

#### Memorandum

Date:	May 23, 2018				
Project:	Lot 8, Wesbrook Village				
То:	Steven Lecocq, Campus and Community Planning Jork Gravenstein, Perkins and Will				
Сору:	Joseph Fry. Hapa Ariel Vernon, Hapa				
Via:	□ courier     □ mail     □ email       □ for approval     □ for your action     □ for your information				

The following changes have been made to the landscape design since drawings were issued for DP in March, 2018.

- 1. 10 Class B Bike parking spaces were added in the walkway between the townhouses.
- 2. Planting beds were added between each private patio, so that hedges can be used for privacy.
- 3. The north entrance to the midrise building was revised to accommodate existing grades slightly higher than the entrance. A bench was added.
- 4. Community Patio
  - -Minor, accessible, pathways were added to connect the community patio and harvest table area to the drive court.
  - -The outdoor kitchen was moved to be incorporated into the walls at the north edge of the patio.
- 5. Lighting
  - -The catenary lighting between the two townhouses was changed to lighting attached to the building walls.
  - -The pole lights along the site's interior pathways have been changed to bollard lights, and thus increased in number.

Please note, the list of existing trees to be removed or relocated has not yet been finalized in consultation with the Director of Planning. This work is forthcoming.

Regards,

Sarah Siegel BCSLA CSLA ASLA Hapa Collaborative

пара Сопавогацуе



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#### LANDSCAPE CONCEPT

The landscape vision exists on two levels: one - by creating an ecosystem-inspired sense of place, and, two - by considering programming which enriches the private and communal experience for residents.

The landscape is grounded to its location directly adjacent to Pacific Spirit Park primarily through the use of planting. The vegetative strategy suggests a forest edge landscape typology.

#### A Forest Garden

While it would be impossible to recreate a mature coniferous forest in this built environment, we can attempt to evoke a more open, deciduous forest edge ecosystem with small ornamental trees such as vine maples, pacific dogwood and red alders. Underneath this light canopy is a garden of ferns and other ornamental groundcovers in a simplified, informal 'forest floor'.

Within the forest garden are two 'clearings', the Drive Court and the Community Patio. The Drive Court announces the entrance to the tower which is then reached by passing over a fern dell. From this space which also holds a large waiting bench, one passes through a threshold canopy to enter The Community Patio. This is the main open space connected to the tower's amenity spaces. This place is conceived of as the social and family gathering place for the residents of the tower. It contains a BBQ and large harvest table. Unit pavers are used to help bring a comfortable scale and finer level of detail to the paved areas.

At the corner of Binning and Birney avenues is a copse of larger deciduous feature trees which will be a focal point for the forest garden and for the development from the street.

#### A Landscape Bento Box

Moving west through the site, the Community Patio is bounded by a small pavilion. From here we enter a linear space which is framed by the back sides of the townhouses and midrise. The linearity is broken into four distinct gardens: a community agriculture zone, a nature play area, a sitting grove and, finally - a meadow garden. This meadow garden follows the overall planting concept culminating the edge of the forest with an open field; it turns the corner and continues alongside the pathway to Birney. Moving from the more active to more passive landscape types as we move away from the tower, the series of spaces allows residents to step right out of their houses and into useful and communal spaces of a comfortable, intimate, scale.

### A Perch

The four gardens end at a north south connection pathway which links Birney road to Khorana Park. Just past this pathway a small perch platform with bench engages with the existing waterway, culminating the procession of landscape experiences.

### Edges

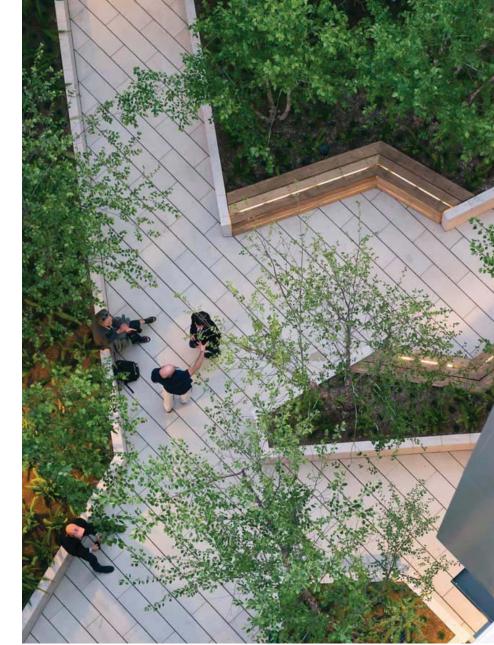
On the north and west sides of the site, existing coniferous trees and shrub gardens create a buffered edge to the residences. Landscaping would be designed to merge seamlessly with these existing landscapes.

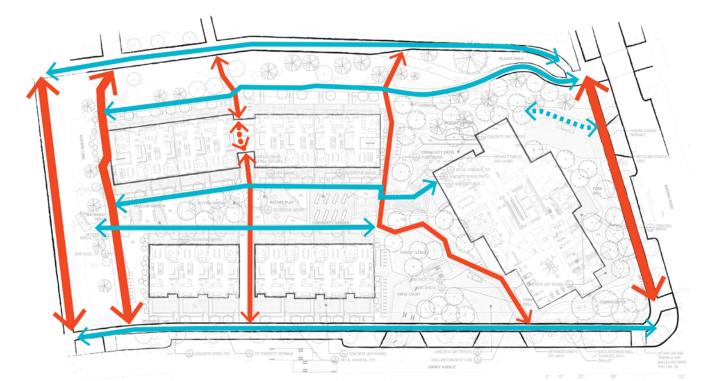




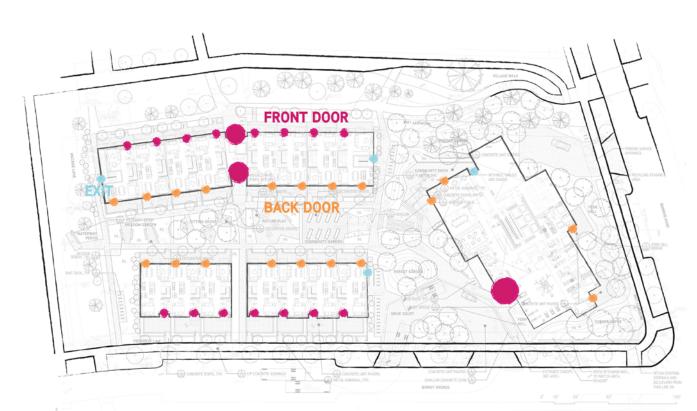








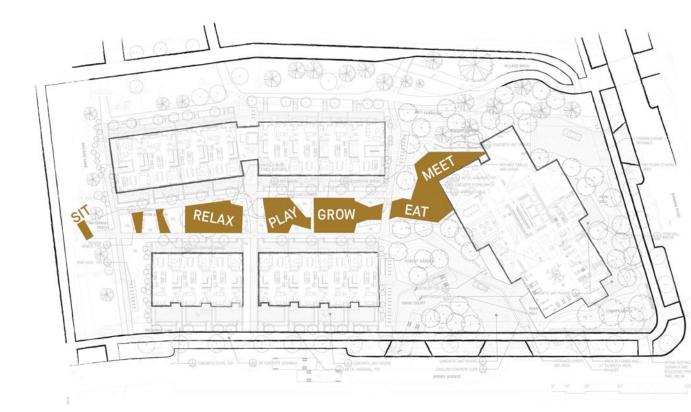
#### **PATHS**



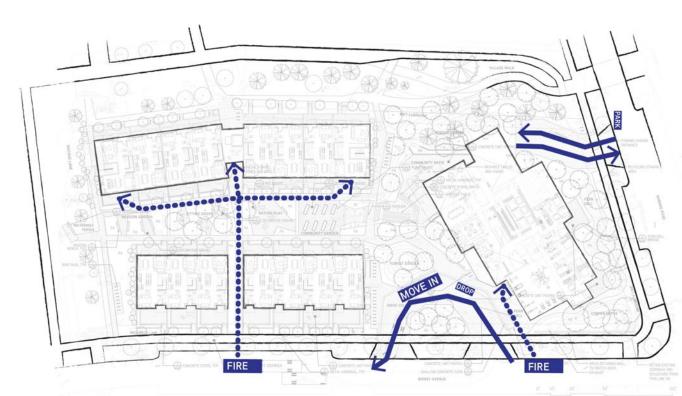




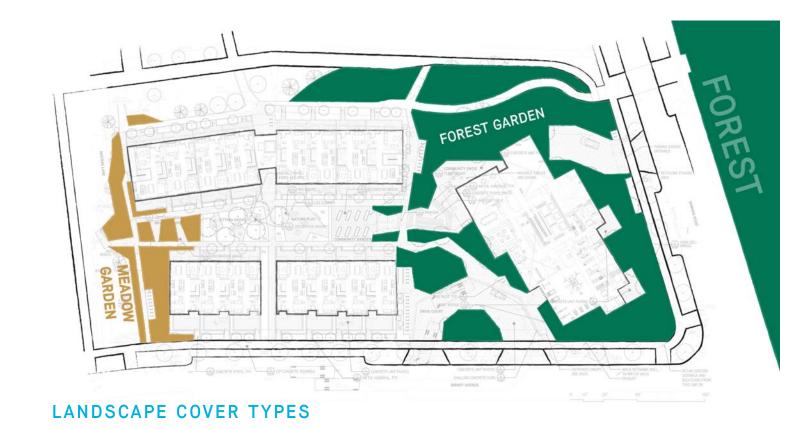
TREE CANOPY



**PLACES** 



VEHICULAR ACCESS



### IVY ON THE PARK

1	PRE-APPLICATION AUDP SUBMISSION	2017-11-02
2	PRE-APPLICATION AUDP SUBMISSION	2017-12-07
3	PRE-DP APPLICATION SUBMISSION	2017-12-06
4	DP-APPLICATION AUDP SUBMISSION	2018-02-01
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5 DEVELOPMENT PERMIT SUBMISSION 6 DP RE-SUBMISSION 2018-03-02 7 DP RE-SUBMISSION 2018-05-24

LANDSCAPE CONCEPT



# 1 LANDSCAPE MATERIALS AND LAYOUT PLAN

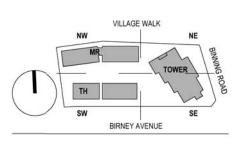
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DEVELOPMENT PERMIT RE-SUBMISSION 2018-03-02

