

ATTACHMENT G
LANDSCAPE PLANS AND DETAILS

Westmark Construction Ltd
77 Chapel
Nanaimo, British Columbia

Landscape Sheets	
Sheet No.	Sheet Title
L0.00	Cover
L0.01	General Information
L0.02	Stormwater Management
L1.01	Landscape Materials
L1.02	Landscape Materials
L1.03	Landscape Materials - Roof
L2.01	Landscape Grading & Drainage
L2.02	Landscape Grading & Drainage
L2.03	Landscape Elevations
L3.01	Planting Plan
L3.02	Planting Plan



4	DP Resubmission	2023-02-23
3	DP Resubmission	2023-01-26
2	DP Resubmission	2022-11-08
1	DP	11/19/2021
rev no	description	date

Murdoch de Greeff INC
Landscape Planning & Design
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Phone: 250-610-0881
Fax: 250-610-0882

Scott Murdoch
341
2023-02-23

client
Westmark Construction Ltd.
#1-2535 McCullough Road
Nanaimo, BC

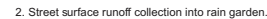
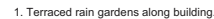
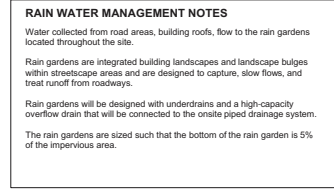
project
77 Chapel
77 Chapel
Nanaimo, BC

sheet title
Cover

project no. 121.34
scale 1:200 @ 24"x36"
drawn by MDI
checked by SM
revision no. 4 sheet no. **L0.00**

RECEIVED
DP1256
2023-FEB-23
Current Planning

SD BL AD Mechanical Drains (For reference only)





- LINE TYPE LEGEND**
- Property line
 - Right of Way
 - Extent of Roof, above
 - Extent of Parkade, below
 - Rain garden - TOP OF POOL
 - Rain garden - BOTTOM OF POOL
 - Proposed Contour Line, 0.5m interval
 - Existing Contour Line, 0.5m interval

- MATERIALS LEGEND**
- Cast in Place Concrete
Light brown finish, isolated control joints.
 - Cast in Place Concrete with Decorative Sawcuts
Light brown finish, isolated control joints.
 - Unit Paving - On Slab
Asphalt Paving Stone, 488mm x 488mm x 20mm, Dower Grey.
Stacked Bond. Supplier: Abbotsford Concrete.
 - Aggregate Surfacing
 - Rain Garden Area
 - Planting Area
 - Synthetic Lawn (Inner Courtyard)
 - Grass Area
 - Soil Cells
City Green Soil Cells or approved equivalent.
 - Metal Guardrail
Refer to Architecture.
 - Privacy Screen
Refer to Architecture.
 - Handrail
 - Concrete Retaining Wall
 - Trees

- SITE FURNISHINGS LEGEND**
- Bicycle Rack, 6 Bicycle capacity
Duro Hoop Rack, powder coated black.
 - Lounge Chair
 - Bench (Wood)
 - Picnic Table
 - Metal Planter
 - Wood Vegetable Garden Box
 - Landscape Boulder (To be sourced on site)
 - Existing Hydro Pole
 - Garbage Receptacle



1. Concrete plinth with wood topper. Lighting underneath for night time illumination.

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sheet title
Landscape Materials

project no. 121.34
scale 1:100 @ 24"x36"
drawn by MDI
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revision no. 4
sheet no. **L1.01**



LINE TYPE LEGEND

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- Existing Contour Line, 0.5m interval

MATERIALS LEGEND

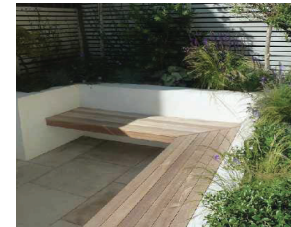
- Cast in Place Concrete
Light brown finish, isolated control joints.
- Cast in Place Concrete with Decorative Sawcuts
Light brown finish, isolated control joints.
- Unit Paving - On Slab
Aggregate Promix Slab, 488mm x 488mm x 20mm, Dower Grey.
Stacked Bond. Supplier: Abbotsford Concrete.
- Aggregate Surfacing
- Rain Garden Area
- Planting Area
- Synthetic Lawn (Inner Courtyard)
- Grass Area
- Soil Cells
City Green Soil Cells or approved equivalent.
- Metal Guardrail
Refer to Architecture
- Privacy Screen
Refer to Architecture
- Handrail
- Concrete Retaining Wall
- Trees

