

# 1435 CRANBERRY FAMILY HOUSING

1435 CRANBERRY AVE, NANAIMO, BC

## 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

### GENERAL:

1. DO NOT PROCEED IN UNCERTAINTY.
2. DO NOT SCALE DRAWINGS.
3. DRAWINGS AND SPECIFICATIONS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS/SPECIFICATIONS IN THIS PROJECT SET. ANY DISCREPANCIES AMONG DRAWINGS, SPECIFICATIONS AND INDUSTRY BEST PRACTICES TO BE REPORTED TO THE PROJECT / CONSTRUCTION MANAGER AND THE LANDSCAPE CONSULTANT FOR DIRECTION.
4. ALL LANDSCAPE SPECIFICATION SECTIONS AND DRAWINGS ARE AFFECTED BY REQUIREMENTS OF DIVISION 01 SECTIONS (PROVIDED IN THE PROJECT MANUAL).
5. CONTRACTOR TO FAMILIARIZE THEMSELVES WITH ALL SITE CONDITIONS, INCLUDING THE LIMITS OF WORK AND EXISTING FEATURES TO BE PROTECTED, PRIOR TO SUBMITTING BIDS/QUOTES.
6. CONTRACTOR TO CONFIRM LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES/FEATURES PRIOR TO COMMENCING WORK.
7. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT SITE FEATURES / CONDITIONS, WITHIN AND BEYOND THE LIMITS OF WORK EXISTING AT THE TIME OF CONSTRUCTION. ALL DISTURBED SURFACES, AREAS, STRUCTURES, VEGETATION, HABITAT ETC. ON PUBLIC / PRIVATE PROPERTY TO PROMPTLY BE RESTORED TO EQUAL OR BETTER CONDITION THAN EXISTING AND TO THE SATISFACTION OF THE MUNICIPALITY HAVING JURISDICTION / PROPERTY OWNER.
8. CONTRACTOR TO MAINTAIN THE SITE IN A SAFE AND TIDY CONDITION AT ALL TIMES. DO NOT OBSTRUCT PEDESTRIAN OR VEHICULAR CIRCULATION. DO NOT LEAVE UNPROTECTED HOLES / PITS / OPENINGS OVERNIGHT. ALL EXCESS MATERIALS AND REFUSE TO BE REMOVED FROM THE SITE DAILY UNLESS OTHERWISE DIRECTED BY THE CONSTRUCTION MANAGER.

### STANDARDS:

1. ALL WORK ON MUNICIPAL PROPERTY TO CONFORM TO THE CITY OF NANAIMO DEVELOPMENT STANDARDS.
2. ALL LANDSCAPE WORK ON THE DEVELOPMENT SITE TO CONFORM TO THE Canadian Landscape Standard (CLS), UNLESS SPECIFICALLY STATED OTHERWISE IN WRITTEN SPECIFICATIONS AND ON DRAWINGS.
3. ALL HARD SURFACE (INCLUDING BUT NOT LIMITED TO PAVING, CONCRETE RETAINING WALLS AND CONCRETE PLANTERS) TO CONFORM TO THE Master Municipal Construction Documents Association PLATINUM EDITION (MMCD) AND MMCD SUPPLEMENTAL DRAWINGS AND SPECIFICATIONS, UNLESS SPECIFICALLY STATED OTHERWISE IN WRITTEN SPECIFICATIONS AND ON DRAWINGS.
4. IN CASES OF CONFLICT BETWEEN THE CLS AND THE MMCD, THE MORE STRINGENT REQUIREMENT WILL TAKE PRECEDENCE.
5. LANDSCAPE CONTRACTOR TO BE FAMILIAR WITH MUNICIPAL DEVELOPMENT STANDARDS AND BE IN POSSESSION OF THE CLS AND MMCD MANUALS AND SUPPLEMENTAL DRAWINGS AND SPECIFICATIONS.
6. GROWING MEDIUM AND GROWING MEDIUM TESTING TO CLS Section 6.
7. IRRIGATION DESIGN AND INSTALLATION TO IABC STANDARDS AND CLS Section 5.

### 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.

### GROWING MEDIUM TESTING:

1. GROWING MEDIUM TEST RESULTS ARE MANDATORY.
2. TEST RESULTS TO INCLUDE ANALYSIS OF ALL GROWING MEDIUM NUTRIENTS NOTED IN CLS 5.4.4 AND ARE TO BE REPORTED IN THE SAME UNITS AS NOTED IN THAT SECTION.
3. TEST RESULTS TO INCLUDE ANALYSIS OF SOIL TEXTURE, ORGANIC CONTENT AND ACIDITY AS PER CLS 5.10 AND BE REPORTED IN THE SAME UNITS AS NOTED IN THAT SECTION.
4. TEST RESULTS TO INCLUDE RECOMMENDATIONS FOR AMENDMENTS TO MEET THE REQUIREMENTS FOR EACH GROWING MEDIUM TYPE.
5. RECOMMENDED GROWING MEDIUM TESTING FACILITY: Pacific Soil Analysis Inc. 11720 Voyageur Way, Richmond, BC V6X 3G9.

### 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:

1. REQUESTS FOR SUBSTITUTIONS TO CONFORM TO THE DIVISION 01 SECTION AND BE SUBMITTED TO THE LANDSCAPE CONSULTANT, THROUGH THE PROJECT ADMINISTRATOR, A MINIMUM OF 45 DAYS PRIOR TO SCHEDULED WORK.
2. PLEASE NOTE THAT SOME SUBSTITUTIONS MAY REQUIRE MUNICIPAL APPROVAL.

### WARRANTY:

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

### ENVIRONMENTAL PROTECTION:

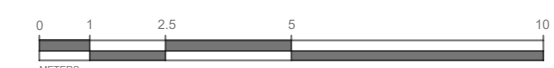
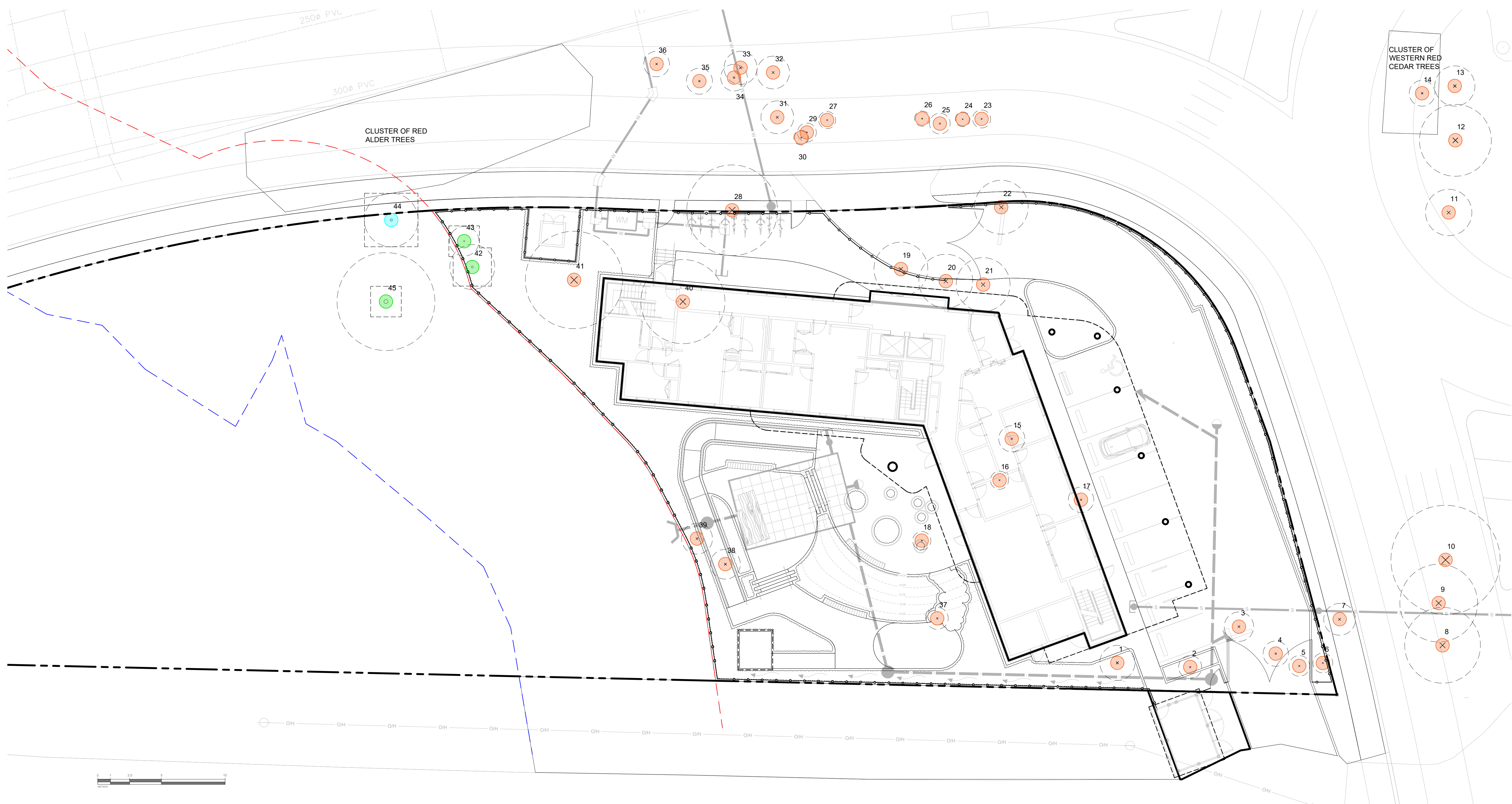
1. CONTRACTOR TO INSTALL AND MAINTAIN SEDIMENTATION FILTRATION MEASURES AS REQUIRED FOR LANDSCAPE WORKS TO PREVENT MATERIALS FROM LEAVING THE SITE AND / OR ENTERING STORM DRAINS; STOCKPILED LANDSCAPE MATERIALS ARE TO BE KEPT TARPED.



