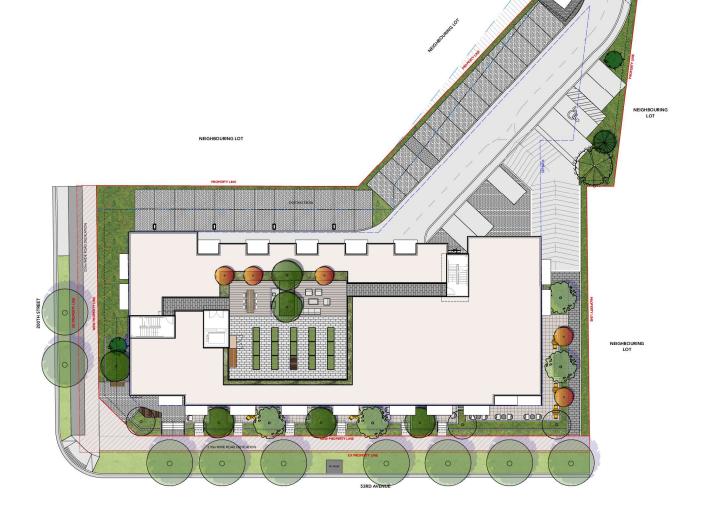
# **53 AVE. LANGLEY CITY**

LANDSCAPE SET - DEVELOPMENT PERMIT APPLICATION MARCH  $4^{th}$ , 2024

#### LANDSCAPE DRAWING INDEX

L0.0	COVER SHEET
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L1.0	LANDSCAPE PLAN - GROUN
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L1.2	DETAILED PLANS
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DETAILS



#### David Stoyko Landscape Architect

2686 6TH AVENUE EAST VANCOUVER BC V5M 1R

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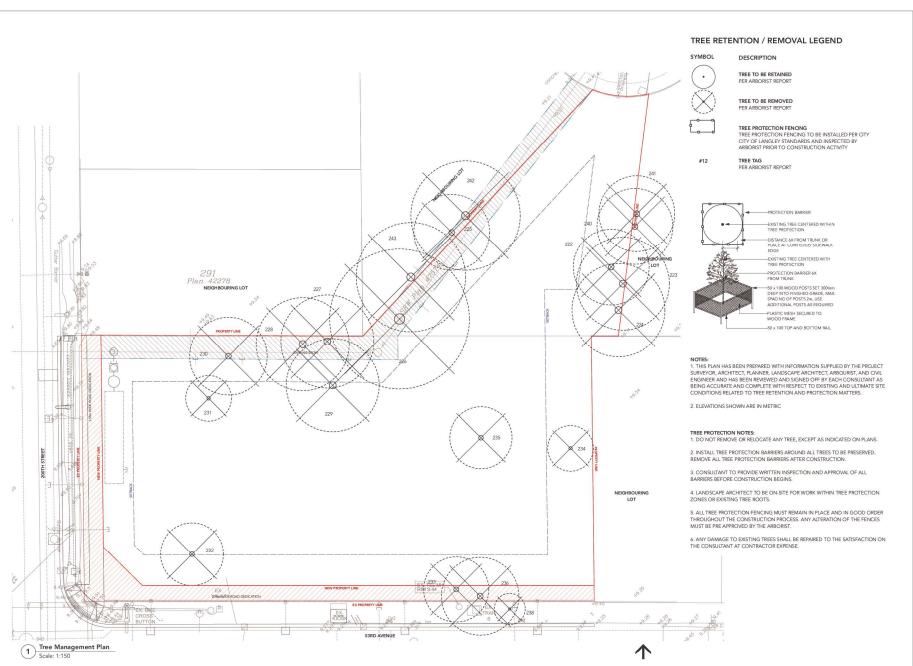
# 200<sup>TH</sup> STREET & 53<sup>RD</sup> AVENUE

5302 200<sup>th</sup> Street & 20011-31 53<sup>rd</sup> Avenue Langley, British Columbia

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**COVER SHEET** 

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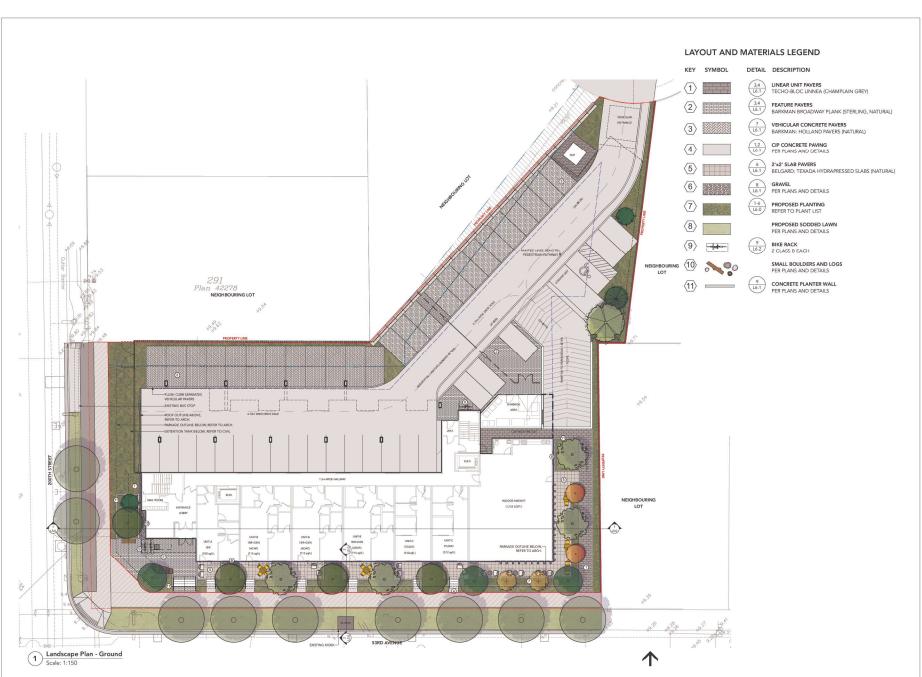