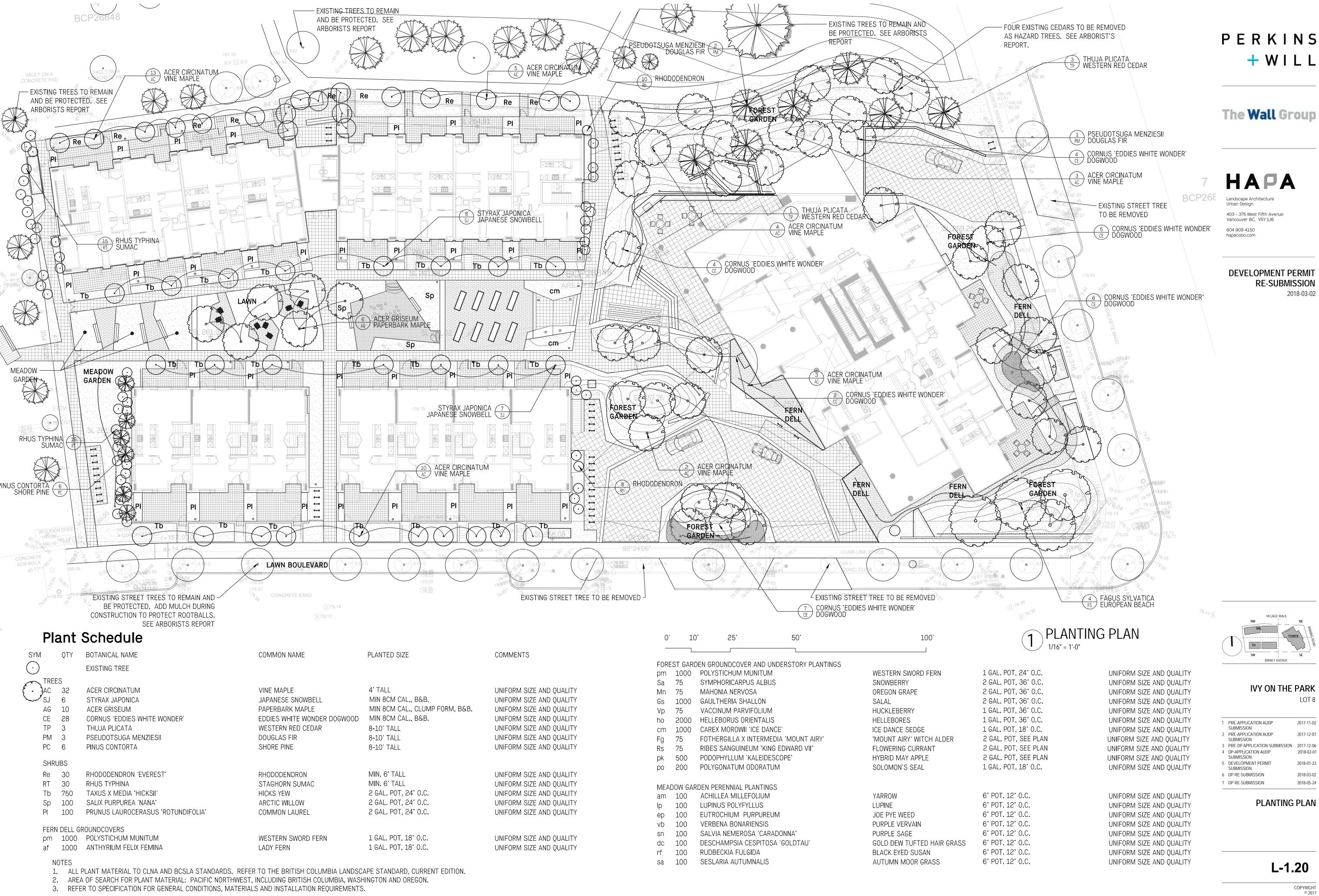


### IVY ON THE PARK

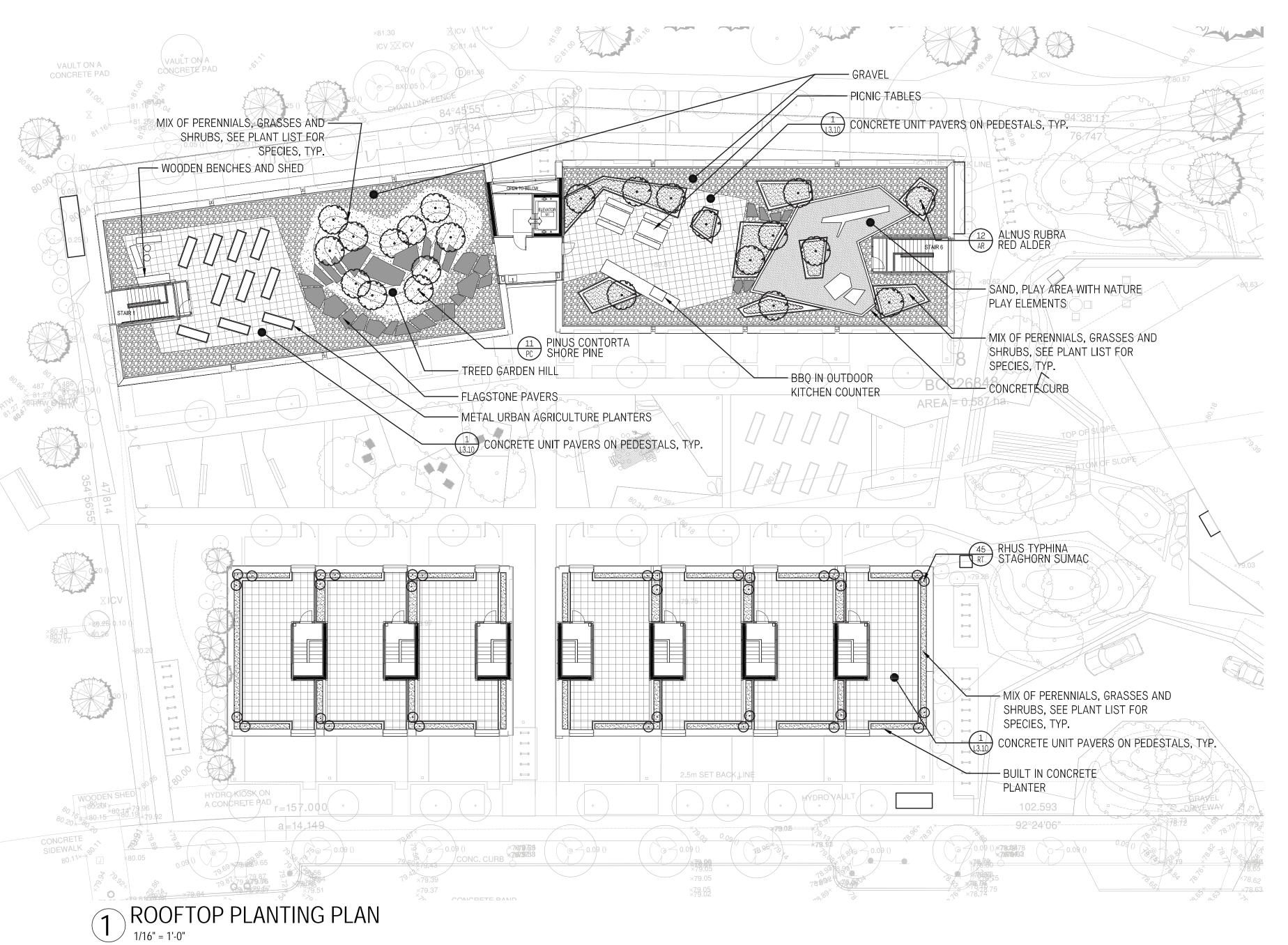
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7	DP RE-SUBMISSION	2018-05-24

## LANDSCAPE MATERIALS AND LAYOUT PLAN

L-1.10



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### Plant Schedule

	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE	COMMENTS
SHRUBS  RT 64  AR 12  PC 11  Tb 400  Sp 200		RHUS TYPHINA ALNUS RUBRA PINUS CONTORTA TAXUS X MEDIA 'HICKSII' SALIX PURPUREA 'NANA'	STAGHORN SUMAC RED ALDER SHORE PINE HICKS YEW ARCTIC WILLOW	MIN. 6' TALL 6 CM CAL. 6' TALL MIN. 2 GAL. POT, 24" O.C. 2 GAL. POT, 24" O.C.	UNIFORM SIZE AND QUALITY
PERE Vb sn sa	ENNIALS 200 200 200	AND GRASSES  VERBENA BONARIENSIS  SALVIA NEMEROSA 'CARADONNA'  SESLARIA AUTUMNALIS	PURPLE VERVAIN PURPLE SAGE AUTUMN MOOR GRASS	6" POT. 12" O.C. 6" POT. 12" O.C. 2 GALLON POT. 18" O.C.	UNIFORM SIZE AND QUALITY UNIFORM SIZE AND QUALITY UNIFORM SIZE AND QUALITY

- 1. ALL PLANT MATERIAL TO CLNA AND BCSLA STANDARDS. REFER TO THE BRITISH COLUMBIA LANDSCAPE STANDARD, CURRENT EDITION.
- 2. AREA OF SEARCH FOR PLANT MATERIAL: PACIFIC NORTHWEST, INCLUDING BRITISH COLUMBIA, WASHINGTON AND OREGON.
- 3. REFER TO SPECIFICATION FOR GENERAL CONDITIONS, MATERIALS AND INSTALLATION REQUIREMENTS.

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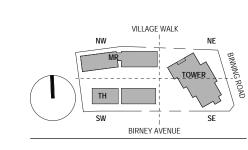
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### **DEVELOPMENT PERMIT RE-SUBMISSION**

