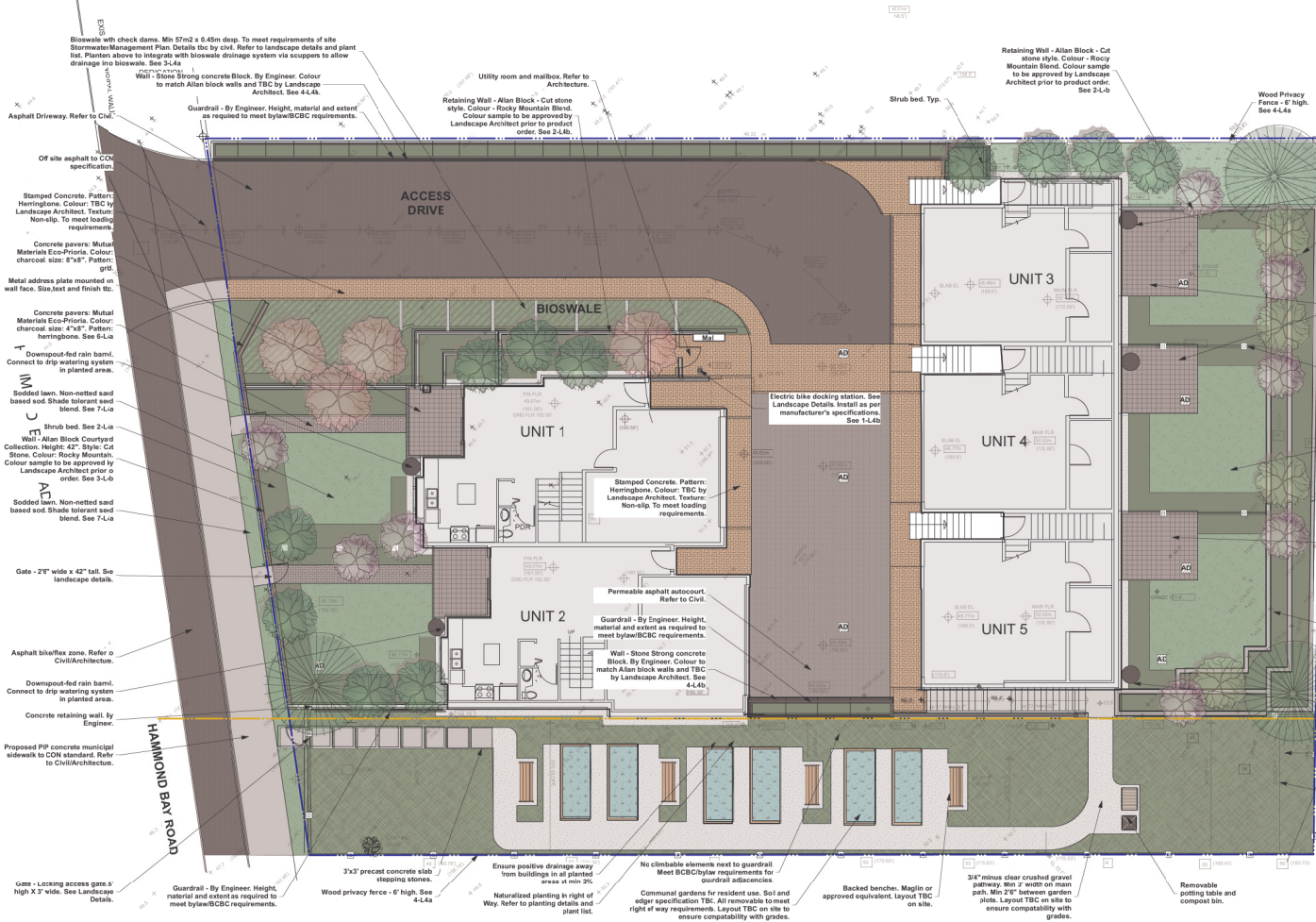


ATTACHMENT G LANDSCAPE PLAN AND DETAILS

1 of 6



- LEGEND**
- Property line - Proposed
 - Right of Way boundary
 - Permeable Asphalt: Refer to Civil.
 - Asphalt: Refer to Civil. To CON standard where off-site.
 - PIP concrete surface. Light brown finish. TYP. Concrete and subgrade to meet loading requirements.
 - Concrete pavers: Mutual Materials Eco-Primor. Colour: charcoal, size: 4"x8". Pattern: herringbone.
 - Stamped Concrete. Pattern: Herringbone. Colour: TBC by Landscape Architect. Texture: Non-slip. To meet loading requirements.
 - Concrete pavers: Mutual Materials Eco-Primor. Colour: charcoal, size: 4"x8". Pattern: grid.
 - Retaining Wall - Allan Block - Cut stone style. Colour: Rocky Mountain Blend. Colour sample to be approved by Landscape Architect prior to product order. See 2-4.6.
 - Utility room and mailbox. Refer to Architecture.
 - Guardrail - By Engineer. Height, material and extent as required to meet bylaw/BCRC requirements.
 - Shrub bed. Typ.
 - Wood Privacy Fence - 4' high. See 4-4.4a.
 - Downspout-fed rain barrel. Connect to drip watering system in planted areas. See 2-4.4a.
 - Concrete pavers: Mutual Materials Eco-Primor. Colour: charcoal, size: 4"x8". Pattern: grid.
 - Retaining Wall - Allan Block - Cut stone style. Colour: Rocky Mountain Blend. Colour sample to be approved by Landscape Architect prior to product order.
 - Wall - Stone Strong concrete Block. By Engineer. Colour to match Allan block walls and TBC by Landscape Architect.
 - Wood privacy fence - 6' high. See landscape details.
 - Wood fence - 42" high. See landscape details.
 - Shrub bed. Typ.
 - Sodded lawn. Non-netted sand based seed. Shade tolerant seed blend. See 7-4.1a.
 - Gate - 27" wide x 42" tall. See landscape details.
 - Asphalt biozone area. Refer to Civil/Architecture.
 - Downspout-fed rain barrel. Connect to drip watering system in planted area.
 - Concrete retaining wall. By Engineer.
 - Proposed PIP concrete municipal sidewalk to CON standard. Refer to Civil/Architecture.
 - Gate - Locking access gate. 6' high x 3' wide. See Landscape Details.
 - Guardrail - By Engineer. Height, material and extent as required to meet bylaw/BCRC requirements.
 - Wood privacy fence - 6' high. See 4-4.4a.
 - Ensure positive drainage away from buildings in all planted areas at min 2%.
 - Naturalized planting in right of Way. Refer to planting details and plant list.
 - Communal gardens for resident use. Soil and edger specification TSC. All removable to meet right of way requirements. Layout TBC on site to ensure compatibility with grades.
 - Backed benches. Maglin or approved equivalent. Layout TBC on site.
 - 3/4" minus clear crushed gravel pathway. Min 2' width on main path. Min 2' between garden plots. Layout TBC on site to ensure compatibility with grades.
 - Removable potting table and compost bin.
 - Naturalized planting in right of Way. Refer to planting details and plant list.
 - Right of way to comply with all relevant requirements.
 - Wood Privacy Fence - 4' high. See 4-4.4a.

