

February 10, 2025

City of Nanaimo 411 Dunsmuir Street Nanaimo, BC V9R 5J6

Re: Project Proposal for 1435 Cranberry Family Housing

Introduction

BC Housing, in collaboration with the Snuneymuxw First Nation, is proposing the development of a 42unit family housing project at 1435 Cranberry Connector in Nanaimo. This new development will provide secure and affordable housing for Snuneymuxw members, addressing the urgent need for familyoriented housing in the region. The project site is well situated near community services, a park, and transportation networks, fostering a supportive and accessible environment for residents.

The design of the project integrates both architectural and landscape elements to create a safe, welcoming, and vibrant residential community. The building will be six storeys, maximizing density while maintaining compatibility with the surrounding neighbourhood. The design speaks to the Snuneymuxw Nation's weaving tradition, with a distinctive woven plank facade, reminiscent of blanket and cedar bark weaving patterns and colours. The landscape plan includes green spaces, play areas, and private natural green space for residents, encouraging outdoor activity and social interaction.

Rationale for Increased Building Height

The site is designated for residential use and supports increased building height in alignment with municipal planning goals. The six-storey building ensures optimal land use while maintaining compatibility with surrounding residential areas. The increased height allows for more families to be housed efficiently while keeping the project within the medium-density residential scale appropriate for the area. The increased height also allows for a smaller building footprint with less impact on the land.

Rationale for Reduced Setbacks

The south setback is being reduced from 6m to 1.5m along Thirteenth Street which is a quiet gravel road. This adjustment allows for more efficient land use without negatively impacting the surrounding area. The north setback is being reduced from 6m to 5m for a small section of the building. By reducing these setbacks, the building is biased more towards the street, creating a larger landscaped courtyard adjacent to the stream. This design approach enhances green space and provides a more pleasant and functional outdoor environment for residents.





Official Community Plan (OCP) Conformance

DPA 1 – Environmentally Sensitive Areas

- The project prioritizes ecological protection by incorporating a robust stormwater management plan to mitigate runoff and protect adjacent waterways.
- Native and drought-resistant plant species are used in landscaping to maintain local biodiversity and reduce irrigation needs.
- The building footprint and placement minimize disturbance to existing natural features, including the adjacent stream and riparian areas. Measures will be taken to protect the stream, including erosion control and habitat enhancement strategies, to ensure that the environmental integrity of the watercourse is respected.
- Erosion control measures will be implemented during and after construction to safeguard nearby environmentally sensitive areas.

DPA 7 – Nanaimo Parkway Design

- The design maintains and reinforces a green aesthetic by integrating natural vegetation along the project's frontages.
- Landscaping features help visually buffer urban development from the Parkway, ensuring that the project blends into the natural setting.
- While the project does not provide public pedestrian pathways, it includes private natural green space for residents, ensuring accessibility and connectivity within the development.

Goal One - A Green Nanaimo: Resilient & Regenerative Ecosystems

The 1435 Cranberry Family Housing project emphasizes environmental sustainability and ecological responsibility. The project includes sustainable landscaping, stormwater management strategies, and native plantings that enhance biodiversity and contribute to the regeneration of local ecosystems. The design also carefully respects the stream running through the site, with measures in place to protect the watercourse and surrounding riparian habitat. These efforts ensure the development minimizes its environmental impact while supporting the long-term health of Nanaimo's natural environment.

Goal Two - A Healthy Nanaimo: Community Wellbeing & Livability

This development prioritizes community wellbeing by providing affordable housing in a vibrant, green space that promotes healthy living. The landscape design includes green areas, a children's play space, and communal gardens that foster social interaction and physical activity. Additionally, the project's focus on energy efficiency and sustainability helps create a healthier living environment for residents, while contributing to Nanaimo's overall livability.





Goal Three - A Connected Nanaimo: Equitable Access & Mobility

The project is strategically located close to major arterials, offering easy access to transportation networks and community services. The integration of pedestrian-friendly design within the site ensures connectivity for residents. Additionally, the operator will provide a transport van for residents, enhancing mobility and access to the broader Nanaimo community. This contributes to a more connected Nanaimo, where all residents have access to essential services and transportation options.

Goal Four - An Empowered Nanaimo: Reconciliation, Representation & Inclusion

In collaboration with the Snuneymuxw Nation, this project advances reconciliation by offering housing that thoughtfully meets the needs of Indigenous families. Featuring architectural elements like a woven façade and carefully designed indoor and outdoor social spaces, the development strengthens connections to the land and community, fostering an inclusive and respectful living environment.

Goal Five – A Prosperous Nanaimo: Thriving & Resilient Economy

The project contributes to Nanaimo's economy by creating jobs during construction and providing longterm housing stability for families. The development also supports a resilient economy by integrating sustainable building practices, ensuring that it remains energy-efficient and cost-effective over time while also communicating pride and a sense of place through its unique design. This project is a key investment in Nanaimo's future, aligning with the city's economic goals.

Conclusion

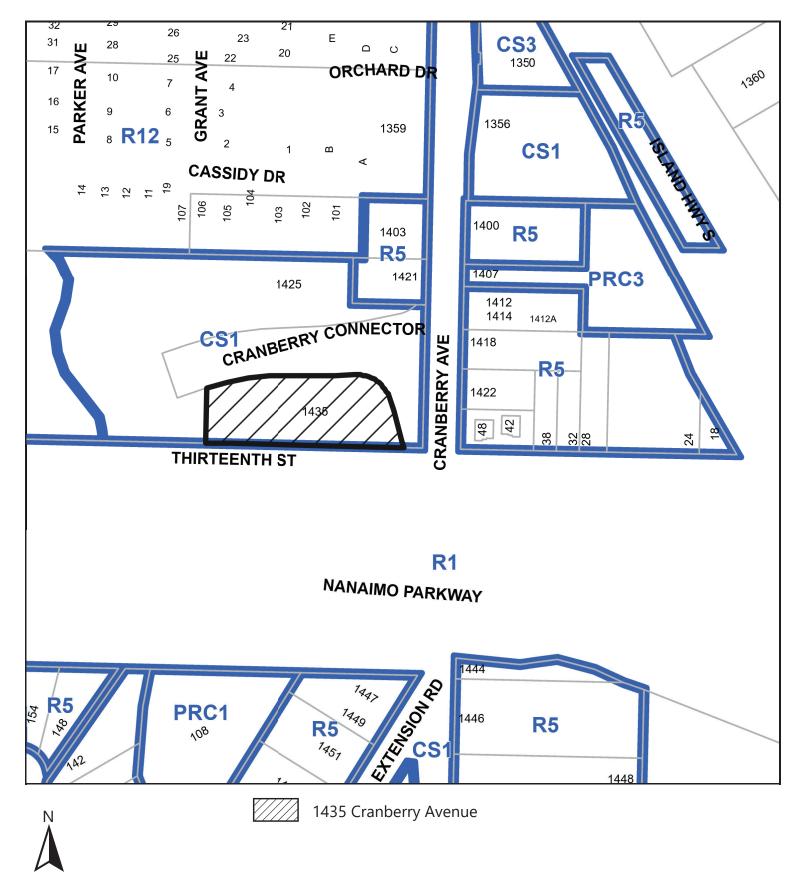
The 1435 Cranberry Family Housing project is a vital addition to Nanaimo's housing landscape, addressing the pressing need for family-oriented affordable housing while enhancing the urban and natural environment. With a well-integrated architectural and landscape design, this development will contribute to a stronger, more sustainable, and inclusive community.