2018-03-02



### IVY ON THE PARK

LOT 8

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### ROOFTOP PLANTING PLAN

L-1.22



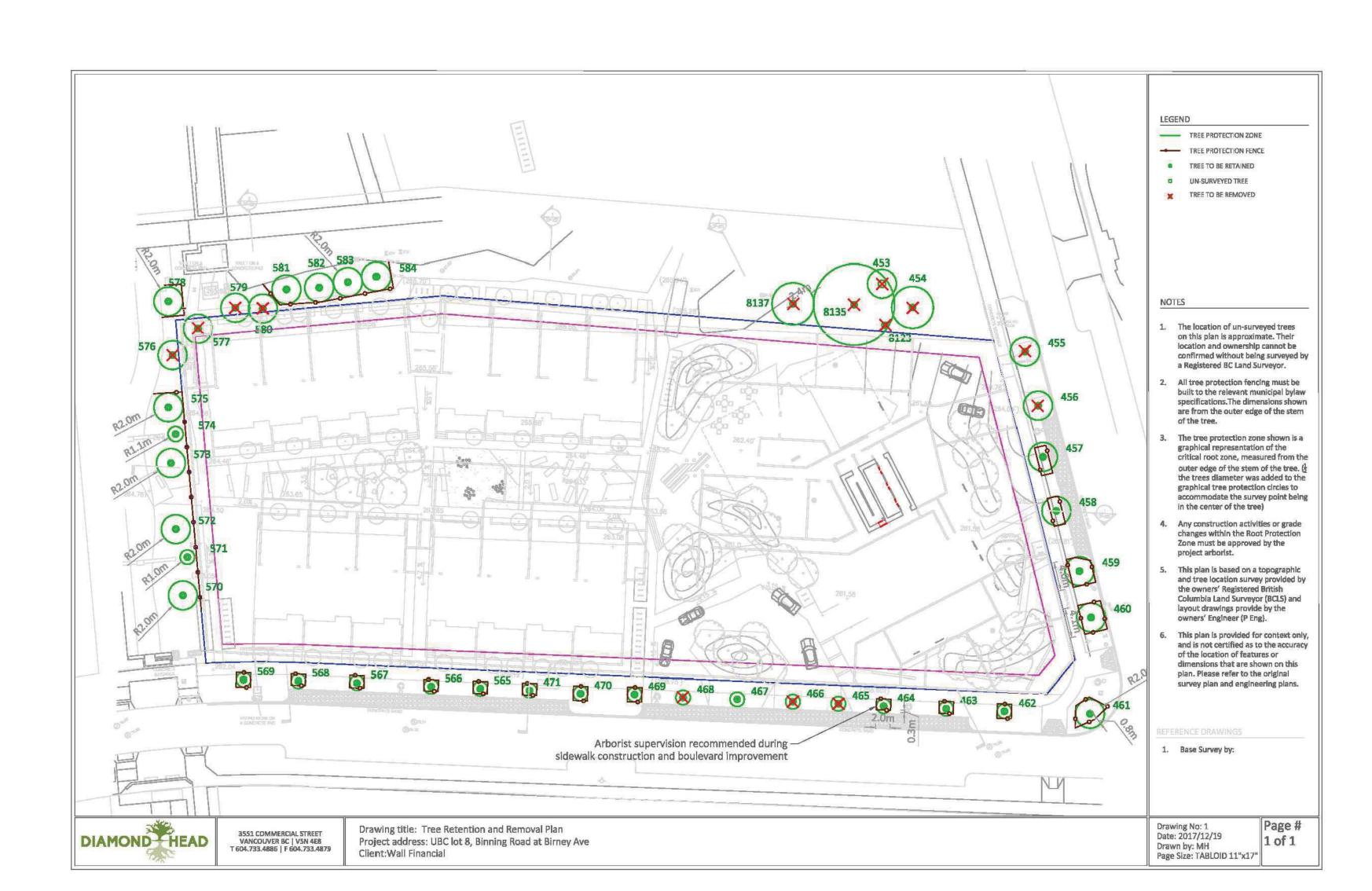
7 DP RE-SUBMISSION

TREE RETENTION AND REMOVAL PLAN

L-1.40

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2018-05-24



See Arborist's report in conjunction with this plan **Arboricultural Inventory** and Report For: **Wall Financial Corporation** Site Location: **Lot 8 UBC South Campus** To be submitted with Tree Retention and Removal Plan dated December 18, 2017 Submitted to: Edmund Siqueira, P.Eng. **Head of Construction** Date: December 18, 2017 Submitted by: DIAMOND HEAD 3559 Commercial Street

Vancouver, BC 604.733.4886

TREE RETENTION AND REMOVAL PLAN

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SOUTH TOWNHOUSES, BEYOND

WALKWAY

PERCH

EXISTING WATERWAY

MACRAE LANE WALKWAY

SECTION LOOKING NORTH THROUGH FERN DELL

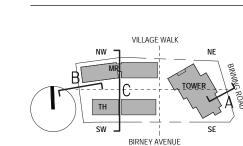
1/8" = 1'0"

GROUND LEVEL UNIT PATIO

BINNING ROAD

SECTION LOOKING SOUTH THROUGH PERCH





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LANDSCAPE SECTIONS



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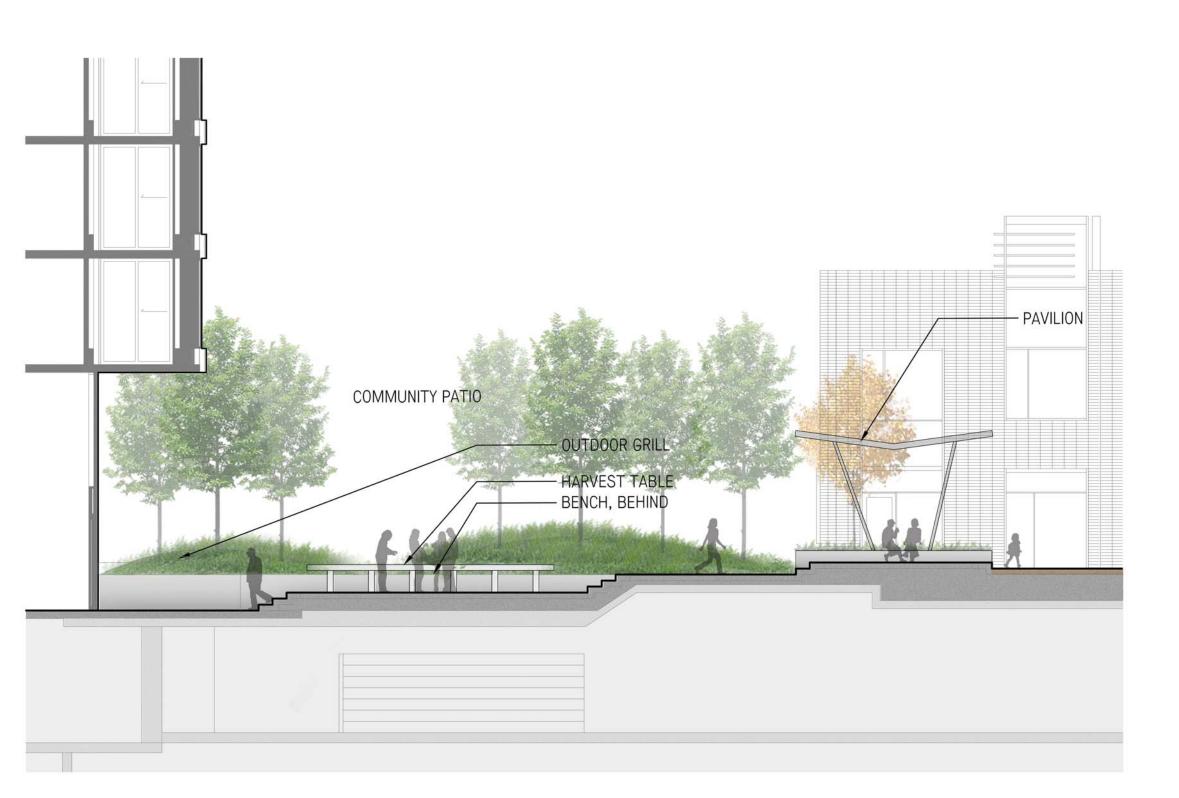
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DEVELOPMENT PERMIT RE-SUBMISSION

2018-03-02





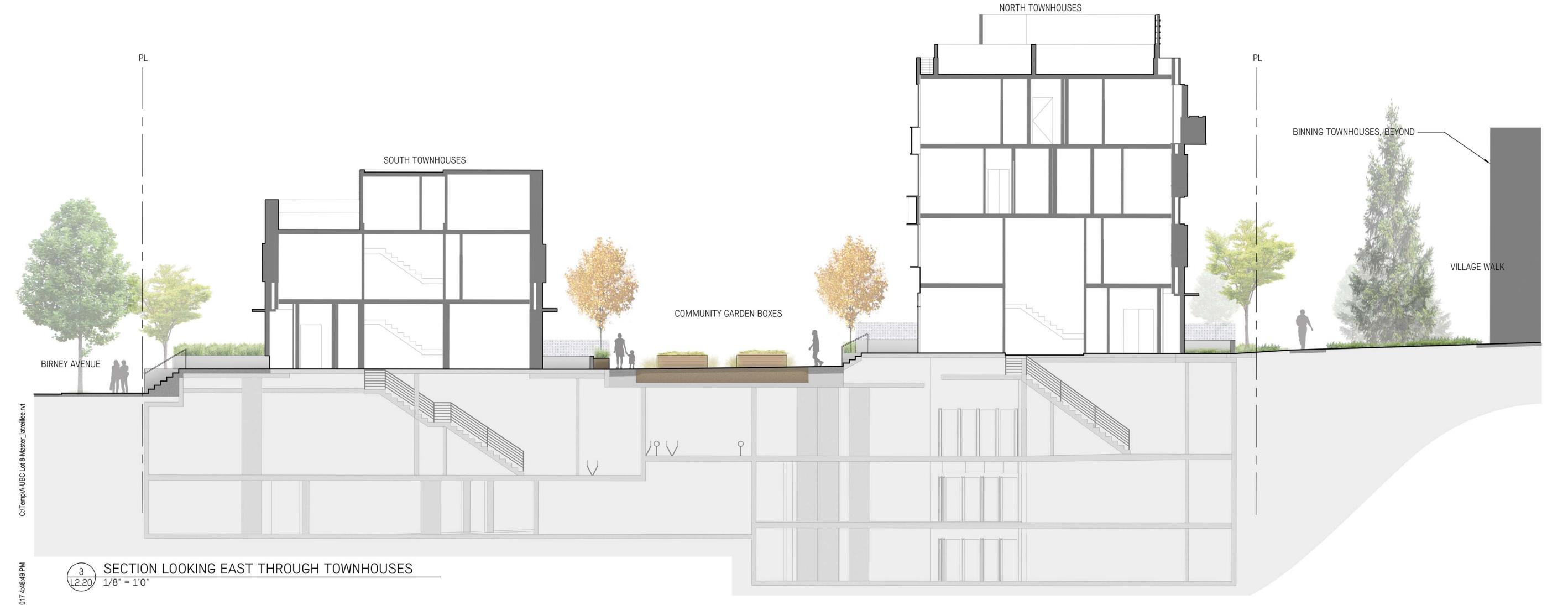
NORTH TOWNHOUSES, BEYOND

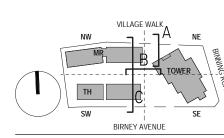
TOWER AMENITY LOUNGE

- STEPPED RETAINING WALLS BRICK, TO MATCH ARCH.

