identified based on the type of emergency, the direction of evacuations, and available staffing and resources in the area to implement as required.



A.1 ZONE #B1

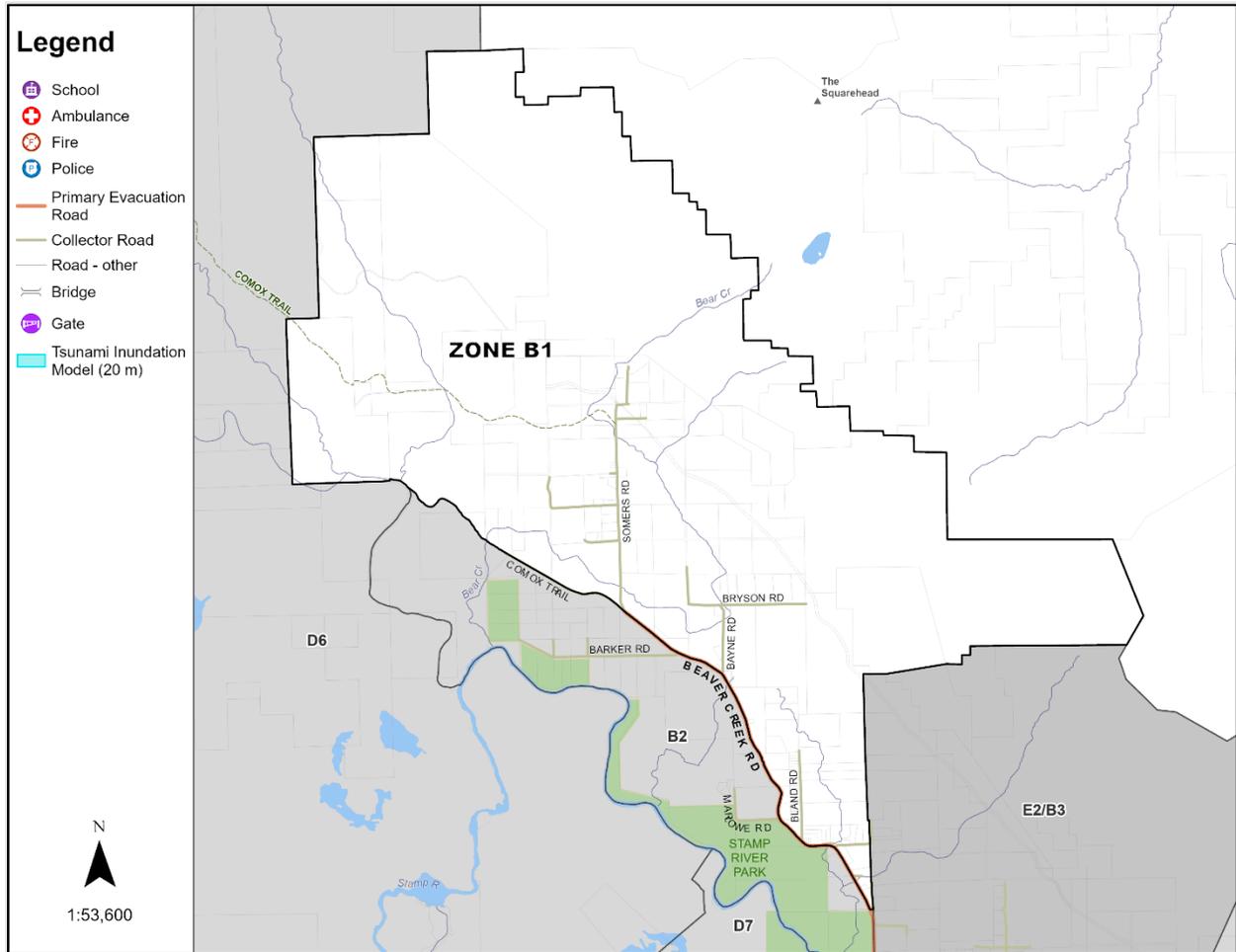


Figure 2: Zone #B1 Map

PRIMARY USE

The zone is rural with farmland and extensive forest cover. There are limited residential areas.