8	REVISED AND RE-ISSUED FOR DP	25/02/26
7	ISSUED FOR COORDINATION	25/01/20
6	ISSUED FOR DRAFT DP	25/01/16
5	ISSUED FOR COORDINATION	24/12/12
4	ISSUED FOR DP	24/09/20
3	ISSUED FOR COORDINATION	24/09/13
2	ISSUED FOR REVIEW	24/09/06
1	ISSUED FOR REVIEW	24/08/20
NO.	ISSUE	YY/MM/DD



DRAWING TITLE:  
**TREE MANAGEMENT PLAN**

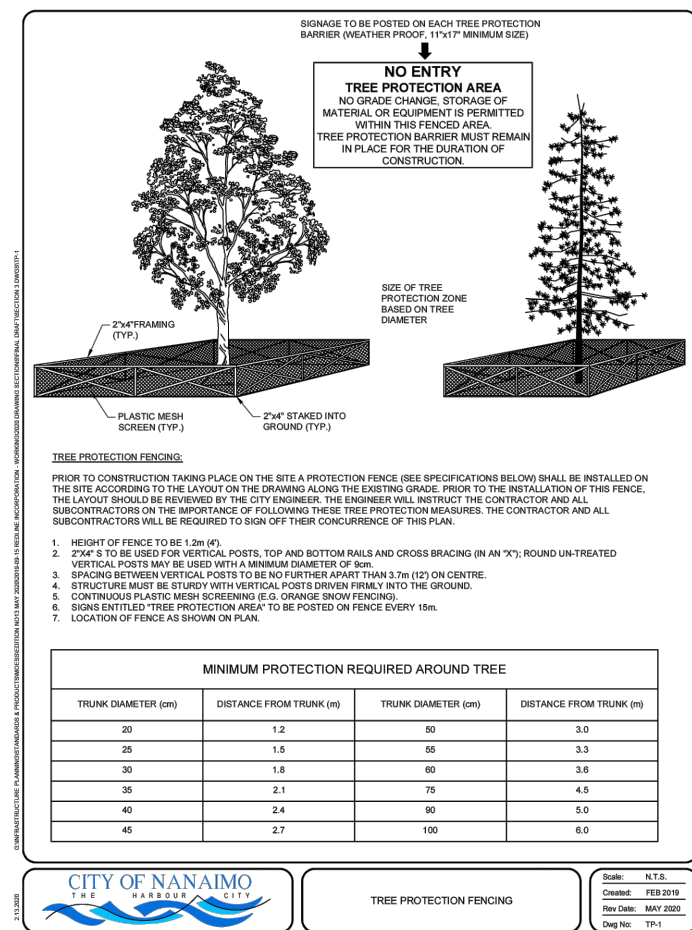


**LEGEND**

- PROPERTY LINE
- BUILDING FOOTPRINT
- ROOF ABOVE
- 15m SPEA BOUNDARY
- STREAM BOUNDARY
- 8' (2.43m) HT. SOLID WOOD FENCE
- 3' (0.91m) HT. SPLIT RAIL FENCE
- PROPOSED CONTOUR
- PROTECTION FENCE
- EXISTING TREE TO BE REMAIN
- EXISTING TREE TO BE REMOVED
- TREE FOR REMOVAL
- TREE TO RETAIN AND MONITOR
- TREE POSSIBLE FOR REMOVAL

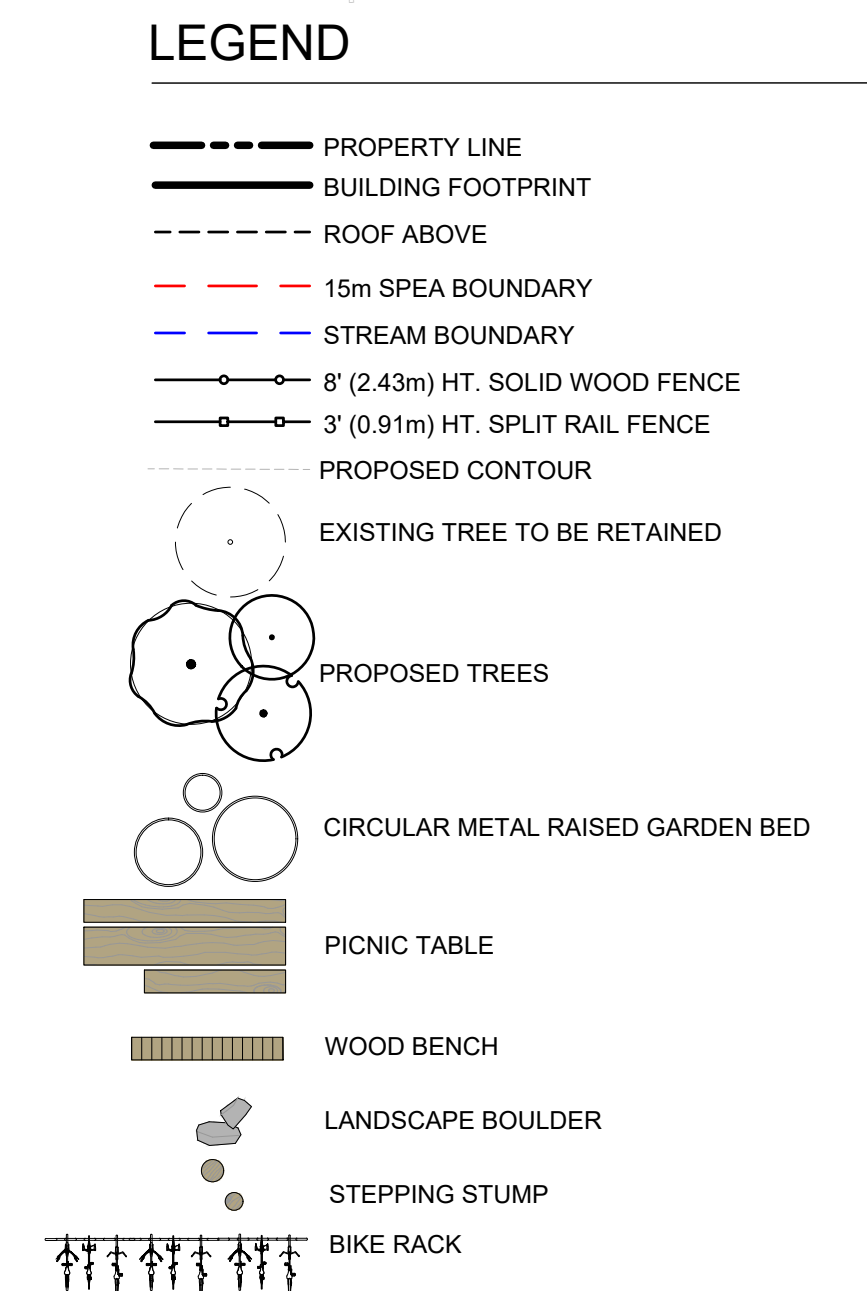
Table 1. Trees at 1435 Cranberry Avenue, Nanaimo BC that have the potential to be impacted by the proposed development activities.

