

#### Memorandum

Date:	July 24, 2018					
Project:	Lot 8, Wesbrook Village					
То:	Steven Lecocq, Campus and Community Planning Jork Gravenstein, Perkins and Will					
	Joseph Fry. Hapa Ariel Vernon, Hapa					
Via:	☐ courier ☐ for approval	☐ mail ☐ for your action	<ul><li>☑ email</li><li>☐ for your information</li></ul>			

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

- The entrance patio to the midrise building was simplified due to new grading information for the existing grades.
- 2. One additional bike rack was added to the walkway between townhouses.
- 3. Two additional bike racks were added to the meadow walk. A mechanical vent was added to the planting area.
- 4. The pavilion design was developed see details.
- 5. The existing trees to be removed has been changed due to the need for a construction access route within Village Lane See arborists report.
- 6. Bollards added to courtyard pathways, see lighting plan.

Regards,

Sarah Siegel BCSLA CSLA ASLA Hapa Collaborative



8 DPMA SUBMISSION

LANDSCAPE CONCEPT

## HAPA

Landscape Architecture Urban Design

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2018-07-24

# + WILL

#### 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.

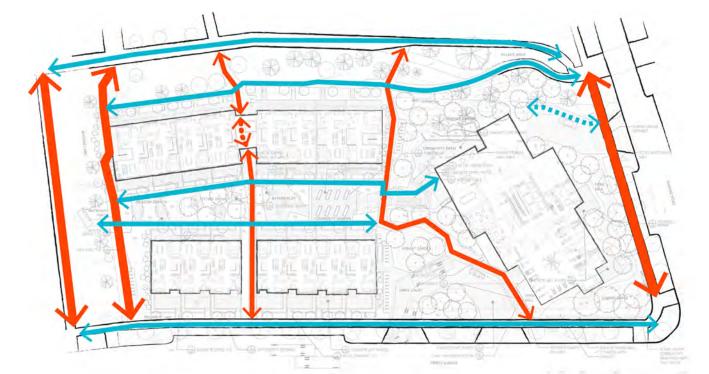




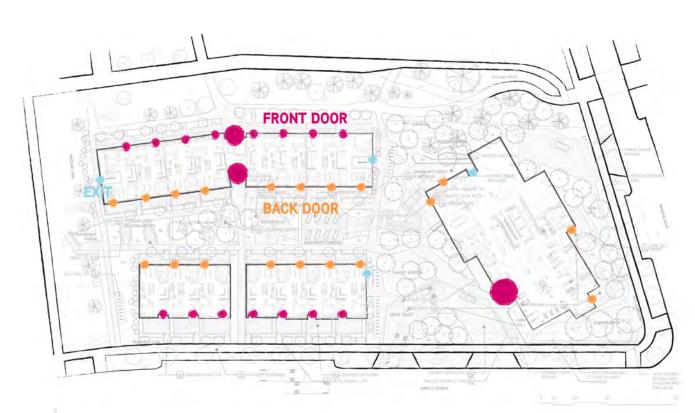








#### **PATHS**



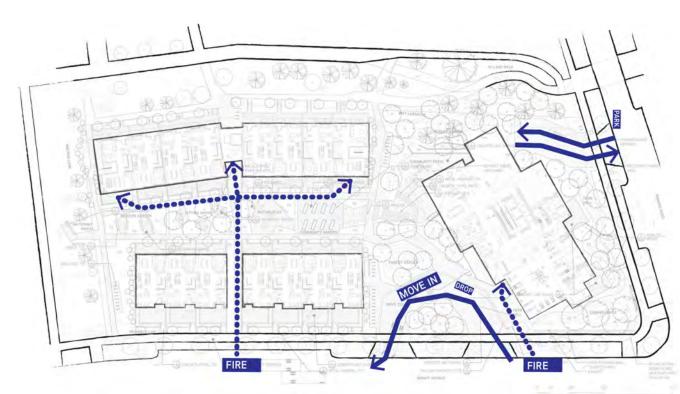




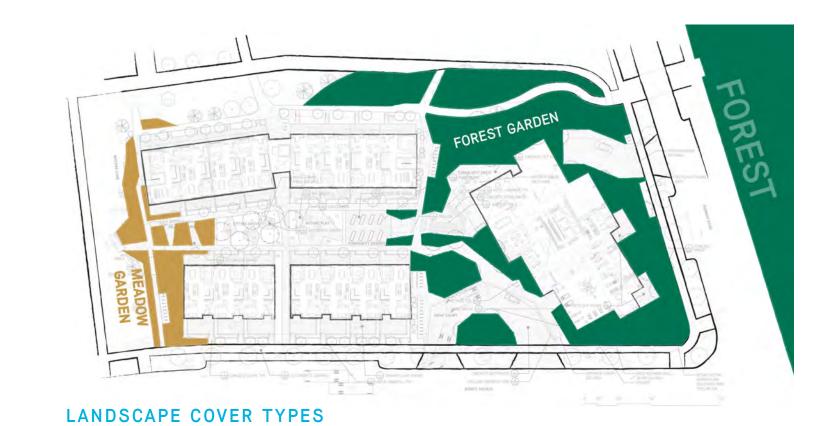
TREE CANOPY



**PLACES** 



VEHICULAR ACCESS



L-1.00

2018-07-24

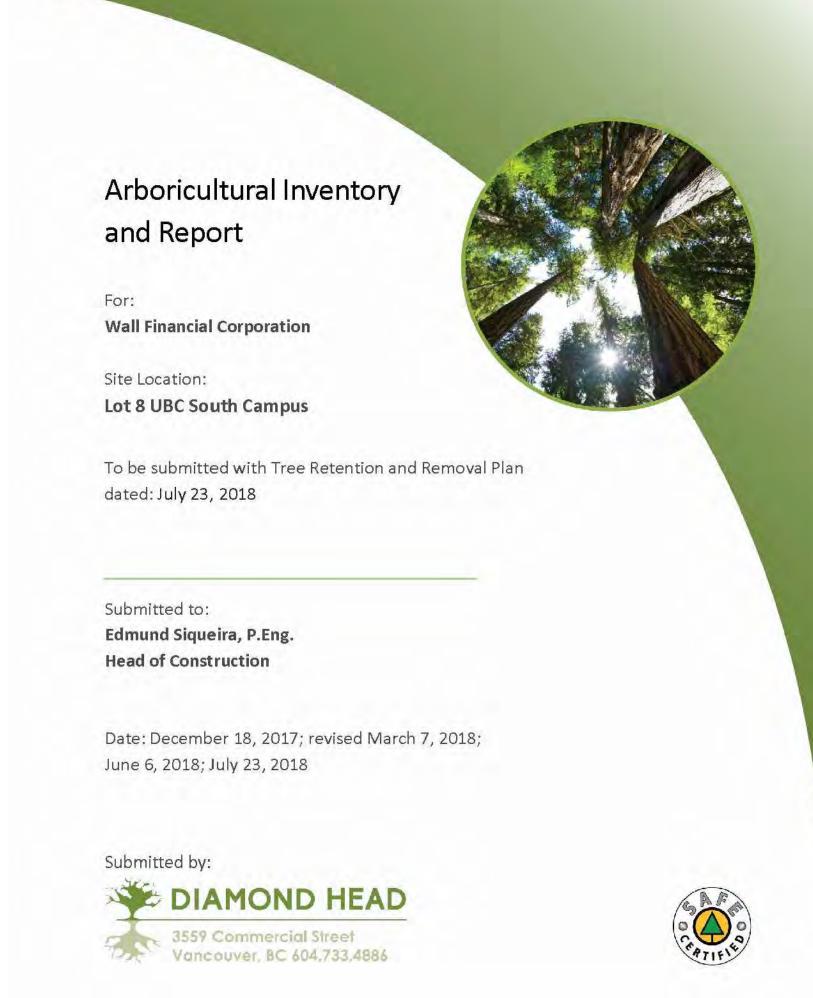
TREE RETENTION AND REMOVAL PLAN

The Wall Group

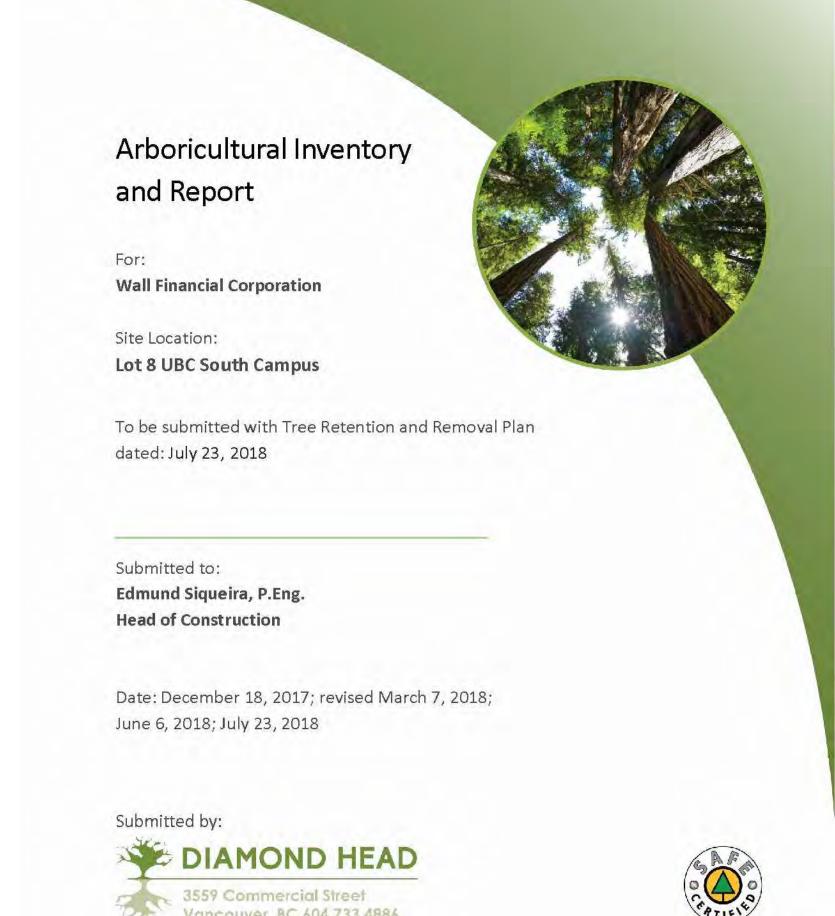
HAPA

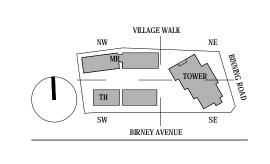
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See Arborist's report in conjunction with this plan