PRIMARY & SECONDARY ARTERIAL ROADS

Primary Road: Beaver Creek Rd

Secondary Roads:

- Miller Rd
- Paetz Rd
- Bland Rd
- Bayne Rd
- Bryson Rd
- Hedman Rd
- Somers Rd
- Somers Pit Rd
- High Valley Rd
- Falcon Rd
- Comox Trail

MUSTER POINTS, INFRASTRUCTURE & EVACUATION DIRECTIONS

Item	Description
Muster Points	<ul style="list-style-type: none"> Beaver Creek Community Club
Critical Infrastructure	<ul style="list-style-type: none"> Beaver Creek Rd and Somers Rd
Evacuation Direction	<ul style="list-style-type: none"> South: Residents can evacuate south via Somers Rd and Beaver Creek Rd into Port Alberni. Once they connect to Highway 4, they can travel along the valley in any direction, depending on their final destination. This route has the evacuees cross through Electoral Area E. East: Residents can evacuate east by heading south via Somers Rd and Beaver Creek Rd and turning east on Smith Rd. This route can lead evacuees into Electoral Area F, depending on the roads taken. North: Residents can head north via Beaver Creek Rd, turn right on to Somers Rd and turn left on to Comox Main. Coordination is required with Mosaic Forest Management for this route. Mosaic Forest Management routes have gates along them which may be locked at any time.
Potential Reception Centre	<ul style="list-style-type: none"> Alberni Valley: Echo 67' Community Centre, Alberni Athletic Hall, Sproat Lake Community Hall, Beaver Creek Community Hall, Cherry Creek Community Hall, Trinity Church.

ESTIMATED TIME TO EVACUATE THIS ZONE IN HOURS:

Item	Description
Estimated Population	219
Estimated Single Vehicle Travel Time Through Zone	17 min
Estimated Zone Evacuation Time	35 min

All times are approximate and for planning purposes only. They do not include the advance time required to develop and distribute information to the public. Evacuations are dynamic, and times are influenced by factors that may not be apparent during planning activities. The EOC should rely on the subject matter experts available during an evacuation for guidance.

KEY CONSIDERATIONS

Tsunami/Somass Watershed: Tsunami and Somass Watershed modelling show the zone is not susceptible to impacts from rising water levels.

Beaver Creek Rd: The road is a primary transportation corridor for Electoral Area B and E into Port Alberni. If multiple zones require evacuation, impacts on Beaver Creek Road can be mitigated through phasing. Coordination between local authorities should be initiated to reduce impacts on the population and support an effective evacuation. For large evacuations, traffic control at Beaver Creek Road and Highway 4 should be considered.



Mosaic Forest Management: The zone could evacuate north through Mosaic roads via Comox Main. There is a gate on that road at the 0.5km mark. If evacuating north is considered, coordination is needed with Mosaic to ensure the gate is open.

Log Train Trail: This trail is a popular hiking and walking trail. The EOC should anticipate recreational users on this trail.