Planting Notes

1. All materials and execution of landscape works shall conform to the Canadian Landscape standard. Refer to document for complete landscape documentation.

2. The Landscape Contractor shall ensure that the on-site planting medium/soil meets the specification and recommendations of the soil analysis taken at the time of Substantial Completion. All recommendations of the soil analysis shall be executed prior to Final Acceptance of the landscape works by the Consultant and the municipal authorities.

3. All plant material shall meet minimum size requirements as indicated on plant list. Quality of plant material and grading of site to conform to Canadian Landscape standard for container green stock.

4. Discrepancies between plant numbers on the plant list and on the plan should be reported to the landscape architect prior to ordering plant material. In the case where there is a discrepancy between plant numbers on the plant list and on the plan, the plan shall supersede that list.

5. All plant material to be supplied on the job site must be obtained from a nursery participating in the BCIA Phytophthora amovum Certification Program. Plant material provided by the contractor found to be carrying P will be removed, disposed of and replaced at the contractor's expense.

6. Obstructions - If obstructions or other conditions detrimental to healthy plant growth are encountered, notify the landscape architect and request additional instructions.

7. Plants shall be nursery grown under climatic conditions similar to those in the location of the project. Plants shall be healthy, vigorous and of normal habit of growth for the species. They shall be free from disease, insects, insect eggs and larvae and shall equal or exceed those indicated on the plant list. The plants shall not be pruned prior to delivery except upon special approval.

8. Root balls to be free of pernicious weeds.

9. Install 2" (50mm) of composted organic mulch on all shrub beds after planting and rake smooth.

10. The prepared sub-grade shall be approved by the Landscape Consultant prior to application of top soil mixtures and finish grading. Contact Landscape Architect 1 week before anticipated sub-grade completion date to schedule review.

11. Landscape Contractor is to provide 55 days of maintenance after the date of Substantial Completion. Maintain to level 2 'Groomed' as per Canadian Landscape Standards. Contractor to provide a one year guarantee for all plant material. Plants installed prior to June (Between Jan 1 and June 1) shall be under extended warranty until the June 1 of the following year.

12. The Landscape architect is to approve any plant material substitutions. Upon delivery, all plant material must meet CLS standards.

13. The Exact location of trees shall be determined on site and field 11 subject to obstructions where applicable.

14. All landscaping to have high efficiency irrigation system to IABC standards.

15. Minimum planting medium depths unless otherwise noted. Refer to table below.

BIRD FRIENDLY PLANTING DESIGN STRATEGIES: The landscape has been designed to maximize bird-friendly characteristics for local birds. Layered planting with groundcover, shrubs and canopy vegetation provides shelter and nesting opportunities. Fruiting plants provide a source of food and irrigation provides a continuous source of water.

Date	Issue Notes
J 2022-03-18	Re-issue for DP
I 2022-02-03	Issued for Development Permit
H 2022-02-02	Issued for Review
G 2022-01-29	Issued for Development Permit Coordination
F 2022-01-28	For Coordination: Arch Site Reviews
E 2021-03-22	Issue for Development Permit
D 2021-01-21	Issued for Review
C 2020-12-17	Issued for Coordination - IN PROGRESS. 12a Only
B 2020-11-04	Issued for Coordination