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# TREE MANAGEMENT PLAN



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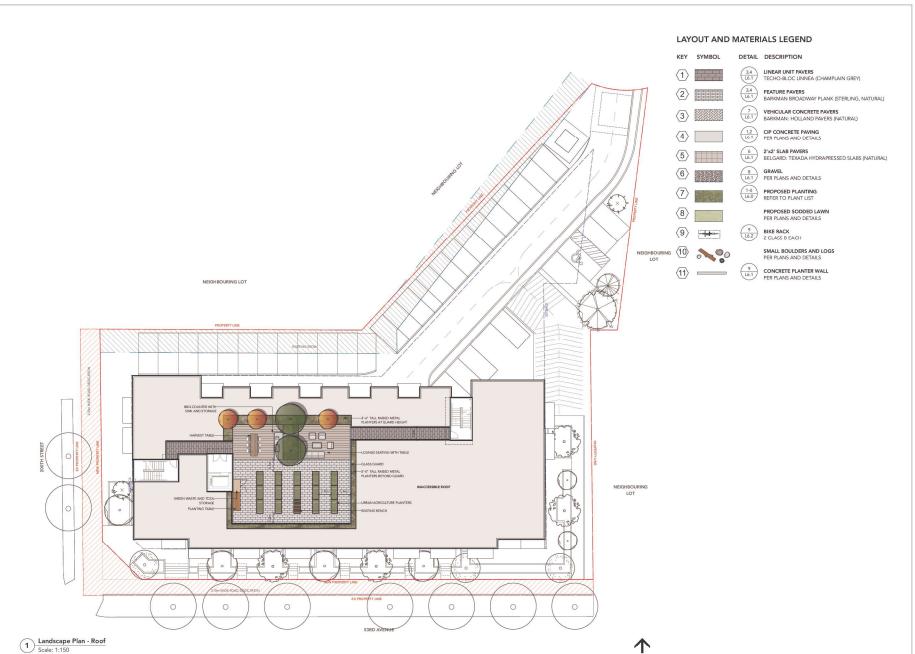


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LANDSCAPE PLAN -LEVEL 1



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LANDSCAPE PLAN -ROOF LEVEL



#### LAYOUT AND MATERIALS LEGEND

KEY SYMBOL

DETAIL DESCRIPTION



LINEAR UNIT PAVERS
TECHO-BLOC LINNEA (CHAMPLAIN GREY)



FEATURE PAVERS
BARKMAN BROADWAY PLANK (STERLING, NAT



VEHICULAR CONCRETE PAVERS BARKMAN: HOLLAND PAVERS (NATURAL)