A.2 ZONE #B2

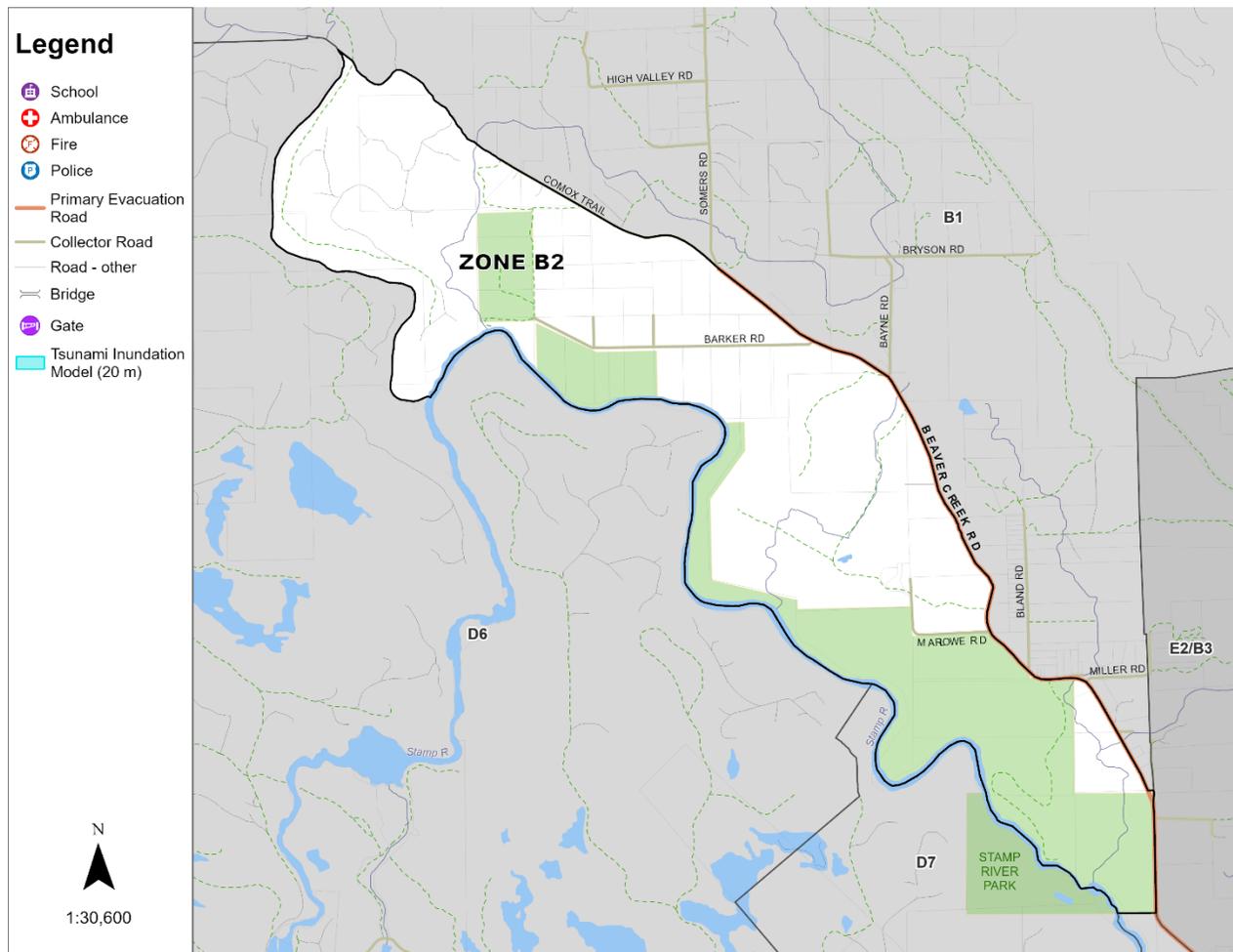


Figure 3: Zone #B2 Map

The zone is rural with farmland and extensive forest cover. There are limited residential areas on secondary roads off Beaver Creek Rd. The zone is home to Stamp River Provincial Park.

PRIMARY & SECONDARY ARTERIAL ROADS

Primary Road: Beaver Creek Rd

Secondary Roads:

- Comox Trail
- Barker Rd
- Marlowe Rd

MUSTER POINTS, INFRASTRUCTURE & EVACUATION DIRECTIONS

Item	Description
Muster Points	<ul style="list-style-type: none"> N/A
Critical Infrastructure	<ul style="list-style-type: none"> Beaver Creek Rd Stamp River Provincial Park
Evacuation Direction	<ul style="list-style-type: none"> South: Residents can evacuate south via Beaver Creek Rd into Port Alberni. Once they connect to Highway 4, they can travel along the valley in any direction, depending on their final destination. This route has the evacuees cross through Electoral Area E. East: Residents can evacuate east by heading south on Beaver Creek Rd and turning east on Smith Rd. This route can lead evacuees into Electoral Area F, depending on the roads taken. North: Residents can head north via Beaver Creek Rd, turn right on to Somers Rd and turn left on to Comox Main. Coordination is required with Mosaic Forest Management for this route. If the EOC anticipates using Mosaic Forest Management roads for egress, it should be assumed roads are gated and coordination with Mosaic is required.
Potential Reception Centre	<ul style="list-style-type: none"> Alberni Valley: Echo 67' Community Centre, Alberni Athletic Hall, Sproat Lake Community Hall, Beaver Creek Community Hall, Cherry Creek Community Hall, Trinity Church.

