

# ATTACHMENT F LANDSCAPE PLAN AND DETAILS



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Berwick on the Lake - Additional Parking  
Denford Construction Management Ltd.  
3201 Ross Road, Nanaimo, BC

LANDSCAPE ARCHITECTURE PLAN  
Date: December 20, 2023  
Drawn: CM  
Checked: CM  
Scale: 1:200 metric  
Project Number: 23-0336  
DRAWING NUMBER: L1 of 1

#	DATE	NOTES
0	28/MAR/2023	DP Coordination
1	15/APR/2023	Issued for DP
2	20/APR/2023	Issued for DP
3	12/OCT/2023	Reissued for DP
4	07/NOV/2023	Reissued for DP
5	20/DEC/2023	Reissued for DP

RECEIVED  
DP#1306  
2023-DEC-20  
Current Planning

### GENERAL NOTES

1. THE LANDSCAPING CHARACTER AREA FOR THE SITE IS: NORTH NANAIMO
2. REFER TO SITE PLAN PREPARED BY LOW HAMMOND ROWE ARCHITECTS FOR PARKING LOT STRUCTURE & LAYOUT, BUS STOP DESIGN, SITE GRADING AND OTHER ARCHITECTURAL INFORMATION.
3. REFER TO CIVIL PLANS AND REPORT PREPARED BY CASCARA CONSULTING ENGINEERS LIMITED FOR ALL SITE SERVICES, SITE DRAINAGE AND STORMWATER MANAGEMENT INFORMATION.

### PLANTING NOTES

1. ALL LANDSCAPE INSTALLATION AND MAINTENANCE SHALL MEET OR EXCEED THE MOST RECENT STANDARDS SET OUT BY THE CANADIAN NURSERY LANDSCAPE ASSOCIATION (CNLA) / CANADIAN SOCIETY OF LANDSCAPE ARCHITECTS (CSLA) CANADIAN LANDSCAPE STANDARD.
2. GROWING MEDIUM SHALL MEET OR EXCEED THE PROPERTIES OUTLINED THE CANADIAN LANDSCAPE STANDARD PER SECTION 6 GROWING MEDIUM, TABLE 1-6.3.5.2. PROPERTIES FOR GROWING MEDIA:  
LEVEL 2 "GROCOMEDY" - 2P  
GROWING MEDIUM DEPTHS: SHRUBS - 450mm  
TREES - 600mm BELOW AND AROUND ROOTBALL
3. MULCH SHALL BE COMPOST PER SECTION 10 MULCHING OF THE CANADIAN LANDSCAPE STANDARD. MULCH DEPTH SHALL BE 75mm MINIMUM OVER ALL TREE, SHRUB AND GROUNDCOVER PLANTING AREAS.
4. PLANT MATERIAL QUALITY, TRANSPORT AND HANDLING SHALL COMPLY WITH CNLA STANDARDS FOR NURSERY STOCK.
5. ALL TREE, SHRUB, GROUNDCOVER AND LAWN AREAS SHALL BE WATERED VIA AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM UTILIZING SMART (ET) WEATHER-BASED) IRRIGATION CONTROL. IRRIGATION EMISSION DEVICES SHALL BE HIGH EFFICIENCY LOW VOLUME ROTARY NOZZLES OR DRIP IRRIGATION EQUIPMENT.
6. PLANT QUANTITIES ARE FOR INFORMATION ONLY. IN CASE OF ANY DISCREPANCY THE PLAN SHALL GOVERN.
7. ALL PLANT MATERIAL SHALL MATCH TYPE AND SPECIES AS INDICATED ON THE PLANTING LEGEND. CONTACT THE LANDSCAPE ARCHITECT FOR APPROVAL OF ANY SUBSTITUTIONS. NO SUBSTITUTIONS WILL BE ACCEPTED WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
8. CHECK FOR LOCATIONS OF WATER LINES AND OTHER UNDERGROUND SERVICES PRIOR TO DIGGING TREE FITS. EXCAVATED PLANT FITS SHALL HAVE POSITIVE DRAINAGE. PLANT FITS WHEN FULLY FLOODED WITH WATER SHALL DRAIN WITHIN ONE HOUR AFTER FILLING.
9. NO PLANTS REQUIRING PRUNING OF MAJOR BRANCHES DUE TO DISEASE, DAMAGE OR POOR FORM WILL BE ACCEPTED.