Sincerely,

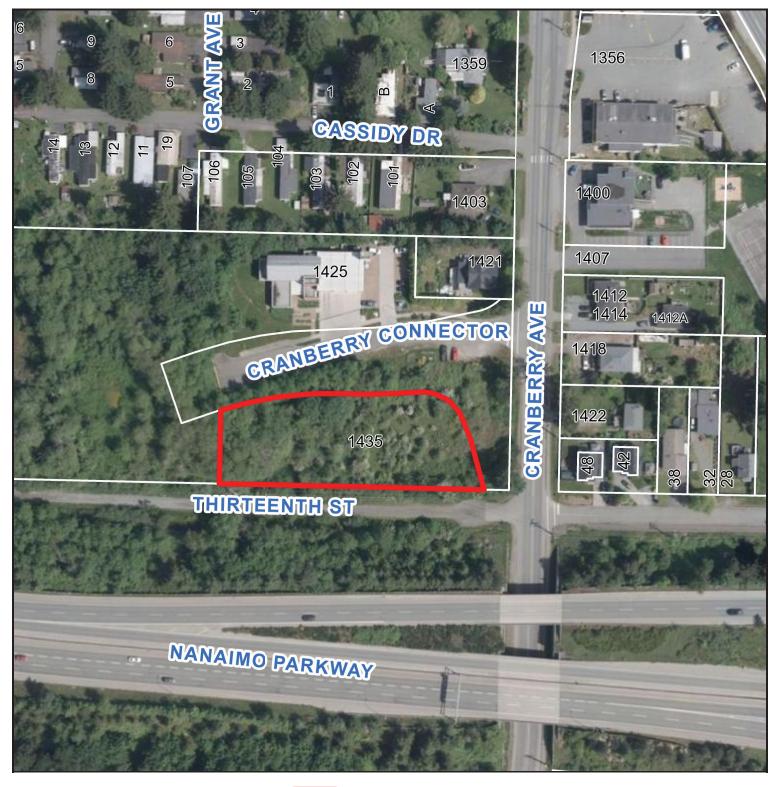
Maris MacDonald, Architect AIBC | CP maris@mharchitects.ca For MacDonald Hagarty Architects Ltd.



SUBJECT PROPERTY MAP



AERIAL PHOTO







1435 Cranberry Avenue



1435 CRANBERRY FAMILY HOUSING MANNENER CONNECTOR MANNENER MANNEN MANNENER MANNENER MANNENER MANNEN

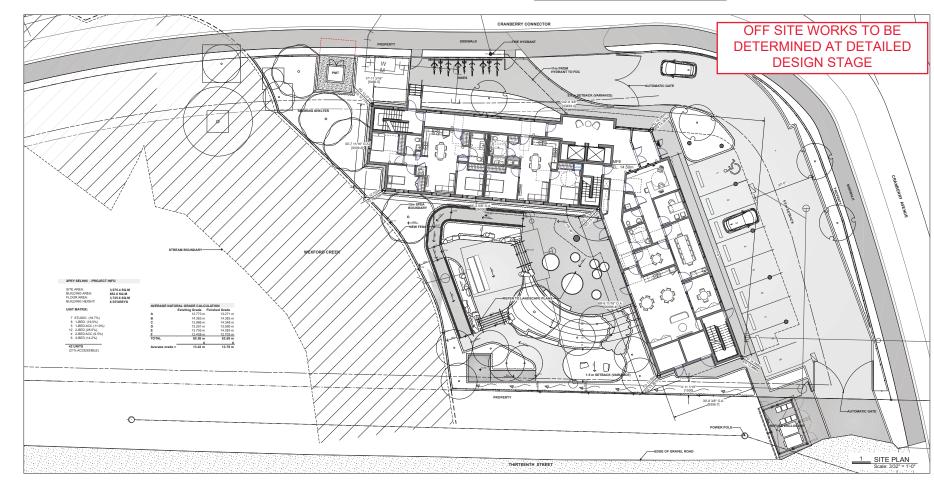






	FO - GROSS FLOOR Description	AREAS Unit Count	Unit Area	Unit Area	Total Area	Total Area
			(sq ft)	(sq m)	(sq ft)	(sq m)
RESIDENTIAL						
	Studio	6	405.3 sq ft	37.7 sq m	2,432.0 sq ft	225.9 sc
	1 Bedroom A	5	531.2 so ft	49.3 so m	2.656.0 so ft	246.7 s
	1 Bedroom B	4	433.3 sq ft	40.2 so m	1,733.0 sq ft	161.0 s
	1 Bedroom ACC	5	636.0 sq ft	59.1 sq m	3,180.0 sq ft	295.4 s
	2 Bedroom A	2	772.5 sq ft	71.8 sq m	1.545.0 so ft	143.5 s
	2 Bedroom B	5	732.0 sq ft	68.0 sq m	3,660.0 sq ft	340.0 s
	2 Bedroom ACC	4	772.5 sq ft	71.8 sq m	3.090.0 so ft	287.1 s
	3 Bedroom A	6	905.8 sq ft	84.2 sq m	5,435.0 sq ft	504.9 s
	3 Bedroom B	5	971.4 sq ft	90.2 sq m	4,857.0 sq ft	451.2 s
	Total Residential	42			28,588.0 sq ft	2,655.8 s
RESIDENTIAL	Community Room					
SUPPORT SPACES	Main Office & Support	Worker Snares				
STACES	Child Minding					
	Total Community				2,022.0 sq ft	187.8 s
ERVICE	Electrical/Mechanical	Rooms				
	Janitor					
	Total Service/Circulate	an			761.0 sq ft	70.7 s
IRCULATION	Interior Corridors					
	Elevators					
	Exit Stairs					
	Exit Stairs Total Service/Circulate	an			8,777.0 sq ft	815.4 s
RASEMENT	Total Service/Circulate	an			8,777.0 sq ft	815.4 s
BASEMENT		2n			8,777.0 sq ft	815.4 s
BASEMENT	Total Service/Circulate Bike Storage	2n			8,777.0 sq ft	815.4 s
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1435 CRANBERRY FAMILY HOUSING MANANOLE MANANOLE