CIP CONCRETE PAVING PER PLANS AND DETAILS



2'x2' SLAB PAVERS BELGARD: TEXADA HYDRAPRESSED SLABS (NA



GRAVEL PER PLANS AND DETAILS



PROPOSED PLANTING REFER TO PLANT LIST



PROPOSED SODDED LAWN PER PLANS AND DETAILS



BIKE RACK 2 CLASS B EACH







SMALL BOULDERS AND LOGS PER PLANS AND DETAILS

CONCRETE PLANTER WALL

#### David Stoyko Landscape Architect

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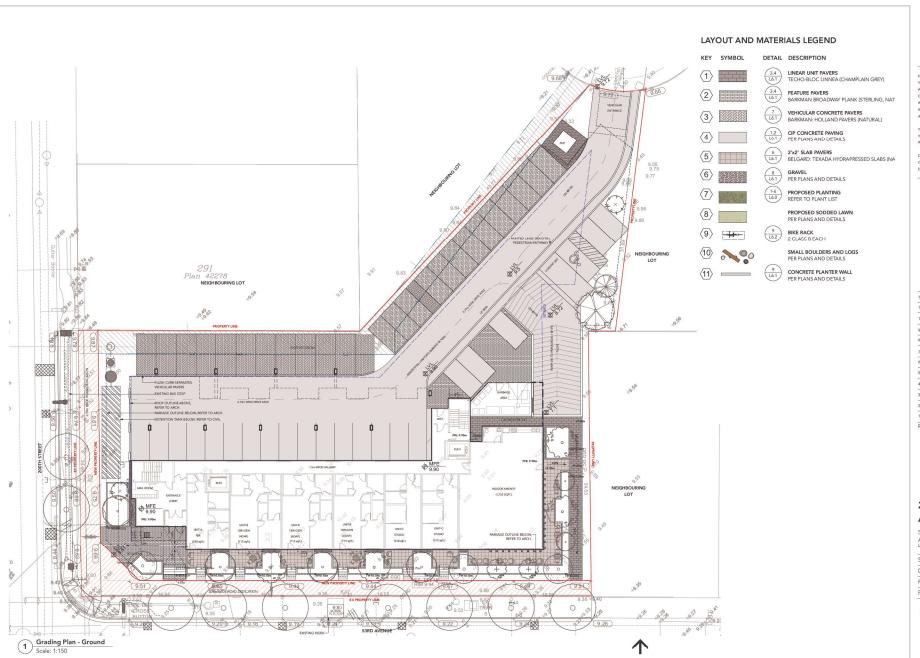


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**DETAILED PLANS** 



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GRADING PLAN -LEVEL 1

L2.0

#### OVERALL CONCEPT





LAYERED & TEXTURED PLANTING SCHEME THAT PROVIDES ALL-SEASON INTEREST USING PREDOMINANTLY NATIVE PLANTS





















LOW SHRUBS













Fothergilla gardenii Dwarf Fothergilla





Cornus sericea 'Kelsey Red Osier Dogwood Mahonia nervosa Dwarf Oregon Grape









Polystichum munitum Western Sword Fern

#### PERENNIALS & GROUNDCOVER











PLANT LIST QTY. BOTANICAL NAME COMMON NAME SPACING TREES Acer x freemanii Freeman's Maple 70 Street tree species, form, and quality to be to City of Langley standards As shown (1) As shown (1) Pinus heldreichii 'Compact Gem' Compact Gem Bosnian Pine 5cm cal. Wire Basket As shown 🔰 😭 🖨 Acer shirasawanum 'Moonrise' Full Moon Maple 5cm cal. Wire Basket As shown (1) Zelkova serrata Japanese Zelkova As shown Cercis canadensis Eastern Redbud As shown 😂 🖊 🚹 🚺 Pinus contorta var. contorta Shore Pine As shown / (Carlot Carlot Carl Liriodendron tulipfera Wire Basket As shown COCO Arbutus unedo Wire Basket As shown 😵 🖊 😭 습 Paperbark Maple Wire Basket TOTAL TREES (excluding street trees)

TALL	SHRUB	S				
(3	14	Hamamelis x intermedia	Witch Hazel	#5 Pot	24" o.c	
	20	Ceanothus 'Victoria'	California Lilac	#2 pot	24" o.c	
3	23	Rubus spectabilis	Salmonberry	#5 Pot	36" o.c.	₩ 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	14	Fatsia japonica	Japanese Aralia	#2 pot	24" o.c	90
	61	Lonicera pileata	Box-Leaved Honeysuckle	#2 pot	24" o.c	
$\bigcirc$	21	Symphoricarpos albus	Snowberry	#2 Pot	36" o.c.	₩000
LOW	SHRUB	S				
0	20	Gaultheria shallon	Salal	#2 pot	24" o.c	SOBOACA
$\otimes$	36	Comus sericea 'Kelseyi'	Dwarf Red Osier Dogwood	#2 pot	24" o.c	9000
8	56	Mahonia nervosa	Dwarf Oregon Grape	#2 pot	24" o.c	80000000000000000000000000000000000000
$\oplus$	83	Fothergilla gardenii	Dwarf Fothergilla	#1 pot	18" o.c	MAR
0	57	Sarcococca hookeriana 'Humilis'	Himalayan Sweet Box	#2 pot	18" o.c	00
0	58	Spiraea betulifolia var. lucida	White Spiraea	#2 pot	36" o.c	
0	50	Rhododendron 'Ken Janeck'	Ken Janeck Rhododendron	#5 pot	24" o.c	
EMAN	18	Blechnum spicant	Deer Fern	#1 Pot	18" o.c.	90
*	30	Polystichum munitum	Western Sword Fern	#1 pot	24" o.c	<b>90</b>
GRO	UNDCO	VERS				
	333	Arctostaphylos uva-ursi	Kinnikinnick	4"(10cm) pot	18" o.c	90000000000000000000000000000000000000
*******	207	Fragaria chiloensis	Beach Strawberry	4" (10cm) Pot	15" o.c.	@ <u>#</u>
	228	Pahchysandra terminalis	Japanese Spurge	4" (10cm) Pot	15" o.c.	000
PERI	ENNIALS	5				
©	54	Carex obnupta	Slough Sledge	#1 Pot	18" o.c.	<b>9</b> 0

NATIVE PLANTS OROUGHT TOLERANT PLANTS OPPOLINATOR FRIENDLY PLANTS SEASONAL INTEREST PLANTS FOOD RESOURCE PLANTS ABITAT VALUE PLANTS EVERGREEN PLANTS