ID	DBH (cm)	Species	Condition	Defect	Health	Height (m)	Crown spread (m)	RPA (m)	Action	Notes
1	20	Heathorn	Good	None	Yes	8	6	1.2	Remove	MSP streamline Heathorn adjacent to telephone pole
2	8	Canada	Good	None	Yes	7	3	0.8	Remove	
3	12	Cherry	Poor	Dead top	Yes	5	3	0.72	Remove	Ornamental Cherry, poor condition
4	10	Cherry	Fair	Decaying top with weakly attached leader at defect	Yes	5	3	0.8	Remove	Pruning dead, offset to west at this time of year
5	10	Canada	Good	None	Yes	6	3	0.8	Remove	MSP stream
6	10	Heathorn	Good	None	Yes	6	3	0.8	Remove and monitor	
15	10	Heathorn	Good	None	Yes	5	3	0.8	Remove	
16	7	Heathorn	Good	None	Yes	5	2	0.62	Remove	
17	7	Heathorn	Good	None	Yes	4	2	0.42	Remove	
18	7	Canada	Good	None	Yes	4	2	0.42	Remove and monitor	
19	8	Heathorn	Good	None	Yes	6	3	0.49	Remove	
20	12	Heathorn	Good	None	Yes	6	3	0.72	Remove	
21	8	Heathorn	Good	None	Yes	5	2	0.49	Remove	
22	10	Heathorn	Good	None	Yes	4	3	0.8	Remove	
37	10	Big leaf maple	Good	None	Yes	10	3	0.8	Remove	
38	8	Heathorn	Good	None	Yes	5	3	0.56	Remove	
39	8	Heathorn	Good	None	Yes	5	4	0.43	Remove	
40	7	Heathorn	Good	None	Yes	5	3	0.62	Remove	
41	80	Willow sp.	Good	Previous partial root failure	No	13	12	3.6	Remove	Tree has lean to the south from previous partial root failure. Does not appear to be a safety hazard.
42	25	Willow sp.	Good	None	Yes	16	5	1.5	Remove and monitor	
43	15	Willow sp.	Good	None	Yes	16	4	0.8	Remove and monitor	
44	25	Willow sp.	Good	Damage from wind	Yes	16	8	2.1	Possible Remove	
45	20	Red alder	Good	None	Yes	16	4	1.6	Remove and monitor	Tree has slight lean to the south from previous partial root failure.
7	17	Heathorn	Good	None	Yes	7	4	1.02	Remove	
8	49	Big leaf maple	Poor	Decaying top with weakly attached leader at defect	No	18	6	2.84	Remove	
9	50	Big leaf maple	Good	Decaying top with weakly attached leader at defect	Yes	20	6	3	Remove	
10	10	Hopwood	Good	None	Yes	20	10	1.2	Remove	
11	10	Catalpa	Fair	Floor structure	Yes	8	5	1.8	Remove	Defect was observed to date
12	27	Hopwood	Good	None	Yes	18	6	1.8	Remove	
13	28	Big leaf maple	Good	None	Yes	18	4	1.06	Remove	
14	10	Big leaf maple	Good	None	Yes	18	3	0.99	Remove	
23	10	Red alder	Fair	Dead top	Yes	4	2	0.5	Remove	
24	7	Big leaf maple	Good	None	Yes	7	2	0.62	Remove	
25	13	Red alder	Fair	Decaying top	Yes	6	4	0.78	Remove	
26	9	Red alder	Poor	Dead top	Yes	6	2	0.64	Remove	
27	9	Red alder	Poor	Dead top	Yes	6	2	0.64	Remove	
28	10	Red alder	Poor	Decaying top	Yes	10	3	0.8	Remove	
29	9	Red alder	Poor	Decaying top	Yes	7	3	0.68	Remove	
31	21	Willow sp.	Good	None	Yes	11	5	1.29	Remove	
32	20	Red alder	Fair	Dead top	Yes	8	5	1.2	Remove	
33	20	Cherry	Fair	Decaying top	Yes	8	3	1.2	Remove	
34	14	Red alder	Good	None	Yes	10	4	0.84	Remove	
35	14	Heathorn	Good	None	Yes	8	3	0.84	Remove	
36	10	Red alder	Good	None	Yes	7	4	0.8	Remove	Tree skewed