 Re-Issued for Development

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 2005-02.06
 Permit

 J
 2005-01-02
 Issued for Constitution

 I
 2005-01-12
 Issued for Review

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MATERIAL PALETTE

1 HORIZONTAL METAL PLANK CLADDING COLOUR: WOOD TONE

3 HORIZONTAL METAL PLANK CLADDING - LARGE

2 VERTICAL METAL PLANK CLADDING COLOUR: WOOD TONE

3 SOUTH END ELEVATION

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4 WEST ELEVATION Scale: 3/32" = 1'-0"

5 SOUTH ELEVATION Scale: 3/32" = 1'-0"

 COLOUR: RED VERTICAL METAL PLANK CLADDING COLOUR: RED
 CEMENTITIOUS PANEL COLOUR: DARK GREY 6 WEST END ELEVATION Scale: 3/32" = 1'-0"

6 CEMENTITIOUS PANEL COLOUR: RED

7 ANODIZED CURTAIN WALL COLOUR: BLACK

8 VINYL WINDOW

COLOUR: BLACK
 CEMENTITIOUS FASCIA PAANEL
 COLOUR: DARK GREY A/OR RED
 To
 PAINTED MURAL ON CONCRETE COLUMN
 VERTICAL METAL PLANK CLADDING
 COLOUR: GREY

A2.01







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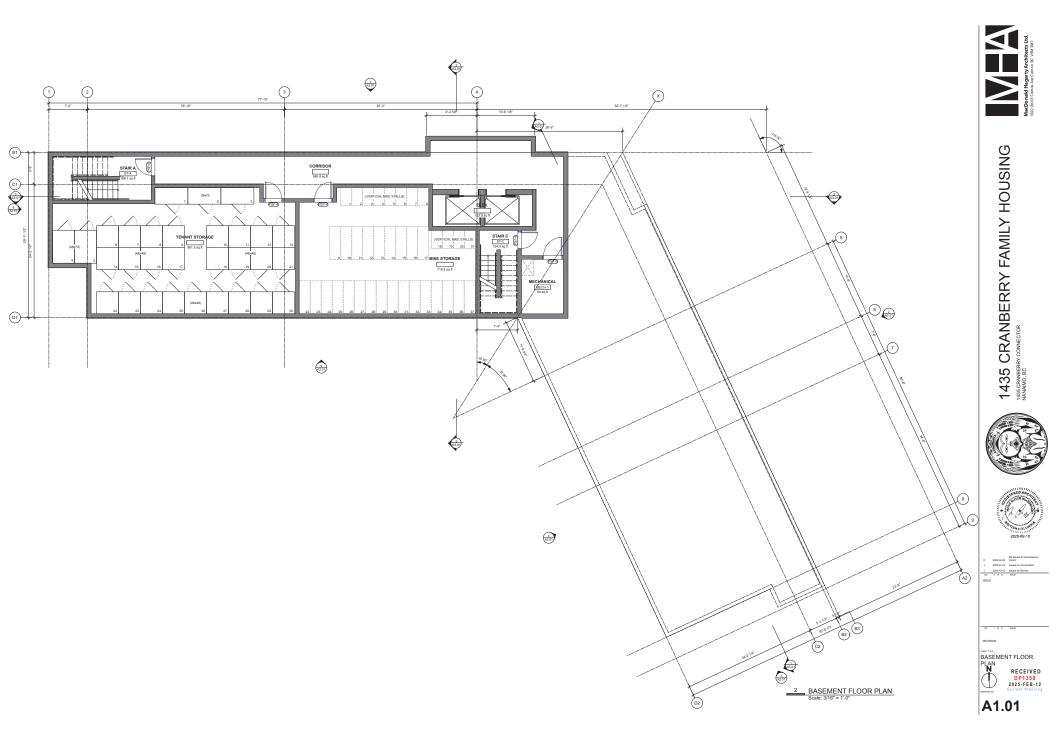
REVISION PERSPECTIVE RECEIVED DP1359 2025-FEB-12 www.commerce Contrast Planning A4.01