SITE FURNISHINGS LEGEND

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Synthetic Community Lawn



Wood Bench Seating Embedded Along Concrete Planters

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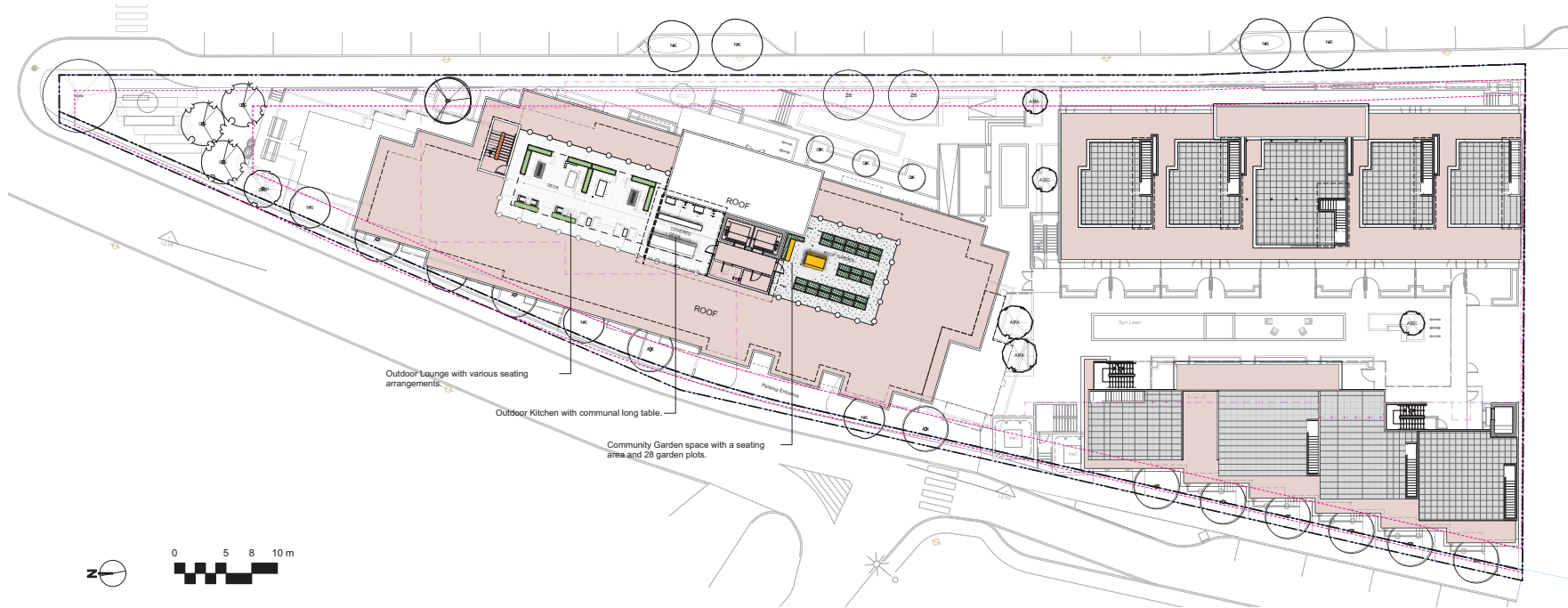
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77 Chapel
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Nanaimo, BC

sheet title
Landscape Materials

project no. 121.34
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revision no. 4
sheet no. **L1.02**



LINE TYPE LEGEND

---	Property line
---	Right of Way
---	Extent of Roof, above
---	Extent of Parkade, below
---	Rain garden - TOP OF POOL
---	Rain garden - BOTTOM OF POOL
---	Proposed Contour Line, 0.5m interval
---	Existing Contour Line, 0.5m interval