**TREE MANAGEMENT PLAN NOTES:**

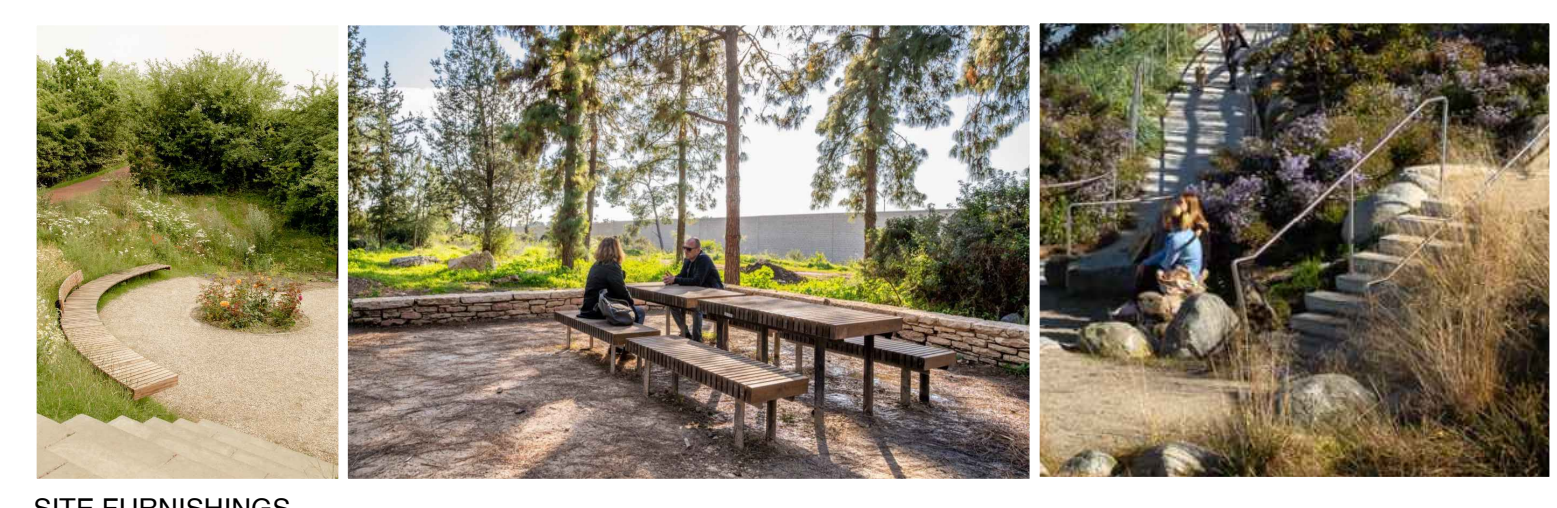
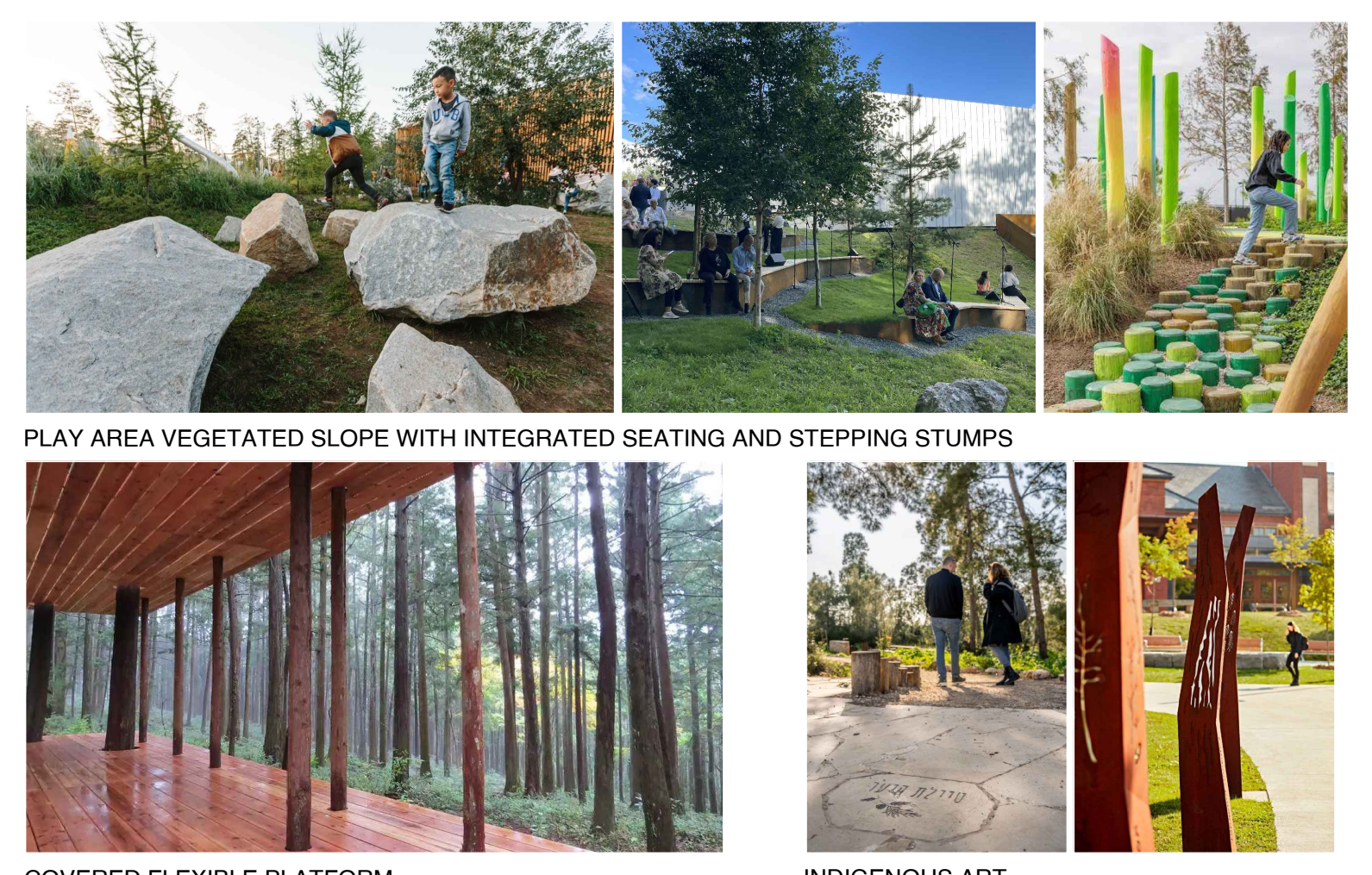
- IF REQUIRED, REPLACEMENT OF PUBLIC TREES ON PUBLIC PROPERTY TO BE COORDINATED WITH THE CITY OF NANAIMO.
- NO TREES WITHIN THE WEXFORD CREEK ESA ARE TO BE REMOVED UNLESS RECOMMENDED BY THE PROJECT ARBORIST OR BIOLOGIST AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.



**MATERIALS SCHEDULE**

SYMBOL	DESCRIPTION	QTY
[Green Box]	PLANTING AREA	462.6 m <sup>2</sup>
[Hatched Box]	ENVIRONMENTAL SENSITIVE AREA (ESA) - AREA TO POTENTIALLY BE RESTORED IN COLLABORATION WITH THE PROJECT BIOLOGIST	832.7 m <sup>2</sup>
[Brown Box]	RAISED GARDEN BED	10.6 m <sup>2</sup>
[Light Green Box]	OFF-SITE PLANTING - TO CITY OF NANAIMO STANDARDS	471.1 m <sup>2</sup>
[Dark Green Box]	PAVING TYPE A: CIP CONCRETE - ACID WASH FINISH	302.3 m <sup>2</sup>
[Wood Grain Box]	PAVING TYPE B: ENGINEERED WOOD FIBER	21.6 m <sup>2</sup>
[Light Grey Box]	PAVING TYPE C: GRAVEL	107.1 m <sup>2</sup>
[Dotted Box]	PAVING TYPE D: PERMEABLE PAVERS	500.0 m <sup>2</sup>
[Dark Wood Grain Box]	PAVING TYPE E: WOOD DECKING	14.6 m <sup>2</sup>
[Grey Box]	PAVING TYPE F: DRIP STRIP	20.1 m <sup>2</sup>
[Light Grey Box]	PAVING TYPE G: MUNICIPAL SIDEWALK - TO CITY OF NANAIMO STANDARDS	322.4 m <sup>2</sup>
[Dark Grey Box]	PAVING TYPE H: OFF-SITE PERMEABLE PAVERS	28.1 m <sup>2</sup>

**PRECEDENTS**

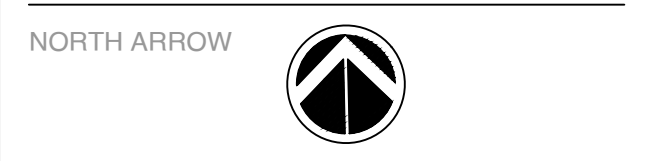
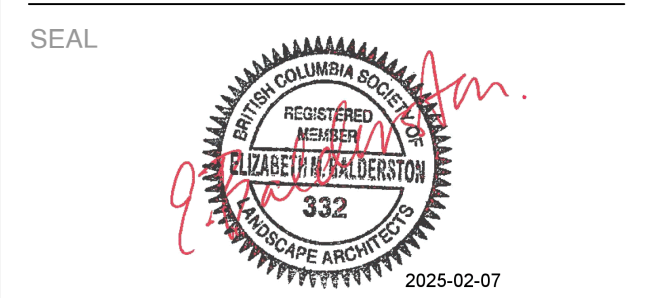


**LANDSCAPE NOTES:**

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

**RECEIVED**  
**DP1359**  
**2025-FEB-12**  
Current Planning

NO.	ISSUE	DATE
8	REVISED AND RE-ISSUED FOR DP	25/02/26
7	ISSUED FOR COORDINATION	25/01/20
6	ISSUED FOR DRAFT DP	25/01/16
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3	ISSUED FOR COORDINATION	24/09/13
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1	ISSUED FOR REVIEW	24/08/20
NO.	ISSUE	YYMMDD