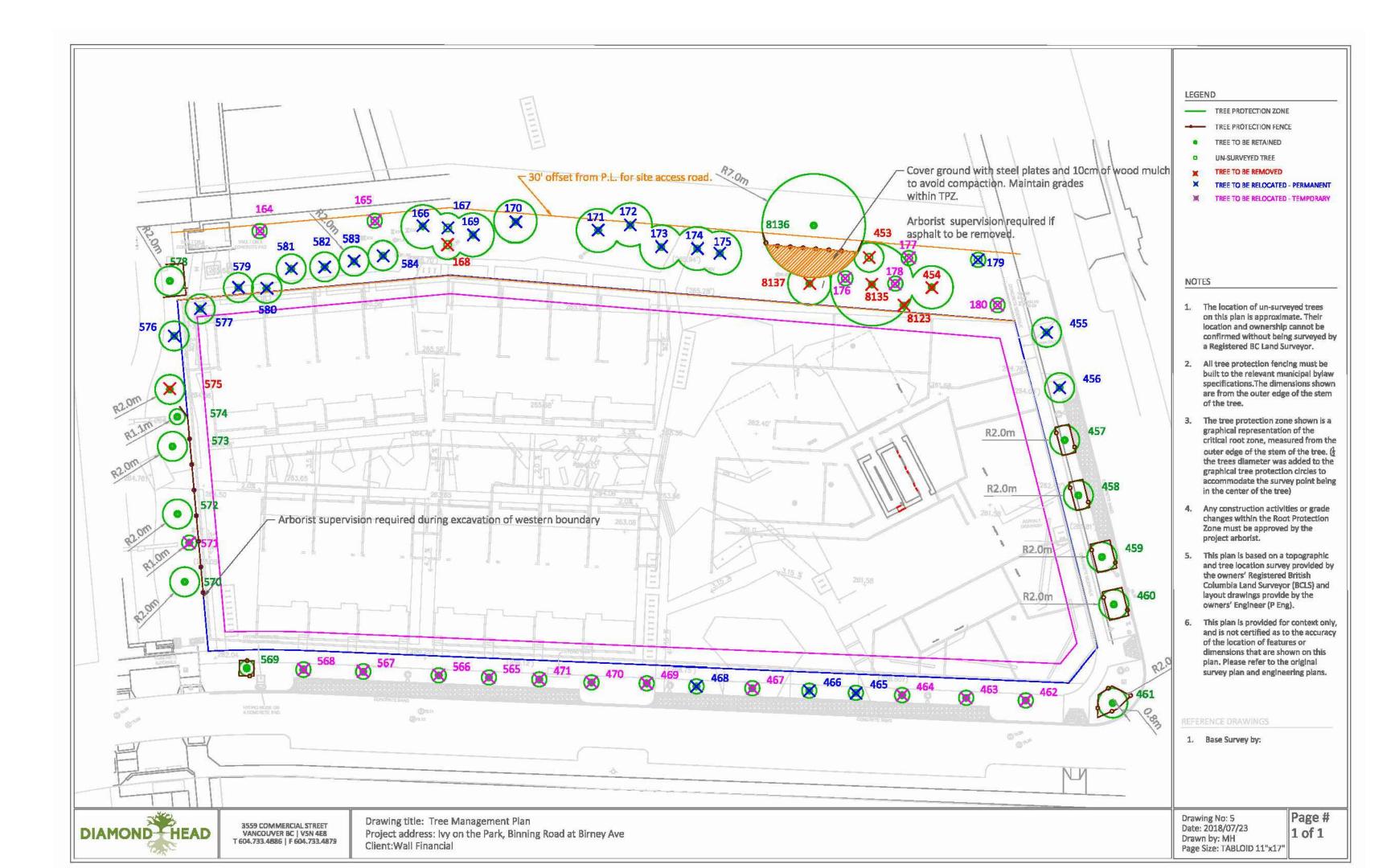
#### IVY ON THE PARK LOT 8

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	2018-02-0
5	DEVELOPMENT PERMIT SUBMISSION	2018-01-2
6	DP RE-SUBMISSION	2018-03-0
7	DP RE-SUBMISSION	2018-05-2

8 DPMA SUBMISSION

TREE RETENTION AND REMOVAL PLAN

L-1.01





1 MATERIALS PLAN
1/16" = 1'-0"

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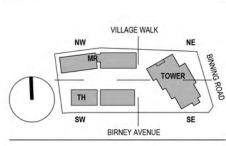
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### IVY ON THE PARK

1 PRE-APPLICATION AUDP 2017-11-02 SUBMISSION
2 PRE-APPLICATION AUDP 2017-12-07 SUBMISSION
3 PRE-DP APPLICATION SUBMISSION 2017-12-06 4 DP-APPLICATION AUDP 2018-02-01 SUBMISSION

 5
 DEVELOPMENT PERMIT SUBMISSION
 2018-01-23

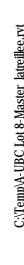
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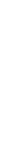
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 DP RE-SUBMISSION
 2018-05-24

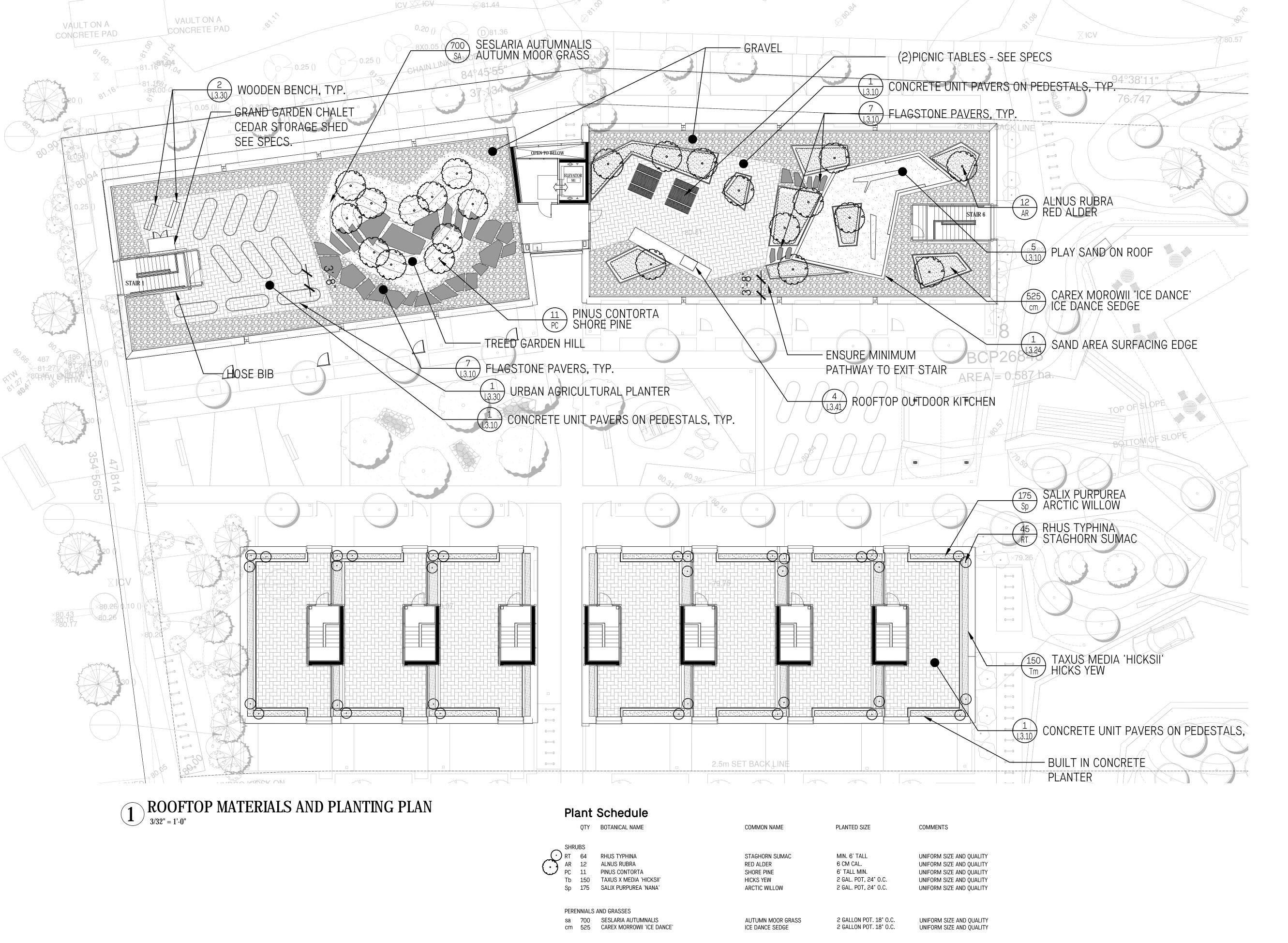
 8
 DPMA SUBMISSION
 2018-07-24

**MATERIALS PLAN** 

L-1.10







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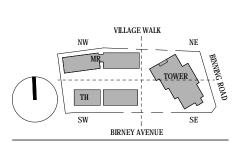
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7	DP RE-SUBMISSION	2018-05-24
8	DPMA SUBMISSION	2018-07-24

ROOFTOP MATERIALS AND PLANTING PLAN

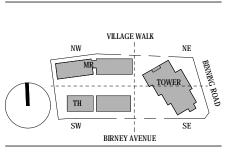
L-1.13

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1 CRADING PLAN 1/16" = 1'-0"

GRADING PLAN

50'

258.56<sub>/</sub>

**+** (266.20)

265.30

(264.17')

265.30

PD 265.25

265.30

100'

CONCRETE BAND

L-1.30

IVY ON THE PARK LOT 8

2018-07-24

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PLANTING PLAN

1/16" = 1'-0"

PLANTING PLAN

L-1.40

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SEE ARBORISTS REPORT

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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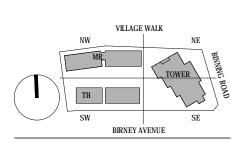


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7	DP RE-SUBMISSION	2018-05
8	DPMA SUBMISSION	2018-07

PLANTING SCHEDULE

L-1.41

BE RELOCATED

1 LANDSCAPE LIGHTING PLAN

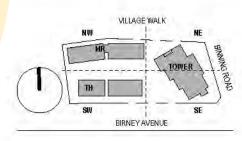
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LANDSCAPE LIGHTING

L-1.50

LIGHTING SYMBOLS

A CONTINCTE HAD.

BOLLARD LIGHT

TREE UPLIGHT

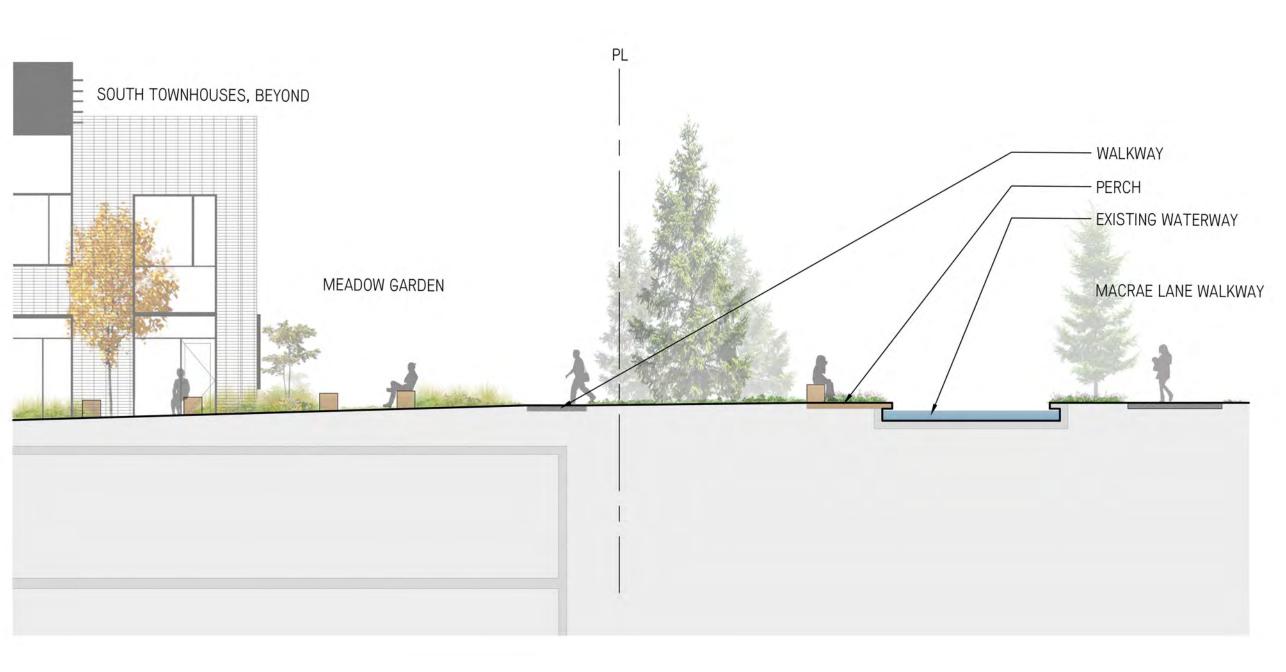
EXISTING STREET POLE

WALL MOUNTED STEP LIGHTING

BENCH ACCENT LIGHTING

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SECTION LOOKING NORTH THROUGH FERN DELL

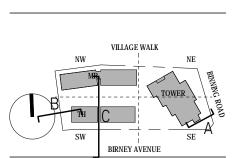
1/8" = 1'0"