94 Stipa tenuissima

#### David Stoyko Landscape Architect

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#### 200TH STREET & 53RD **AVENUE**

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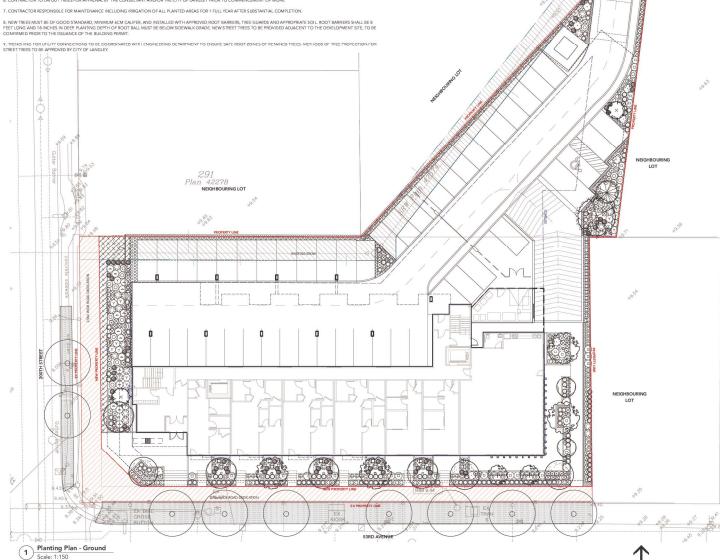
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PLANTING CONCEPT

L3.0



- 1. IN CASE OF DISCREPANCY BETWEEN PLANT NUMBERS ON THIS LIST AND ON THE PLAN, THE LATTER SHALL PREVAIL
- 2. ALL PLANTING SHALL MEET OR EXCEED THE REQUIREMENTS AS OUTLINED IN THE CANADIAN LANDSCAPE STANDARD, LATEST EDITION.
- 3. ALL PLANTING PLANS TO BE READ IN CONJUNCTION WITH THE LANDSCAPE DETAILS AND SPECIFICATIONS.
- 5. FINAL LANDSCAPE BERM / BED LAYOUTS, AS WELL AS ACTUAL TREE AND SHRUB LOCATIONS AND SPACING, TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 6. CONTRACTOR TO LAYOUT TREES FOR APPROVAL BY THE CONSULTANT AND/OR THE CITY OF LANGLEY PRIOR TO COMMENCEMENT OF WORK.



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#### 200<sup>TH</sup> STREET & 53<sup>RD</sup> **AVENUE**

5302 200th Street & 20011-31 53rd Avenue Langley, British Columbia

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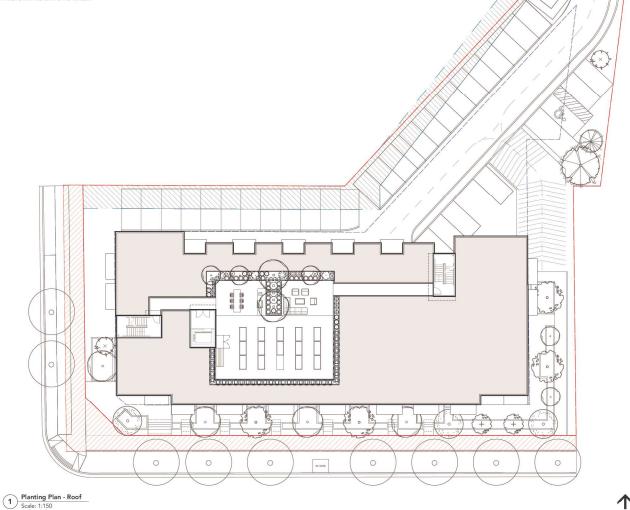
PLANTING PLAN -LEVEL 1



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- 3. ALL PLANTING PLANS TO BE READ IN CONJUNCTION WITH THE LANDSCAPE DETAILS AND SPECIFICATIONS.
- I. ALL PLANTING BEDS TO BE MULCHED WITH 2" (50MM) OF ANSWER GARDEN PRODUCTS 'HUMUS BUILDER' OR APPROVED EQUA
- 5. FINAL LANDSCAPE BERM / BED LAYOUTS, AS WELL AS ACTUAL TREE AND SHRUB LOCATIONS AND SPACING, TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 6. CONTRACTOR TO LAYOUT TREES FOR APPROVAL BY THE CONSULTANT AND/OR THE CITY OF LANGLEY PRIOR TO COMMENCEMENT OF WORK.
- 7. CONTRACTOR RESPONSIBLE FOR MAINTENANCE INCLUDING IRRIGATION OF ALL PLANTED AREAS FOR 1 FULL YEAR AFTER SUBSTANTIAL COMPLETION.