DRAWING TITLE:  
**MATERIALS PLAN**

DWG NO:  
**L1.01**

SCALE: 1:150



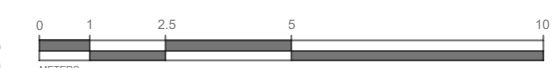
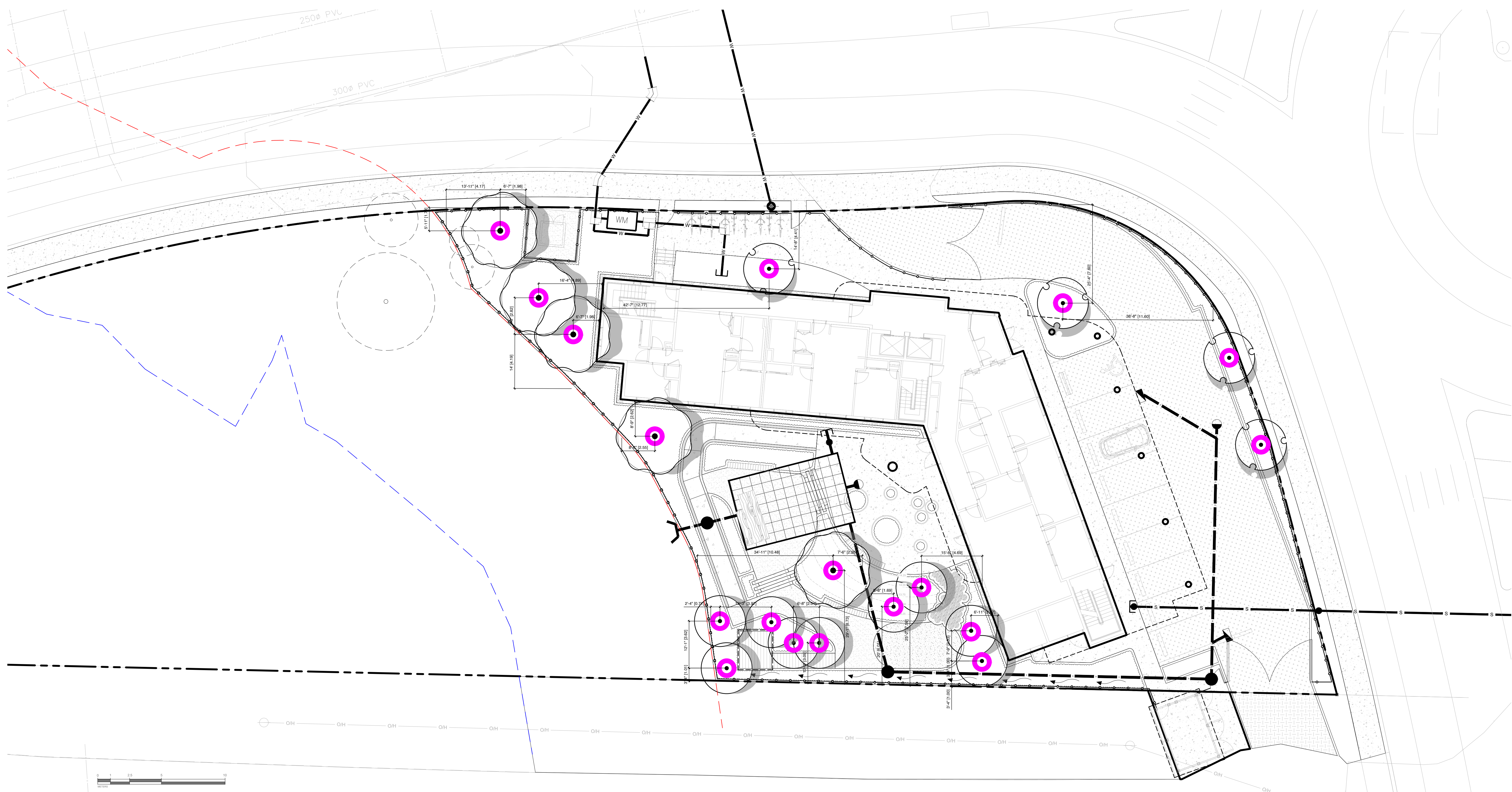
1608 Camosun Street, Victoria BC V8T 3E6  
 Info@biophilialcollective.ca 250 590 1156

OWNER/CLIENT:  
**M'AKOLA DEVELOPMENT SERVICES**

PROJECT NAME:  
**1435 CRANBERRY FAMILY HOUSING**

PROJECT ADDRESS:  
**1435 CRANBERRY RD,  
 NANAIMO, BC**

DESIGNED BY: BB, LB  
 DRAWN BY: LB



**LEGEND**

- PROPERTY LINE
- BUILDING FOOTPRINT
- ROOF ABOVE
- 15m SPEA BOUNDARY
- STREAM BOUNDARY
- 8' (2.43m) HT. SOLID WOOD FENCE
- 3' (0.91m) HT. SPLIT RAIL FENCE
- PROPOSED CONTOUR
- EXISTING TREE TO BE RETAINED
- PROPOSED TREES
- REPLACEMENT TREES

**PLANT SCHEDULE**

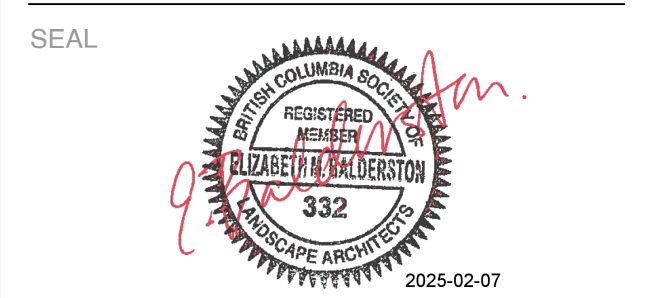
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	SPACING	COMMENTS	QTY
	CN	Cornus nuttallii / Pacific Dogwood	50mm Cal.	As Shown	B&B, Well Established	4
	PT	Populus tremuloides / Quaking Aspen	50mm Cal.	As Shown	B&B, Well Established	9
	TP	Thuja plicata / Western Red Cedar	60mm Cal.	As Shown	B&B, Well Established	5

**TREE PLANTING NOTES:**

- 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.