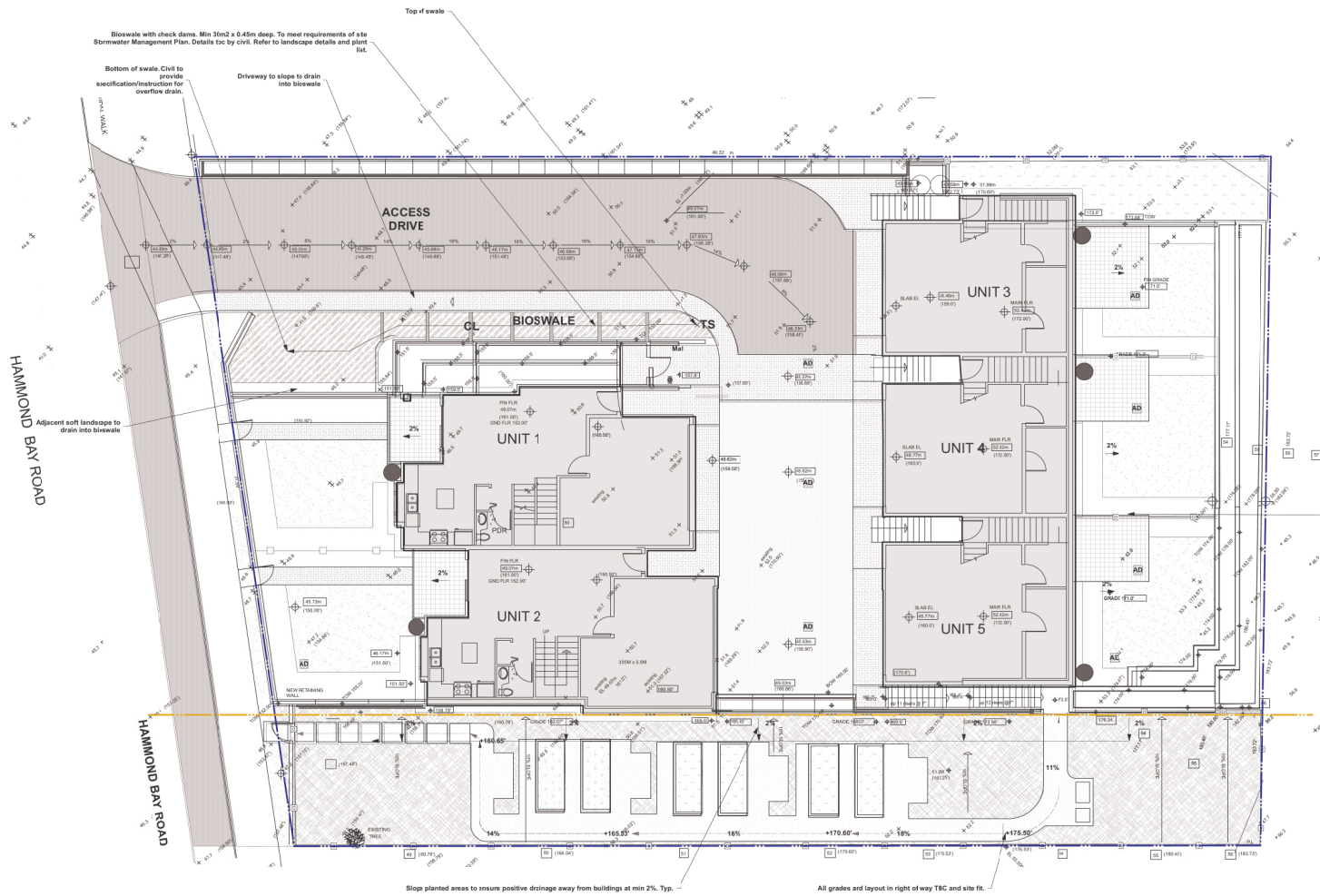
**RECEIVED
DP 1229
2022-MAR-22**

Prospect & Refuge
LANDSCAPE ARCHITECTS
412-863-1000 • 416-469-1000 • 416-469-1000
Building over 25 years of history in Jonathan Lewis, Ltd.

Project Title and Address
2020-22
4771 Hammond Bay Road, Nanaimo, B.C.

Draw Title
Landscape Illustrated Context Plan

Project Manager	AS	Project No.	2020-22
Drawn By <td>KZ<td>Date<td>1/8" = 1'-0"</td></td></td>	KZ <td>Date<td>1/8" = 1'-0"</td></td>	Date <td>1/8" = 1'-0"</td>	1/8" = 1'-0"
Reviewed By <td>JL<td>Drawn<td></td></td></td>	JL <td>Drawn<td></td></td>	Drawn <td></td>	
Date <td>OCT 2020<td><td>L2a</td></td></td>	OCT 2020 <td><td>L2a</td></td>	<td>L2a</td>	L2a



LEGEND

- Property line - Proposed
- Right of Way boundary
- Direction of flow
- 8-level area drain Typ Locations the by Civil

Grading (by Architect)

- Existing grades
- Proposed grades
- Existing contour elevation

LANDSCAPE NOTES

- All landscape construction to meet the current edition of the Canadian Landscape Standards as a minimal acceptable standard. Plant material to the satisfaction of the Landscape Standards for nursery stock. Extend search for plant material to Washington and BC.
- Sizes or the planting plan shall be considered minimum sizes.
- Root balls to be free of pernicious weeds.
- Top soil mixtures for the project shall be tested for particle size, pH, and Nutrient levels, and recommendations provided and amendments made to bring the soil up to acceptable horticultural quality for the desired plant material, trees, or turf planting. Provide verification of fertilizer and lime applications and rates during the installation and maintenance periods. Off site minimum soil depths are 8" (150mm) for lawn areas and 15" (400mm) for shrub beds and ground cover plantings. Install 2" (50mm) of composted organic mulch on all shrub beds after planting and rake smooth.
- The prepared sub-grade shall be approved by the Consultant prior to application of top soil mixtures and finish grading. Scarify compacted subgrades to a minimum depth of 6" (150mm) immediately before placing growing medium. Provide positive grades away from buildings and toward lawn drains and catch basins. Slope away from buildings at a minimum of 2%. Slope towards lawn basins at minimum 4%. Slope lawn and grass areas minimum 2% and maximum 3% slopes. Slope grass swales (without additional erosion protection) along invert minimum 1% and maximum 3% and along side slopes minimum 6:1 slope and maximum 3:1 slope.
- Landscape Contractor is to provide 55 days of maintenance after the date of Substantial Completion. Maintain to level 2 'Groomed' as per Canadian Landscape Standards. Contractor to provide a one year guarantee for all plant material. Plants installed prior to June (Between Jan 1 and June 1) shall be under extended warranty until the June 1 of the following year.
- Planting material on City Boulevard to have the approval of the Parks Dept. prior to installation. Size, species and location require approval at the time of installation.
- All landscaping to have high efficiency irrigation system to IASBC standards.

TREE NOTES

- The tree protection barriers must be built and inspected before the building permits can be issued. Please call the building inspector at local municipality and request a tree barrier inspection at least 48 hours in advance of the building permit.
- Protection of existing trees/shrubs to remain. Install temporary tree protection fencing to meet all relevant bylaws/standards at location specified by Arborist (or strip tree if unrespected) of existing hedges, trees, and shrub beds which are to remain. Maintain the fencing during construction. No storage of materials or equipment, or any other activities are allowed within the protection zone during construction until final landscape work is being done in the vicinity. Remove protective fencing as directed and landscape as directed.

J 2022-03-18 Re-issue for DP

I 2022-02-03 Issued for Development Permit

H 2022-02-02 Issued for Review

G 2022-01-26 Issued for Development Permit Coordination

F 2022-01-25 for Coordination: Arch Site Revisions

E 2021-03-22 Issue for Development Permit

D 2021-01-21 Issued for Review

C 2020-12-17 Issued for Coordination - IN PROGRESS.