2 SECTION LOOKING SOUTH THROUGH PERCH 1/8" = 1'0"



GROUND LEVEL
UNIT PATIO

**BINNING** ROAD



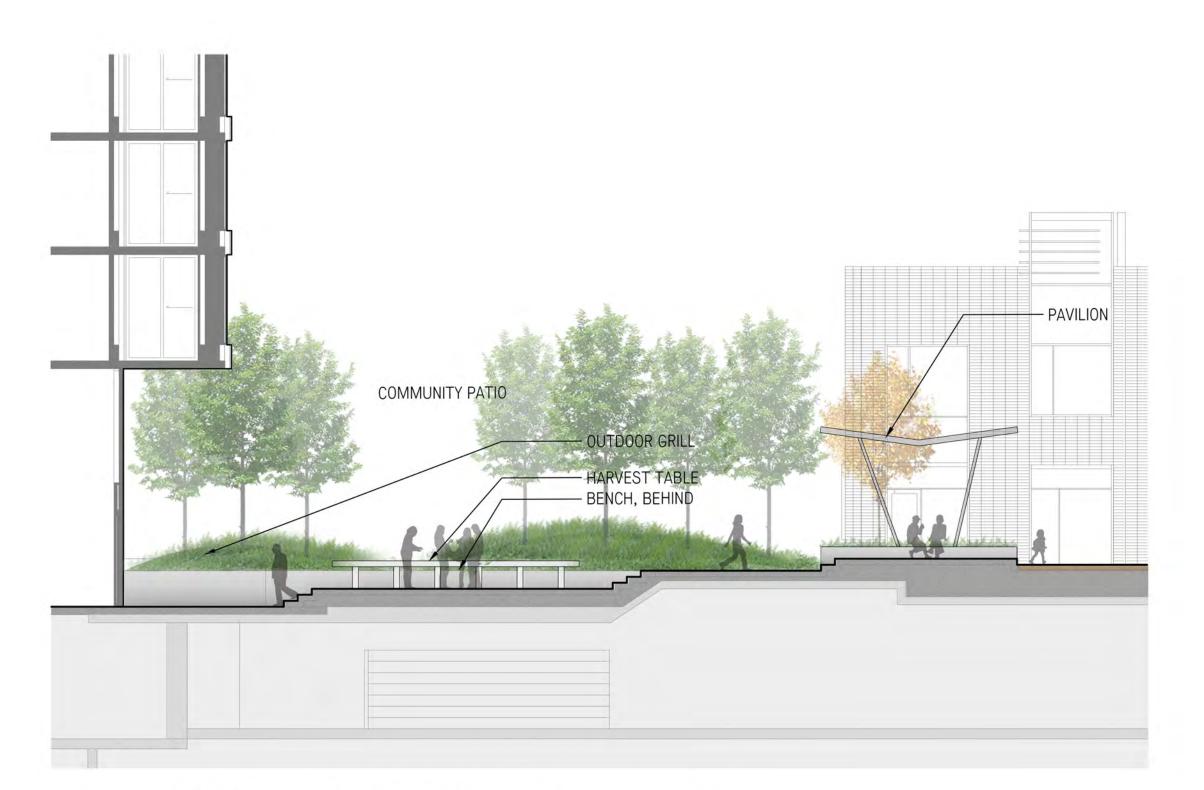
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LANDSCAPE SECTIONS

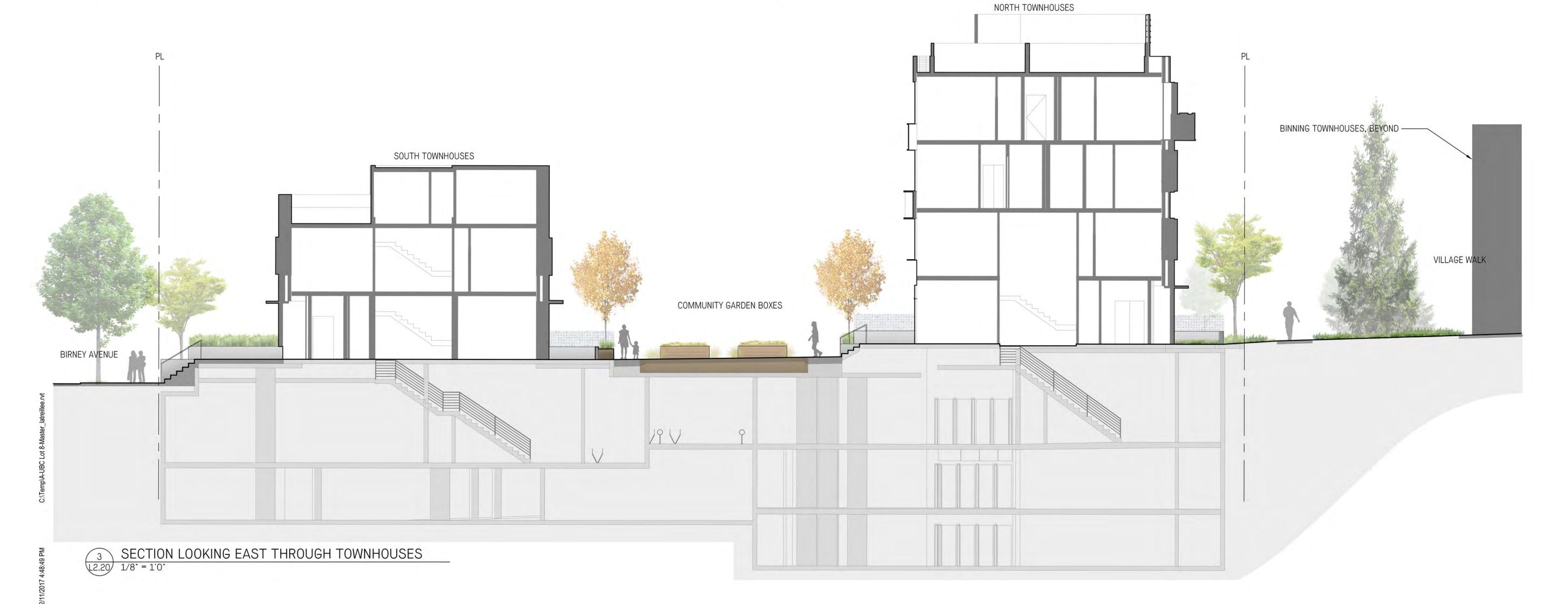
SECTION LOOKING WEST THROUGH FOREST HILL

1/8" = 1'0"



SECTION LOOKING SOUTH THROUGH COMMUNITY PATIO

1/8" = 1'0"



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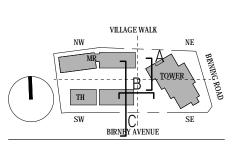
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### IVY ON THE PARK

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#### LANDSCAPE SECTIONS

L-2.20

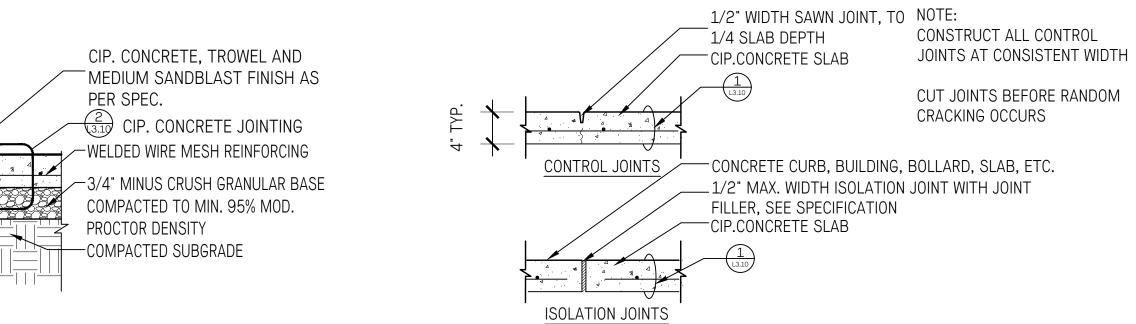




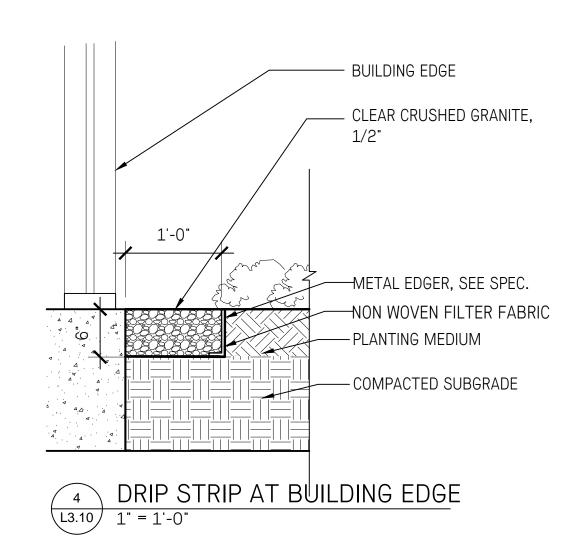
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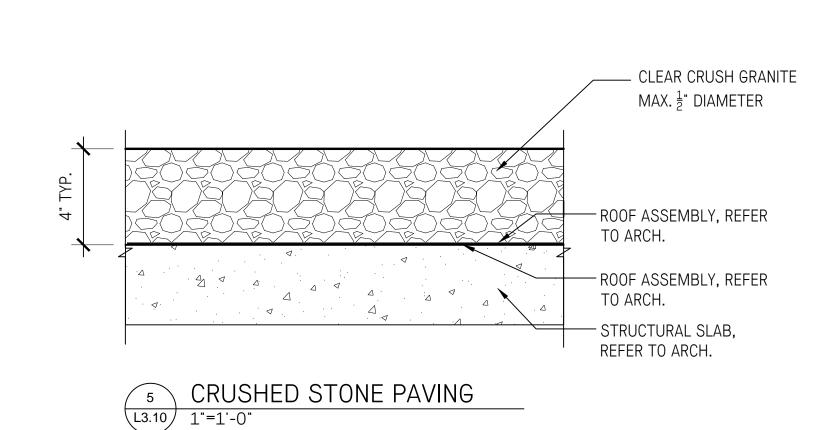
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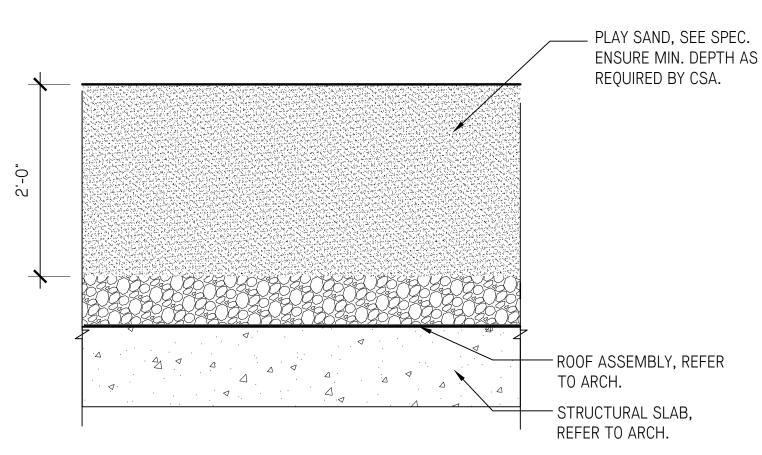
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ON SLAB -ROOFTOP PATIO

ON SLAB - GROUND LEVEL PEDESTRIAN PATHWAYS AND PATIOS

ON SLAB VEHICULAR DRIVEWAYS

CONCRETE PAVERS

L3.10 1"=1-'0"

- HYDRAPRESSED SLABS, REFER TO SPEC.

CONCRETE UNIT PAVERS, REFER TO SPEC.

CONCRETE UNIT PAVERS, REFER TO SPEC.

