

DISTRICT OF LAKE COUNTRY

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DEVELOPMENT PERMIT AREA GUIDELINES CHECKLISTS

DEVELOPMENT PERMIT AREA (IN ALPHABETICAL ORDER):

Applicants are encouraged to insert relevant comments in each section to describe the proposed development.

GREENHOUSE GAS REDUCTION AND RESOURCE CONSERVATION

Consideration has been given to the following issues as identified in Section 21.13 of the Official Community Plan relating to the Greenhouse Gas Reduction and Resource Conservation Development Permit Areas:

		/				
Has site density been maximized for subdivisions?	Yes	₽́	No		N/A	
Has the building footprint been minimized in order to allow for maximum green space?	Yes		No		N/A	
Have lots been oriented to maximize solar orientation of building envelopes? Have buildings been oriented to maximize solar gain?	Yes		No	⊠⁄	N/A	
Is the subdivision laid out to minimize the length and amount of infrastructure (such as sewer & water lines and roads)?	Yes		No		N/A	
Does the layout allow for alternative transportation options and transit?	Yes		No		N/A	
Is the subdivision laid out to maximize site connectivity to nearby amenities and services?	Yes	ø	No		N/A	
Do the materials and colors used in building construction minimize heat absorption? Is the roof not a dark color?	Yes		No	Ø	N/A	
Are large windows sheltered by overhangs which maximize solar input during winter months?	Yes	Ø	No		N/A	
Do proposed buildings incorporate green roofs, living walls or other measures to reduce heat gains caused by hard surfaces?	Yes		No	₽⁄	N/A	
Are alternative energy sources being proposed in large scale structures?	Yes		No	V	N/A	
Do buildings have a south oriented roof to allow for future use of solar panels?	Yes		No	Ø	N/A	
Are there opportunities for natural ventilation and airflow incorporated into the building?	Yes	Ø	No		N/A	
Do building materials encourage thermal massing and seasonal thermal energy storage?	Yes	Q.	No		N/A	
Are building envelopes well sealed and energy efficient?	Yes	Ø,	No		N/A	
Is vegetation low maintenance and require minimal irrigation?	Yes	Ø	No		N/A	
Is the enhanced landscaping located along the south and west facing parcel boundaries to create shade?	Yes	ď	No		N/A	
Is rainwater recycling included in landscape designs?	Yes		No		N/A	
Have porous material been maximized throughout the landscaping?	Yes	Ø	No		N/A	
Do water features use recirculation systems as opposed to once through systems?	Yes		No		N/A	R
Are opportunities for local food production and public food gardens incorporated into larger developments and subdivisions?	Yes		No	Ø	N/A	

<u>HILLSIDE</u>

Consideration has been given to the following issues as identified in Section 21.10 of the Official Community Plan relating to Hillside Development Permit Areas:

	1	1	r	1	1	
Views and Ridgeline Guidelines			<u>}</u>			+
Does the proposal avoid developing on or alteration of ridgelines?	Yes	Ø	No		N/A	
Are the structures setback a minimum of 10m from ridgelines?	Yes	9	No		N/A	
Is the structure designed so as not to impede the views from upland properties?		0	No		N/A	
Are lots staggered in order to create offset building envelopes to protect views?	Yes	র্থ	No		N/A	
Does the natural character of the hillside remain, i.e. is the residences and structures not the dominant feature?	Yes	Ø	No		N/A	
Site Guidelines						1
Has the natural topography been incorporated into the project to minimize site disturbance and blasting?		œ⁄	No		N/A	
Do the proposed contours and gradients resemble natural occurring terrain?	Yes	4	No		N/A	
Does the proposal avoid major cut and fills intended to create a buildable lot or flat yards?	Yes		No		N/A	
Do the driveway grades follow the natural terrain?	Yes		No		N/A	
Are manufactured slopes placed behind buildings and are natural slopes mimicked?	Yes	Ø	No		N/A	
Have rock cuts been used instead of retaining walls where necessary (i.e. for roads)? Has consideration been given for visual impact of the exposed rock faces?	Yes		No		N/A	ত
Is lot grading provided on a consistent, comprehensive basis throughout the whole of the development?		Ø	No		N/A	
Have the manufactured slopes been re-vegetated to reflect natural conditions?	Yes	Ø	No		N/A	
Site Guidelines - Retaining Walls						
Are retaining walls minimized in order to decrease site disturbance?	Yes	Ø	No		N/A	
Are the retaining walls designed to fit with the landscape and reduce the visual impact of the wall?		12	No		N/A	
 Do the materials evoke a sense of permanence and reflect natural qualities in appearance through the use of context- sensitive materials (i.e. stone, masonry, brick, etc.), colours and textures? 	Yes	₫′	No		N/A	
 Have large concrete lock blocks been masked or screened (i.e. through use of landscaping)? 	Yes	ø	No		N/A	
• Are they curvilinear and follow the natural contours of the land? Very short section.	Yes		No		N/A	Ø
 Have they been terraced to break up apparent mass and to provide planting space for landscaping features? 	Yes	2	No		N/A	
 Have systems of smaller terraced walls been used instead of a single large wall? 	Yes		No		N/A	
 Has landscaping been provided to screen or supplement all retaining features? 	Yes	Ø	No		N/A	