B 2020-11-04 Issued for Coordination

Date	Issue Notes

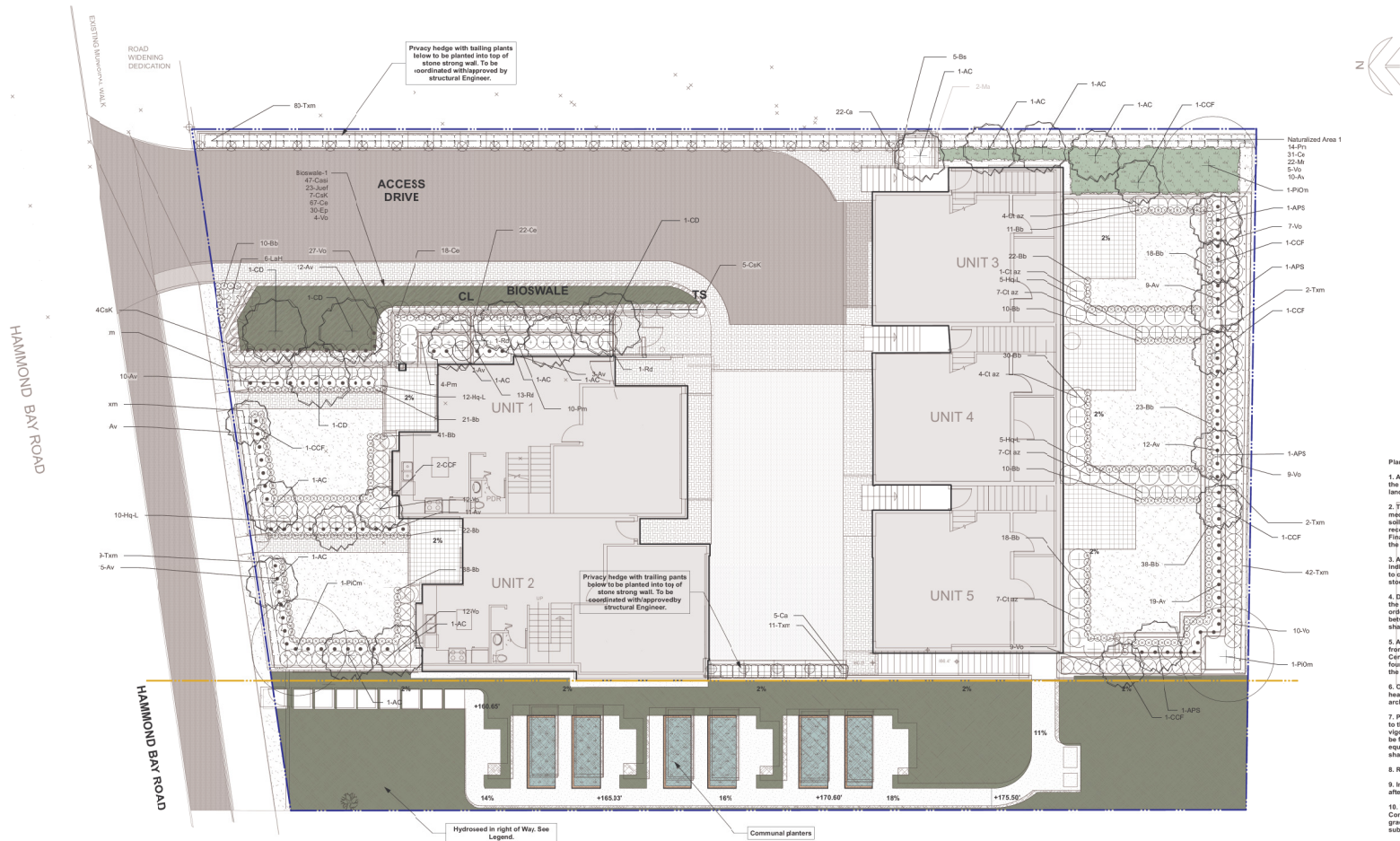
RECEIVED
DP 229
2022-MAR-22
CITY OF VANCOUVER

Prospect & Refuge
LANDSCAPE ARCHITECTS
412-565-9166 Vancouver, BC V6V 1H3
604-699-1003 info@prospectandrefuge.ca
Building over 25 years of history by Jonathan Lowes, L26.

Project Title and Address
2020-22
4771 Hammond Bay Road, Nanaimo, B.C.

Sheet Title
Landscape Grading Plan

Project Manager AS	Project No. 2020-22
Drawn By KZ	Scale 1/8" = 1'-0"
Reviewed By JL	Sheet No.
Date OCT 2020	L2b



Planting Notes

1. All materials and execution of landscape works shall conform to the Canadian Landscape standard. Refer to document for complete landscape documentation.
2. The Landscape Contractor shall ensure that the on-site planting medium/soil meets the specification and recommendations of the soil analysis taken at the time of Substantial Completion. All recommendations of the soil analysis shall be executed prior to Final Acceptance of the landscape works by the Consultant and the municipal authorities.
3. All plant material shall meet minimum size requirements as indicated on plant list. Quality of plant material and grading of site to conform to Canadian Landscape standard for container green stock.
4. Discrepancies between plant numbers on the plant list and on the plan should be reported to the landscape architect prior to ordering plant material. In the case where there is a discrepancy between plant numbers on the plant list and on the plan, the plan shall supersede the list.
5. All plant material to be supplied on the job site must be obtained from a nursery participating in the BCMA Phytophthora ramorum Certification Program. Plant material provided by the contractor found to be carrying P.r. will be removed, disposed of and replaced at the contractor's expense.
6. Obstructions - If obstructions or other conditions detrimental to healthy plant growth are encountered, notify the landscape architect and request additional instructions.
7. Plants shall be nursery grown under climatic conditions similar to those in the location of the project. Plants shall be healthy, vigorous and of normal habit of growth for the species. They shall be free from diseases, insects, insect eggs and larvae and shall equal or exceed the size indicated on the plant list. The plants shall not be pruned prior to delivery except upon special approval.
8. Root balls to be free of pernicious weeds.
9. Install 2" (50mm) of composted organic mulch on all shrub beds after planting and rake smooth.
10. The prepared sub-grade shall be approved by the Landscape Consultant prior to application of top soil mixtures and finish grading. Contact Landscape Architect 1 week before anticipated sub-grade completion date to schedule review.
11. Landscape Contractor is to provide 55 days of maintenance after the date of Substantial Completion. Maintenance to level 2 "Groomed as per Canadian Landscape Standards. Contractor to provide a one year guarantee for all plant material. Plants installed prior to June (Between Jan 1 and June 1) shall be under extended warranty until the June 1 of the following year.
12. The Landscape architect is to approve any plant material substitutions. Upon delivery, all plant material must meet CLS standards.
13. The Exact location of tree shall be determined on site and field to be subjected to observations where applicable.
14. All landscaping to have high efficiency irrigation system to IABC standards.
15. Minimum planting medium depths unless otherwise noted: Refer to table below.

BIRD FRIENDLY PLANTING DESIGN STRATEGIES: The landscape has been designed to maximize desirable characteristics for local birds. Layered planting with groundcover, shrubs and canopy vegetation provides shelter and nesting opportunities. Fruiting plants provide a source of food and irrigation provides a continuous source of water.