ESTIMATED TIME TO EVACUATE THIS ZONE IN HOURS:

Item	Description
Estimated Population	26
Estimated Single Vehicle Travel Time Through Zone	16 min
Estimated Zone Evacuation Time	25 min

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KEY CONSIDERATIONS

Tsunami/Somass Watershed: Tsunami and Somass Watershed modelling show the zone is not susceptible to impacts from rising water levels.

Dam Breach: Elsie Lake dam breach modelling shows this zone is susceptible to impacts. Evacuation planning due to a dam breach should refer to Elsie Lake dam breach modelling for impact area.

Beaver Creek Rd: The road is a primary transportation corridor for Electoral Area B and E into Port Alberni. If multiple zones require evacuation, impacts on Beaver Creek Road can be mitigated through phasing. Coordination between local authorities should be initiated to reduce impacts on the population and support



an effective evacuation. For large evacuations, traffic control at Beaver Creek Road and Highway 4 should be considered.

Stamp River Provincial Park: The Park has 23 overnight vehicle-accessible campsites and offers winter camping offseason. Coordination may be needed with BC Parks to communicate evacuation notices.

Mosaic Forest Management: The zone could evacuate north through Mosaic roads via Comox Main. There is a gate on that road at the 0.5km mark. If evacuating north is considered, coordination is needed with Mosaic to ensure the gate is open.



MUSTER POINTS, INFRASTRUCTURE & EVACUATION DIRECTIONS

Item	Description
Muster Points	<ul style="list-style-type: none"> N/A
Critical Infrastructure	<ul style="list-style-type: none"> Beaver Creek Rd Bainbridge Rd Cameron Rd Smith Rd
Evacuation Direction	<ul style="list-style-type: none"> South: Residents can evacuate south by connecting to Beaver Creek Rd and following it south into Port Alberni. Once they connect to Highway 4, they can travel along the valley in any direction, depending on their final destination. East: Residents can evacuate east by heading south on Beaver Creek Rd and turning east on Smith Rd. This route can lead evacuees into Electoral Area F, depending on the roads taken. North: Residents can head north via Beaver Creek Rd, turn right on to Somers Rd and turn left on to Comox Main. Coordination is required with Mosaic Forest Management for this route. If the EOC anticipates using Mosaic Forest Management roads for egress, it should be assumed roads are gated and coordination with Mosaic is required.
Potential Reception Centre	<ul style="list-style-type: none"> Alberni Valley: Echo 67' Community Centre, Alberni Athletic Hall, Sproat Lake Community Hall, Beaver Creek Community Hall, Cherry Creek Community Hall, Trinity Church.

ESTIMATED TIME TO EVACUATE THIS ZONE IN HOURS:

Item	Description
Estimated Population	352
Estimated Single Vehicle Travel Time Through Zone	17 min
Estimated Zone Evacuation Time	35 min

All times are approximate and for planning purposes only. They do not include the advance time required to develop and distribute information to the public. Evacuations are dynamic, and times are influenced by factors that may not be apparent during planning activities. The EOC should rely on the subject matter experts available during an evacuation for guidance.

KEY CONSIDERATIONS

Electoral Area Boundary: This zone incorporates residents within two different Electoral Areas. The EOC should ensure communication is clear to limit confusion for residents.

Tsunami/Somass Watershed: Tsunami and Somass Watershed modelling show the zone is not susceptible to impacts from rising water levels.

Beaver Creek Rd: The road is a primary transportation corridor for Electoral Area B and E into Port Alberni. If multiple zones require evacuation, impacts on Beaver Creek Road can be mitigated through phasing. Coordination between local authorities should be initiated to reduce impacts on the population and support



an effective evacuation. For large evacuations, traffic control at Beaver Creek Road and Highway 4 should be considered.