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	Are retaining wall 1.5 metres or less in height or are retaining walls terraced?	Yes	P	No		N/A	
·	Site Guidelines - Lot Configuration and Clustering						
	Are subdivisions being clustered on a portion of the site in order to					N1 / A	
	protect open space in steeper areas and the natural environment?	Yes	9	No		N/A	
	Are higher-density developments (e.g. small lot single detached						
	residential, townhouses) being proposed in areas with less steep slopes	Yes	ত	No		N/A	
	that are most easily developable?						
	Is the majority of the development in areas with natural slopes of less						
	than 30%? and preserve open space in areas with natural slopes of 30%	Yes	<u>ସ</u>	No		N/A	
	or more.						
	Has the open space in areas with natural slopes of 30% or more been	Voc	Ŋ	No		N/A	
	preserved?	Yes		NO		N/A	
	Site Guidelines - Roads						
	Have roads been aligned to follow natural site contours, conforming to						
	topographic conditions rather than cutting across contours and reducing	Yes	N	No		N/A	
	the impact on hillsides?						
	Has road connectivity been utilized in the road network over long cul-de-						
	sacs and "dead-end" situations where topographic conditions permit?						
	 Allow cul-de-sac length to be increased where connectivity in 	Yes	$\overline{\mathbf{A}}$	No		N/A	
	the road network is not possible due to topographic			NO		NA	
	conditions, provided appropriate emergency access is						
	constructed. Connection of Newene Rd.						
	Have alternative approaches to turnarounds (e.g. hammerhead	Yes		No		N/A	
	configurations) been utilized?	103					
	Have split roads and/or one-way roads been utilized to preserve						
	significant natural features, to reduce the amount of slope disturbance or	Yes		No	Ø	N/A	
	to improve accessibility to individual parcels?						
(Have reduced pavement widths and right-of-way widths been utilized						
	where service levels (such as snow plowing) can be maintained,						
At bylaw (emergency vehicle	Yes		No	\square	N/A	
	access can be maintained, the reduced widths provide demonstrably less						
minimum. 7 No Varianje/	slope disturbance and the reduced widths contribute to the overall						
	neighbourhood character?						
proposed.	Has reduced roadway cross sections in width been considered if parking is	Vaa		Na	Ø		$ _{\square} $
	to be located on private lots or if special pull-out parking areas are	Yes		No		N/A	
A- 11	established in strategic positions?				 		
Walkway	Have meandering sidewalks adjacent to the road been provided as a				ĺ		
Seperate from	means of eliminating long, sustained grades, preserving natural features, or reducing grading requirements within the right-of-way? Varied offsets	Yes	0	No		N/A	
f-oad-	between the road and sidewalk will be considered for these purposes.						
	Landscaping Guidelines - Preserving Vegetation	Yes	অ	No			
	Has existing vegetation been retained?	res		No		N/A	
	Have building envelopes been sited outside areas of established	Yes	1	No		N/A	
	vegetation?				<u> </u>		
1 2 <i>1</i>	Landscaping Guidelines - Restoration of Vegetation	V		NI -		N1 / A	
	Have native plant materials been used to the greatest extent possible?	Yes		No		N/A	
	Have dry slopes been replanted with drought and fire-resistant species?	Yes	V	No		N/A	