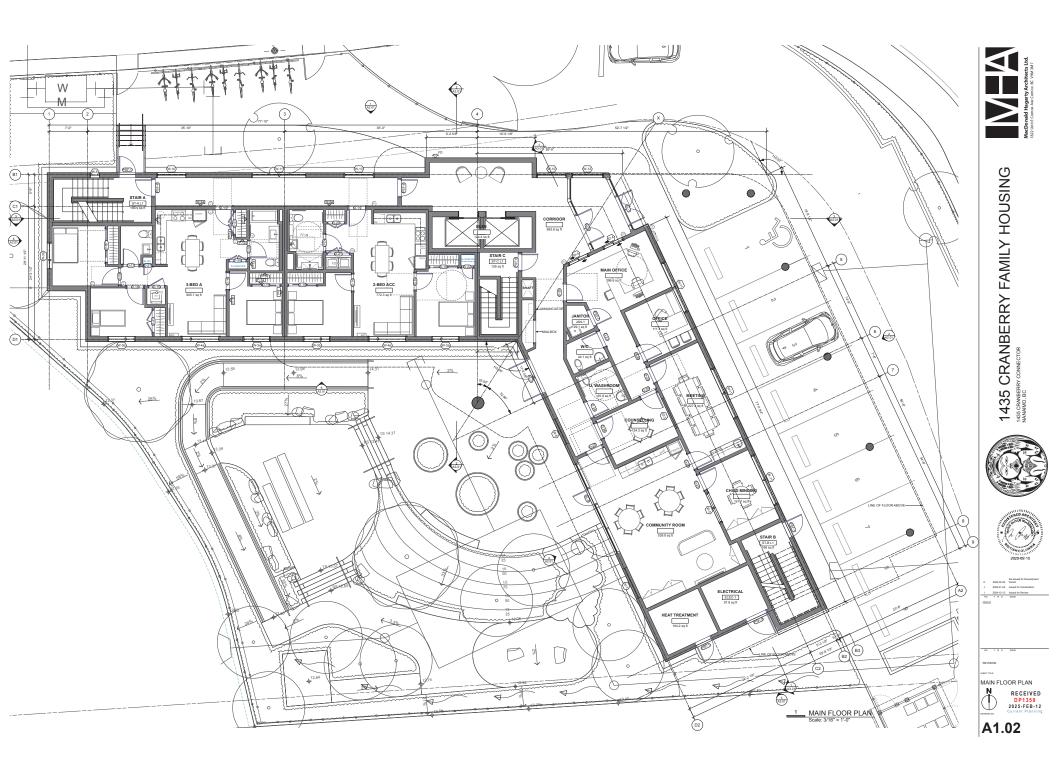


1 Looking Southwest



2 Looking Northeast







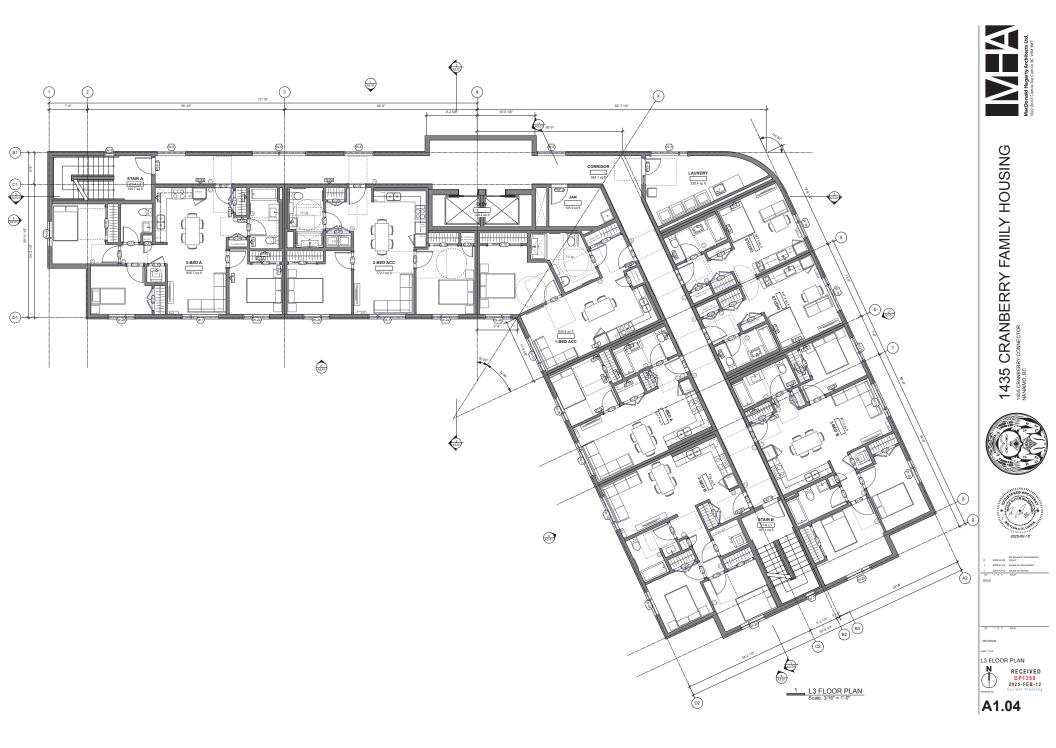








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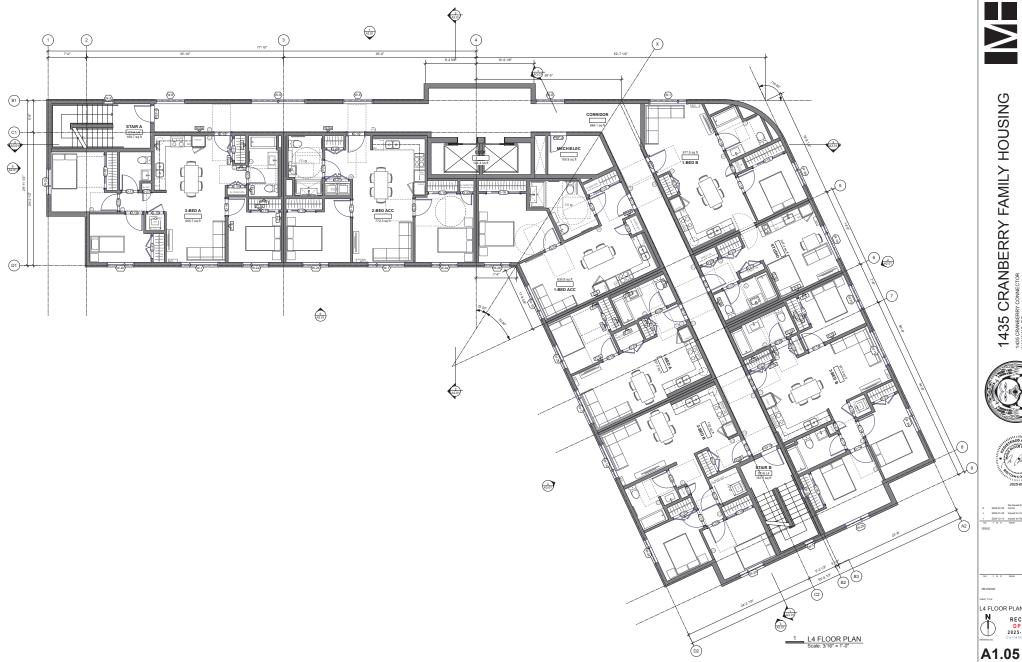