Mosaic Forest Management: The zone could evacuate north through Mosaic roads via Comox Main. There is a gate on that road at the 0.5km mark. If evacuating north is considered, coordination is needed with Mosaic to ensure the gate is open.

Log Train Trail: This trail is a popular hiking and walking trail. The EOC should anticipate recreational users on this trail.

Beaver Creek Rd: The road is a primary transportation corridor for Electoral Area B and E into Port Alberni. If multiple zones require evacuation, impacts on Beaver Creek Road can be mitigated through phasing. Coordination between local authorities should be initiated to reduce impacts on the population and support an effective evacuation. Traffic control at Beaver Creek Road and Highway 4 should be considered for large evacuations.



A.4 ZONE #B4

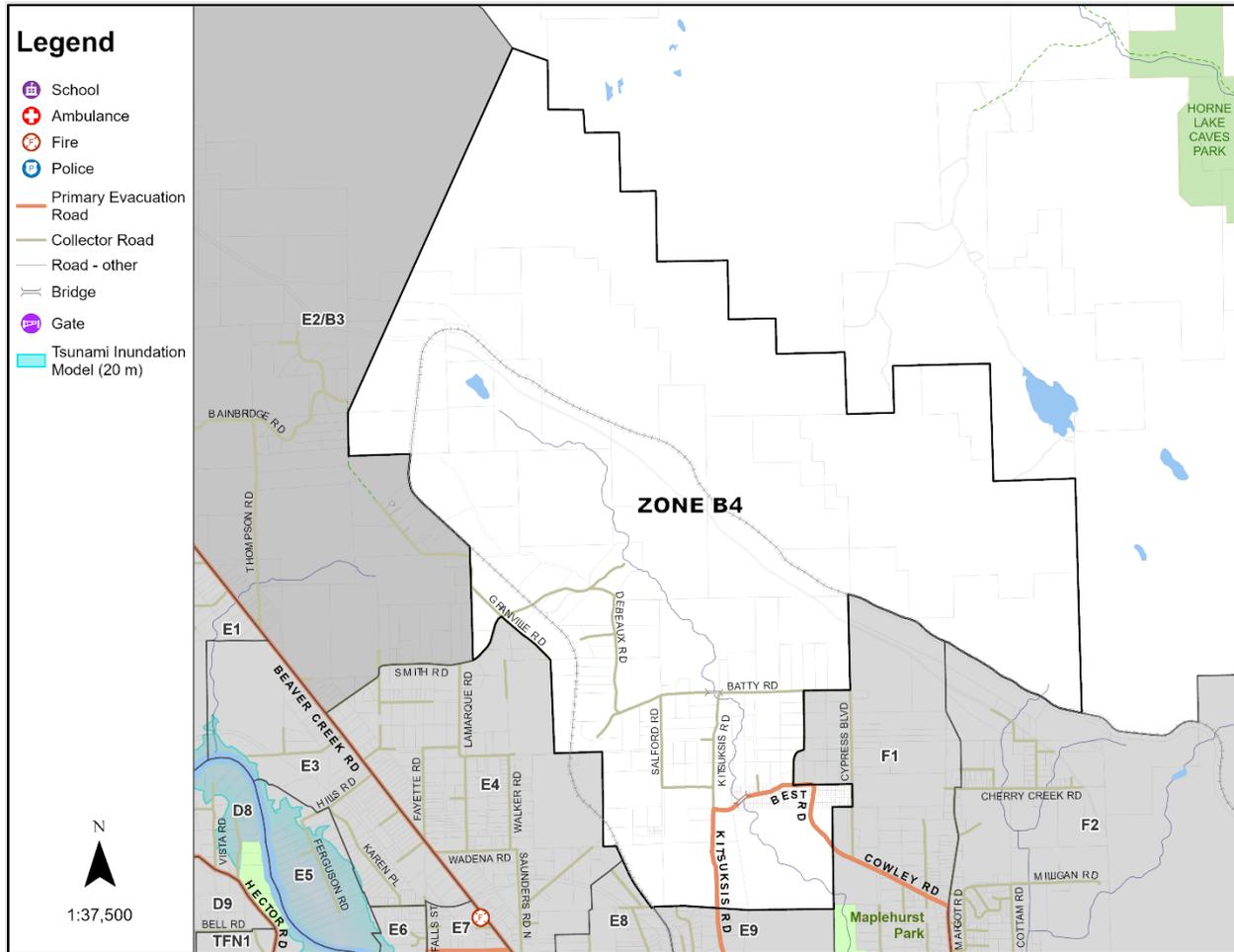


Figure 5: Zone #B4 Map

PRIMARY USE

The zone is rural with farmland and extensive forest cover. There are limited residential areas. This area is home to the McLean Mill National Historic Site and may have visitors and staff on site. Visitors may be dependent on transportation if they have accessed the McLean Mill via the train and early notification and coordination may be required.

PRIMARY & SECONDARY ARTERIAL ROADS

Primary Road: Kitsuksis Rd, Batty Rd, and Smith Rd

Secondary Road:

- Wednesbury St
- Warren St
- Debeaux Rd
- Madill Rd
- Salford Rd
- Kingston St
- Best Rd

MUSTER POINTS, INFRASTRUCTURE & EVACUATION DIRECTIONS

Item	Description
Muster Points	<ul style="list-style-type: none"> • N/A
Critical Infrastructure	<ul style="list-style-type: none"> • Kitsuksis Rd • Batty Rd • Smith Rd • McLean Mill
Evacuation Direction	<ul style="list-style-type: none"> • South: Residents can evacuate south via Kitsuksis Rd into Electoral Area E and through other roads into Port Alberni. Depending on their final destination, they can reach Highway 4. • East: Residents can evacuate east via Batty Rd into Electoral Area F. • West: Residents can evacuate west by following Deveaux Rd north and heading west on Smith Rd. They will eventually reach Beaver Creek Rd and can head north or south, depending on the final destination. • North: Residents can evacuate north once they connect to Beaver Creek Rd and follow it north, turn right on to Somers Rd and turn left on to Comox Main. Coordination is required with Mosaic Forest Management. If the EOC anticipates using Mosaic Forest Management roads for egress, it should be assumed roads are gated and coordination with Mosaic is required.