Repeat

	Have trees, shrubs and grasses been planted in masses and patterns characteristic of a natural setting and with the intent of encouraging biodiversity?	Yes	تک/	No		N/A	
	Does the landscaping pay particular attention to areas adjacent to street frontages and areas adjacent to retaining features?	Yes	Ø	No		N/A	
	Have trees and vegetation been replaced in a manner that replicates the characteristics and performance of the natural setting, including the provision of a sufficient density of trees, sufficient ground cover and intensity of vegetation?	Yes	Ø	No		N/A	
	Have trees been planted in organic clusters rather than in lines or formal arrangements?	Yes	Ø	No		N/A	
Ì	Do manufactured slopes blend in with existing slope conditions?	Yes		No		N/A	
	Have water-conserving principles and practices in the choice of plant material (xeriscaping) and in the irrigation design and watering been followed? (i.e. temporary drip irrigation systems, hand watering, and/or automatic shut-off valves). Is yet to be designed.	Yes		No		N/A	ব
	Has landscaping been used to minimize the impact to viewscapes by screening building, landscape cuts and retaining walls?	Yes		No		N/A	
Ĩ	Building and Structure Guidelines						
	Are buildings located to minimize site grading?	Yes		No		N/A	
	Has the building foundation been stepped back to reduce site grading and retaining requirements? (i.e. buildings should be set into the hillside and integrated with the natural slope conditions).	Yes	17	No		N/A	
	Have stories been stepped back above second levels to avoid single vertical planes? Walkouts file $stepped$ back.	Yes	d	No		N/A	
ſ	Have varying rooflines been provided?	Yes		No		N/A	
7	Have buildings been articulated to reduce mass and vary rooflines?	Yes		No	Ø	N/A	
1	Have unbroken expanses of wall been avoided?	Yes	Ø	No		N/A	
	Have buildings been designed in smaller components that appear to fit with the natural topography of the site?	Yes	U	No		N/A	
	Have roof pitches been designed to reflect the slope of the natural terrain? (i.e. angling roof pitches at slopes that are similar to those of the natural terrain).	Yes	V	No		N/A	
	Have natural color tones for housing, fences, retaining walls and outbuildings been used to help the development blend in to the setting?	Yes	Ø	No		N/A	
	Have natural building and retaining wall materials been used wherever possible? Wood-look siding & Stone coloured fibre (ement.	Yes	Ø	No		N/A	
\mathcal{I}	Have buildings been articulated to reduce mass and vary rooflines?	Yes		No		N/A	
	Have retaining walls within the front yard been discouraged?	Yes	ত	No		N/A	
	Building and Structure Guidelines- Siting and Orientation						
	Have buildings been oriented so they run parallel with the natural site contours to reduce the need for site grading works and to avoid high wall façades on the downhill elevation.	Yes	ø	No		N/A	
	Have buildings been sited to minimize interference with the views from nearby (uphill) buildings.	Yes		No		N/A	
ŀ	Building and Structure Guidelines- Setbacks		ļ.,				
	Have building setbacks been adjusted to allow greater flexibility locating a building and reduce the visual massing effect?	Yes		No		N/A	

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Do the setbacks enable off-street parking and utilize the road right-of- way behind the curb or sidewalk to accommodate parking?			No	N/A	
Have side-facing or setback garages been utilized as a means to reduce excessive cut/fill, help to avoid hazardous slopes or sensitive areas and enhance the neighbourhood? $Tnside-facing$	Yes	d	No	N/A	

Parking is not permitted Within front yard setback or landscape butters as per the Zoning Dylaw.