COMMUNITY PATIO







# IVY ON THE PARK LOT 8

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 SUBMISSION
 2018-01-23

 DEVELOPMENT PERMIT SUBMISSION
 2018-01-23

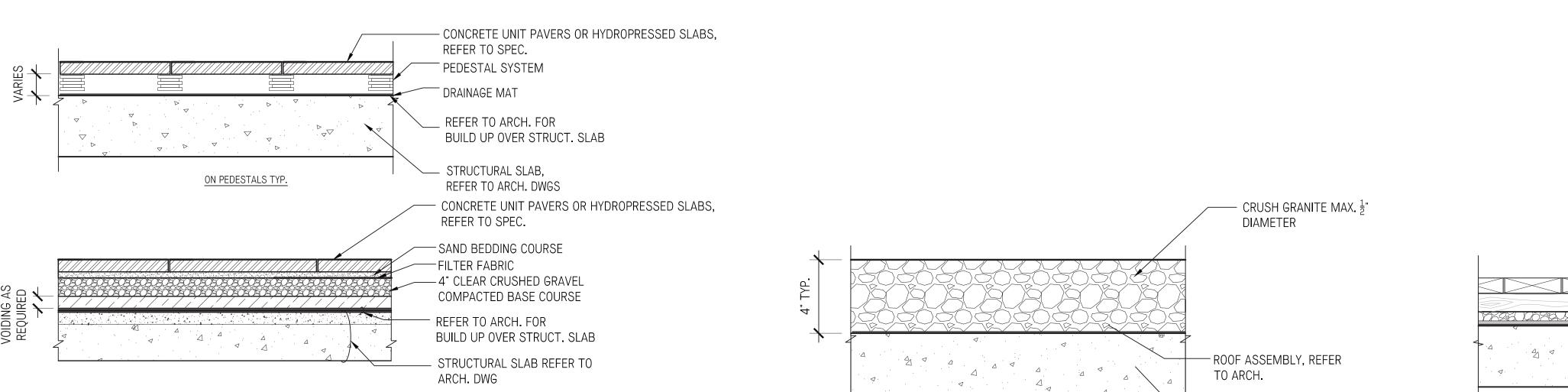
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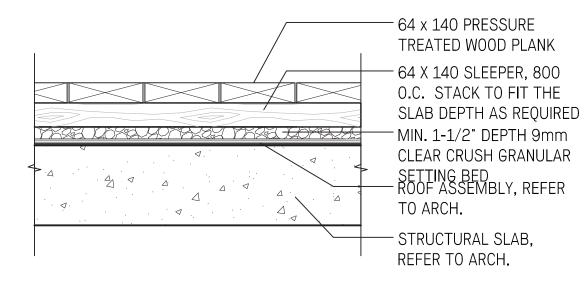
 DP RE-SUBMISSION
 2018-05-24

LANDSCAPE SECTIONS

L-2.20







WOOD DECK

L3.10 1"=1'-0"



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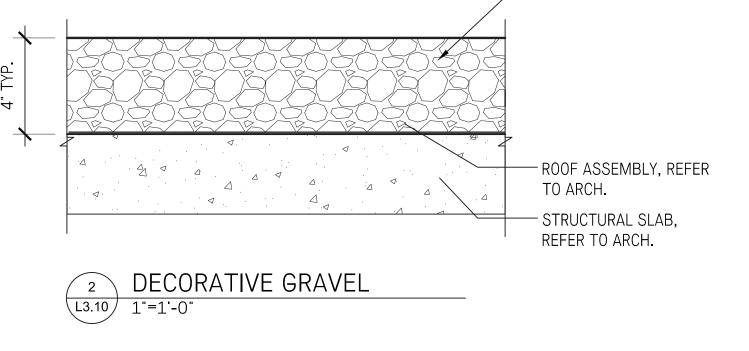
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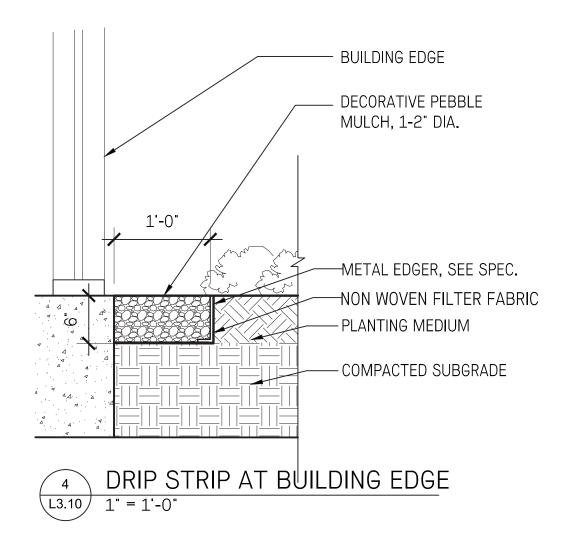
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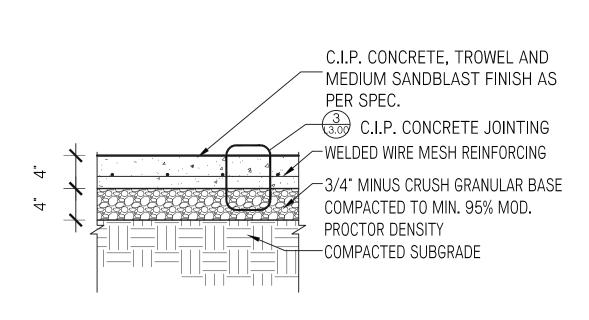


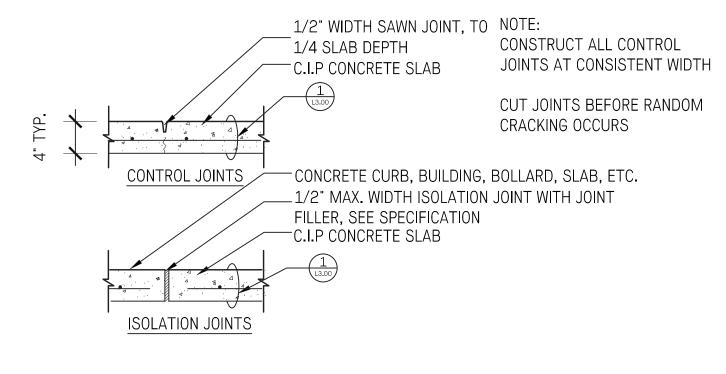


CONCRETE PAVERS

L3.10 1"=1-'0"

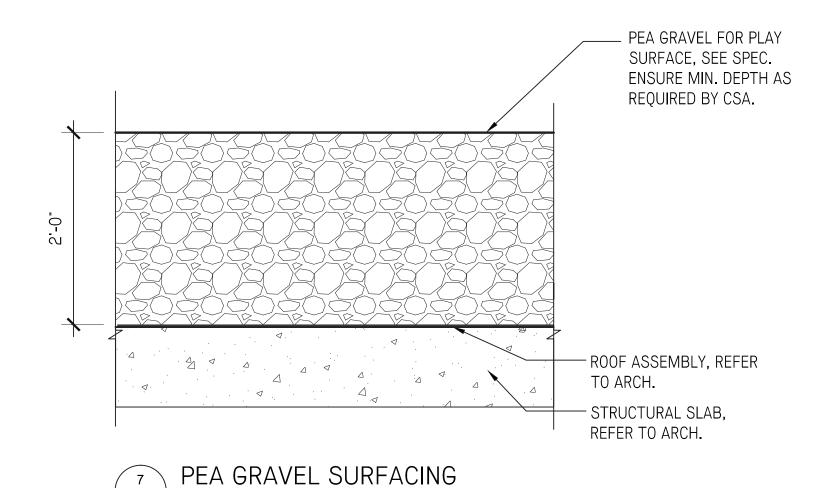
ON SLAB TYP.



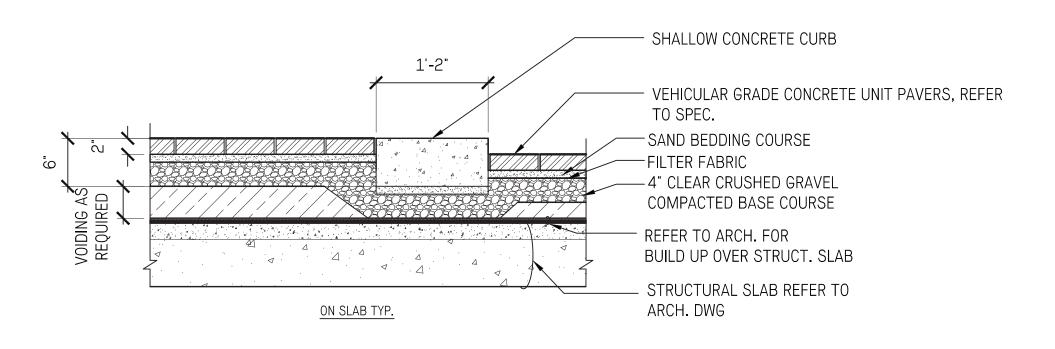








L3.10 1"=1'-0"



SHALLOW CONCRETE CURB L3.10 1"=1-'0"

6 DP RE-SUBMISSION 2018-03-02 7 DP RE-SUBMISSION 2018-05-24

3 PRE-DP APPLICATION SUBMISSION 2017-12-06

IVY ON THE PARK

1 PRE-APPLICATION AUDP

2 PRE-APPLICATION AUDP SUBMISSION

4 DP-APPLICATION AUDP

SUBMISSION 5 DEVELOPMENT PERMIT

SUBMISSION

SUBMISSION

LOT 8

2017-11-02

2018-02-01

2018-01-23

**PAVING DETAILS** 

L -3.10

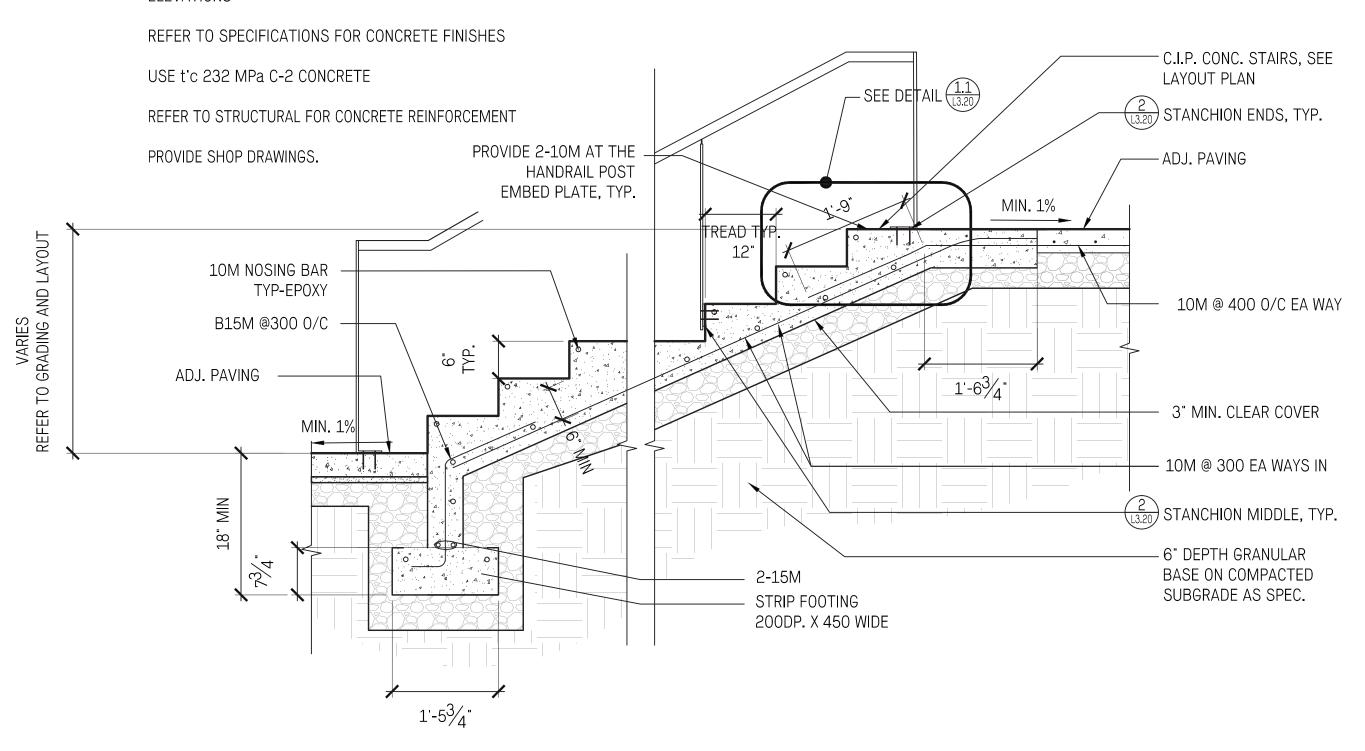
HAPA Landscape Architecture Urban Design