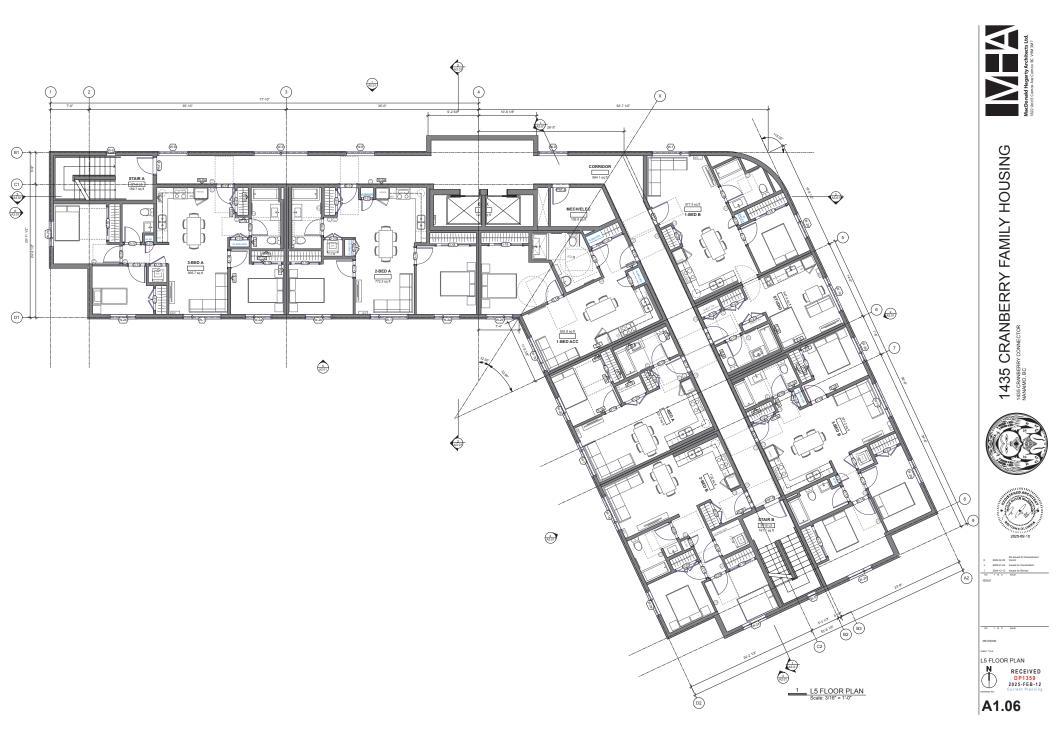


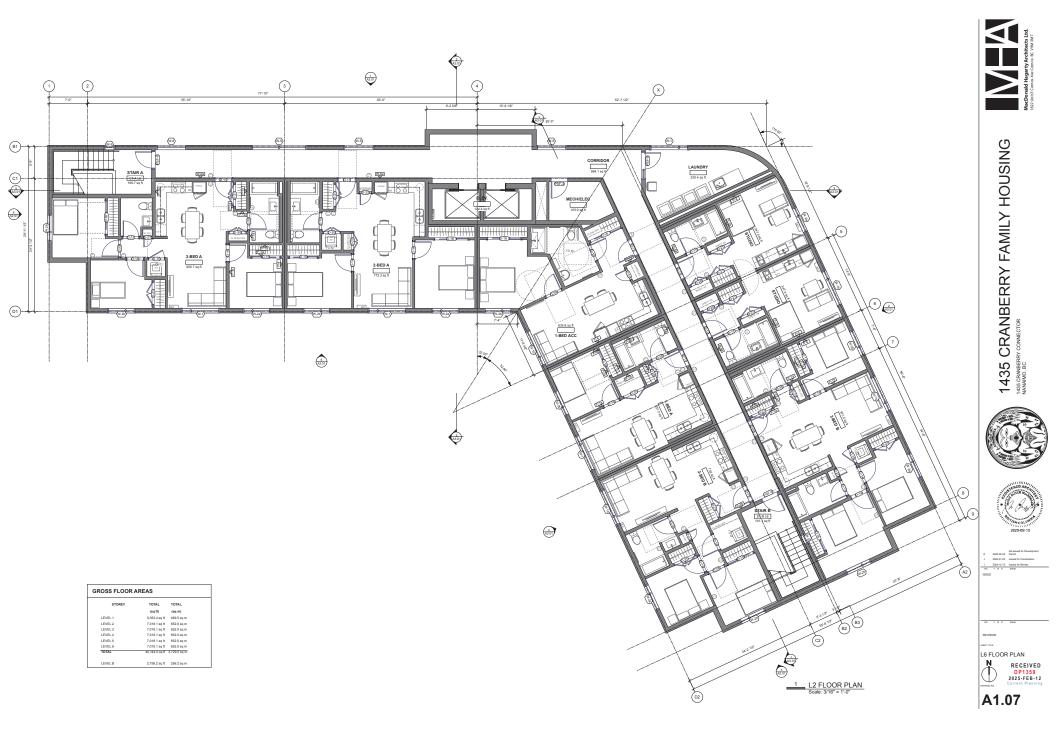


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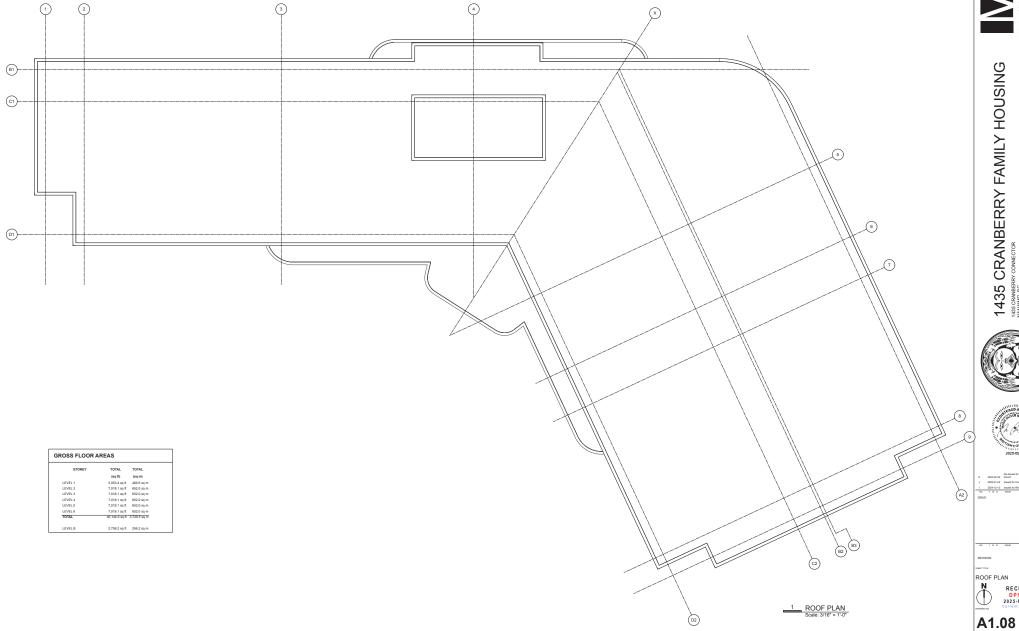