DRAINAGE MAT

REFER TO ARCH. FOR

STRUCTURAL SLAB,

REFER TO ARCH. DWGS

1" SAND BEDDING COURSE

FILTER FABRIC

ARCH. DWG

REFER TO ARCH. FOR

VEHICULAR GRADE

L" SAND BEDDING COURSE

-3/4" MINUS CRUSHED GRAVEL

BUILD UP OVER STRUCT. SLAB

STRUCTURAL SLAB REFER TO

COMPACTED BASE COURSE

FILTER FABRIC

ARCH. DWG

REFER TO ARCH. FOR

-3/4" MINUS CRUSHED GRAVEL COMPACTED BASE COURSE

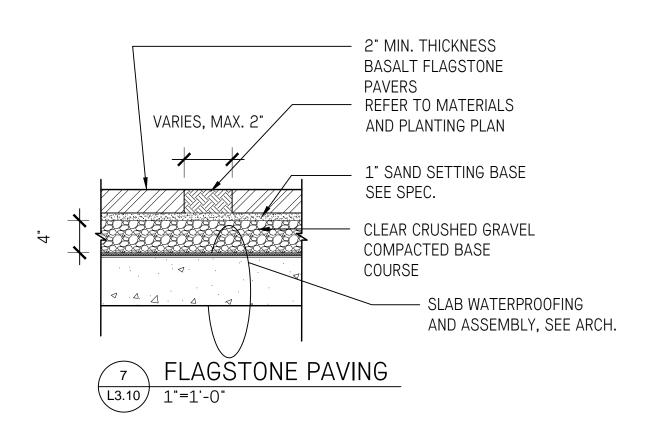
BUILD UP OVER STRUCT. SLAB

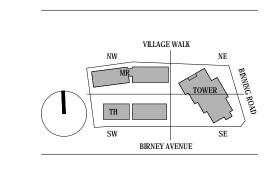
STRUCTURAL SLAB REFER TO

BUILD UP OVER STRUCT. SLAB

PEDESTAL SYSTEM (ALTERNATE PEA GRAVEL)

SAND PLAY AREA SURFACING - GROUND LEVEL 6 SAND F L3.10 1" = 1'-0"



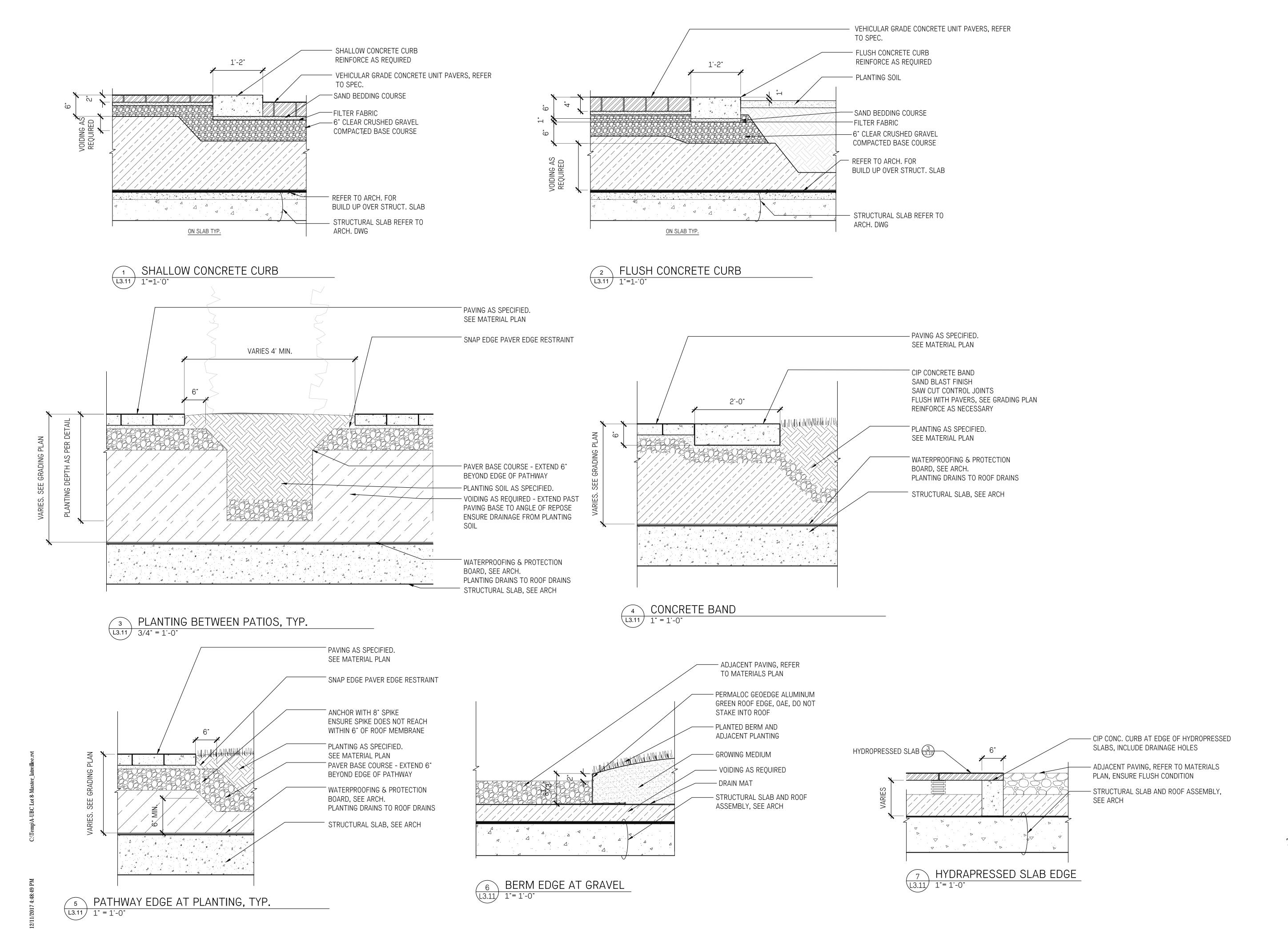


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8	DPMA SUBMISSION	2018-07-24

PAVING DETAILS

L -3.10



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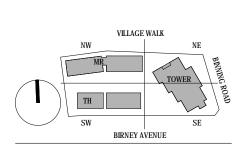
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### PAVING DETAILS TRANSITIONS AND EDGERS

L - 3.11

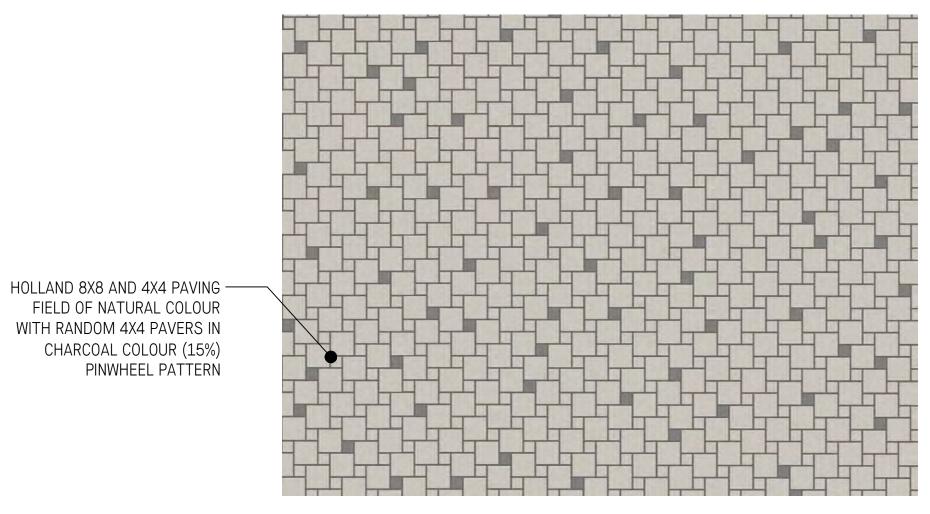
- 1. SEE SPECIFICATIONS FOR PAVER INFORMATION
- 2. SEE DETAILS FOR PAVING TRANSITIONS AND EDGERS

HOLLAND 2X8 PAVING —

FIELD OF NATURAL COLOUR

WITH RANDOM PAVERS IN

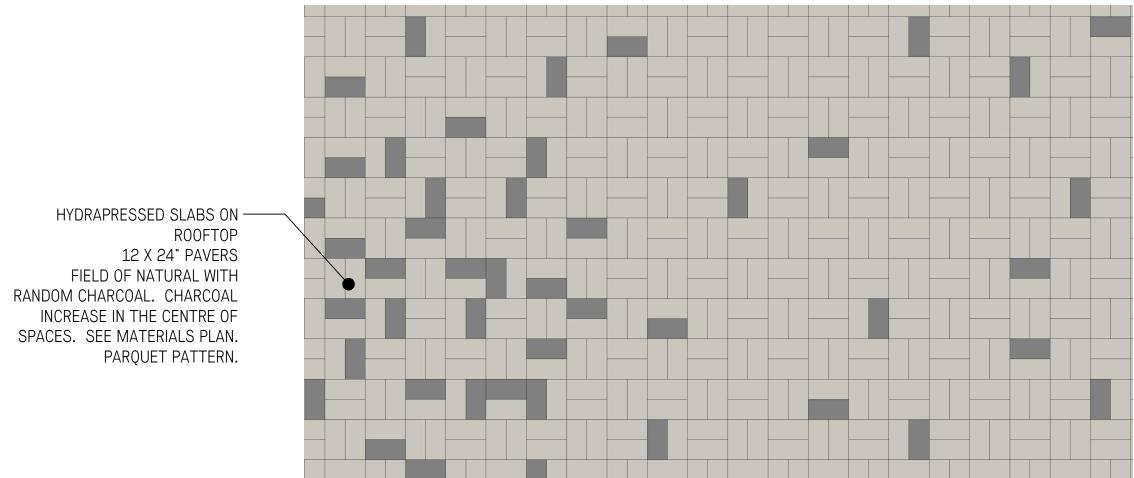
CHARCOAL COLOUR (15%)
PARQUET PATTERN



PATHWAY PAVING CONCRETE CURB — VS-5 CONCRETE PAVER IN — CHARCOAL HERRINGBONE PATTERN 

PAVING PATTERN A - PATHWAY PAVING

1 3/8" = 1'-0



PAVING PATTERN D - ROOFTOP PATIO PAVING

| 3/8" = 1'-0

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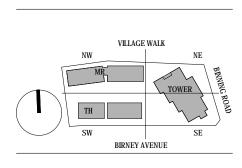
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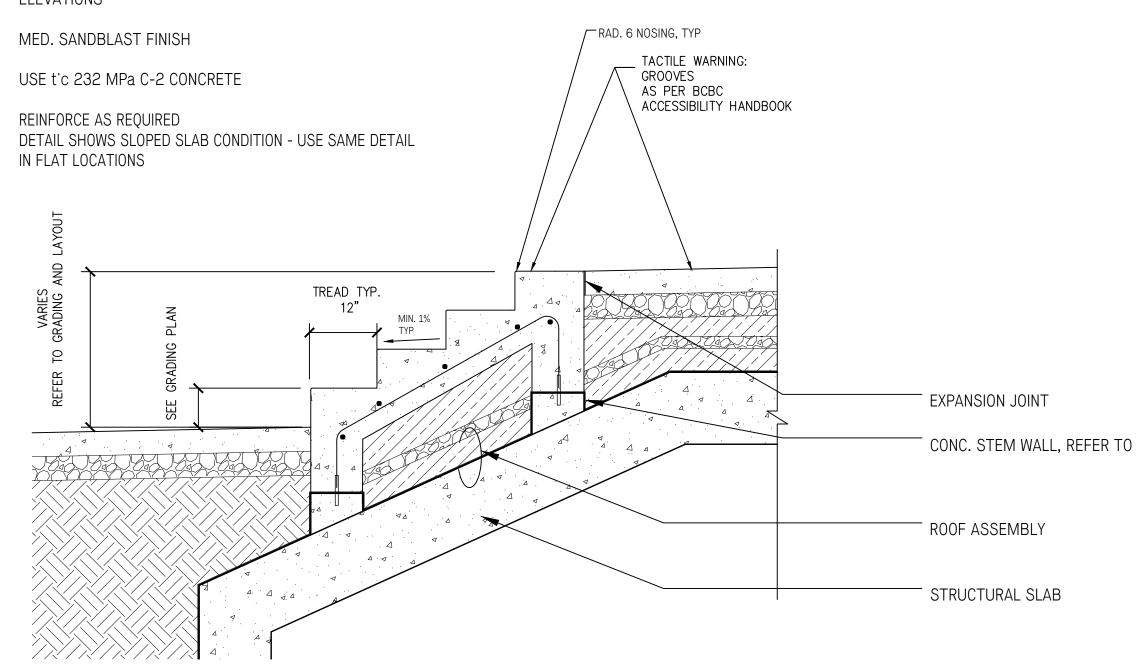
#### IVY ON THE PARK LOT 8