TREE NOTES

1. The tree protection barriers must be built and inspected before the building permits can be issued. Please call the building inspector at local municipality and request a tree barrier inspection at least 48 hours in advance of building permit.
2. Protection of existing trees/shrubs to remain: Install temporary tree protection fencing to meet all relevant bylaws/standards at location specified by Arborist or drip line if unspecified of existing hedges, trees, and shrub beds which are to remain. Maintain the fencing during construction. No storage of materials or equipment, or any other activities are allowed within the protection zone during construction until final landscape work is being done in the vicinity. Remove protective fencing as directed and landscape is directed.

PLANT LIST

ID	Latin Name	Common Name	Quantity	Scheduled Size
TREES				
AC	Acer circinnatum	Vine Maple	11	8"-B, Multistem, 8' Min height
APS	Acer palmatum dissectum 'Serrisy	Serrisy Japanese Maple	4	8"-B, 8' Min height
CCF	Cercis canadensis 'Forest Pansy'	Forest Pansy Redbud	8	8"-B, Multistem, 8' Min height
CD	Crataegus douglasii	Douglas Hawthorn	4	8"-B, Multistem, 3' Min Standard, 8' Min height
PCOm	Pinus omarika	Serbian Spruce	3	8"-B, full, Min 1.2' Tall
SHRUBS AND PERENNIALS				
Av	Aspidistra 'Visions in Purple'	Breedingham Ruby Bergenia	100	#1 pot @ 1'6" oc
Bb	Bergenia 'Breedingham Ruby'	Breedingham Ruby Bergenia	312	#1 Pot @ 1'0" oc
Bs	Blechnum spicant	Deer Fern	5	#1 pot @ 1'0" oc
Cs	Carex 'Tuxford'	Golden Sedge Grass	40	#1 pot @ 1'0" oc
CLBz	Chloroxylon 'Autumn Pearl'	Autumn Pearl Mexican orange	30	#1 pot @ 1'0" oc
Cs	Cornus amomum	Evergreen Cinnamon	27	#1 pot @ 1'0" oc
Csk	Cornus sericea 'Kelsey's Dwarf'	Dwarf Red Cedar Dogwood	9	#1 pot @ 2'6" oc
Hs-L	Hydrangea quercifolia 'Little Honey'	Dwarf Golden Oakleaf Hydrangeas	32	#1 pot @ 2'0" oc
Lh-L	Lavandula angustifolia 'Indigo'	Holocaust Lavender	8	#1 pot @ 1'6" oc
Pm	Polystichum munum	Sword Fern	14	#1 pot @ 2'0" oc
Tm	Thalictrum 'meda yellow'	Hilly Yew	159	1.25m tall full throughout
Vb	Vaccinium ovatum 'Thunderbolt'	Thunderbolt Evergreen Huckleberry	5	#3 pot @ 2'0" oc

NOTE: Where individual plant location is not indicated, the intention is a "naturalized" plant layout, with plants arranged in informal groupings of varied sizes at the spacing indicated. Groups to be no less than 5 plants and no more than 11 of same type plants.

PLANT LIST

ID	Latin Name	Common Name	Quantity	Scheduled Size
NATURALIZED AREA 1				
Av	Aspidistra 'Visions in Purple'	Aspidistra 'Visions in Purple'	10	#1 pot @ 1'6" oc
Cs	Carex 'Tuxford'	Golden Sedge Grass	31	#1 pot @ 1'0" oc
W	Wolffia repens	Creeperly oregon grape	12	#1 pot @ 1'0" oc
Pm	Polystichum munum	Sword Fern	14	#1 pot @ 2'0" oc
Vb	Vaccinium ovatum 'Thunderbolt'	Thunderbolt Evergreen Huckleberry	5	#3 pot @ 2'0" oc
BIOSWALE				
Csk	Cornus sericea	Silky sedge	47	#1 pot @ 1'6" oc
Jef	Juncus effusus	Soft Rush	23	#1 pot @ 1'6" oc
Csk	Cornus sericea 'Kelsey's Dwarf'	Dwarf Red Cedar Dogwood	7	#1 pot @ 2'6" oc
Cs	Carex 'Tuxford'	Golden Sedge Grass	47	#1 pot @ 1'0" oc
Bp	Blechnum repens	Purple Corn Dogwood	30	#1 pot @ 1'6" oc
Vb	Vaccinium ovatum 'Thunderbolt'	Thunderbolt Evergreen Huckleberry	4	#3 pot @ 2'6" oc

NOTE: Seed quantities for hydroseeded area are not included in plant list tables. Refer to legend for hydroseeded specifications.

LEGEND

- Property line - Proposed
- Right of Way boundary
- Bioswale with check dams. Min 3m x 20cm deep. To meet requirements of site Stormwater Management Plan. Details the by civil. Refer to landscape details and plant list.
- Naturalized area. Refer to planting details and plant list.
- Sodded lawn. Non-irrigated sand based soil. Shade tolerant seed blend. See landscape details.
- Hydroseeded - Premier Pacific, Seed Coastal Revegetation Mix. Applied at 75 lbs per Acre with medium quantities of tackifier and mulch. Review and confirm areas with product supplier and installer prior to ordering.
- Communal gardens for resident use. Soil and edge spec the. All removable to meet ROW requirements.

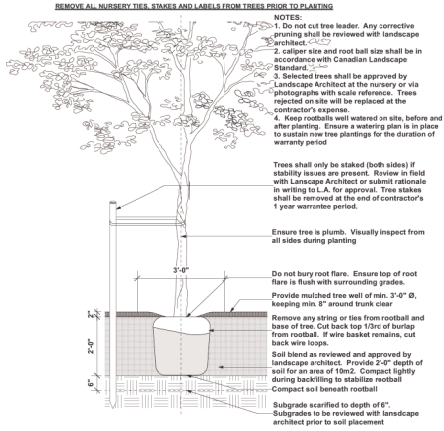
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I	2023-02-03	Issued for Development Permit
H	2022-02-02	Issued for Review
G	2022-01-26	Issued for Development Permit Coordination
F	2021-01-26	for Coordination: Arch Site Revisions
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B	2020-11-04	Issued for Coordination
Date	Issue Notes	



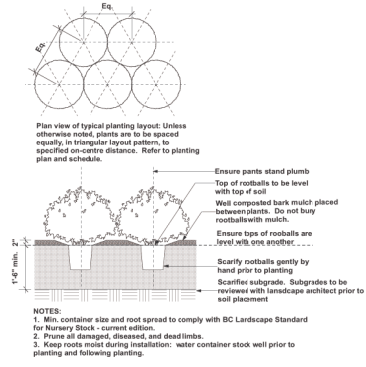
Prospect & Refuge
LANDSCAPE ARCHITECTS
#1 865 W. 10th Avenue, Nanaimo, BC V9R 1B3
250-755-1000 | info@prospectandrefuge.ca
Building over 25 years of history as Jonathan Lewis Ltd.