8. NEW TREES MUST BE OF GOOD STANDARD, MINIMUM 6CM CALIPER, AND INSTALLED WITH APPROVED ROOT BARRIERS, TREE GUARDS AND APPROPRIATE SOLL ROOT BARRIERS SHALL BE 8 FEET LONG AND 18 INCHES IN DEEP PRANTING DEPTH OF ROOT BALL MUST BE BELOW SIDEWALK GRADE. NEW STREET TREES TO BE PROVIDED ADJACENT TO THE DEVALOPMENT SITE, TO BE CONTRIBUTED ROOT OF THE BUILDING FEWER.

9. TRENDI INDITOR UTILITY CONNECTIONS TO DE COORDINATED WITH ENGINEURING DEPARTMENT TO ENSURE SAFE ROOTZONES OF RETAINED TREES, METHODS OF TREE PROTECTION FOR STREET TREES TO BE APPROVED BY CITY OF LANGLEY.



#### David Stoyko Landscape Architect

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PLANTING PLAN -ROOF LEVEL

# NEIGHBOURING LOT

1 Lighting Plan - Ground Scale: 1:150

#### LIGHTING LEGEND

SYMBOL DESCRIPTION UPLIGHT WALL LIGHT

BOLLARD LIGHT LED STRIP LIGHT

METAL PLANTER-MOUNTED LIGHT

NOTE:
LIGHTING PLAN PROVIDED FOR INFORMATION ONLY. ELECTRICAL
ENGINEER TO DESIGN SITE LIGHTING AND PROVIDE SPECS AND
QUANTITIES DURING BUILDING PERMIT APPLICATION.

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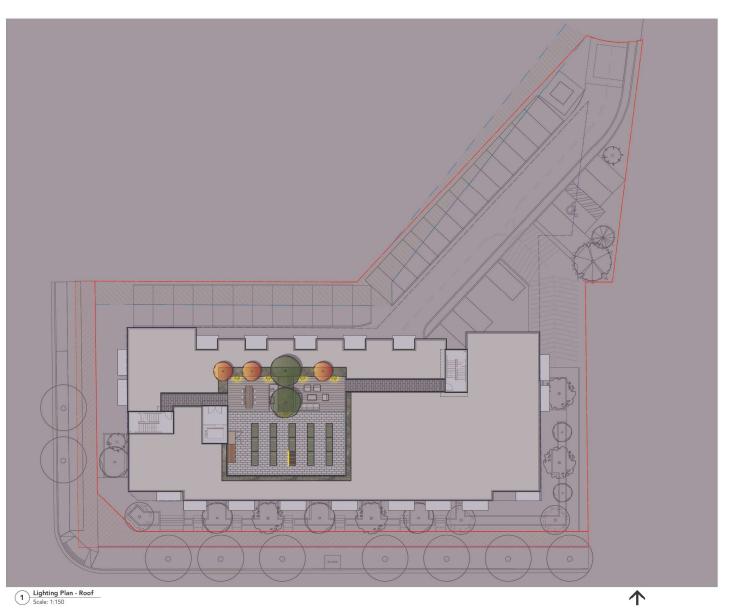
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LIGHTING PLAN -LEVEL 1

L4.0



#### LIGHTING LEGEND

SYMBOL DESCRIPTION UPLIGHT WALL LIGHT BOLLARD LIGHT LED STRIP LIGHT

NOTE: LIGHTING PLAN PROVIDED FOR INFORMATION ONLY. ELECTRICAL ENGINEER TO DESIGN SITE LIGHTING AND PROVIDE SPECS AND QUANTITIES DURING BUILDING PERMIT APPLICATION.

METAL PLANTER-MOUNTED LIGHT

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LIGHTING PLAN -

**ROOF LEVEL** 

### LIGHTING MATERIALITY







# MODEL: L113 SUPPLIER MP LIGHTING FIXTURE MARRINE GRADE ALUMINIUM



#### David Stoyko Landscape Architect

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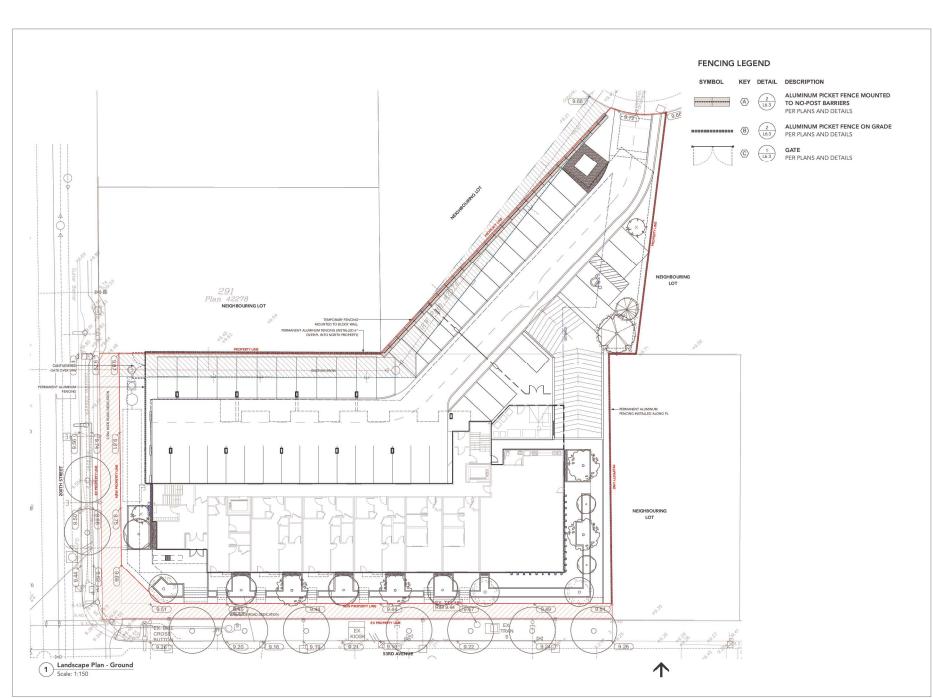
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LIGHTING MATERIALITY