**RECEIVED**  
**DP1359**  
**2025-FEB-12**  
 Current Planning

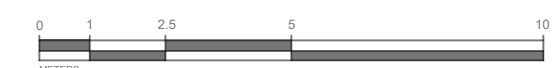
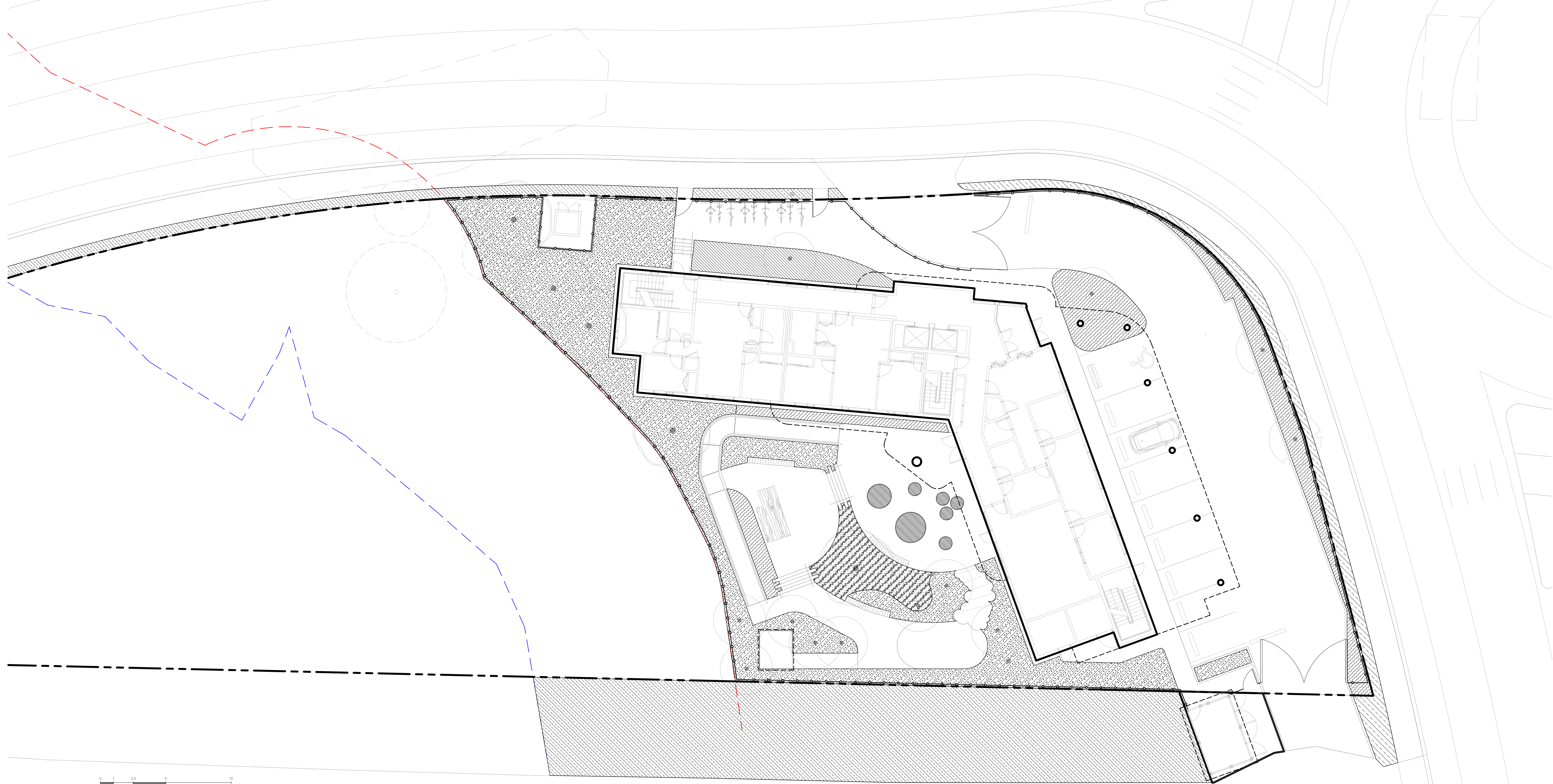
NO.	ISSUE	DATE
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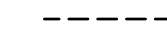

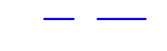
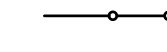
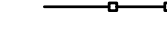


DRAWING TITLE:  
**TREE PLANTING PLAN**

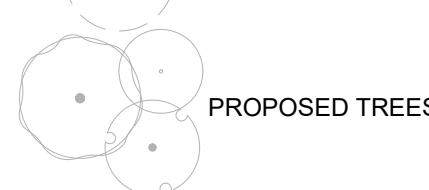
DWG NO:  
**L2.01**

SCALE: 1:150



**LEGEND**

-  PROPERTY LINE
-  BUILDING FOOTPRINT
-  ROOF ABOVE
-  15m SPEA BOUNDARY
-  STREAM BOUNDARY
-  8' (2.43m) HT. SOLID WOOD FENCE
-  3' (0.91m) HT. SPLIT RAIL FENCE
-  PROPOSED CONTOUR
-  EXISTING TREE TO BE RETAINED



**CONCEPT PLANT SCHEDULE**

PLANTING ZONE	TOTAL AREA (m²)	PLANT SPECIES	QUANTITY	PLANTING RATE
<b>RIPARIAN NATIVE PLANTING - FULL SUN</b>	311.4	<i>Achillea millefolium</i> / Common Yarrow	135 #2 POT, B&B	15% @ 0.6m o.c.
	44	<i>Artemisia suksdorfii</i> / Coastal Mugwort	1 gal., B&B	5% @ 0.6m o.c.
	240	<i>Deschampsia cespitosa</i> / Tufted Hair Grass	#1 POT, B&B	15% @ 0.45m o.c.
	79	<i>Hypericum scouleri</i> / Western St. John's Wort	1 gal., B&B	5% @ 0.45m o.c.
	159	<i>Lathyrus nevadensis</i> / Mountain Pea	#1 POT, B&B	10% @ 0.45m o.c.
	79	<i>Mentha canadensis</i> / American Corn Mint	1 gal., B&B	5% @ 0.45m o.c.
	179	<i>Rosa nutkana</i> / Nootka Rose	#2 POT, B&B	20% @ 0.6m o.c.
	20	<i>Sambucus racemosa</i> / Red Elderberry	#3 POT, B&B	5% @ 0.9m o.c.
	179	<i>Spiraea douglasii</i> / Western Spirea	#2 POT, B&B	20% @ 0.6m o.c.
	<b>NATIVE PLANTING - VEGETATED SLOPE</b>	33.6	<i>Carex obnupta</i> / Slough Sedge	86 #1 POT, B&B
43		<i>Sisyrinchium californicum</i> / Yellow-eyed Grass	#1 POT, B&B	25% @ 0.45m o.c.
43		<i>Trifolium wormskioldii</i> / Coast Clover	#1 POT, B&B	25% @ 0.45m o.c.
<b>RIPARIAN NATIVE PLANTING - PARTIAL SHADE</b>		88.3	<i>Cornus canadensis</i> / Bunchberry Dogwood	45 #1 POT, B&B
	25	<i>Gaultheria shallon</i> / Salal	25 #2 POT, B&B	10% @ 0.6m o.c.
	45	<i>Lathyrus nevadensis</i> / Mountain Pea	45 #1 POT, B&B	10% @ 0.45m o.c.
	64	<i>Polystichum munitum</i> / Western Sword Fern	64 #2 POT, B&B	25% @ 0.6m o.c.
	33	<i>Rosa nutkana</i> / Nootka Rose	33 #3 POT, B&B	30% @ 0.9m o.c.
	39	<i>Vaccinium parvifolium</i> / Red Huckleberry	39 #2 POT, B&B	15% @ 0.6m o.c.

PLANTING ZONE	TOTAL AREA (m²)	PLANT SPECIES	QUANTITY	PLANTING RATE
<b>NATIVE PLANTING - SHADE</b>	31.7	<i>Asarum canadense</i> / Wild Ginger	24 #1 POT, B&B	15% @ 0.45m o.c.
	9	<i>Athyrium filix-femina cyclosorum</i> / Common Lady Fern	#2 POT, B&B	10% @ 0.6m o.c.
	8	<i>Carex leptopoda</i> / Slender-footed Sedge	#1 POT, B&B	5% @ 0.45m o.c.
	5	<i>Dicentra spectabilis</i> / Bleeding Heart	#2 POT, B&B	5% @ 0.6m o.c.
	27	<i>Polystichum munitum</i> / Western Sword Fern	#2 POT, B&B	30% @ 0.6m o.c.
	18	<i>Rubus spectabilis</i> / Salmonberry	#2 POT, B&B	20% @ 0.6m o.c.
	14	<i>Sambucus racemosa</i> / Red Elderberry	#2 POT, B&B	15% @ 0.6m o.c.
	<b>URBAN AGRICULTURE - MEDICINAL GARDEN</b>	10.8	<i>Clinopodium douglasii</i> / Yerba Buena	13 #1 POT, B&B
13		<i>Lavandula angustifolia</i> / English Lavender	#1 POT, B&B	25% @ 0.45m o.c.
13		<i>Mentha canadensis</i> / Canada Mint	#1 POT, B&B	25% @ 0.45m o.c.
13		<i>Stachys cooleyae</i> / Cooley's Hedge Nettle	#1 POT, B&B	25% @ 0.45m o.c.
<b>OFF-SITE PLANTING</b>		466.4	Turf Seed Drought Tolerant Dwarf Fescue Blend	Seed, Seed

**PLANTING NOTES:**

- 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.