MATERIALS LEGEND

	Cast in Place Concrete Light broom finish, toolcut control joints.
	Cast in Place Concrete with Decorative Sawcuts Light broom finish, toolcut control joints.
	Unit Paving - On Slab Antislip Portland Slab, 488mm x 488mm x 20mm, Dover Grey. Standard Seal, Supplier: Antislip Portland Concrete.
	Aggregate Surfacing
	Rain Garden Area
	Planting Area
	Synthetic Lawn (Inner Courtyard)
	Grass Area
	Soil Cells City Green Soil Cells or approved equivalent.
	Metal Guardrail Refer to Architecture
	Privacy Screen Refer to Architecture
	Handrail
	Concrete Retaining Wall
	Trees

SITE FURNISHINGS LEGEND

	Bicycle Rack, 6 Bicycle capacity Duro hoop rack, powder coated black.
	Lounge Chair
	Bench (Wood)
	Picnic Table
	Metal Planter
	Wood Vegetable Garden Box
	Landscape Boulder (To be sourced on site)
	Existing Hydro Pole
	Garbage Receptacle



Garden Space with Raised Vegetable Planters



Rooftop Patio Gathering Space with Seating

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Nanaimo, BC

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77 Chapel
77 Chapel
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sheet title
**Landscape
Materials - Roof**

project no.	121.34
scale	1:200 @ 24"x36"
drawn by	MDI
checked by	SM
revision no.	sheet no.

L1.03



LEGEND

---	Property line
---	Extent of Parkade, below
---	Rain garden - TOP OF POOL
---	Rain garden - BOTTOM OF POOL
---	Proposed Contour Line, 0.2m interval, typ.
---	Existing Contour Line
---	Existing Landscape Grade
---	Civil Grade, provided for reference only
---	Architectural grade, provided for reference only
---	Proposed Landscape Grade
---	TW Top of Wall
---	EW Bottom of Wall
---	TCC Top of Curb
---	BC Bottom of Curb
---	TP Top of Pool
---	BP Bottom of Pool
---	TS Top of Stairs
---	BS Bottom of Stairs
---	HP High Point
---	LP Low Point
---	TB Top of Bench

LANDSCAPE INFRASTRUCTURE

---	Swale	2	L4.06
---	Flow Dissipator at RWL/Scupper	2	L4.03
---	Rain Garden Overflow Drain	3	L4.07
---	Landscape Area Drain 8" Square drain with ductile iron grate.	N/A	
---	C/O Clean Out	3	L4.04
---	Perforated Underdrain	4	L4.08
---	Sched 40 PVC	N/A	
---	Trench Drain Aco K100 Trench Drain, Load Class 'A'.	See Mfr. Drgs.	
---	POC Irrigation Point of Connection Proposed Irrigation Point of Connection. Provide water service and electrical service from irrigation controller to valves.	See Mech. and Elec. Drgs.	
---	Irrigation Sleeve Schedule 40 PVC, dia. shall be min 3x main line diameter, or 2x lateral line diameter. Install irrigation wiring in separate 2" electrical conduit. Extend sleeve 300 mm past edge of hard surface or walls.	N/A	

DRAINS BY OTHERS

---	Mechanical Drains (For reference only)	See Mech. Drgs.	
-----	---	-----------------------	--