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PAVING PATTERNS

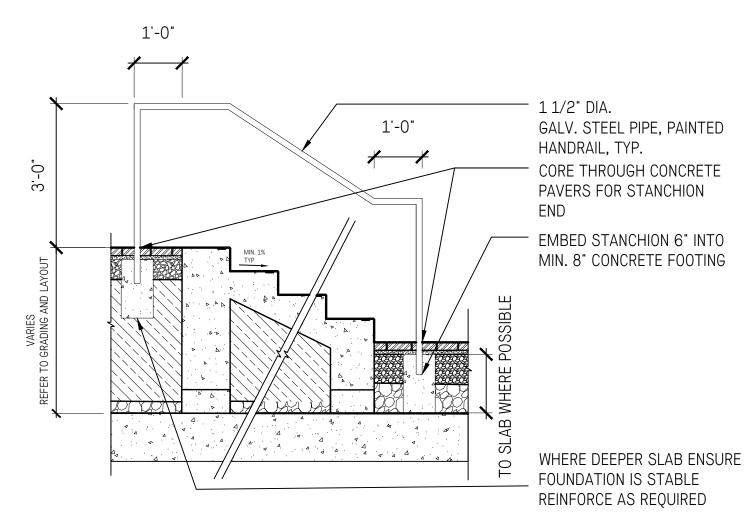
L - 3.12

REFER TO GRADING PLAN FOR TOP/BOTTOM OF STAIR **ELEVATIONS** 

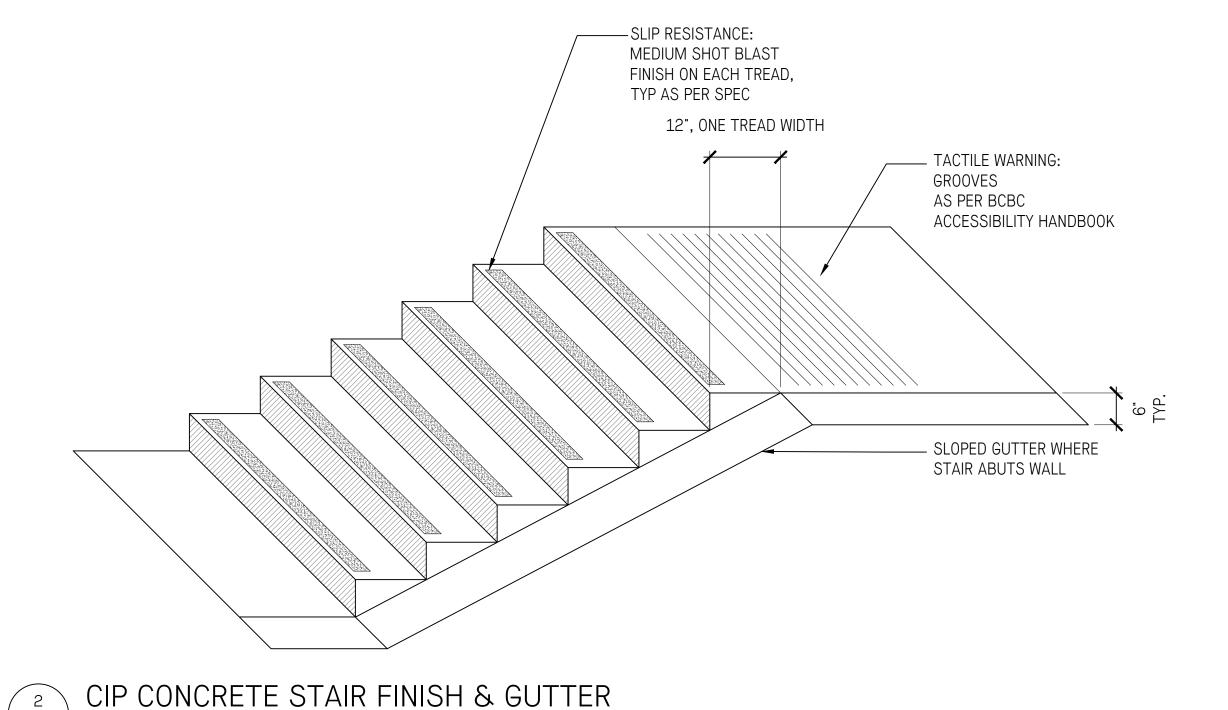


CIP. CONCRETE STAIRS OVER SLAB 1 CIP. CO L3.20 3/4"= 1-0"

- 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.



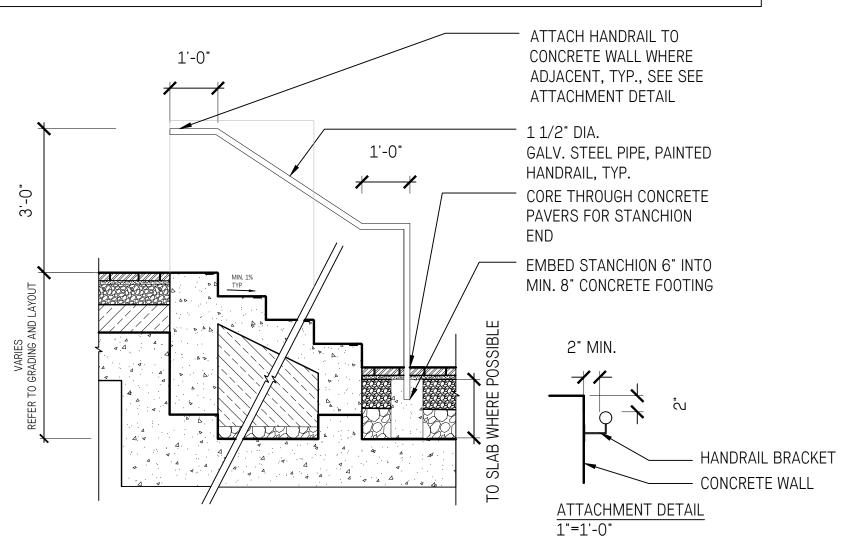
FREESTANDING HANDRAIL, TYP. 3 FREEST L3.20 1/2"=1'-0"



- 1. HANDRAIL HEIGHT & DESIGN TO CONFORM TO BC BUILDING CODE. CONFIRM DIMENSIONS ON SITE.
- 2. GRIND ALL CUT/WELDED SURFACES TO SMOOTH UNIFORM FINISH,

(L3.20) 3/4"=1'-0"

- 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.



4 HANDRAIL EXTEND BEYOND WALL, TYP. L3.20 1/2"=1'-0"

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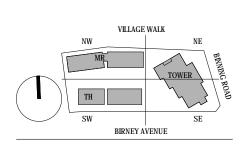


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3	PRE-DP APPLICATION SUBMISSION	2017-12-06
4	DP-APPLICATION AUDP SUBMISSION	2018-02-01
5	DEVELOPMENT PERMIT SUBMISSION	2018-01-23
6	DP RE-SUBMISSION	2018-03-02
7	DP RE-SUBMISSION	2018-05-24
8	DPMA SUBMISSION	2018-07-24

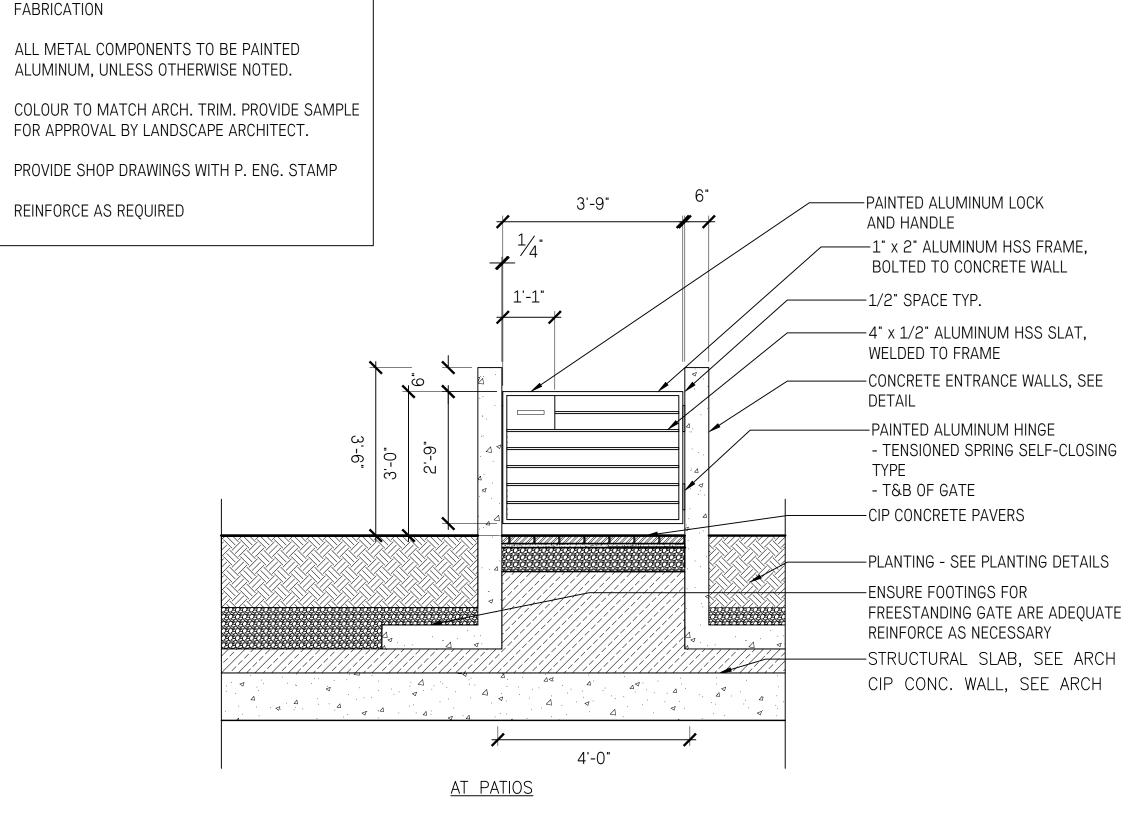
LANDSCAPE STAIRS AND HANDRAILS DETAILS

L -3.20

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METAL GATE AT PATHWAY L2.21 1/2" = 1'-0"

NOTES ON ALL METAL GATES:

**FABRICATION** 

—CIP CONCRETE WALL, EDGE OF PATIO

-PAINTED ALUMINUM LOCK

—1" x 2" ALUMINUM HSS FRAME,

-4" x 1/2" ALUMINUM HSS SLAT,

-CONCRETE ENTRANCE WALLS, SEE

- TENSIONED SPRING SELF-CLOSING

—STRUCTURAL SLAB, SEE ARCH

CIP CONC. WALL, SEE ARCH

—PAINTED ALUMINUM HINGE

BOLTED TO CONCRETE WALL

AND HANDLE

—1/2" SPACE TYP.

DETAIL

TYPE

- T&B OF GATE

—CIP CONCRETE STAIRS

WELDED TO FRAME

3'-9"

4'-0"

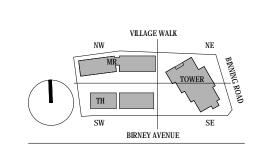
<u>AT PATIOS</u>

L2.21 1/2" = 1'-0"

1 METAL GATE AT PATIO FRONTS

. - 6

FIELD CONFIRM ALL GATE FITS BEFORE



#### IVY ON THE PARK LOT 8

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
5	DEVELOPMENT PERMIT SUBMISSION	2018-01-23
6	DP RE-SUBMISSION	2018-03-02
7	DP RE-SUBMISSION	2018-05-24
8	DPMA SUBMISSION	2018-07-24

LANDSCAPE GATES **DETAILS** 

L -3.21

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#### 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	2018-02-0
5	DEVELOPMENT PERMIT SUBMISSION	2018-01-23
6	DP RE-SUBMISSION	2018-03-0
7	DP RE-SUBMISSION	2018-05-2
8	DPMA SUBMISSION	2018-07-2