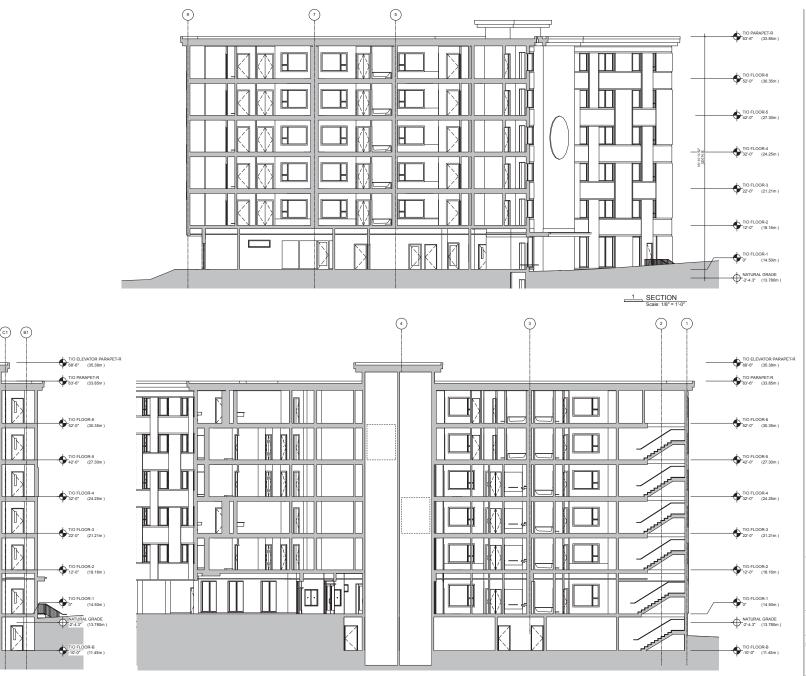
CRANBERRY FAMILY HOUSING 1435 CRANBERF NANAIMO, BC





Re-Issued for Developmen 2025-02-05 Permit 2025-01-02 Issued for Coordination 2024-12-13 Issued for Review





2 SECTION Scale: 1/8" = 1'-0"

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3 SECTION Scale: 1/8" = 1'-0"

1435 CRANBERRY FAMILY HOUSING

SHEET LIST

L0.00 COVER SHEET L0.01 TREE MANAGEMENT PLAN

- L1.01 MATERIALS PLAN
- L2.01 TREE PLANTING PLAN
- L2.02 PLANTING PLAN
- L3.01 SOIL DEPTH PLAN
- L4.01 LIGHTING PLAN

L5.01 SECTIONS

GENERAL LANDSCAPE NOTES

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- COORDINATION: 1. CONTRACTOR TO COORDINATE INSTALLATION OF IRRIGATION AND ELECTRICAL SLEEVES WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL WORKS.
- SUBMITTALS: 1. CONTRACTOR TO PROVIDE SAMPLES, TEST RESULTS AND SHOP DRAWINGS TO LANDSCAPE CONSULTANT FOR REVIEW AND APPROVAL 45 DAYS PRIOR TO INSTALLATION. 2. SEE ALSO SUBMITTALS TABLE BELOW FOR ADDITIONAL INFORMATION.

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COMPACTION TESTING: 1. COMPACTION TESTS FOR HARD SURFACE SUBGRADE, GRANULAR SUB-BASE, AND GRANULAR BASE ARE MANDATORY

INSPECTIONS: 1. CONTRACTOR TO ALERT THE LANDSCAPE CONSULTANT A MINIMUM OF 3 WORKING DAYS PRIOR TO REQUIRED LANDSCAPE INSPECTIONS.

SUBSTITUTIONS. I. RECURSTS FOR SUBSTITUTIONS TO CONFORM TO THE DIVISION OF SECTION AND BE SUBMITTED TO THE LANDSCAPE CONSULTANT, THROUGH THE PROJECT ADMINISTRATOR, A MINIMAM OF 45 DAYS PROVING TO SCHEDULED WORK. 2. PLEASE NOT THAT SOME SUBSTITUTIONS MAY REQUIRE MUNICIPAL APPROVAL.

WARRANTY. I. CONTRACTOR SHALL WARRANTY ALL WORKMANSHP AND MATERIALS FOR 1 FULL YEAR FOLLOWING THE DATE OF TOTAL PERFORMANCE AS PER MIXED UNLESS SPECIFICALLY NOTED OTHERWISE. FAULTY MATERIALS AND WORKMANSHP SHALL BE PROMPTLY REPARED / REPLACED TO THE SATISFACTION OF THE LANDSCAPE CONSULTANT.

ENVIRONMENTAL PROTECTION: 1. CONTRACTOR TO INSTALL AD MAINTAIN SEDMENTATION FILTRATION MEASURES AS REQUIRED FOR LANDSCAPE WORKS TO PREVENT MATERIALS FROM LEAVING THE SITE AND / OR ENTERING STORM DRIVING; STOCKFILED LANGSCAPE MATERIALS ARE TO BE KEPT TARFED.







LEGEND

BUILDING FOOTPRINT	
8' (2.43m) HT. SOLID WOO 	
PROPOSED CONTOUR	
PROTECTION FENCE	
EXISTING TREE TO BE RE	EMAIN
EXISTING TREE TO BE RE	MOVED
TREE FOR REMOVAL	
TREE TO RETAIN AND MO	NITOR
TREE POSSIBLE FOR REP	NOVAL



NTS

TREE MANAGEMENT PLAN NOTES:

- IF REQUIRED, REPLACEMENT OF PUBLIC TREES ON PUBLIC PROPERTY TO BE COORDINATED WITH THE CITY
 OF NAMAMO.
 NO TREES WITHIN THE WEXFORD CREEK ESA ARE TO BE REMOVED UNLESS RECOMMENDED BY THE
 PROJECT ARBORIST OR BIOLOGIST AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.

24/08/20 YY/MM/DD

TREE MANAGEMENT

DWG NO: L0.01

PLAN



PROPERTY LINE
BUILDING FOOTPRINT ---- ROOF ABOVE

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000

- - 15m SPEA BOUNDARY - - - STREAM BOUNDARY B (2.43m) HT. SOLID WOOD FENCE
 G (0.91m) HT. SPLIT RAIL FENCE
 PROPOSED CONTOUR

. EXISTING TREE TO BE RETAINED

WOOD BENCH

PROPERTY LINE	SYMBOL DESCRIPTION	QTY
BUILDING FOOTPRINT ROOF ABOVE	PLANTING AREA	462.6 m²
15m SPEA BOUNDARY STREAM BOUNDARY	ENVIRONMENTAL SENSITIVE AREA (ESA) - AREA TO POTENTIALLY BE RESTORED IN COLLABORATION WITH THE PROJECT BIOLOGIST	832.7 m²
 8' (2.43m) HT. SOLID WOOD FENCE 3' (0.91m) HT. SPLIT RAIL FENCE 	RAISED GARDEN BED	10.6 m²
PROPOSED CONTOUR EXISTING TREE TO BE RETAINED	OFF-SITE PLANTING - TO CITY OF NANAIMO STANDARDS	471.1 m²
	PAVING TYPE A: CIP CONCRETE - ACID WASH FINISH	302.3 m²
PROPOSED TREES	PAVING TYPE B: ENGINEERED WOOD FIBER	21.6 m²
)	PAVING TYPE C: GRAVEL	107.1 m ²
CIRCULAR METAL RAISED GARDEN BED	PAVING TYPE D: PERMEABLE PAVERS	500.0 m²
PICNIC TABLE	PAVING TYPE E: WOOD DECKING	14.6 m²
WOOD RENCH	PAVING TYPE F: DRIP STRIP	20.1 m ²
LANDSCAPE BOULDER	PAVING TYPE G: MUNICIPAL SIDEWALK - TO CITY OF NANAIMO STANDARDS	322.4 m²
STEPPING STUMP	PAVING TYPE H: OFF- SITE PERMEABLE PAVERS	28.1 m²