### IRRIGATION NOTES

1. THE IRRIGATION SYSTEM SHALL BE RETROFIT DESIGN-BUILD BY THE OWNER.
2. IRRIGATION SYSTEM INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS SET OUT IN THE MOST CURRENT VERSION OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION (CNLA) / CANADIAN SOCIETY OF LANDSCAPE ARCHITECTS (CSLA) CANADIAN LANDSCAPE STANDARD.
3. ALL PROPOSED ON-SITE PLANTING AND LAWN AREAS SHALL BE WATERED VIA AN UNDERGROUND, AUTOMATIC IRRIGATION SYSTEM UTILIZING THE EXISTING IRRIGATION CONTROLLER.
4. IRRIGATION EMISSION DEVICES SHALL BE LOW VOLUME ROTARY NOZZLES OR DRIP EQUIPMENT.
5. THE CONTRACTOR SHALL ADJUST THE PLACEMENT AND RADIUS OF SPRINKLERS AS REQUIRED BY FIELD CONDITIONS TO ACHIEVE FULL COVERAGE OF ALL PLANTED AREAS AND TO MINIMIZE OVER-SPRAY ONTO ADJACENT HARD SURFACES, FENCES AND PROPERTY LINES.
6. ALL PIPING UNDER PAVING SHALL BE INSTALLED IN SEPARATE SCHEDULE 40 SLEEVES AT A MINIMUM DEPTH OF 600mm WITH 150mm OF SAND BACKFILL ABOVE AND BELOW PIPE. ALL WIRING UNDER PAVING SHALL BE INSTALLED IN SEPARATE SCHEDULE 40 PVC CONDUIT. ALL SLEEVES AND CONDUIT SHALL BE INSTALLED PRIOR TO PAVEMENT INSTALLATION AND SHALL EXTEND 150mm BEYOND EDGE OF PAVEMENT OR CURB. BACKFILL FOR SLEEVES SHALL BE COMPACTED TO THE SPECIFIED DENSITY FOR THE SURFACE.
7. OPERATE IRRIGATION CONTROLLER WITHIN THE CITY OF NANAIMO WATER RESTRICTION SCHEDULE.

### PLANT LEGEND

SYMBOL	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY.	NOTES
<b>TREES</b>					
	CORNUS EDDIE'S WHITE WONDER EDDIE'S WHITE WONDER DOGWOOD	6cm CAL.	6m O.C. AVG.	3	
	MAGNOLIA GRANDIFLORA EDITH BOGUE SOUTHERN MAGNOLIA	6cm CAL.	6m O.C. AVG.	5	EVERGREEN, DROUGHT-TOLERANT
	FRUNUS SERIOLATA 'KWANZAN' KWANZAN FLOWERING CHERRY	6cm CAL.	6m O.C. AVG.	3	
<b>SHRUBS</b>					
	AMELANCHIER GRANDIFLORA 'AUTUMN BRILLIANCE' AUTUMN BRILLIANCE SERVICEBERRY	#1.5 STD.	3.0m O.C.	3	DROUGHT TOLERANT
	ERICA CARNEA 'KRAMERS RED' RED HEATH	#2 POT	0.6m O.C.	80	DROUGHT TOLERANT
	ERICA CARNEA 'SCHIEKUPPE' WHITE HEATH	#2 POT	0.6m O.C.	91	DROUGHT TOLERANT
	PIERIS 'JAPONICA PURITY' PURITY PIERIS	#2 POT	1.0m O.C.	41	DROUGHT TOLERANT
	PHNUS MUGO 'PUMILLO' DWARF MUGO PINE	#2 POT	1.0m O.C.	26	DROUGHT TOLERANT
	POLYSTICHUM MUNITUM SWORD FERN	#2 POT	1.0m O.C.	11	NATIVE SPECIES
	RHODODENDRON SSP. RHODODENDRON	#2 POT	1.0m O.C.	3	MIX COLOUR & BLOOM TIME
<b>GROUNDCOVER &amp; VINES</b>					
	ARCTOSTAPHYLOS LVA-URSI GUNKWINKA	#1 POT	0.9m O.C.	55	NATIVE SPECIES
	PARTHENOCCISUS TRICUSPIDATA BOSTON IVY	#1 POT	AT COLUMNS	3	

### TREE REPLACEMENT

1. REFER TO TREE MANAGEMENT PLAN FOR ADDITIONAL INFORMATION.
2. REPLACEMENT TREES REQUIRED: 26
3. ON-SITE REPLACEMENT TREES PROVIDED: 3  
OFF-SITE REPLACEMENT TREES PROVIDED: 6  
TOTAL REPLACEMENT TREES: 11