> **RE-SUBMISSION** 2018-03-02

**DEVELOPMENT PERMIT** 

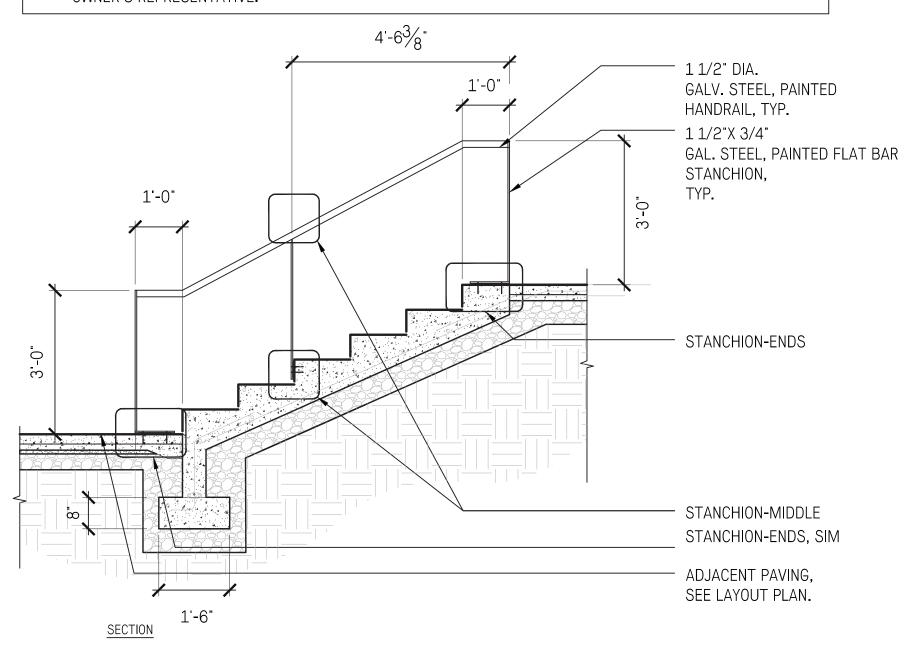
-SLIP RESISTANCE: MEDIUM SHOT BLAST FINISH ON EACH TREAD, TYP AS PER SPEC 12", ONE TREAD WIDTH TACTILE WARNING: GROOVES AS PER BCBC ACCESSIBILITY HANDBOOK SLOPED GUTTER WHERE STAIR ABUTS WALL

CIP CONCRETE STAIR FINISH & GUTTER L3.20 3/4"=1'-0"

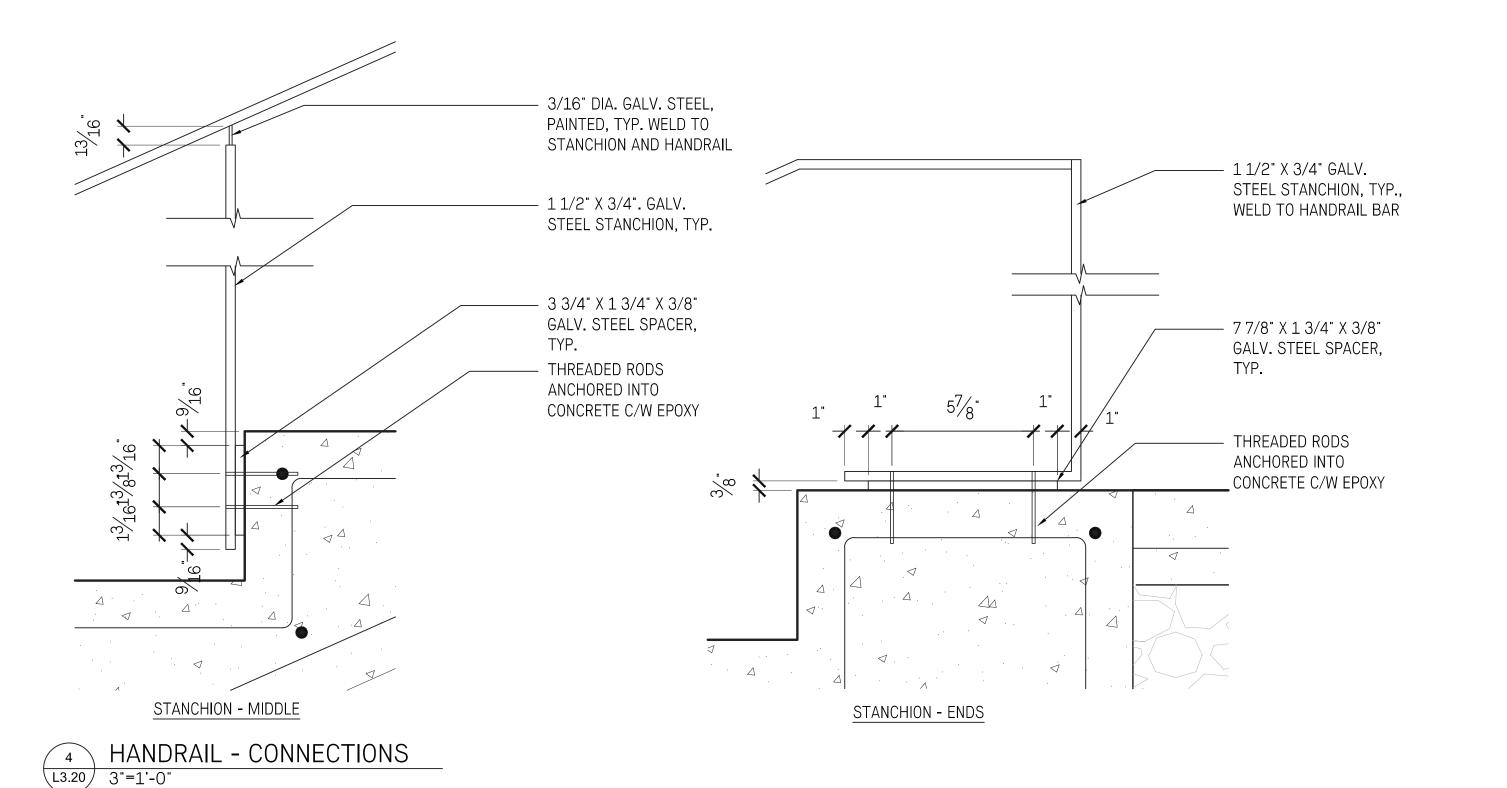


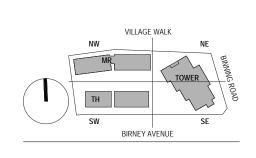
C.I.P. CONCRETE STAIRS - TYPICAL L3.20) 3/4"= 1-0"

- 1. HANDRAIL HEIGHT & DESIGN TO CONFORM TO BC BUILDING CODE. CONFIRM DIMENSIONS ON SITE.
- 2. GRIND ALL CUT/WELDED SURFACES TO SMOOTH UNIFORM FINISH,
- 3. ALL METAL COMPONENTS TO BE PAINTED TO BE GALVANIZED AND PAINTED. CONFIRM COLOUR WITH LANDSCAPE ARCHITECT
- 4. PROVIDE SHOP DRAWINGS, SIGNED AND SEALED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN BRITISH COLUMBIA, FOR ALL METAL COMPONENTS AND CONNECTIONS, FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE.









### IVY ON THE PARK

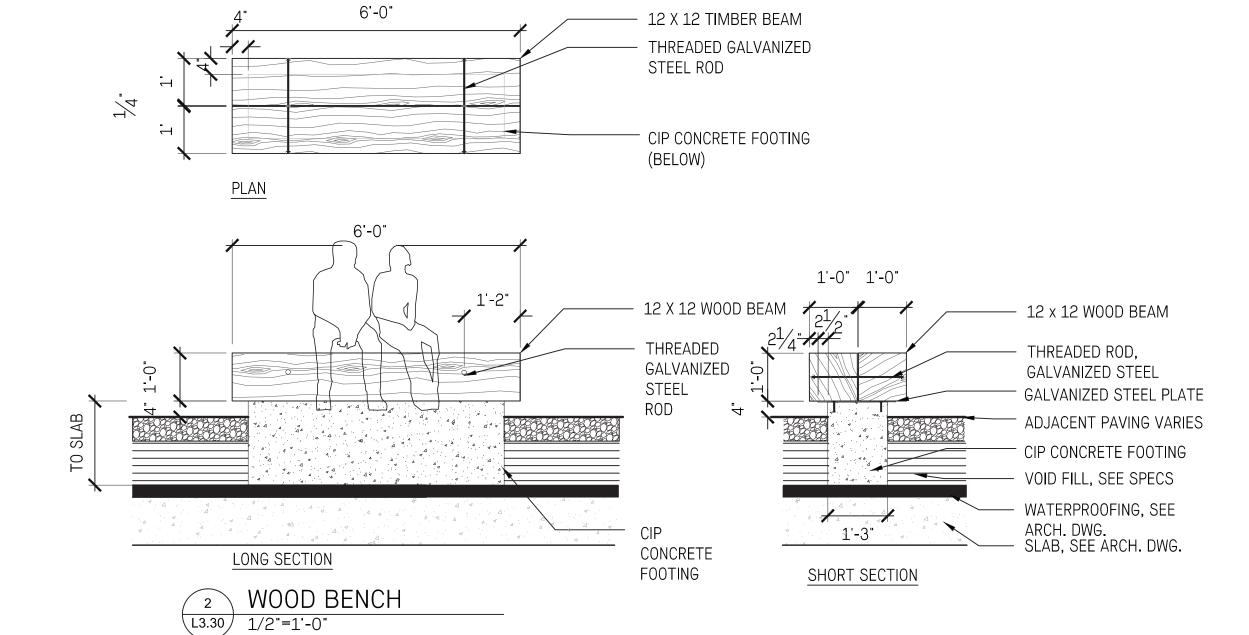
LOT 8

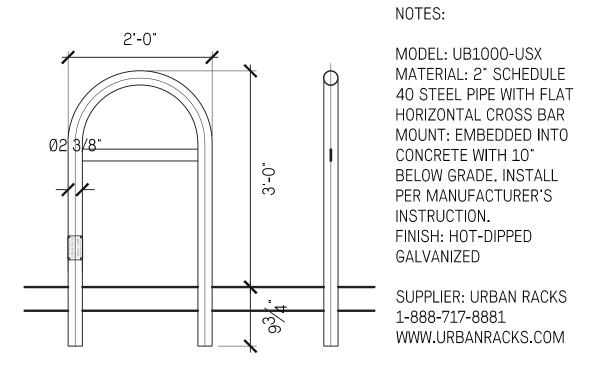
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#### LANDSCAPE STAIRS AND HANDRAILS DETAILS