L4.2



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	ISSUED FOR REVIEW	24-02-16
4	ISSUED FOR CPTED REVIEW	24.02.02
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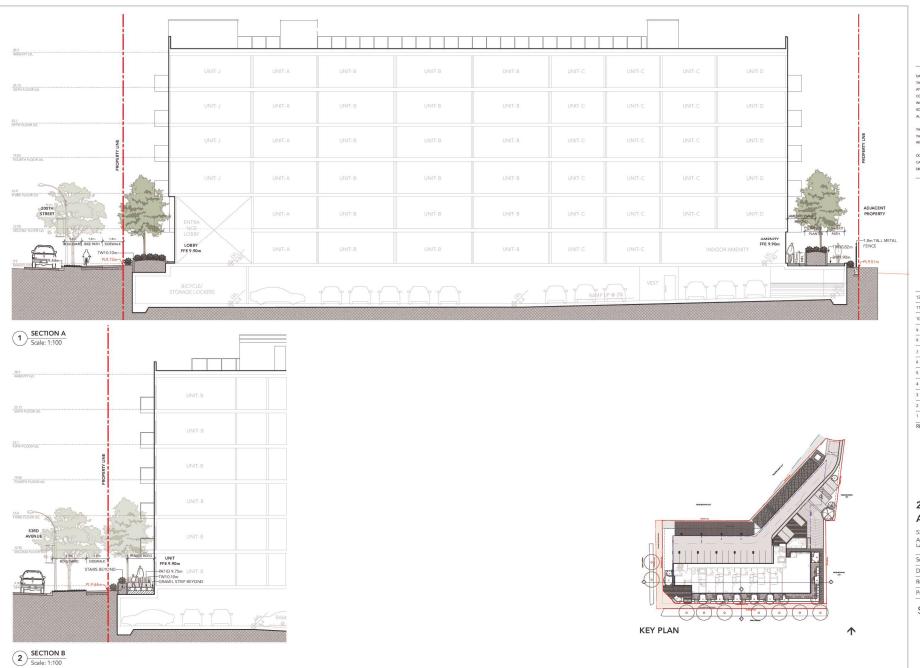


# 200<sup>TH</sup> STREET & 53<sup>RD</sup> AVENUE

5302 200th Street & 20011-31 53rd Avenue Langley, British Columbia

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Reviewed:	C
Project No.	22-01
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FENCING PLAN -LEVEL 1



2686 6TH AVENUE EAST VANCOUVER BC V5M 1R3 P 604.720.0048

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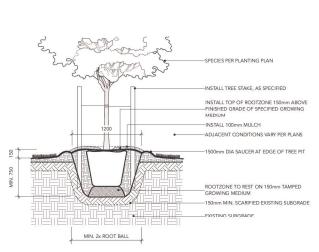
# 200<sup>TH</sup> STREET & 53<sup>RD</sup> AVENUE

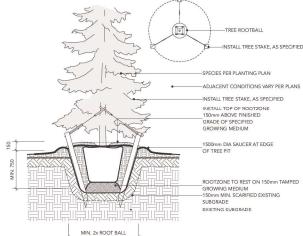
5302 200<sup>th</sup> Street & 20011-31 53<sup>rd</sup> Avenue Langley, British Columbia

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Drawn:	PP
Reviewed:	DS
roject No.	22-017

**SECTIONS** 

L5.0





TREE ROOTBALL

BOITED TO WOOD

GALVANIZED STEEL STRAP

-50mm x 200mm TIMBER OR X-POTENTIAL DEADMAN

SPECIES PER PLANTING PLAN

-ABOVE FINISHED GRADE OF

-INSTALL 50mm MULCH

-FILTER FARRIC

SPECIFIED GROWING MEDIUM.