**RECEIVED**  
**DP1359**  
**2025-FEB-12**  
Current Planning

NO.	ISSUE	DATE
8	REVISED AND RE-ISSUED FOR DP	25/02/26
7	ISSUED FOR COORDINATION	25/01/20
6	ISSUED FOR DRAFT DP	25/01/16
5	ISSUED FOR COORDINATION	24/12/12
4	ISSUED FOR DP	24/09/20
3	ISSUED FOR COORDINATION	24/09/13
2	ISSUED FOR REVIEW	24/09/06
1	ISSUED FOR REVIEW	24/08/20
NO.	ISSUE	YYMMDD

SEAL



NORTH ARROW



DRAWING TITLE:

**PLANTING PLAN**

DWG NO:

**L2.02**

SCALE: 1:150



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

OWNER/CLIENT:  
**M'AKOLA DEVELOPMENT SERVICES**

PROJECT NAME:  
**1435 CRANBERRY FAMILY HOUSING**

PROJECT ADDRESS:  
**1435 CRANBERRY RD,  
 NANAIMO, BC**

DESIGNED BY: BB, LB  
 DRAWN BY: LB



**LEGEND**

- PROPERTY LINE
- BUILDING FOOTPRINT
- - - - - ROOF ABOVE
- - - - - 15m SPEA BOUNDARY
- - - - - STREAM BOUNDARY
- 8' (2.43m) HT. SOLID WOOD FENCE
- 3' (0.91m) HT. SPLIT RAIL FENCE
- - - - - PROPOSED CONTOUR
- EXISTING TREE TO BE RETAINED
- PROPOSED TREES
- REPLACEMENT TREES

**SOIL DEPTH SCHEDULE**

2025-01-21 17:27

SYMBOL	DESCRIPTION	QTY
[Hatched Box]	150mm SOIL DEPTH - GROWING MEDIUM TO CANADIAN LANDSCAPE STANDARDS	467.7 m <sup>2</sup>
[Hatched Box]	450mm SOIL DEPTH - GROWING MEDIUM TO CANADIAN LANDSCAPE STANDARDS	10.6 m <sup>2</sup>
[Hatched Box]	600mm SOIL DEPTH - GROWING MEDIUM TO CANADIAN LANDSCAPE STANDARDS	262.3 m <sup>2</sup>
[Hatched Box]	100mm SOIL DEPTH - GROWING MEDIUM TO CANADIAN LANDSCAPE STANDARDS	186.2 m <sup>2</sup>

**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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**2025-FEB-12**  
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NO.	ISSUE	YYMMDD

SEAL



NORTH ARROW



DRAWING TITLE:

**SOIL DEPTH PLAN**

DWG NO:

**L3.01**

SCALE: 1:150



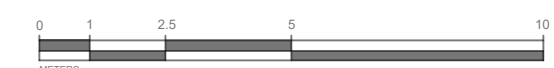
1608 Camosun Street, Victoria BC V8T 3E6  
 Info@biophilialcollective.ca 250 590 1156

OWNER/CLIENT:  
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PROJECT ADDRESS:  
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DESIGNED BY: BB, LB  
 DRAWN BY: LB



**LEGEND**

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- - - - - STREAM BOUNDARY
- 8' (2.43m) HT. SOLID WOOD FENCE
- 3' (0.91m) HT. SPLIT RAIL FENCE
- - - - - PROPOSED CONTOUR
- EXISTING TREE TO BE RETAINED
- PROPOSED TREES

**LIGHTING SCHEDULE**

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⊙	B84310 - BOLLARD TEXTURED POWDER COAR, BLACK, DIRECT BURIAL ANCHORAGE 2700K	22
⊙	B77019 - IN-GRADE LUMINAIRE BLACK, IN-GRADE 2700K (K27)	12

**LIGHTING NOTES:**

- LANDSCAPE LIGHTING TO BE COORDINATED WITH ELECTRICAL.

**RECEIVED**  
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**2025-FEB-12**  
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1	ISSUED FOR REVIEW	24/08/20
NO.	ISSUE	YY/MM/DD

SEAL



NORTH ARROW



DRAWING TITLE:

**LIGHTING PLAN**

DWG NO:

**L4.01**

SCALE: 1:150



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OWNER/CLIENT:  
**M'AKOLA DEVELOPMENT SERVICES**

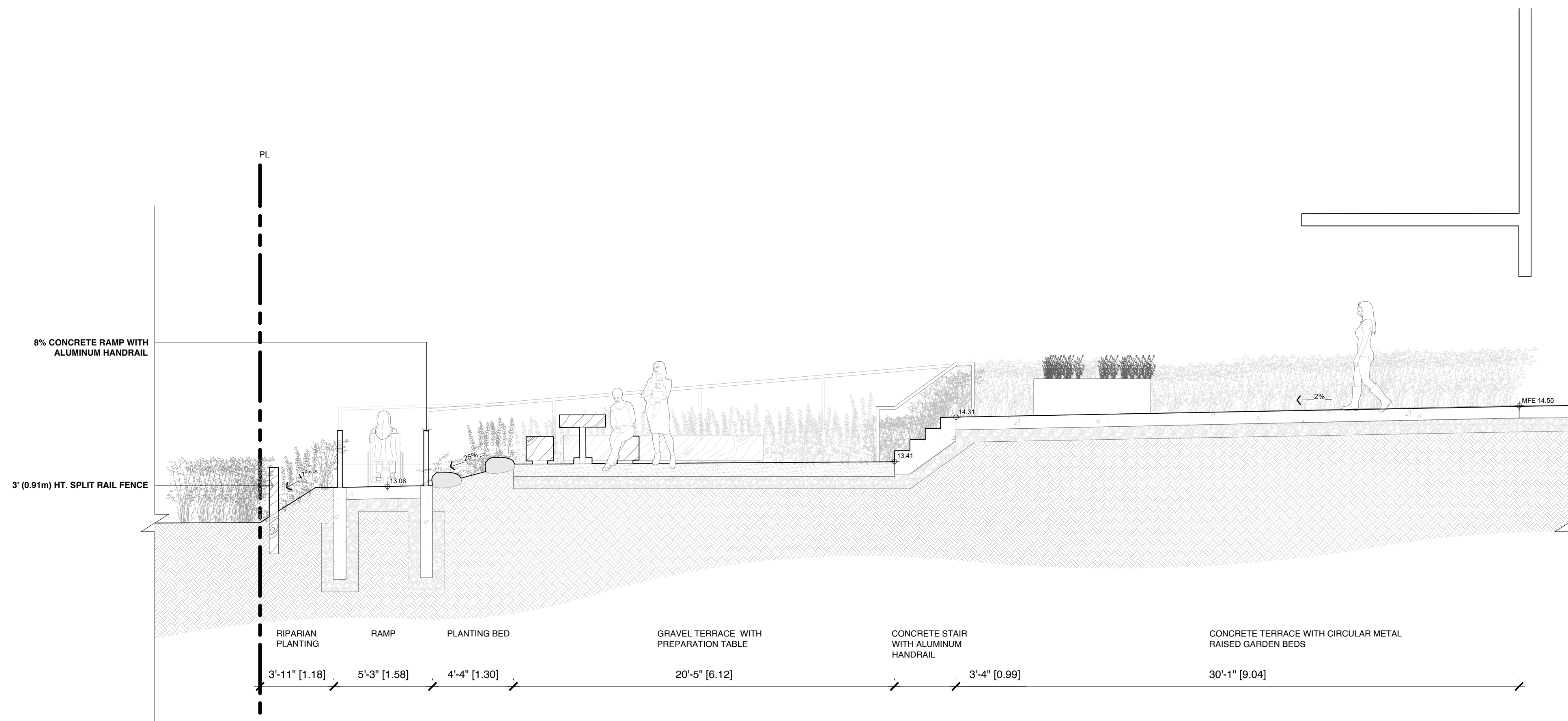
PROJECT NAME:  
**1435 CRANBERRY FAMILY HOUSING**