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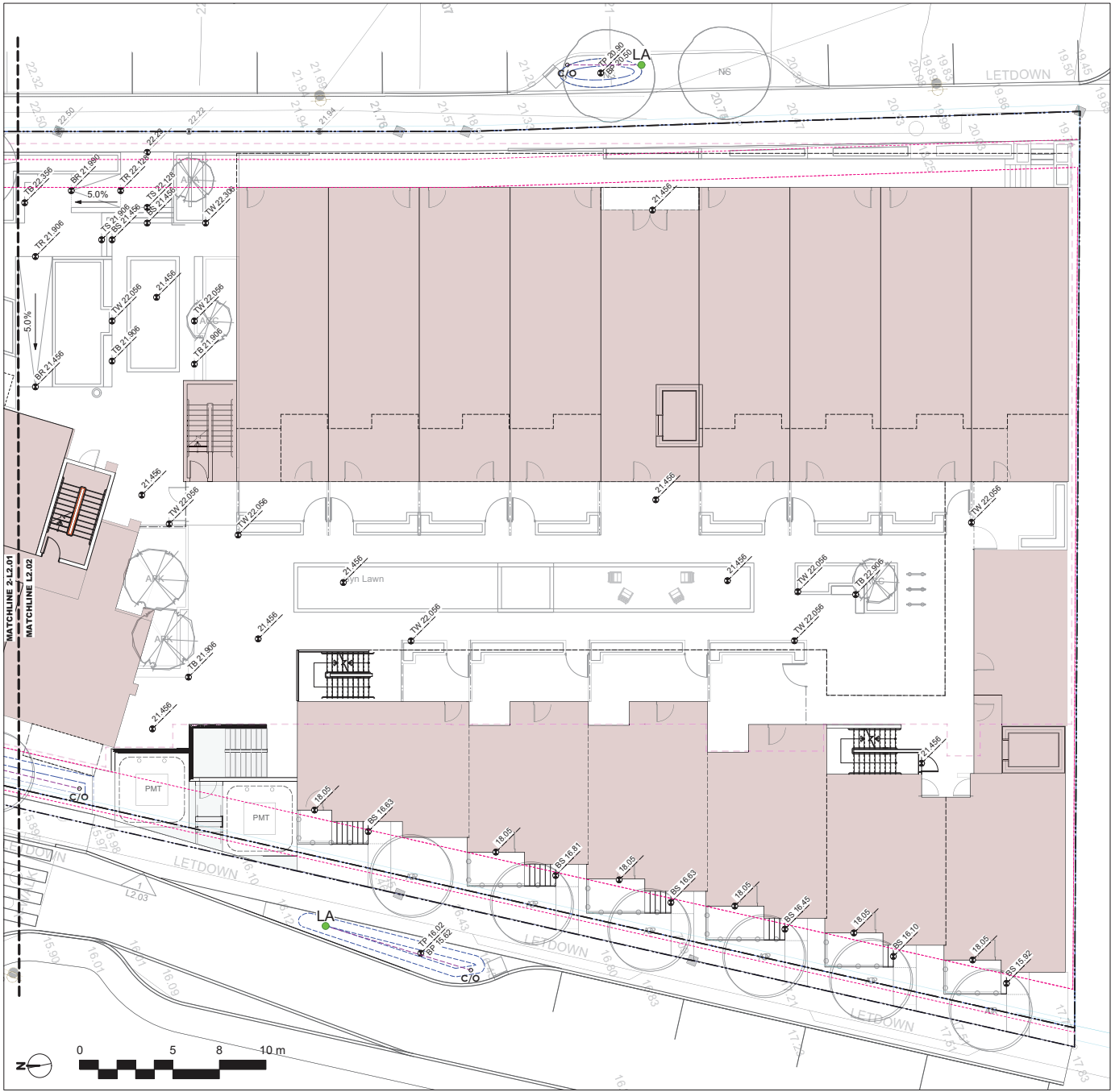
client
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project
77 Chapel
77 Chapel
Nanaimo, BC

sheet title
Landscape Grading
& Drainage

project no.	121.34
scale	1:100 @ 24"x36"
drawn by	MDI
checked by	SM
revision no.	sheet no.
4	L2.01

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DP1256
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--- Rain garden - TOP OF POOL
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--- Proposed Contour Line, 0.2m interval, typ.
--- Existing Contour Line
● Existing Landscape Grade
● Civil Grade, provided for reference only
● Architectural grade, provided for reference only
● Proposed Landscape Grade
TW Top of Wall
BW Bottom of Wall
TDC Top of Curb
SC Bottom of Curb
TP Top of Pool
BP Bottom of Pool
TS Top of Stairs
BS Bottom of Stairs
HP High Point
LP Low Point
TB Top of Bench