INSTALL TOP OF ROOTZONE 150mm

-50mm WASHED SAND (FILTER LAYER)

-ROOF ASSEMBLY, SEE ARCHITECTURAL

STRUCTURAL SLAB, SEE ARCHITECTURAL

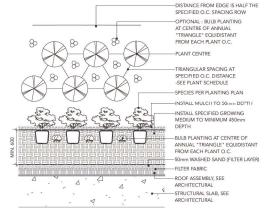
STAINLESS STEEL WIRE AND TURNBUCKLE

CONIFEROUS TREE PLANTING ON GRADE (TYPICAL)

-DISTANCE FROM EDGE IS HALF THE SPECIFIED O.C. SPACING ROW OPTIONAL : BULB PLANTING AT CENTRE OF ANNUAL 'TRIANGLE" EQUIDISTANT FROM EACH PLANT O.C. PLANT CENTRE TRIANGULAR SPACING AT SPECIFIED O.C. DISTANCE -SEE PLANT SCHEDULE SPECIES PER PLANTING PLAN -INSTALL MULCH TO 50mm DEPTH -INSTALL SPECIFIED GROWING MEDIUM TO MINIMUM 450mm BULB PLANTING AT CENTRE OF ANNUAL "TRIANGLE" FOUIDISTANT FROM EACH PLANT O.C.

150mm MIN. SCARIFIED EXISTING SUBGRADE EXISTING SUBGRADE

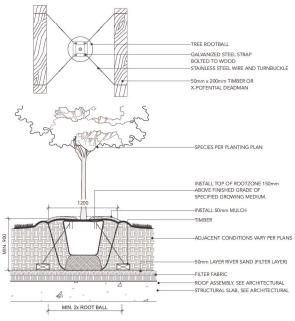
5 PLANTING ON GRADE (TYPICAL)
Scale: 1:20



6 PLANTING ON SLAB (TYPICAL)

#### DECIDUOUS TREE PLANTING ON GRADE (TYPICAL)

Scale: 1:20



DECIDUOUS TREE PLANTING ON SLAB (TYPICAL)

CONIFEROUS TREE PLANTING ON SLAB (TYPICAL)
Scale: 1:20

1

MIN. 2x ROOT BALL

# Red Cardinal

24-03-04

24-03-01

24-02-16

24-02-01

23-12-22

David Stoyko

Landscape Architect

THE EXISTENCE, LOCATION, AND ELEVATION OF ANY ELEMENT

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DRAWINGS.

6 ISSUED FOR DP

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5 ISSUED FOR COORDINATION

3 ISSUED FOR CPTED REVIEW

1 ISSUED FOR PRELIMINARY REVIEW

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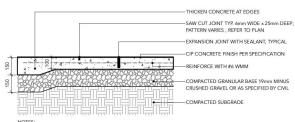
# 200<sup>TH</sup> STREET & 53<sup>RD</sup> AVENUE

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Reviewed:	DS
Project No.	22-017

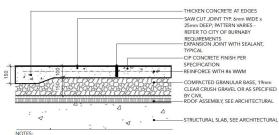
**DETAILS - PLANTING** 

L6.0



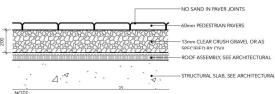
1. EXPANSION JOINTS 6m O.C. MAX, CONTROL JOINTS @ 1.5m O.C. ADJUST TO SUIT SITE LAYOUT PLAN. 2. ALL SCOREUNES TO BE APPROVED BY LANDSCAPE ARCHITECT ON-SITE PRIOR TO INSTALLATION.

#### CIP CONCRETE ON GRADE (TYPICAL) (1) Scale: 1:10



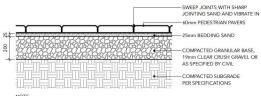
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#### CIP CONCRETE ON SLAB (TYPICAL)



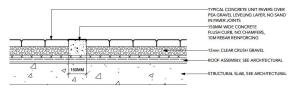
USE CONCRETE HIDDEN EDGE RESTRAINT WHEN PAVERS ARE NOT AD JACENT TO A SOUD EDGE CONDITION

#### PEDESTRIAN UNIT PAVERS ON SLAB (TYPICAL)



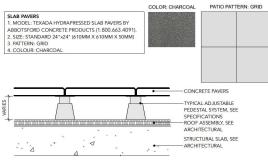
USE CONCRETE HIDDEN EDGE RESTRAINT WHEN PAVERS ARE NOT ADJACENT TO A SOUD EDGE CONDITION

PEDESTRIAN UNIT PAVERS ON GRADE (TYPICAL) Scale: 1:10

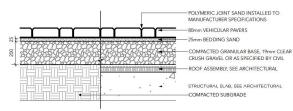


CIP PAVER EDGE BAND

Scale: 1:10



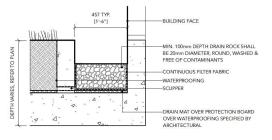
PATIO HYDRAPRESSED CONCRETE PAVERS ON PEDESTALS Scale: 1:10



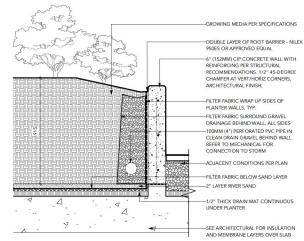
USE CONCRETE HIDDEN EDGE RESTRAINT WHEN PAVERS ARE