PROJECT ADDRESS:  
**1435 CRANBERRY RD,  
 NANAIMO, BC**

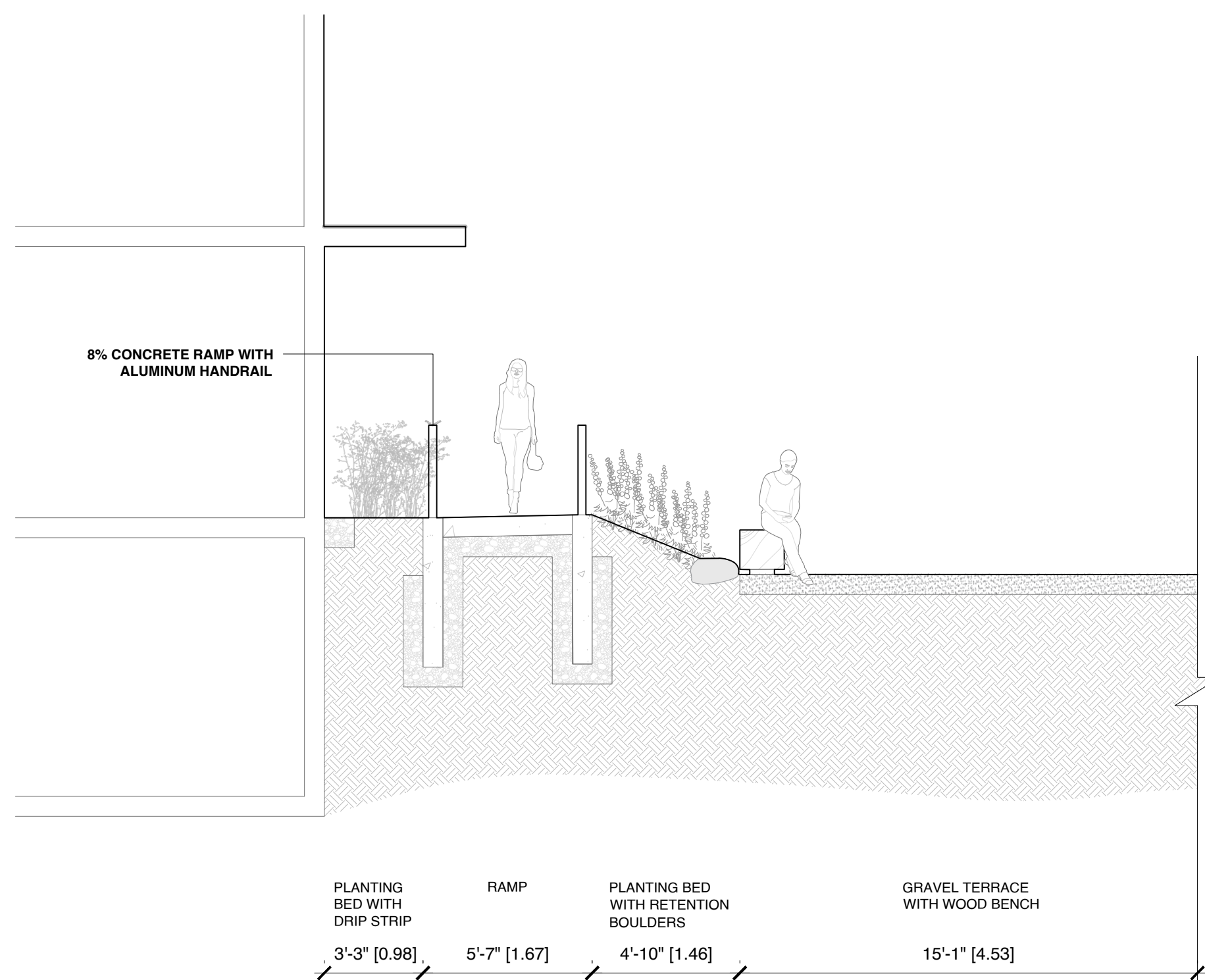
DESIGNED BY: BB, LB  
 DRAWN BY: LB



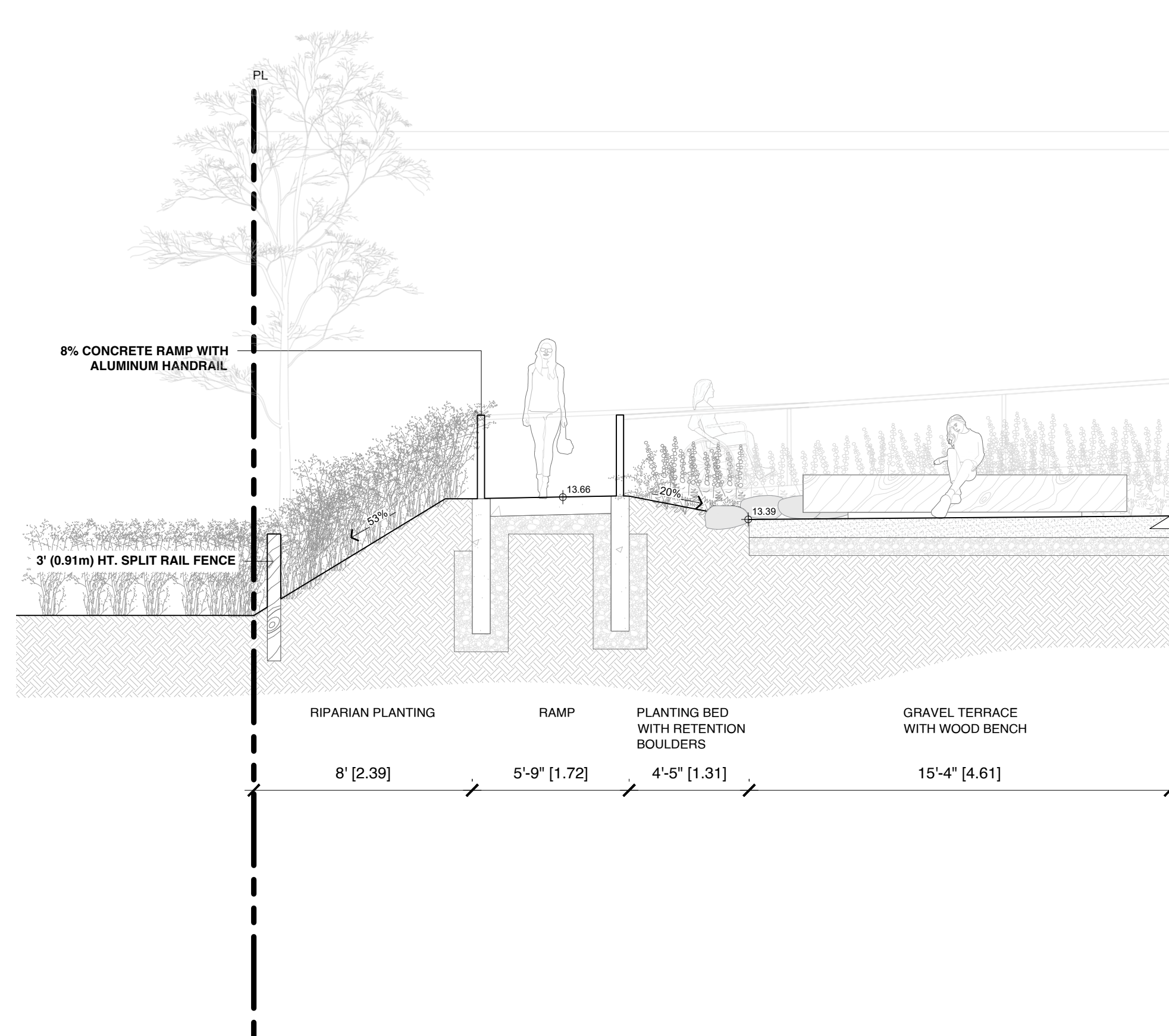
KEY PLAN



1 SECTION A-A' - RAMP TO VESTIBULE  
 1:50



2 SECTION B-B' - UNIT TO GRAVEL TERRACE  
 1:50



3 SECTION C-C' - WEXFORD CREEK TO GRAVEL TERRACE  
 1:50

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 DP1359  
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1	ISSUED FOR REVIEW	24/08/20
NO.	ISSUE	YY/MM/DD

SEAL



NORTH ARROW



DRAWING TITLE:  
**SECTIONS**

DWG NO:

**L5.01**

SCALE: 1:150