LANDSCAPE WALLS **DETAILS** 

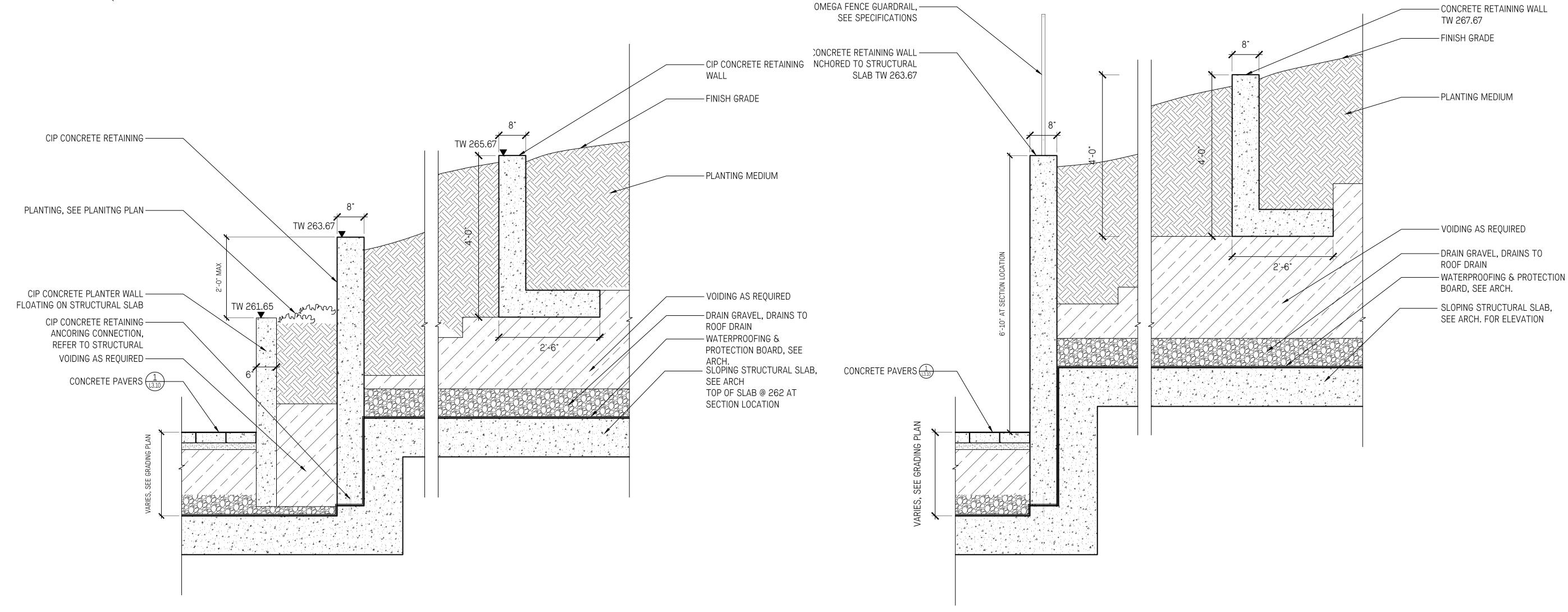
L -3.22

NOTES: REFER TO GRADING PLAN FOR TOP/BOTTOM OF ALL WALL **ELEVATIONS** 

MED. SANDBLAST FINISH

USE t'c 232 MPa C-2 CONCRETE

REINFORCE AS REQUIRED

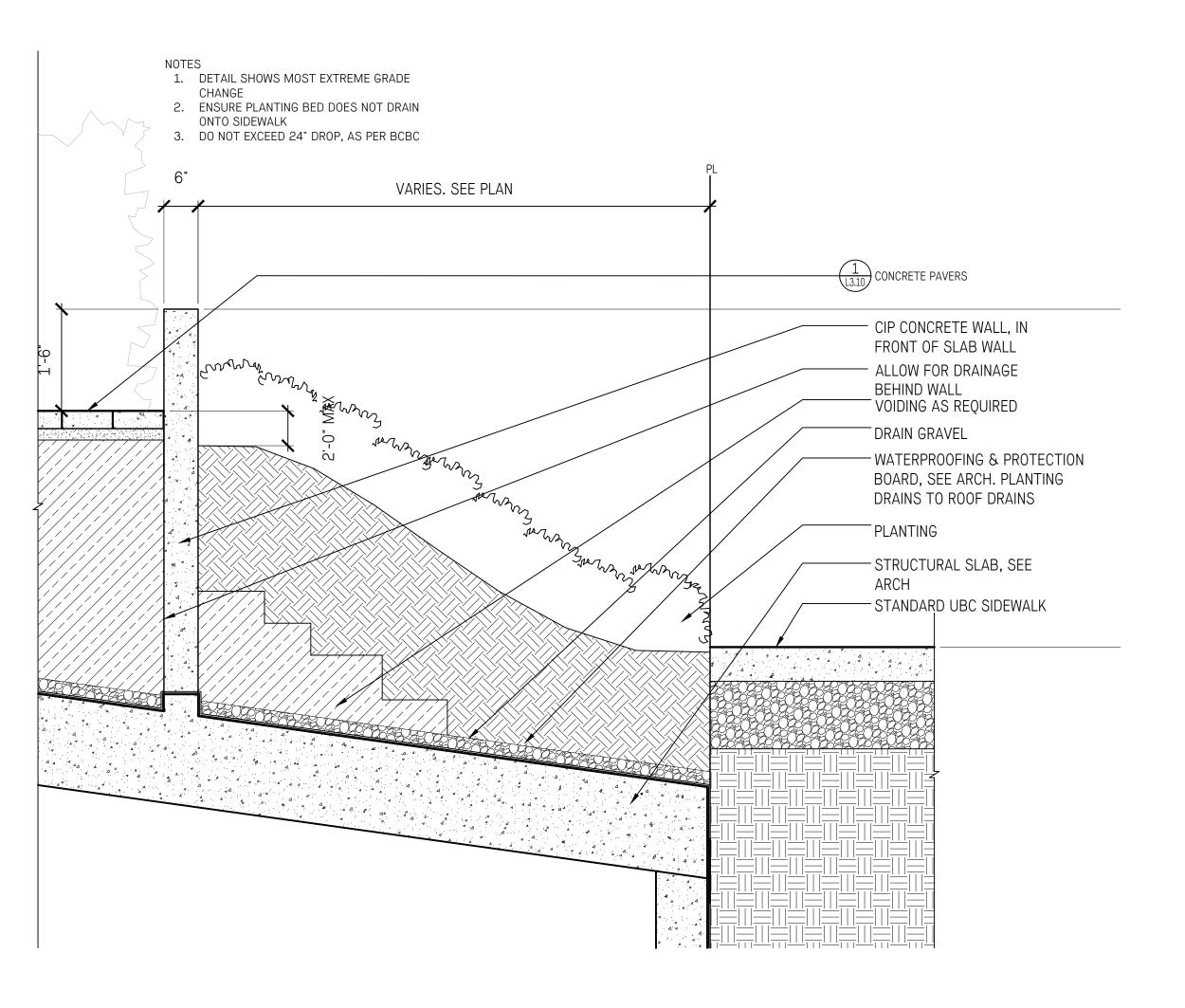


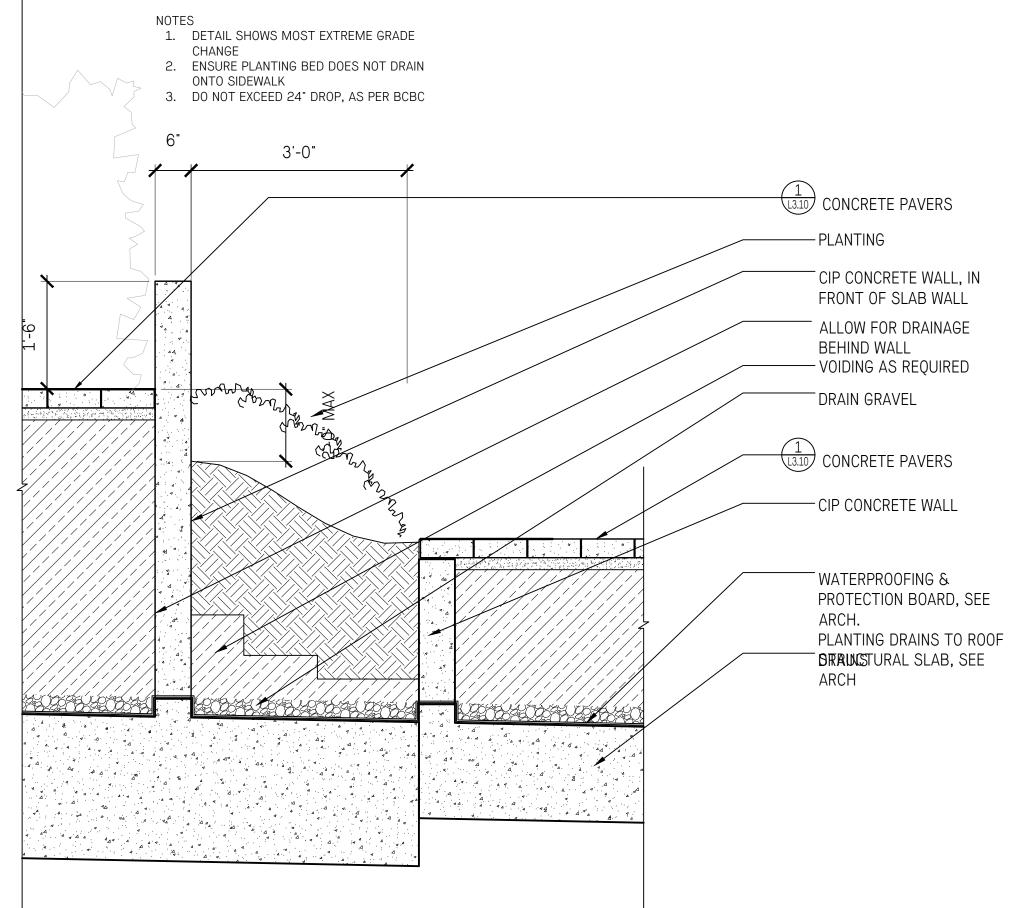
CIP CONCRETE RETAINING WALL CROSS-SECTION 1

3/4" = 1'-0"

CIP CONCRETE RETAINING WALL CROSS-SECTION 2

3/4" = 1'-0"







3 VIEW OF WALLS AT ENTRANCE

NTS

REFER TO GRADING PLAN FOR TOP/BOTTOM OF ALL WALL

ELEVATIONS

MED. SANDBLAST FINISH

REINFORCE AS REQUIRED

USE t'c 232 MPa C-2 CONCRETE

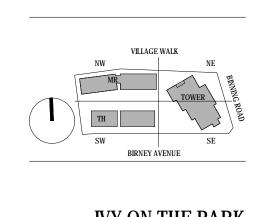
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CIP CONCRETE WALL AND SLOPED PLANTING AT MIDRISE PATIO - BACK

2 3/4" = 1'-0"



#### IVY ON THE PARK LOT 8

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5	DEVELOPMENT PERMIT SUBMISSION	2018-01-23
6	DP RE-SUBMISSION	2018-03-02
7	DP RE-SUBMISSION	2018-05-24
8	DPMA SUBMISSION	2018-07-24