Project No and Address
2020-22
4771 Hammond Bay Road, Nanaimo, B.C.

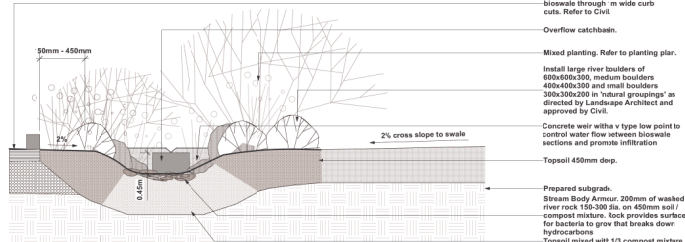
Landscape Planting Plan			
Project Manager	AS	Project No.	2020-22
Drawn By	KZ	Scale	1/8" = 1'-0"
Reviewed By	JL	Drawn No.	
Date	OCT 2020		L3



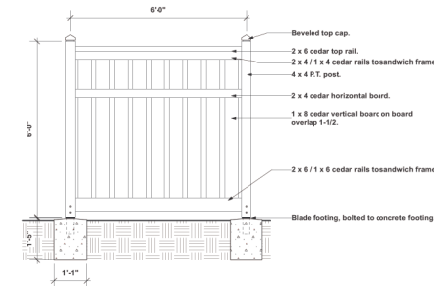
1 Tree Planting on Grade
Scale: 1/2" = 1'-0"



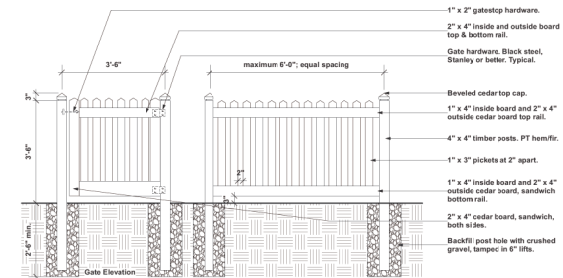
2 Perennial and Shrub Planting on Grade
Scale: 1/2" = 1'-0"



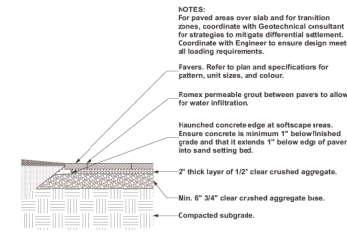
3 Bioswale Cross-Section Typical
Scale: 1/2" = 1'-0"



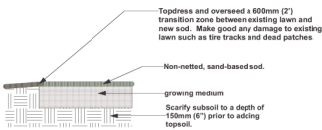
4 6'-0" ht. Privacy Fence
Scale: 1/2" = 1'-0"



5 3'-6" ht. Picket Fence with Gate
Scale: 1/2" = 1'-0"



6 Pervious Pavers on Grade
Scale: 1/2" = 1'-0"



Standard Growing Medium for Lawn offsets: Level 2 type 2 as per Canadian Landscape Standards unless otherwise noted.

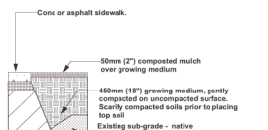
Standard Growing Medium for Lawn on-site: Level 1 type 11 as per Canadian Landscape Standards unless otherwise noted.

-Supply sample to landscape architect for approval

-Soil depths to meet or exceed Canadian Landscape Standard for growing medium.

On-Grade: 6" for irrigated turf, 9" for non-irrigated.

7 Lawn Installation on Grade
Scale: 1/2" = 1'-0"



Standard Growing Medium: Level 1 type 1P as per Canadian Landscape Standards unless otherwise noted.

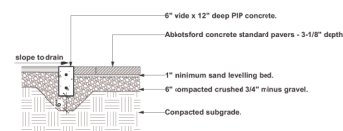
-Supply sample to landscape architect for approval

-Tree planting areas requires 3'-0" soil depth.

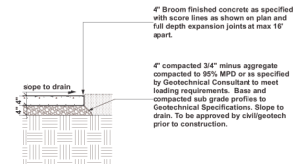
-Soil depths to meet or exceed Canadian Landscape Standard for growing medium.

On-Grade: 6" for irrigated turf, 9" non irrigated, 18" for small shrubs & 24" for large shrubs and 3'-0" for trees.

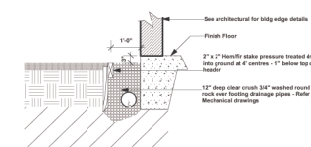
8 Soil Installation on Grade
Scale: 1/2" = 1'-0"



9 Standard Pavers with Flush Concrete Edge
Scale: 1/2" = 1'-0"

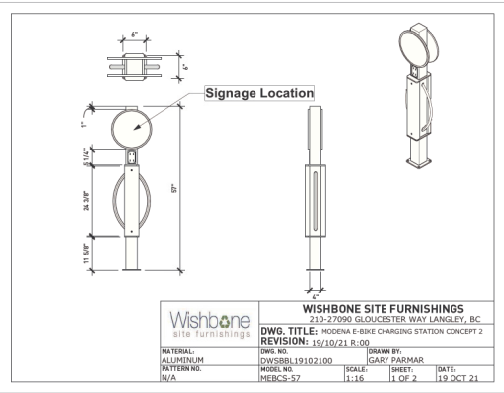


10 Concrete Walkway on Grade
Scale: 1/2" = 1'-0"



11 Gravel Drip Strip at Building Edge
Scale: 1/2" = 1'-0"

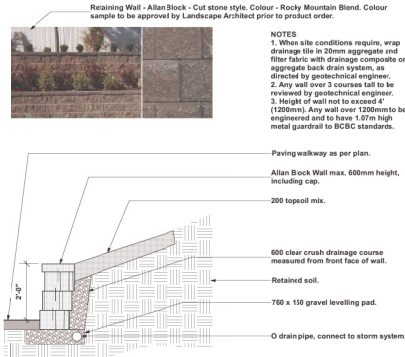
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I	2023-02-03	Issued for Development Permit
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D	2021-01-21	Issued for Review
C	2020-12-17	Issued for Coordination - IN PROGRESS.
B	2020-11-04	Issued for Coordination
Date		Issue Notes
<div>RECEIVED DP1229 2022-MAR-22</div> <div>Prospect & Refuge LANDSCAPE ARCHITECTS 412-565-7846 Vancouver, BC V6V 1G3 604-669-1003 info@prospectrefuge.ca Building for over 25 years of history in Jonathan Lewis, LSA.</div>		
Project Title and Address 2020-22 4771 Hammond Bay Road, Nanaimo, B.C.		
Draw Title Landscape Details		
Project Manager	AS	Project No. 2020-22
Drawn By	KZ	Scale as noted
Reviewed By	JL	Sheet No.
Date	OCT 2020	L4a