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MULTIPLE UNIT RESIDENTIAL

Consideration has been given to the following issues as identified in Section 21.5 of the Official Community Plan relating to Multiple Unit Development Permit Areas:

Site Guidelines - Parking						-
Does the proposal comply with parking requirements?	Yes		No		N/A	
Is off street parking under buildings, behind buildings or in garages?	Yes	Ø	No		N/A	
If parking areas are 7 or fewer stalls and are surface parking areas, are they:	Yes		No		N/A	
- Single loaded and angled no greater than 45 degrees to the access lane? $\checkmark_{\ell'5}$	Yes	Ø	No	Ø	N/A	
- Adjacent to the building, not the sidewalk?	Yes	Ø	No		N/A	
- Provide a one way access lane accessing the stalls? 90° million nad 52 w	, Yes		No	Ø	N/A	
 Have a minimum of 1m wide landscaped median provided between the access lane & and the sidewalk? 			No		N/A	Ē
Is accessible bicycle parking provided in accordance with zoning requirements?	Yes	Ø	No		N/A	С
Site Guidelines - Lighting						+
Has site lighting (including external building lighting, lit signage, parking lot or security lighting) been designed to avoid glare onto abutting properties or public roadways?	Yes	đ	No		N/A	
Does lighting consist of downcast or cut off luminaires with internal optics designed to avoid glare?	Yes	g	No		N/A	C
Site Guidelines - Other						
Are all waste containers, recycling areas and mechanical equipment screened from public view with a fenced and gated enclosure?	Yes	অ	No		N/A	
Has building clustering and other creative uses of space been encouraged?	Yes	Ø	No		N/A	
Does the clustering of buildings around a central common area create opportunities for sheltered community space and enhance the public realm?	Yes		No		N/A	
Has the use of impervious surfaces been minimized?		Ø	No		N/A	
Building and Structure Guidelines					· ·	
Are buildings laid out with sensitivity towards the view corridors of nearby properties?	Yes	Ø	No		N/A	
Are existing view corridors being preserved through varying building and roof forms and site layouts?	Yes		No		N/A	
Does the scale and architecture of the buildings complement the existing neighborhood?	Yes	⊡⁄	No		N/A	
Are building facades articulated or broken up (minimum 20m intervals) by colour or material changes, or incorporate physical separations such as breezeways, driveways or alleys?	Yes	1	No		N/A	
Is the roofline varied, pitched or otherwise not flat? (eg. Gables, dormers, birds mouths, projections etc.)	Yes	র্থ	No		N/A	
Is rooftop equipment screened from view by incorporating vertical screening or landscaping that corresponds to the building material?	Yes		No		N/A	Þ
Are the materials used for the building appropriate?	Yes	Ø	No		N/A	
Is the material used for building trim appropriate?		V	No		N/A	
Is/are the building(s) scaled such that there are interesting visual elements to engage pedestrians and the pedestrian realm?	Yes	d	No		N/A	
Are all buildings with facades fronting two or more roads built to equal design standards along both frontages?	Yes		No		N/A	12

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Attachment A-DP000802-Development Permit Checklist

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District	of Lake	Country	DPA	Checklists

Are building footprints cut or rounded at corners to create additional public space?	Yes		No		N/A	
Landscaping Guidelines		1				
Does landscaping provide a buffer between adjacent land uses?	Yes	V	No		N/A	
Does landscaping screen parking, mechanical equipment and garbage disposal areas?	Yes	অ	No		N/A	
Is landscaping provided:	Yes	V	No		N/A	
Along the property edges next to roadways?	Yes	Ø	No		N/A	
Between buildings and parking areas?	Yes	Z	No		N/A	
Along on-site access roads and driveways?		Ø,				
Along the sides of buildings?	Yes	5	No		N/A	
On other open spaces (such as spaces not used for parking, access roads or walkways)?	Yes	Ø	No		N/A	
Has existing landscaping or greenery been incorporated where possible?	Yes		No		N/A	
Is at least 75% of the landscaping composed of drought tolerant species, local species or xeriscaped vegetation?	Yes		No		N/A	
Is sufficient community garden space provided on the property (minimum of 4m2 per unit)?	Yes		No	অ	N/A	
Are fencing materials consistent with the materials of the principle building?	Yes	ত	No		N/A	
Signage Guidelines						
Are awning, canopy, fascia and signs designed so as to complement the building and neighbourhood?	Yes		No		N/A	Ø
Is there only one free-standing sign for the entire project?	Yes		No		N/A	U

None

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