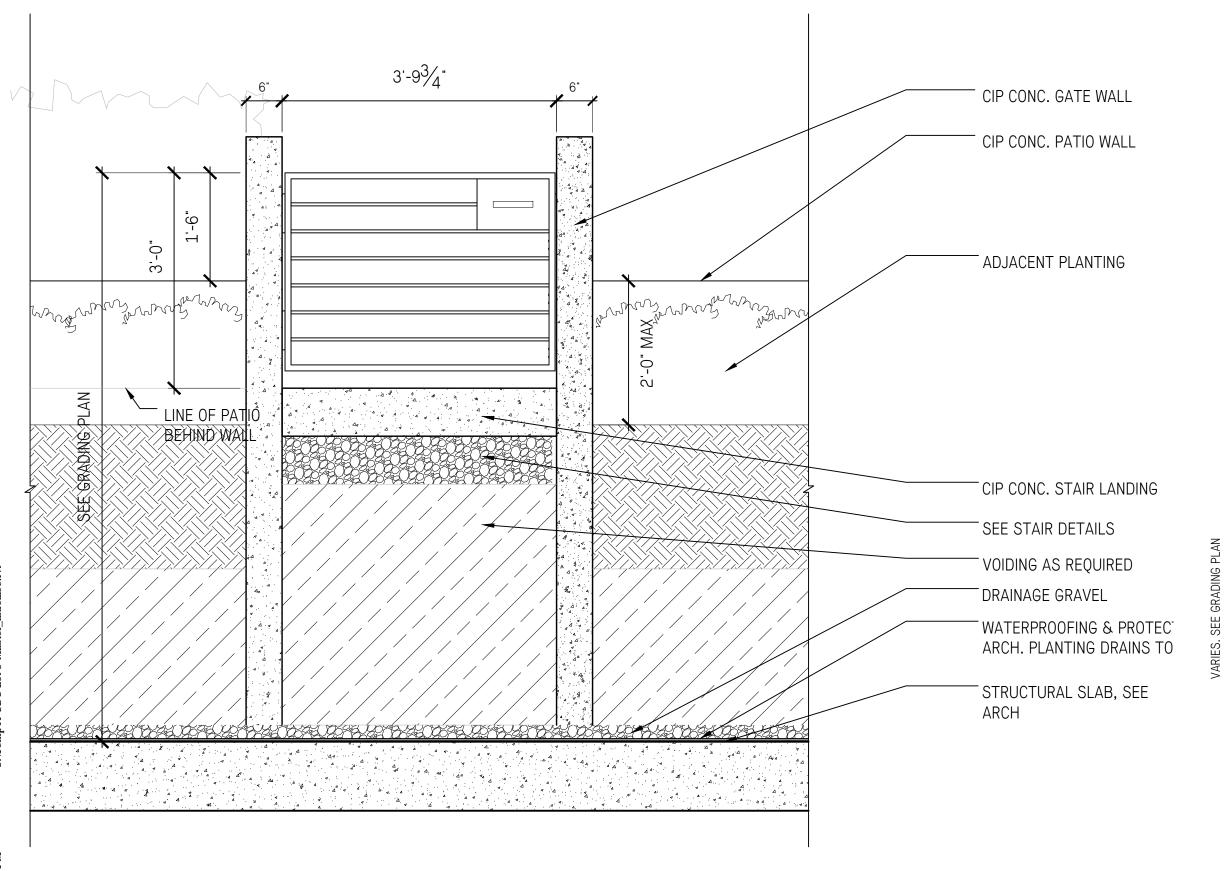
LANDSCAPE WALLS DETAILS

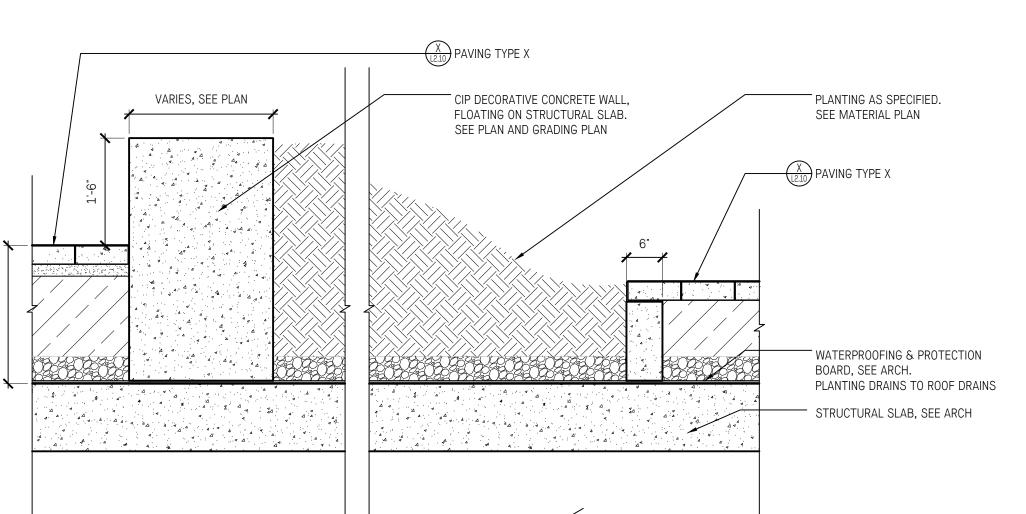
L -3.22

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CIP CONCRETE WALL AND SLOPED PLANTING AT TOWNHOUSE PATIO - SOUTH

| 3/4" = 1'-0"





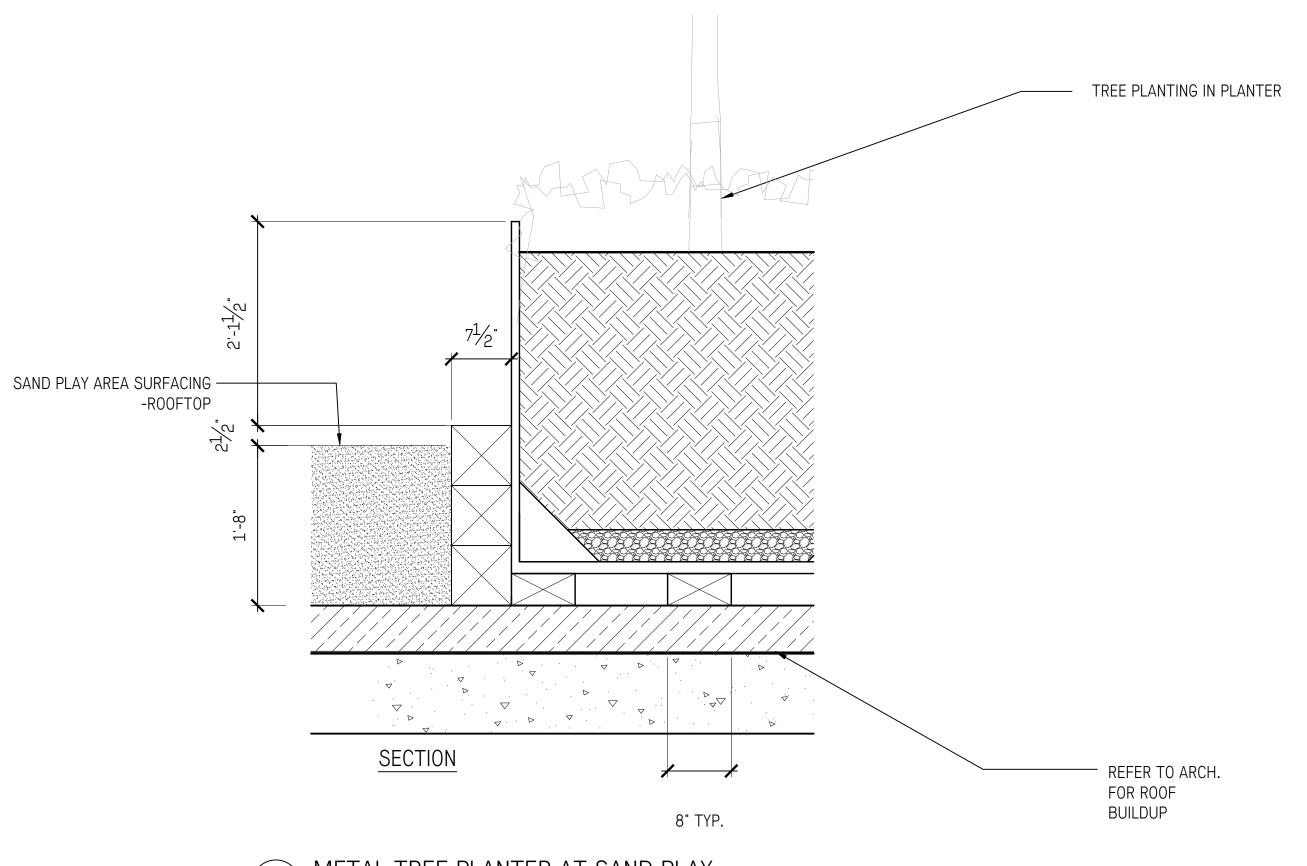
5 DECORATIVE WALL SECTION

(13.23) 3/4" = 1'-0"

CIP CONCRETE GATE WALL DETAIL

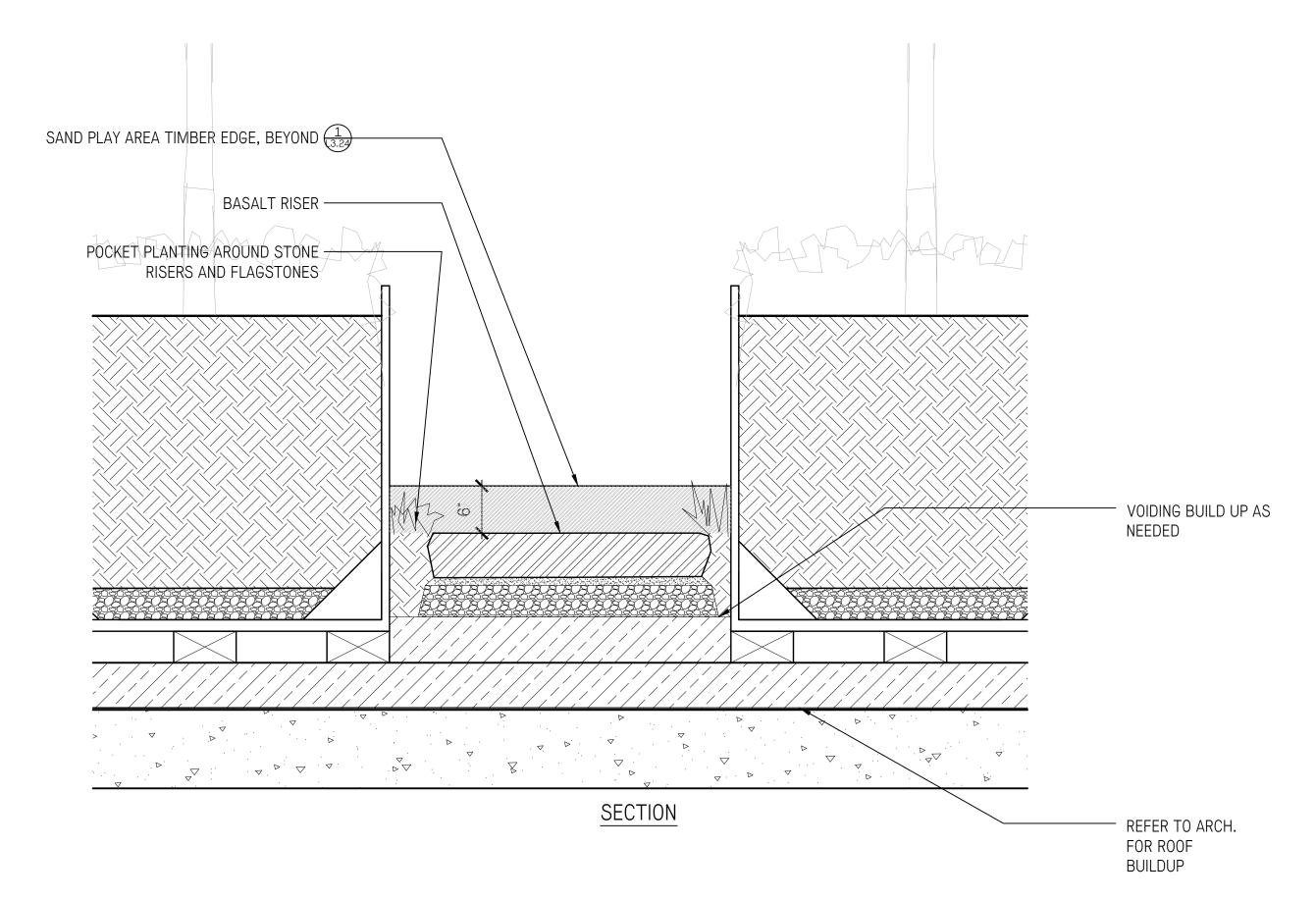
L3.23 3/4" = 1'-0"

(L



METAL TREE PLANTER AT SAND PLAY

1"=1'-0"



— ADD SECOND ROW WHERE SHOWN ON PLAN

- ADJACENT PAVING LEVEL, REFER

— STRUCTURAL SLAB AND ROOF ASSEMBLY, SEE ARCH

— 8 X 8 CEDAR TIMBERS

TO MATERIALS PLAN

METAL TREE PLANTER AT STEPS TO SAND PLAY

1"=1'-0"

1'-3"