1 Wishbone Modena E-Bike Charging Station
L4b NTS



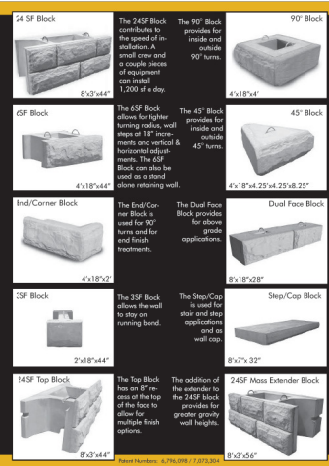
Example of Text and Potential Layout for E-Bike Charging Station



2 Allan Block Retaining Wall
L4b Scale: 1/2" = 1'-0"



3 Allan Block Freestanding Wall
L4b NTS



4 Stonestrong retaining wall system
L4b NTS



Engineered Solutions

- Gravity retaining walls
- Engineered product
- Manufactured to product specifications
- Life cycle savings
- Bigger block
- Faster installations
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take your
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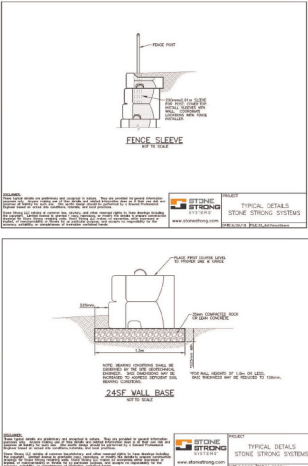
Attractive, affordable, durable, and versatile!

The massive size and scale of Stone Strong blocks make them ideal for use in large-scale applications - highway, railroad, commercial waterways to name a few - providing both an attractive and structurally sound solution for your project.

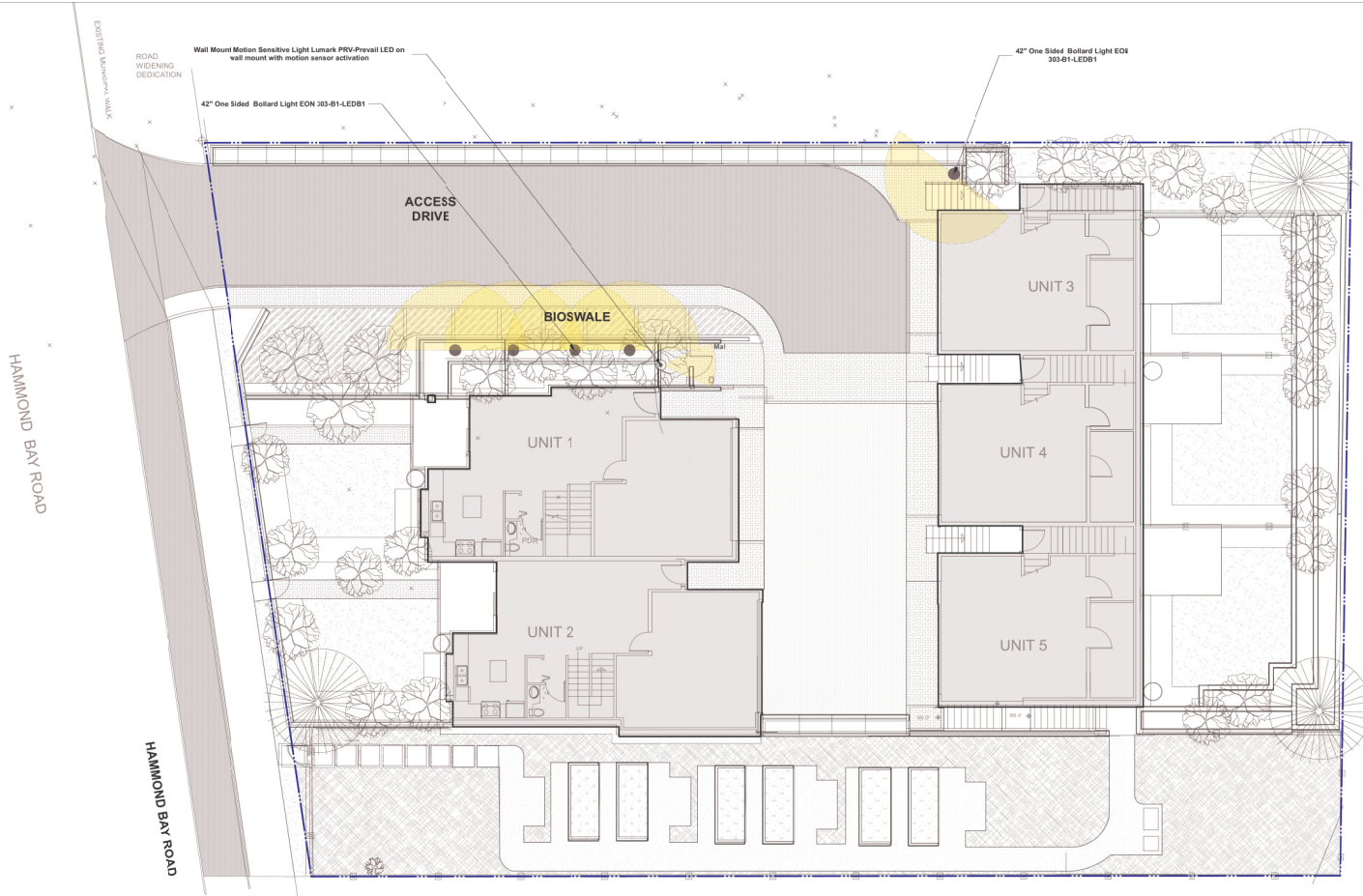
Stone Strong's main block boasts a 24 square foot face that measures 3 feet by 8 feet, making it the largest precast retaining wall block available on the market today. The web design of the block maximizes the square footage of the block with minimal concrete used. Stone Strong blocks are engineered both structurally and geotechnically. The blocks are manufactured to product specifications to assure that the units are uniform in weight, dimensional tolerances and strength, unlike other brands returned concrete is never used.