COVERED FLEXIBLE PLATFORM





INDIGENOUS ART



SITE FURNISHINGS

LANDSCAPE NOTES:

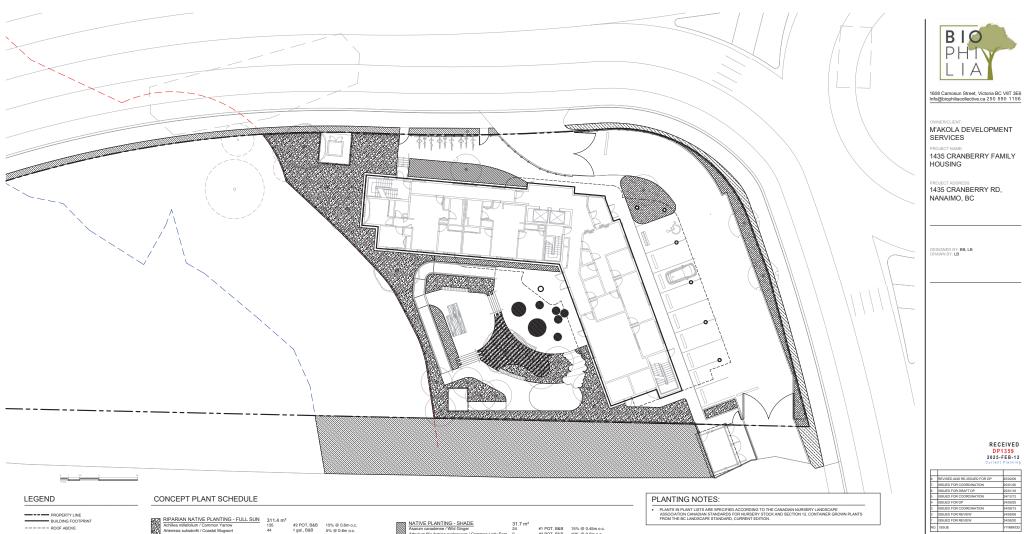
- PLAY STRUCTURES AND ART INTERVENTIONS TO BE CO-DESIGNED IN COLLABORATION WITH THE PROJECT INDIGENOUS ARTIST. INDIGENOUS ARTIST. A STORMWATER MANAGEMENT STRATEGY WILL BE DEVELOPED IN COLLABORATION WITH ARCH AND CIVIL TO COLLECT AND INFILTRATE RUNOFF FROM BUILDING.



MATERIALS PLAN

3 ISSUED FOR COORD 2 ISSUED FOR REVIEW 1 ISSUED FOR REVIEW NO. ISSUE





BUILDING FOOTPRINT - - 15m SPEA BOUNDARY - - - STREAM BOUNDARY EXISTING TREE TO BE RETAINED

ROPOSED TREES

RIPARIAN NATIVE PLANTING - FULL SUN 311.4 m²

224	Achillea millefolium / Common Yarrow	135	#2 POT, B&B	15% @ 0.6m o.c.
1222	Artemisia suksdorfii / Coastal Mugwort	44	1 gal., B&B	5% @ 0.6m o.c.
122	Deschampsia cespitosa / Tufted Hair Grass	240	#1 POT, B&B	15% @ 0.45m o.c.
224	Hypericum scouleri / Western St. John's Wort	79	1 gal., B&B	5% @ 0.45m o.c.
122	Lathyrus nevadensis / Mountain Pea	159	#1 POT, B&B	10% @ 0.45m o.c.
664	Mentha canadensis / American Corn Mint	79	1 gal., B&B	5% @ 0.45m o.c.
12	Rosa nutkana / Nootka Rose	179	#2 POT, B&B	20% @ 0.6m o.c.
1224	Sambucus racemosa / Red Elderberry	20	#3 POT, B&B	5% @ 0.9m o.c.
	Spiraea douglasii / Western Spirea	179	#2 POT, B&B	20% @ 0.6m o.c.
100	NATIVE PLANTING - VEGETATED SLOPE	33.6 m²		
	Carex obnupta / Slough Sedge	86	#1 POT, B&B	50% @ 0.45m o.c.
100	Sisyrinchium californicum / Yellow-eyed Grass	43	#1 POT, B&B	25% @ 0.45m o.c.
1 . C	Trifolium wormskioldii / Coast Clover	43	#1 POT, B&B	25% @ 0.45m o.c.

#1 POT, B&B 50% @ 0.45m o.c. #1 POT, B&B 25% @ 0.45m o.c. #1 POT, B&B 25% @ 0.45m o.c. rinchium californicum / Yellow-eyed Grass ilium wormskioldii / Coast Clover RIPARIAN NATIVE PLANTING - PARTIAL

72	SHADE Comus canadensis / Bunchberry Dogwood Gautheria shallon / Salal Lathyrus nevadensis / Mountain Pea Polystichum munitum / Western Sword Fern Rosa nutkana / Nootka Rose Vaccinium gavridilam / Red Huckleberry	88.3 m²		
Ø	Cornus canadensis / Bunchberry Dogwood	45	#1 POT, B&B	10% @ 0.45m o.c.
88	Gaultheria shallon / Salal	25	#2 POT, B&B	10% @ 0.6m o.c.
94	Lathyrus nevadensis / Mountain Pea	45	#1 POT, B&B	10% @ 0.45m o.c.
8	Polystichum munitum / Western Sword Fern	64	#2 POT, B&B	25% @ 0.6m o.c.
Ø	Rosa nutkana / Nootka Rose	33	#3 POT, B&B	30% @ 0.9m o.c.
A	Vaccinium parvifolium / Red Huckleberry	39	#2 POT, B&B	15% @ 0.6m o.c.