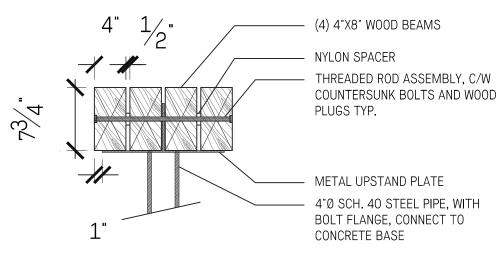
L -3.20

### URBAN AGRICULTURE PLANTER L3.30 1/2"=1'-0"

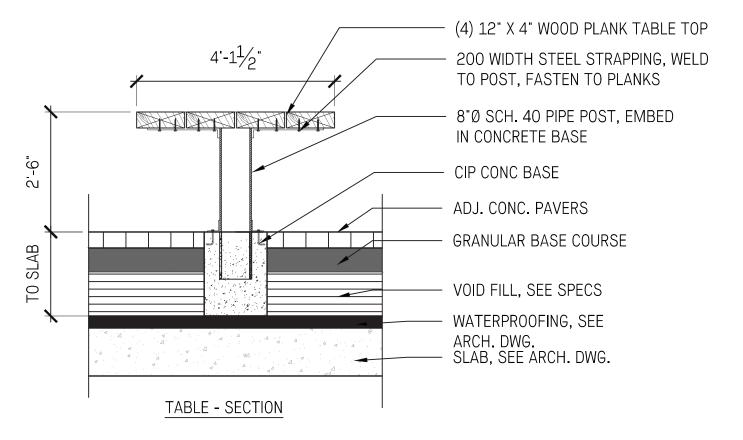


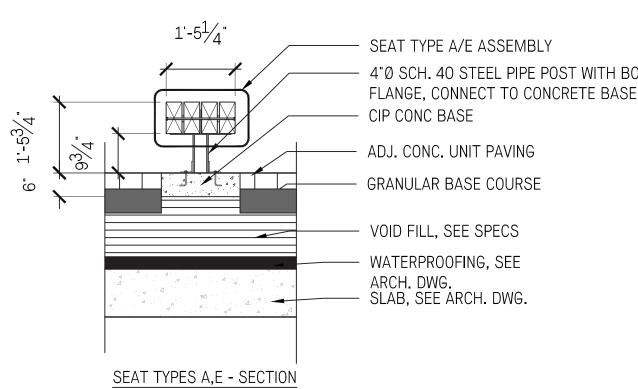


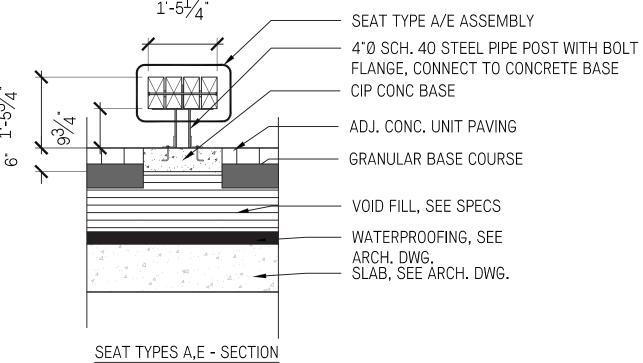
3 BIKE RACK L3.30 3/4"=1'-0"

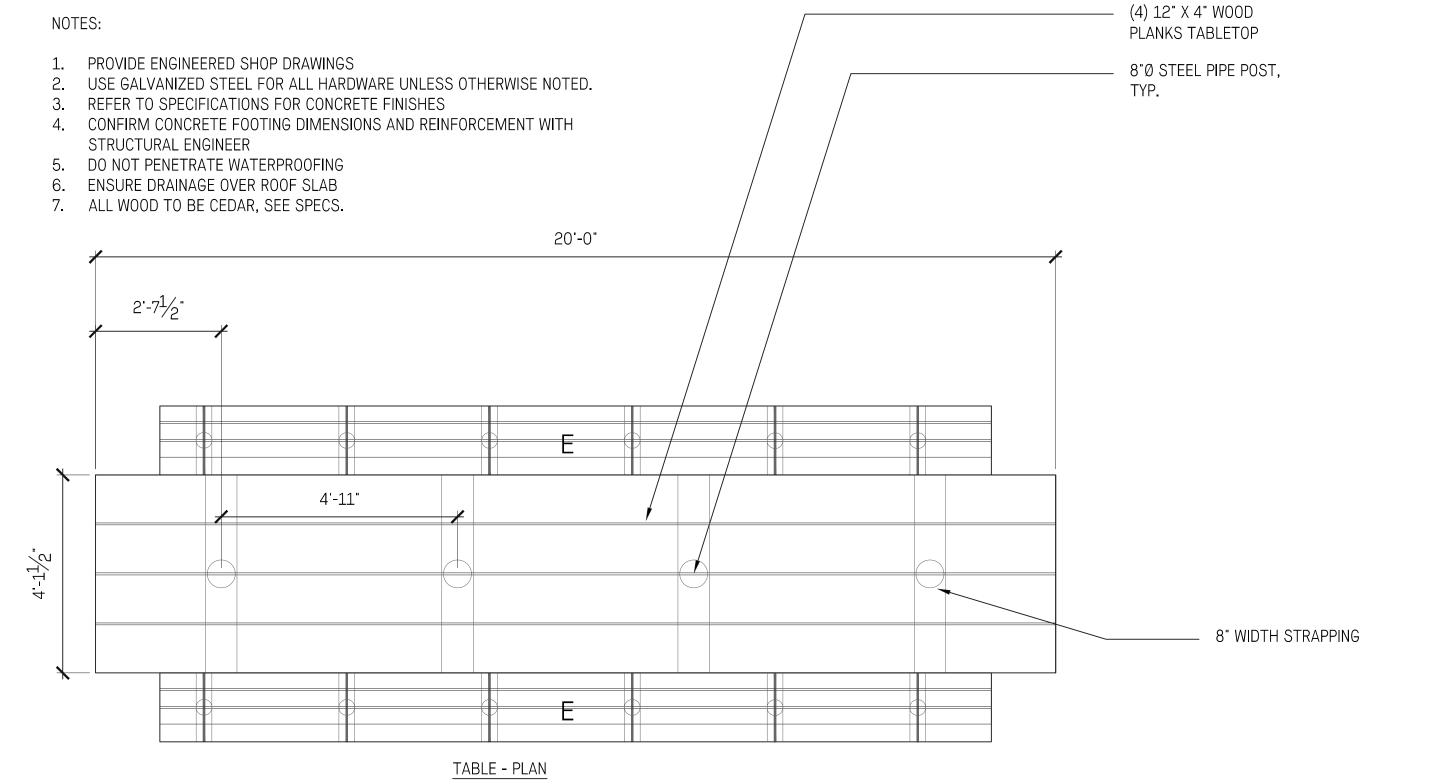


WOOD SEAT ASSEMBLY DETAIL 1" = 1'-0"









4 HARVEST TABLE L3.30) 1/2"=1'-0"

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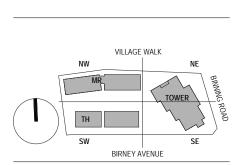