Potential Reception Centre	<ul style="list-style-type: none"> • Alberni Valley: Echo 67' Community Centre, Alberni Athletic Hall, Sproat Lake Community Hall, Beaver Creek Community Hall, Cherry Creek Community Hall, Trinity Church.

ESTIMATED TIME TO EVACUATE THIS ZONE IN HOURS:

Item	Description
Estimated Population	154
Estimated Single Vehicle Travel Time Through Zone	4 min
Estimated Zone Evacuation Time	20 min

All times are approximate and for planning purposes only. They do not include the advance time required to develop and distribute information to the public. Evacuations are dynamic, and times are influenced by factors that may not be apparent during planning activities. The EOC should rely on the subject matter experts available during an evacuation for guidance.

KEY CONSIDERATIONS

Electoral Area Boundary: The western boundary of this zone does not extend to the full boundary of the Electoral Area. The southeastern area of this zone exceeds the boundary of the electoral area and



encroaches into Electoral Area F. The EOC should ensure communication is clear to limit confusion for residents.

Tsunami/Somass Watershed: Tsunami and Somass Watershed modelling show the zone is not susceptible to impacts from rising water levels.

Beaver Creek Rd: This zone is not directly connected to this road, but if evacuees head east, they will connect to it. The road is a primary transportation corridor for Electoral Area B and E into Port Alberni. If multiple zones require evacuation, impacts on Beaver Creek Road can be mitigated through phasing. Coordination between local authorities should be initiated to reduce impacts on the population and support an effective evacuation. For large evacuations, traffic control at Beaver Creek Road and Highway 4 should be considered.

Mosaic Forest Management: The zone could evacuate north if it reaches Beaver Creek Rd and follows it north to follow Mosaic roads via Comox Main. There is a gate on that road at the 0.5km mark. If evacuating north is considered, coordination is needed with Mosaic to ensure the gate is open.

Log Train Trail: This trail is a popular hiking and walking trail. The EOC should anticipate recreational users on this trail.