This true gravity wall system can reach heights of 12-15 feet without the use of geogrid or other mechanical setbacks eliminating future conflicts with utilities. Stone Strong walls are designed to meet the height requirements of large retaining walls and with proper engineering may go as high as 40 feet.

Stone Strong blocks feature a void in the middle of the block allowing for free draining aggregate inside the wall creating an internal drainage system. The aggregate infill also provides interlocking strength creating a continuous mass. Additional aggregate backfill material is not required behind the blocks due to this internal drainage system, saving considerable time in installation and excavating costs.



J	2022-03-18	Re-Issue for DP
I	2022-02-03	Issued for Development Permit
H	2022-02-02	Issued for Review
G	2022-01-26	Issued for Development Permit Coordination
F	2022-01-25	For Coordination: Arch Site Revisions
E	2021-03-22	Issue for Development Permit
D	2021-01-21	Issued for Review
C	2020-12-17	Issued for Coordination - IN PROGRESS.
B	2020-11-04	Issued for Coordination
Date		Issue Notes
RECEIVED DP 1229 2022-NAR-22 CUTTING PLANS		
Prospect & Refuge LANDSCAPE ARCHITECTS 4712-165 W. 4th Avenue, Vancouver, BC V6J 1G3 604-689-1003 info@prospectrefuge.ca Building over 25 years of history in Jonathan Lewis, Ltd.		
Project Title and Address 2020-22 4771 Hammond Bay Road, Nanaimo, B.C.		
Draw Title Landscape Details		
Project Manager	AS	Project No. 2020-22
Drawn By	KZ	Scale as noted
Reviewed By	JL	Sheet No.
Date	OCT 2020	L4b



LANDSCAPE NOTES

1. All landscape construction to meet the current edition of the Canadian Landscape Standards as a minimal acceptable standard. Plant material to the satisfaction of the Landscape Standards for nursery stock. Extend search for plant material to Washington and BC.
2. Sizes or the planting plan shall be considered minimum sizes.
3. Root balls to be free of pernicious weeds.
4. Top soil mixtures for the project shall be tested for particle size, Ph, and Nutrient levels, and recommendations provided and amendments made to bring the soil up to acceptable horticultural quality for the desired plant material, trees, or turf planting. Provide verification of fertilizer and lime applications and rates during the installation and maintenance periods. Off slab minimum soil depths are 6" (150mm) for lawn areas and 15" (450mm) for shrub beds and ground cover plantings. Install 2" (50mm) of composted organic mulch on all shrub beds after planting and rake smooth.
5. The prepared sub-grade shall be approved by the Consultant prior to application of top soil mixtures and finish grading. Scarify compacted subgrade to a minimum depth of 6" (150mm) immediately before placing growing medium. Provide positive grades away from buildings and toward lawn drains and catch basins. Slope away from building at a minimum of 2%. Slope towards lawn basins at minimum 4%. Slope lawns and grass areas minimum 2% and maximum 3.1 slopes. Slope grass swales (without additional erosion protection) along invert minimum 1% and maximum 10% and along side slopes minimum 6:1 slope and maximum 3:1 slope.
6. Landscape Contractor to provide 55 days of maintenance after the date of Substantial Completion. Maintain to level 2 "Groomed" as per Canadian Landscape Standards. Contractor to provide a one year guarantee for all plant material. Plants installed prior to June (between Jan 1 and June 1) shall be under extended warranty until the June 1 of the following year.
7. Planting material on City Boulevard to have the approval of the Parks Dept. prior to installation. Size, species and location require approval at the time of installation.
8. All landscaping to have high efficiency irrigation system to IABC standards.

TREE NOTES

1. The tree protection barriers must be built and inspected before the building permits can be issued. Please call the building inspector at local municipality and request a tree barrier inspection at least 48 hours in advance of the building permit.
2. Protection of existing trees/shrubs to remain: Install temporary tree protection fencing to meet all relevant bylaws/standards at location specified by Arborist (or drip line if unspecified, of existing hedges, trees, and shrub beds which to remain. Maintain the fencing during construction. No storage of materials or equipment, or any other activities are allowed within the protection zone during construction until final landscape work is being done in the vicinity. Remove protective fencing as directed and landscape as directed.

Lumark
PRV / PRV-XL/Prevail LED
Area / Site Luminaire

Interactive Menu

- Viewing Information
- General Configuration
- Product Specifications
- Energy and Performance Data
- Control System

Quick Facts

- Luminaire package range from 110W - 40,000 lumens (35W - 3000W)
- Maximum 70W up to 1,000,000 lux equivalent
- Illuminance up to 100,000 lux
- Energy and maintenance savings up to 80% versus HPS solutions
- Standard universal quick-mount arm with universal end adjuster

Dimensional Details

COOPER LIGHTING

Lumière
303-B1-LEDB1
EON LED

Product Specifications

Model	Power (W)	Beam Angle	Height (ft)	Mounting
303-B1-LEDB1	110W	120°	4.2	Wall Mount

Technical Details

COOPER LIGHTING

LEGEND

- Property line - Proposed
- Right of Way boundary
- 42" One Sided Bollard Light EON 303-B1-LEDB1
- Wall Mount Motion Sensitive Light Lumark PRV-Prevail LED on wall mount with motion sensor activation

RECEIVED
DP1229
2022-MAR-22
CIVIL PLANNING

Prospect & Refuge
LANDSCAPE ARCHITECTS
412-565-7636 | 412-565-7637
412-565-7638 | 412-565-7639
Building over 25 years of history in Vancouver, B.C.

2020-22
4771 Hammond Bay Road, Nanaimo, B.C.

Project Title and Address
Landscape Lighting Plan

Project Manager	Project No.
AS	2020-22

Drawn By	Scale
KZ	1/8"=1'-0" Unless otherwise noted

Reviewed By	Sheet No.
AS	L6

Date: 2020-10-13