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### IVY ON THE PARK

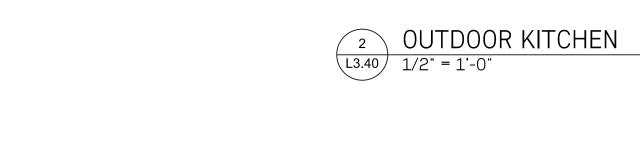
LOT 8

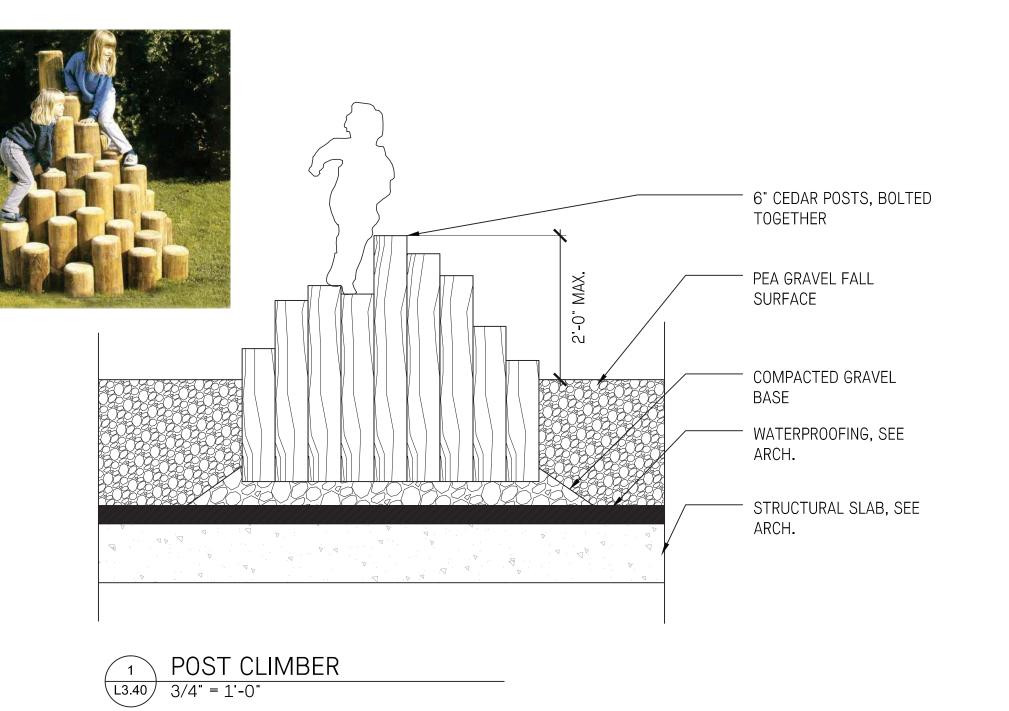
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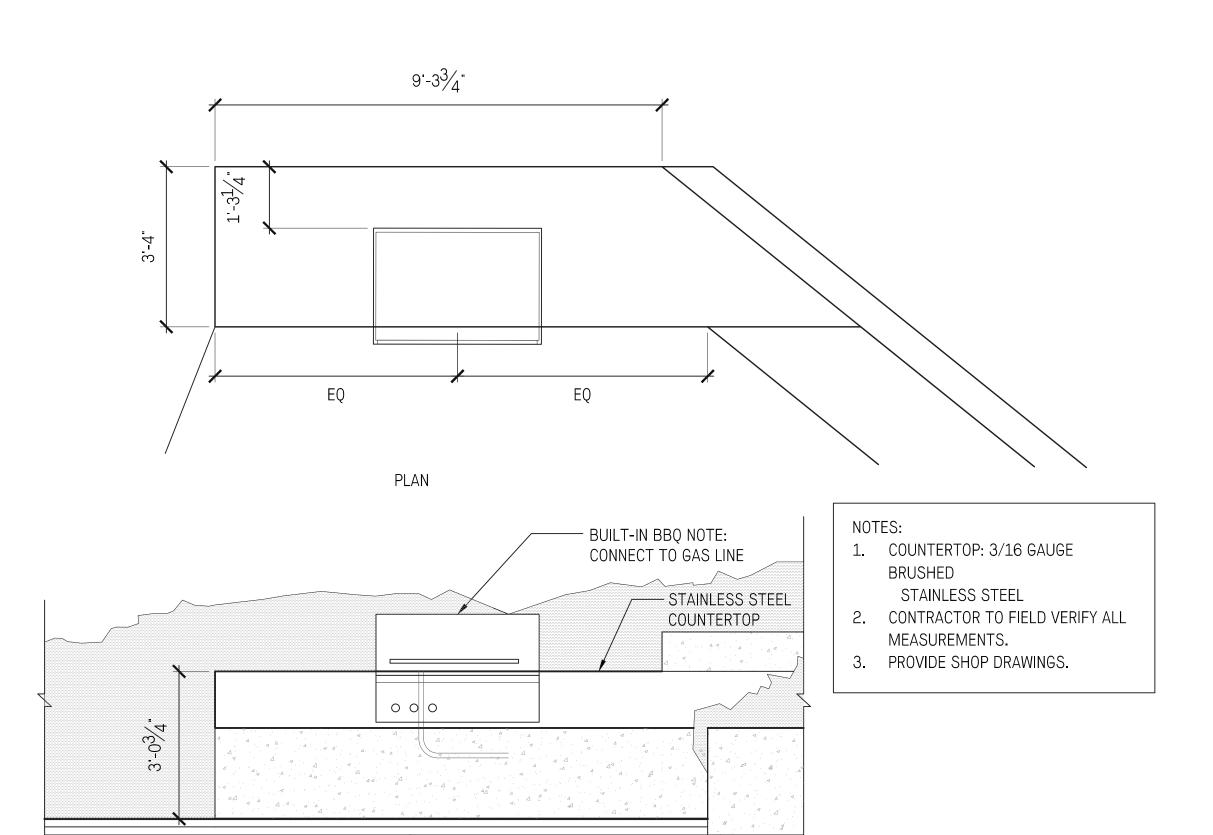
### LANDSCAPE FURNISHINGS **DETAILS**

L3.30



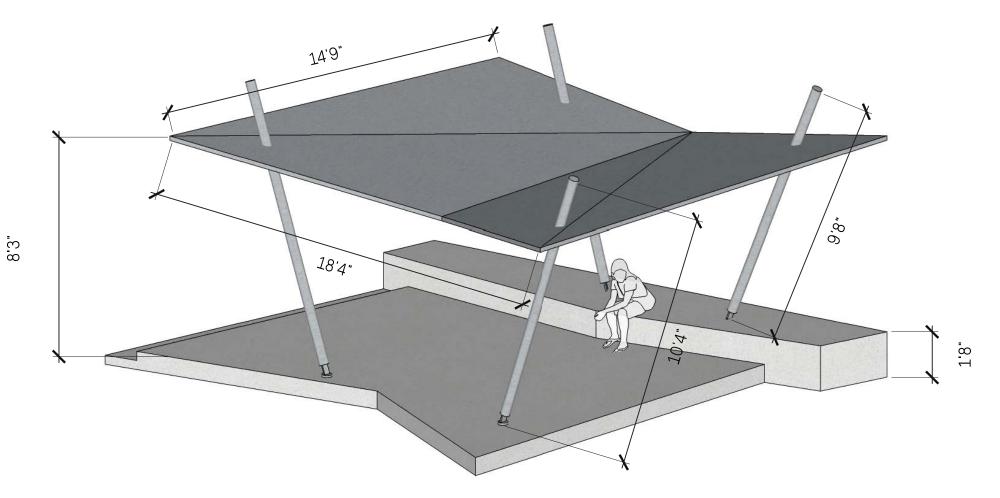






SECTION ELEVATION









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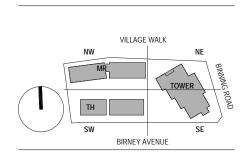
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### IVY ON THE PARK

LOT 8

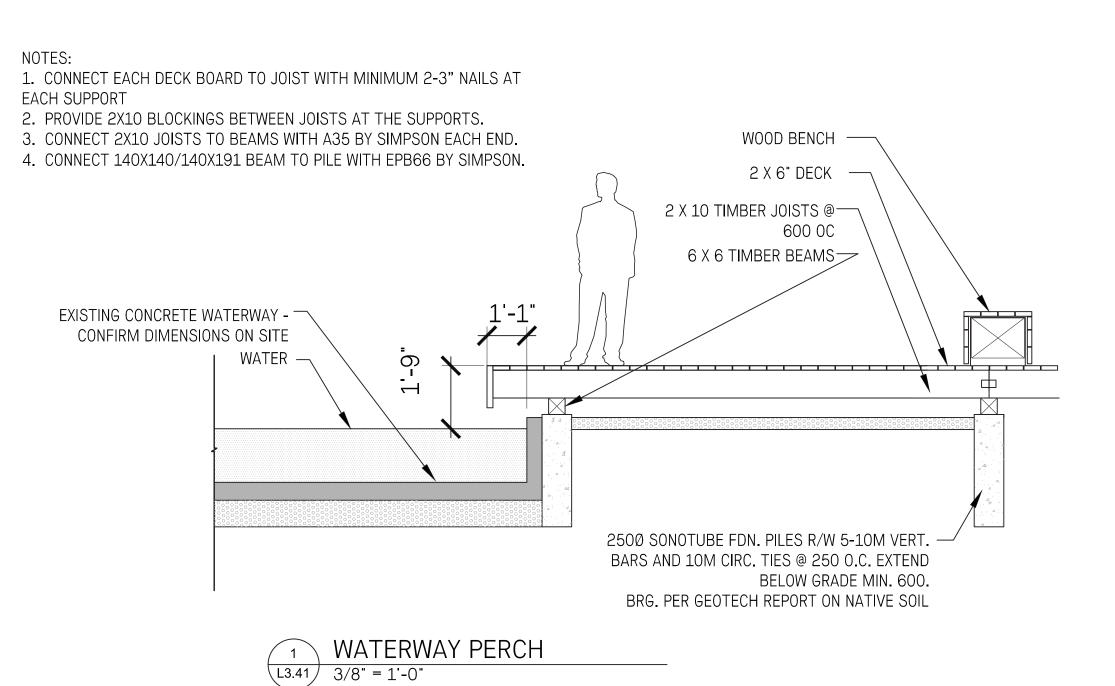
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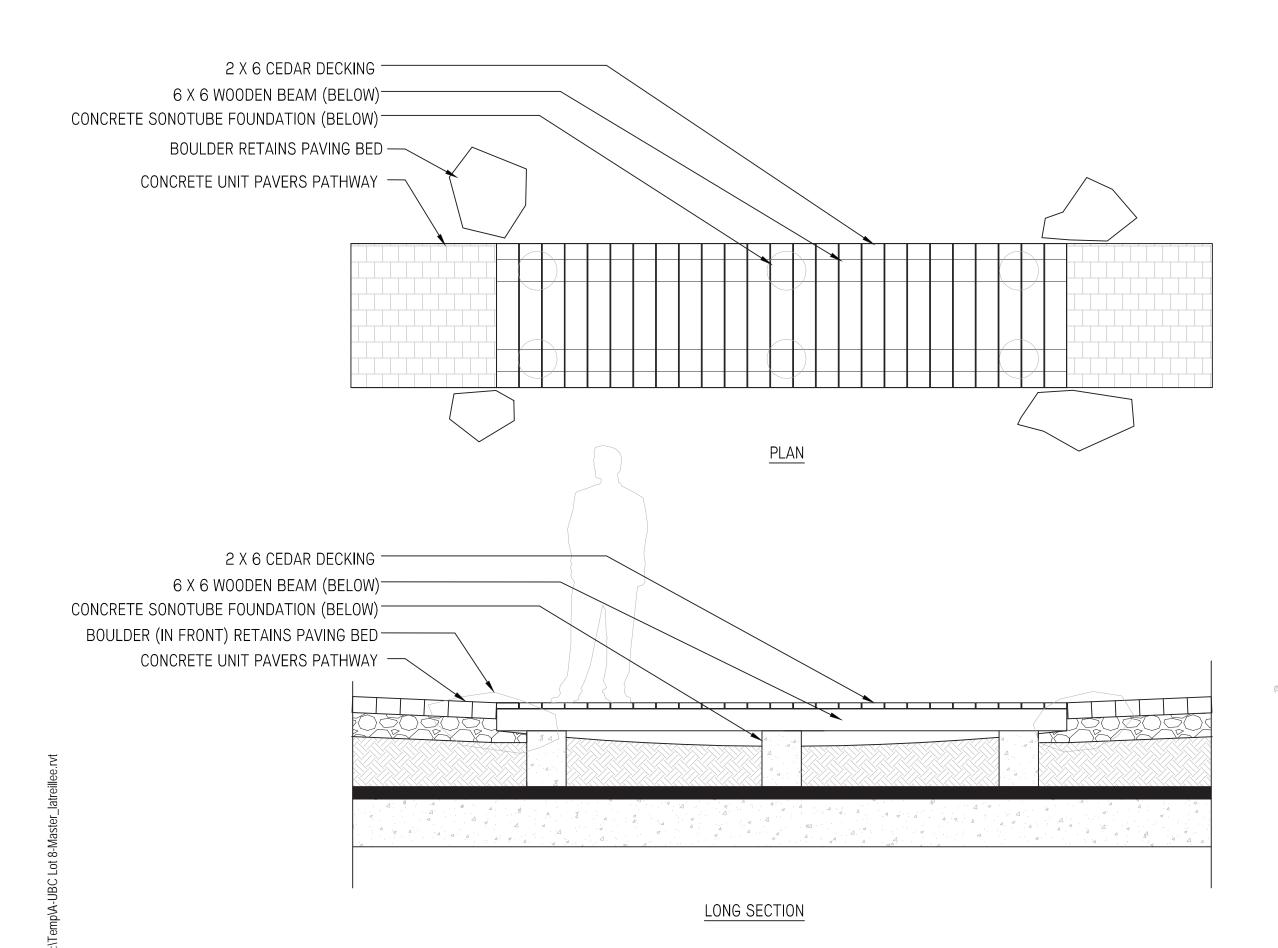
LANDSCAPE STRUCTURES **DETAILS** 