LANDSCAPE INFRASTRUCTURE

Swale	2	L4.06
Flow Dissipator at RWL/Scupper	2	L4.03
Rain Garden Overflow Drain	3	L4.07
Landscape Area Drain 8" Square drain with ductile iron grate.	N/A	
Clean Out	3	L4.04
Perforated Underdrain	4	L4.06
Sched 40 PVC	N/A	
Trench Drain Aco K100 Trench Drain, Load Class 'A'.	See Mfr. Drawings	
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Irrigation Sleeve Schedule 40 PVC, dia. shall be min 3x main line diameter, or 2x lateral line diameter. Install irrigation wiring in separate 2" electrical conduit. Extend sleeve 300 mm past edge of hard surface or walls.	N/A	
DRAINS BY OTHERS SD BL AD ● Mechanical Drains (For reference only)	See Mech. Drawings	

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rev no description date

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REGISTERED
ENGINEER
Scott Murdoch
3411
2023-02-23

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#1-2535 McCullough Road
Nanaimo, BC

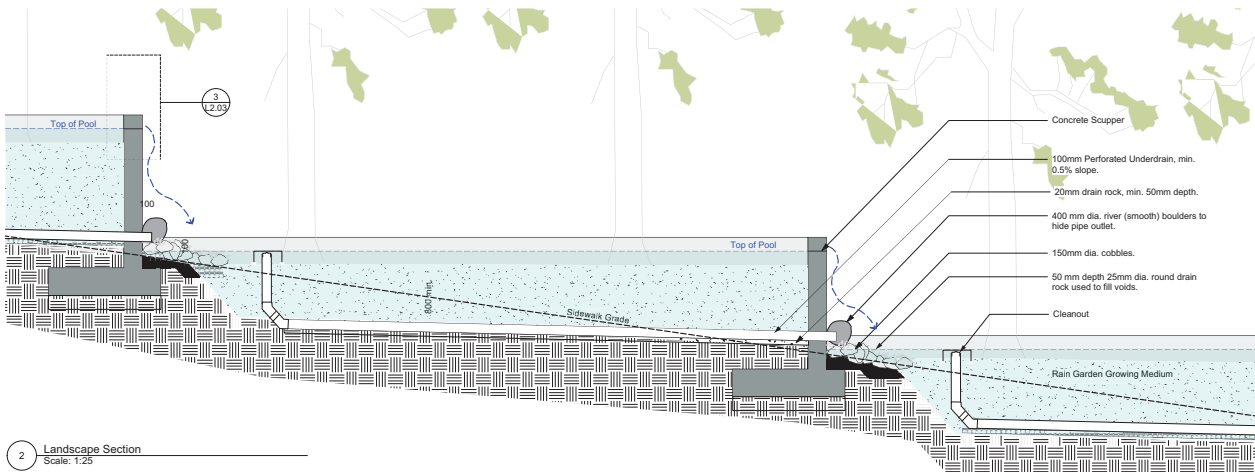
project
77 Chapel
77 Chapel
Nanaimo, BC

sheet title
**Landscape Grading
& Drainage**

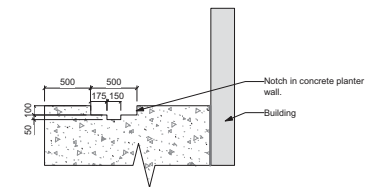
project no.	121.34
scale	1:100 @ 24"x36"
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revision no.	sheet no.
4	L2.02



1 Landscape Elevation
Scale: 1:150



2 Landscape Section
Scale: 1:25



3 Concrete Scupper
Scale: 1:25

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project
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77 Chapel
Nanaimo, BC

sheet title
Landscape Elevations

project no. 121.34

scale N/A @ 24"x36"

drawn by MDI

checked by SM

revision no. sheet no.