#### VEHICULAR CONCRETE UNIT PAVERS (TYPICAL)

Scale: 1:10



GRAVEL DRAIN STRIP - ON SLAB Scale: 1:10



1. WALLS MAX 600MM HEIGHT. GUARDRAIL REQUIRED WHERE WALL HEIGHTS EXCEED 600mm.

TYPICAL RETAINING WALL ON SLAB Scale: 1:10

#### David Stoyko Landscape Architect

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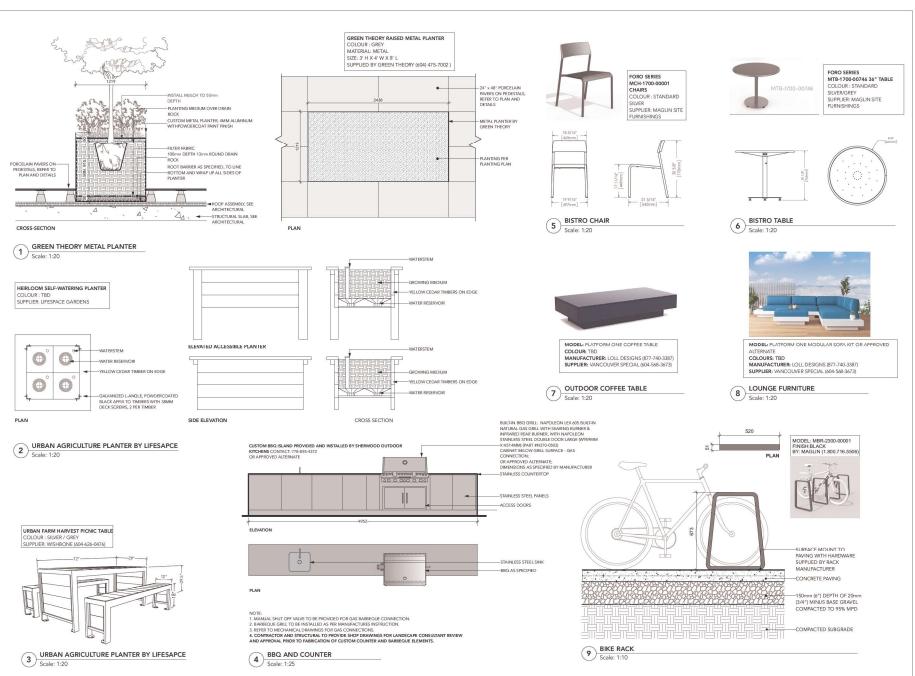
#### 200<sup>TH</sup> STREET & 53<sup>RD</sup> **AVENUE**

5302 200th Street & 20011-31 53rd Avenue Langley, British Columbia

Scale: Drawn: Reviewed DS Project No. 22-017

DETAILS -**HARDSCAPE** 

L6.1



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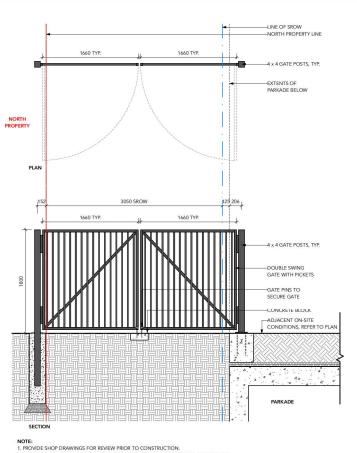
# 200<sup>TH</sup> STREET & 53<sup>RD</sup> AVENUE

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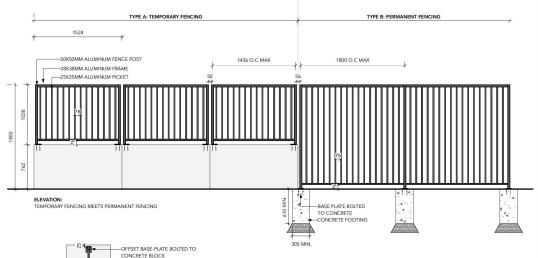
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Project No.	22-017

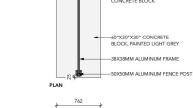
DETAILS -FURNISHINGS

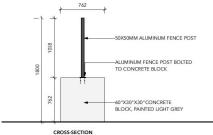
L6.2



- ALL METAL COMPONENTS TO BE ALUMINUM WITH POWDER COAT FINISH, COLOUR TBD.
   PROVIDE ISOLATION MATERIAL FOR FASTENERS TO AVOID ELECTROLOSIS.
- CANTILEVERED GATE OVER SROW
  Scale: 1:20







- 1. PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION.
  2. ALL METAL COMPONENTS TO BE ALUMINUM.
  3. PROVIDE ISOLATION MATERIAL FOR FASTENERS TO AVOID ELECTROLOSIS.
- COLOUR OF ALUMINUM FENCING TBD.
   APPLY A MINIMUM OF TWO COATS OF ANTI-GRAFFITI PAINT TO CONCRETE BLOCKS.
- 6. REFER TO PLANS FOR FENCING TYPE LOCATIONS.

#### ALUMINUM FENCE Scale: 1:20

#### David Stoyko Landscape Architect

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#### 200TH STREET & 53RD **AVENUE**

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Scale:	
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**DETAILS - FENCING**