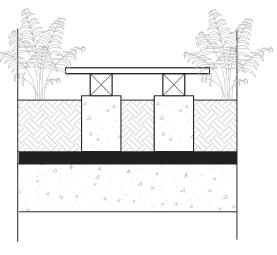
7 DP RE-SUBMISSION

L3.40

2018-05-24

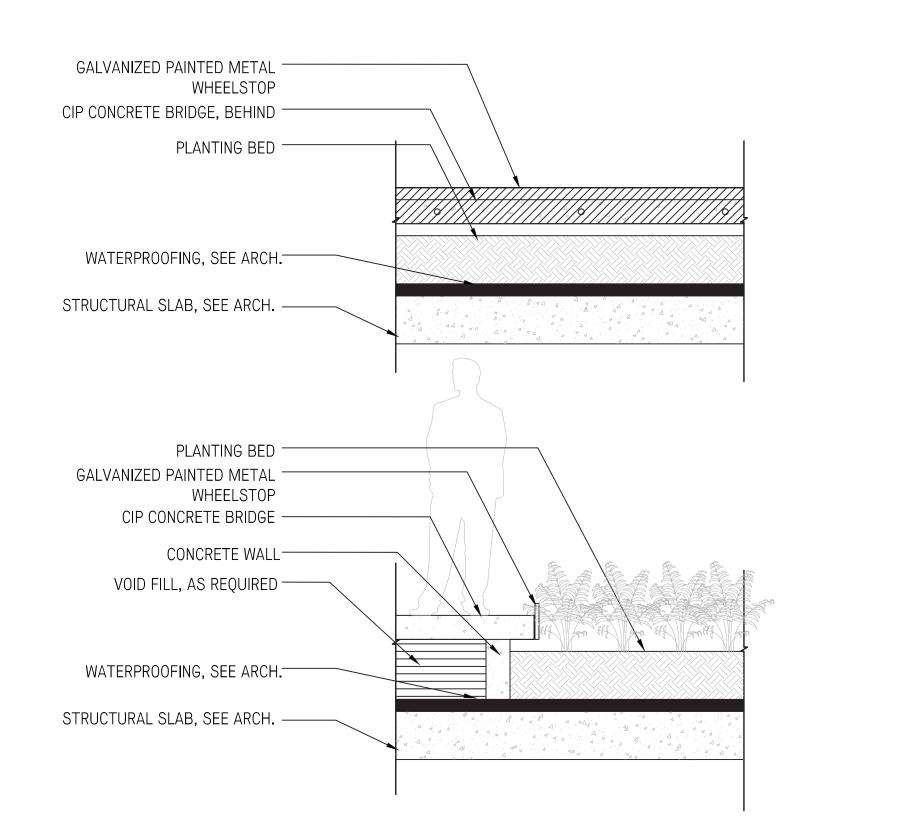






CROSS SECTION

2 L3.41) FERN DELL BRIDGE 1/2" = 1'-0"



L3.41 1/2" = 1'-0"

LOBBY ENTRANCE BRIDGE

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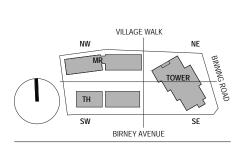
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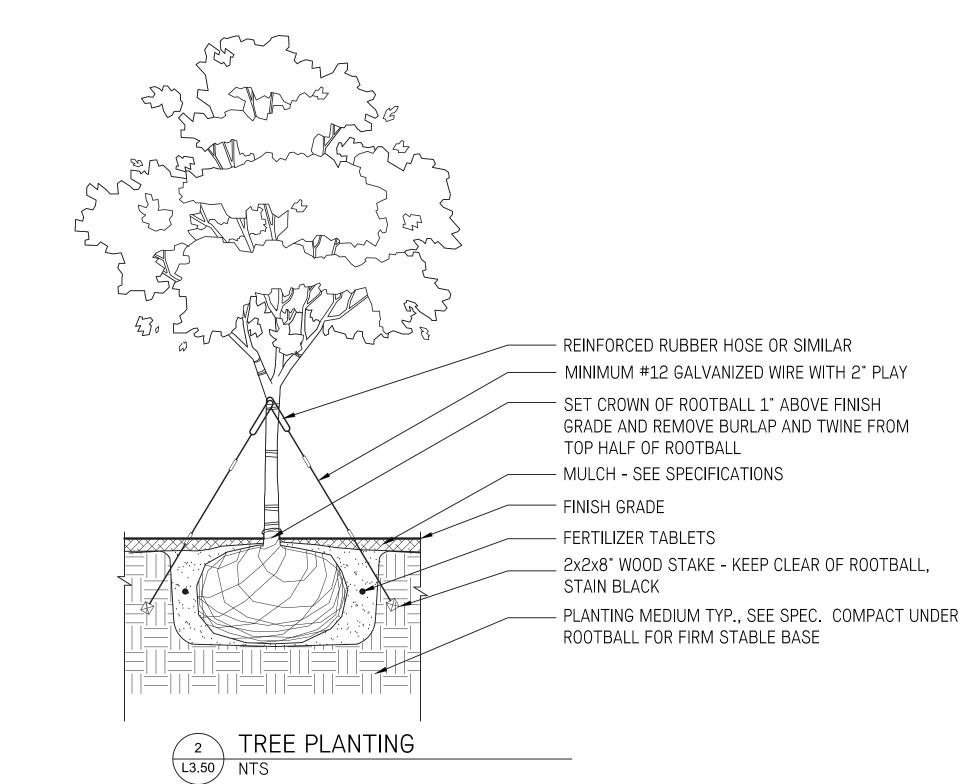
LOT 8

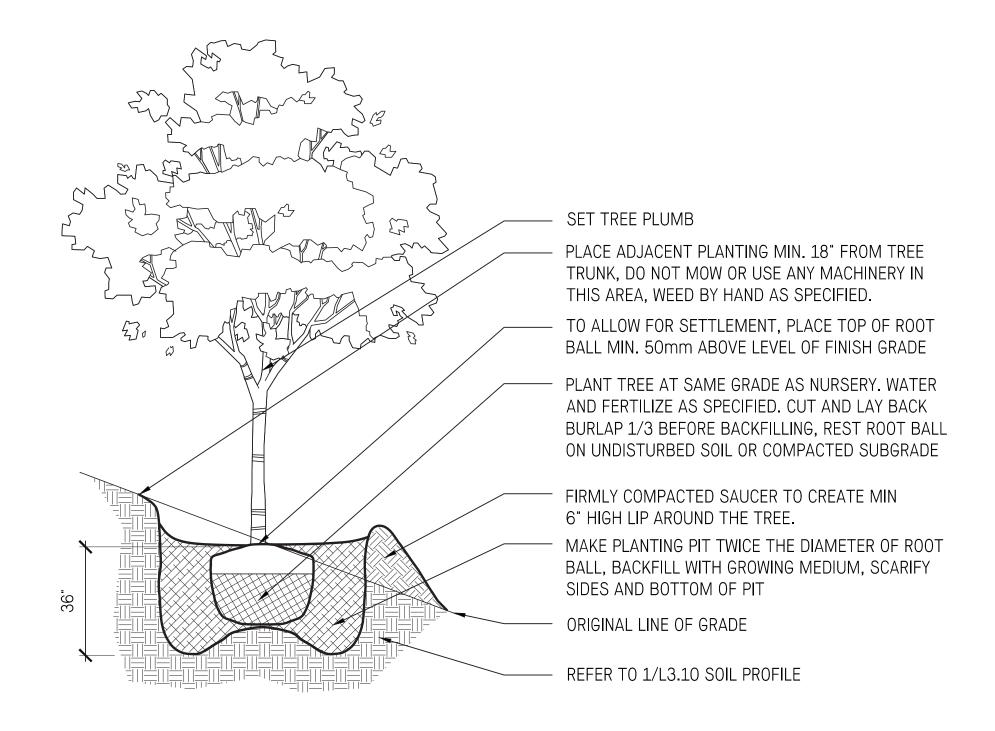
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#### LANDSCAPE STRUCTURES **DETAILS**

L3.41









EXTENSIVE GREEN ROOF

WATER RETENTION LAYER

ROOF ASSEMBLY, REFER TO

STRUCTURAL SLAB, REFER TO

PLANTING MEDIUM

AND DRAIN MAT

SYSTEM

ARCH.

ARCH.

SODDED LAWN, SEE

PLANTING MEDIUM, SEE

- SCARIFIED SUBGRADE

- COMPACTED SUBGRADE

SPECIFICATIONS

SPECIFICATIONS

- FINISH GRADE

**FABRIC** 

----- ROOF ASSEMBLY,

SEE ARCH.

COMPACTED

SUBGRADE

POLYSTYRENE

VOIDING AS REQ'D

STRUCTURAL SLAB

2"MIN. MULCH, SEE SPEC.

PLANTING MEDIUM,

SEE SPECIFICATIONS

- SCARIFIED SUBGRADE - NON WOVEN FILTER

- FINISH GRADE

是不会是不是一个人的 经验证 经净汇票 医电影 医电影 医电影

EXTENSIVE GREEN ROOF, TYP.

LAWN AREAS ON GRADE

ON GRADE

SOIL PROFILES

NTS

ON SLAB

18" SHRUBS

AND GROUNDCOVERS

30" FOR TREES



### The Wall Group

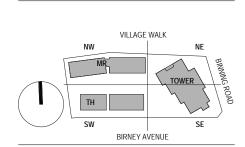
### HAPA

Landscape Architecture Urban Design

403 - 375 West Fifth Avenue Vancouver BC, V5Y 1J6

604 909 4150 hapacobo.com

DEVELOPMENT PERMIT RE-SUBMISSION 2018-03-02



### IVY ON THE PARK

LOT 8

1	PRE-APPLICATION AUDP SUBMISSION	2017-11-0
2	PRE-APPLICATION AUDP SUBMISSION	2017-12-0
3	PRE-DP APPLICATION SUBMISSION	2017-12-0
4	DP-APPLICATION AUDP SUBMISSION	2018-02-
5	DEVELOPMENT PERMIT SUBMISSION	2018-01-2
6	DP RE-SUBMISSION	2018-03-0
7	DP RE-SUBMISSION	2018-05-2

### PLANTING DETAILS