4 L2.03



SYM	QTY	BOTANICAL NAME	COMMON NAME	SCHD. SIZE / PLANT SPACING
TREES:				
ACC	5	Acer drincatum	Vine Maple	2.4 m ht, 1.5 width
APA	1	Acer palmatum	Japanese Maple	4cm cal. bdb, multi-stem.
APK	2	Acer palmatum 'Katsura'	Japanese Maple	2.4m ht, multi-stem (3 trunk)
AR	10	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	6.0m cal. bdb
CJ	1	Cercidiphyllum japonicum	Katsura Tree	5.0m cal. bdb
CNP	1	Chamaecyparis nootkatensis 'Pendula'	Nootka False Cypress	2.5 m ht
CK	3	Cornus kousa 'Milky Way'	Milky Way Kousa Dogwood	multistem, 1.5 m ht. bdb
MDu	1	Magnolia x soulangeana	Saucer Magnolia	#1 pot
NS	8	Nyssa sylvatica 'Widder'	Toyoko	5.0m cal. bdb
QO	3	Quercus garryana	Garry Oak	4.0m cal. bdb
ZS	2	Zelkova serrata	Japanese Zelkova	6.0m cal. bdb
SHRUBS/PERENNIALS/VINES:				
Asa	60	Aster novae-angliae	New England Aster	Sp3
AB	13	Athyrium filix-femina var. cyclosorum	Northwestern Lady Fern	#1 pot
Brg	22	Brachyglottis greyi	Daisy Bush	Sp3, 30cm o.c.
Brs	17	Brachyglottis 'sunshine'	Brachyglottis 'sunshine'	#1 pot
Csa	22	Cistus salvifolius	Sage Leaf Rock Rose	#1 pot
Ep	82	Echinacea purpurea	Purple Coneflower	#1 pot
Epr	123	Epidendrum nigrum	Bananawort	#1 pot
End	41	Escallonia 'Newport Dwarf'	Newport Dwarf Escallonia	#1 pot
Hb	60	Hebe topiaria	Topiaria's hebe	#1 pot
Lav	10	Lavandula x intermedia 'White Spike'	White Spike Lavender	#1 pot
Lim	30	Liriope muscari	Lily turf	#1 pot
Lp	63	Lonicera pileata	Privet Honeyuckle	#2 pot
Ma	26	Mahonia aquifolium	Oregon Grape	#2 pot
Mar	43	Mahonia repens	Prostrate Oregon Grape	#1 pot
Maa	13	Miscanthus sinensis 'Adagio'	Adagio Maiden Grass	Sp3
Nep	73	Nepeta x faasseni	Catmint	Sp3
Pat	43	Perovskia atropurpurea	Russian Sage	#1 pot
PeLS	31	Perovskia 'Little Spike'	Dwarf Russian Sage	Sp3
Pm	60	Polystichum munum	Sword Fern	#1 pot
Rha	2	Rhododendron macrophyllum	Pacific Rhododendron	#3 pot
Rb	11	Ribes sanguineum	Red Flowering Currant	#3 pot
Rsa	18	Rosa rugosa 'Schneekugel'	Snow Flaming Rose	#2 pot
Rt	65	Rutbeckia fulgida	Black-Eyed Susan	#1 pot
Tbr	72	Taxus baccata 'Repandens'	English Weeping Yew	#1 pot
Vo	69	Vaccinium ovatum 'Thunderbird'	Evergreen Huckleberry	#3 pot
RAIN GARDEN PLANTS:				
Co	387	Carex obovata	Slough Sedge	#1 pot
Jcg	354	Juncus 'Carmen's Grey'	Soft Common Rush	Sp3
Lc	87	LOBELIA cardinalis	Cardinal Flower	#2 pot



1. Raingardens with mixed shrub and perennial plantings and trees.

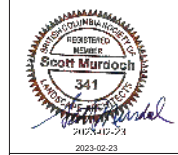


2. Significant flowering tree to be the focal point and celebration of this corner.



3. Naturally planted landscape with embedded boulders.

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project	77 Chapel 77 Chapel Nanaimo, BC
sheet title	Planting Plan
project no.	121.34
scale	1:100 @ 24"x36"
drawn by	MDI
checked by	SM
revision no.	sheet no.
4	L3.01



REFER TO L3.01 FOR PLANT LIST.



1. Concrete planters with shrubs plantings and trees.



2. Synthetic lawn in private courtyard for relaxing, social gathering, or casual play.

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L3.02