Asarum canadense / Wild Ginger 24 #1 POT, B&B 15% @ 0.45m Athyrium filis-ternina cyclosorum / Common Lady Fern 9 #2 POT, B&B 10% @ 0.6m Office and the second control of the sec	c.).c. c.
	o.c. c.
	c.
Carex leptopoda / Slender-footed Sedge 8 #1 POT, B&B 5% @ 0.45m	
Dicentra spectabilis / Bleeding Heart 5 #2 POT, B&B 5% @ 0.6m o.	uc.
Polystichum munitum / Western Sword Fern 27 #2 POT, B&B 30% @ 0.6m	
Rubus spectabilis / Salmonberry 18 #2 POT, B&B 20% @ 0.6m	o.c.
Sambucus racemosa / Red Elderberry 14 #2 POT, B&B 15% @ 0.6m of	.c.
URBAN AGRICULTURE - MEDICINAL	
GARDEN 10.8 m ²	
Clinopodium douglasii / Yerba Buena 13 #1 POT, B&B 25% @ 0.45m	0.C.
Lavandula angustifolia / English Lavender 13 #1 POT, B&B 25% @ 0.45m	0.C.
Mentha canadensis / Canada Mint 13 #1 POT, B&B 25% @ 0.45m	0.C.
Stachys cooleyae / Cooley's Hedge Nettle 13 #1 POT, B&B 25% @ 0.45m	0.C.

466.4 m² Seed, Seed OFF-SITE PLANTING Turf Seed Drought Tolerant Dwarf Fescue Blend

PLANTS IN PLANT LISTS ARE SPECIFIED ACCORDING TO THE CANADIAN NURSERY LANDSCAPE ASSOCIATION CANADIAN STANDARDS FOR NURSERY STOCK AND SECTION 12, CONTAINER GROWN PLANTS FROM THE BC LANDSCAPE STANDARD, CURRENT EDITION.



4/09/06

4/08/20



LEGEND

BUILDING FOOTPRINT - - 15m SPEA BOUNDARY - - - STREAM BOUNDARY EXISTING TREE TO BE RETAINED

C REPLACEMENT TREES

SOIL DEPTH SCHEDULE

SYMBOL DESCRIPTION	QTY
150mm SOIL DEPTH	467.7 m ²
- GROWING MEDIUM TO CANADIAN L	ANDSCAPE STANDARDS
450mm SOIL DEPTH	10.6 m ²
- GROWING MEDIUM TO CANADIAN L	ANDSCAPE STANDARDS
600mm SOIL DEPTH	262.3 m ²
- GROWING MEDIUM TO CANADIAN L	ANDSCAPE STANDARDS
100mm SOIL DEPTH	186.2 m ²
- GROWING MEDIUM TO CANADIAN L	ANDSCAPE STANDARDS

SOIL PLANTING NOTES:

A COMPREHENSIVE SOIL ANALYSIS WILL BE CONDUCTED TO EVALUATE THE QUALITY OF THE EXISTING SOIL AND ITS FEASIBILITY FOR SUPPORTING NEWLY PROPOSED PLANTING.

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ISSUED FOR DP

SOIL DEPTH PLAN

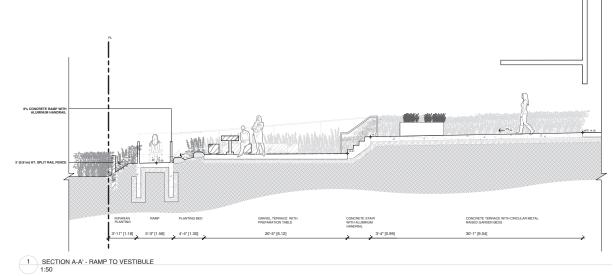
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DWG NO: L4.01

LIGHTING PLAN





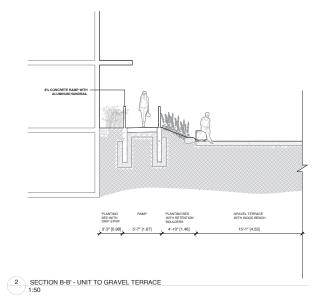


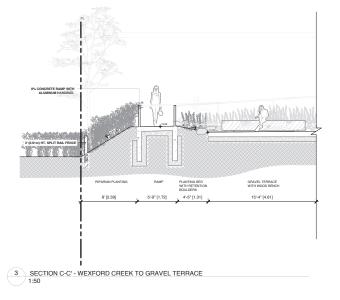
1608 Camosun Street, Victoria BC V8T 3E6 Info@biophiliacollective.ca 250 590 1156

OWNERCLIENT: M'AKOLA DEVELOPMENT SERVICES PROJECT NAME: 1435 CRANBERRY FAMILY HOUSING

PROJECT ADDRESS: 1435 CRANBERRY RD, NANAIMO, BC

DESIGNED BY: BB, LB DRAWN BY: LB





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 Dissipation

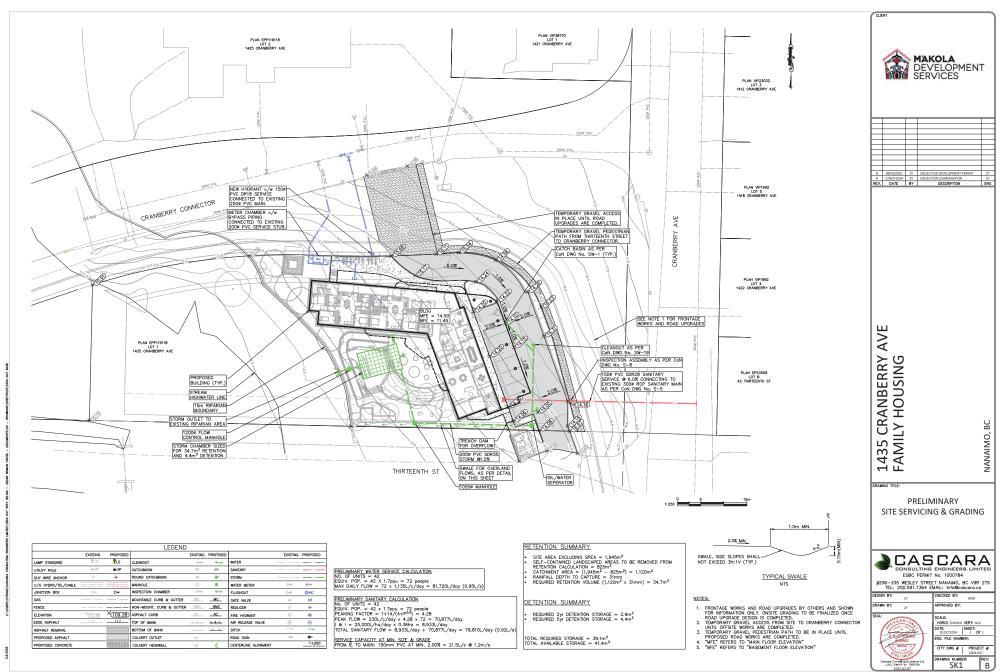
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DRAWING TITLE: SECTIONS





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