SAND PLAY AREA SURFACING EDGE

SAND PLAY AREA SURFACING -

157 ×

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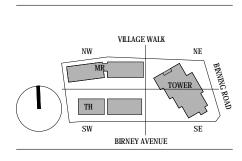
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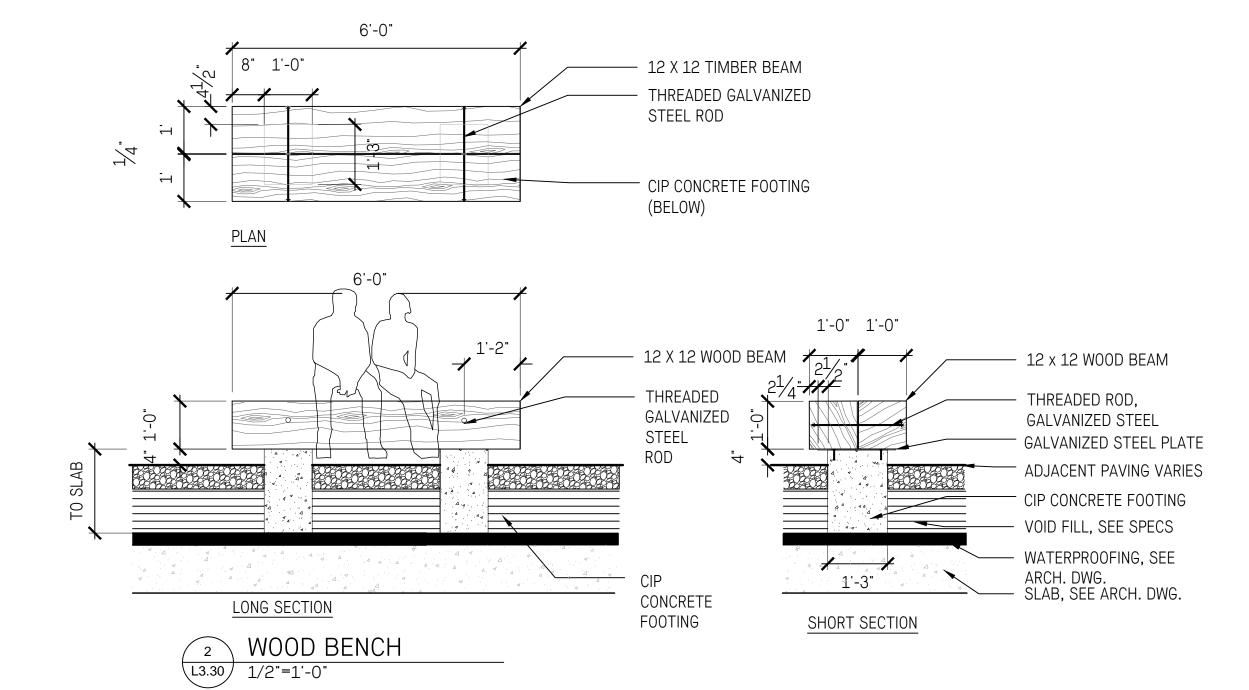
#### IVY ON THE PARK LOT 8

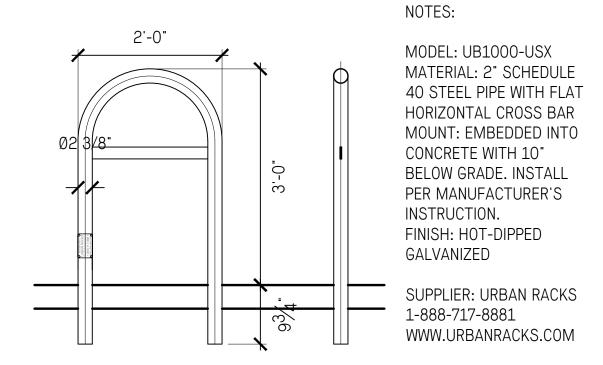
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7	DP RE-SUBMISSION	2018-05-24
8	DPMA SUBMISSION	2018-07-24

LANDSCAPE WALLS DETAILS

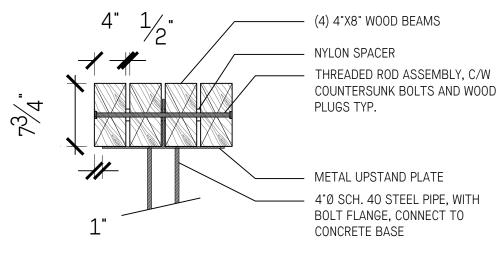
L -3.24

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

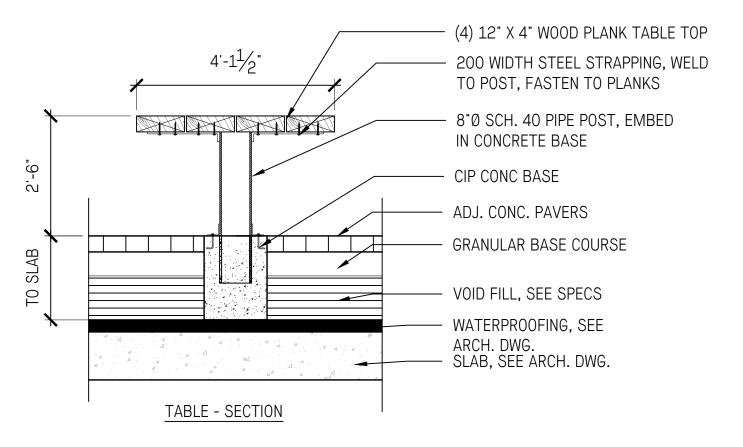


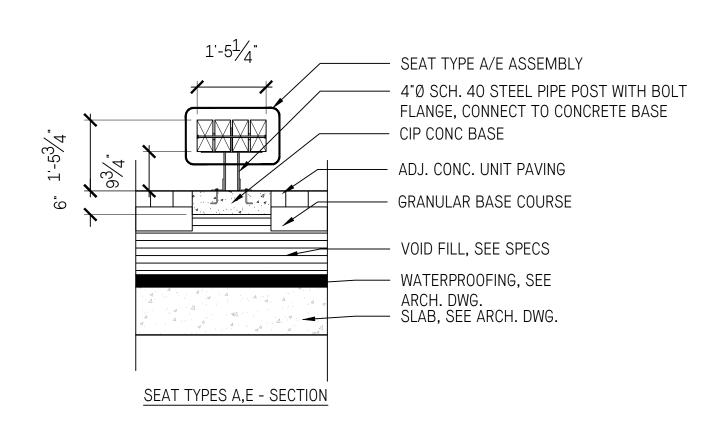


3 BIKE RACK L3.30 3/4"=1'-0"



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





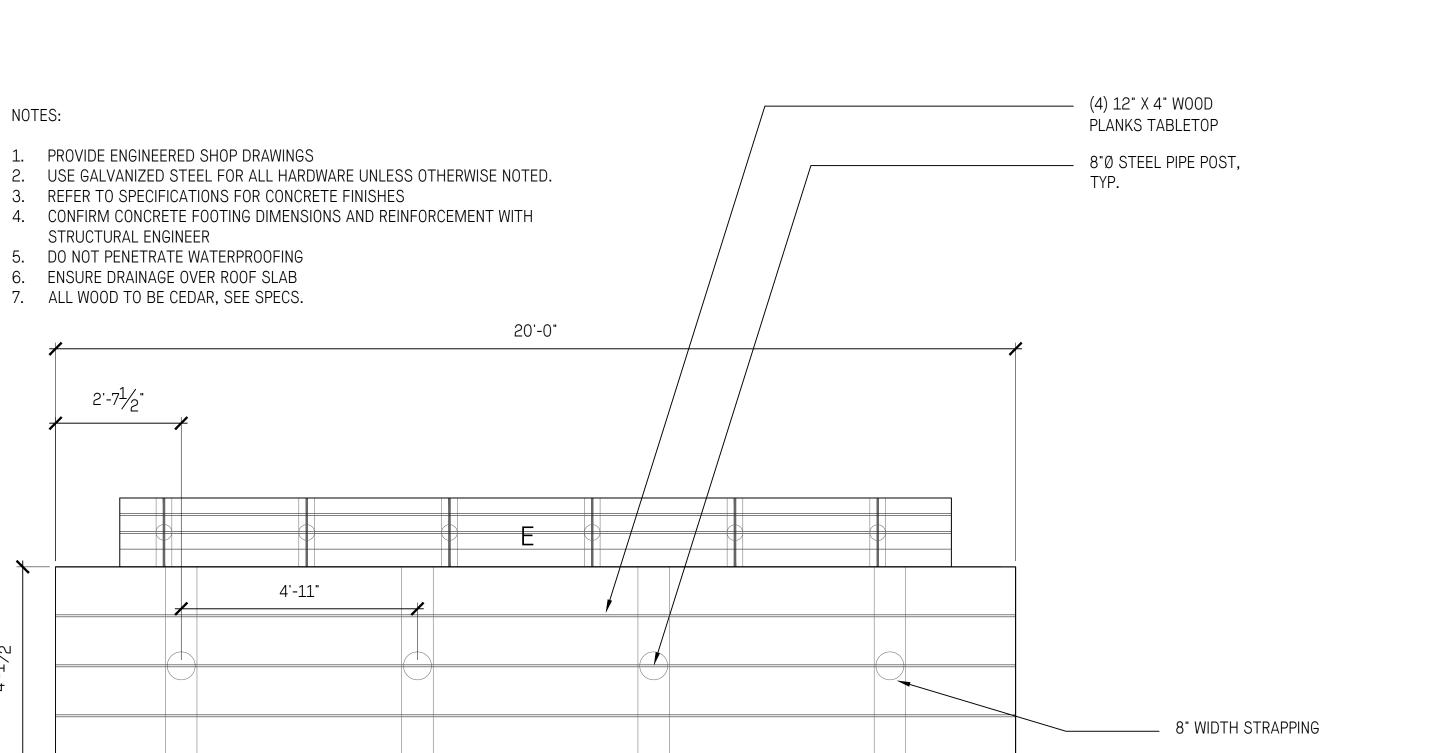


TABLE - PLAN

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

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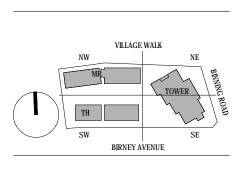
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#### IVY ON THE PARK LOT 8

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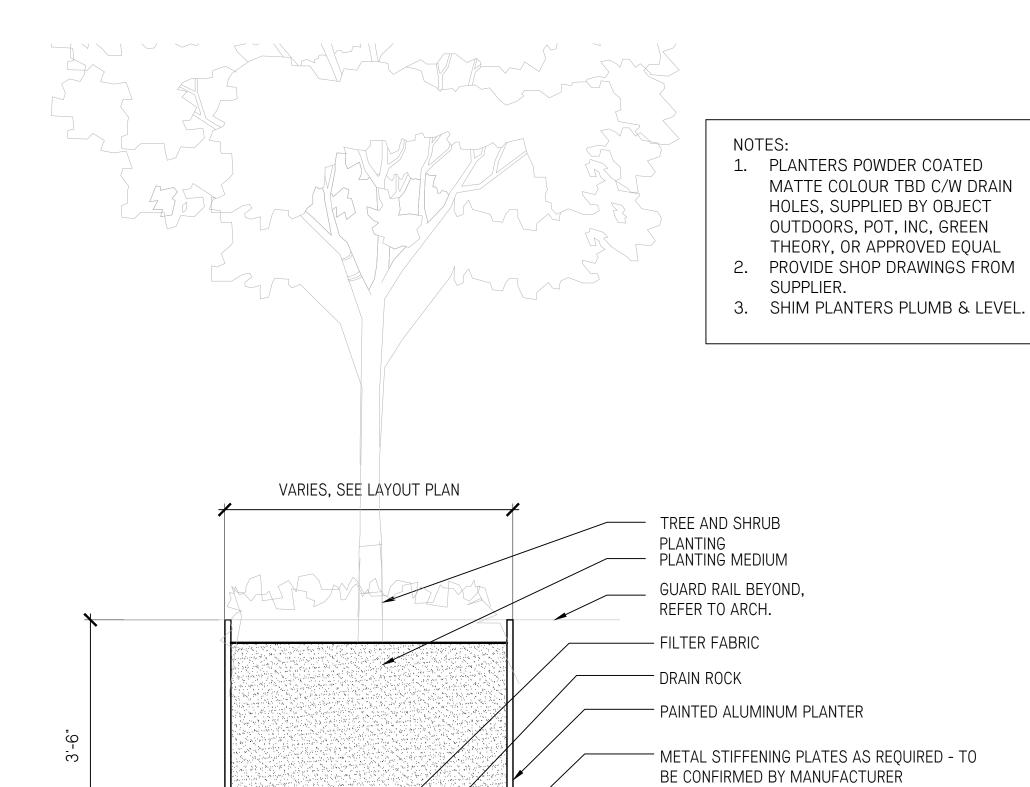
#### LANDSCAPE FURNISHINGS DETAILS

L3.30

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C:\Temp\A-UBC Lot 8-Ma

1/201/ 4.40.43 |



HYDRAPRESSED SLABS

PRESSURE TREATED
 WOOD CRIBBING, TYP.

REFER TO ARCH.

FOR ROOF

BUILDUP

Metal Tree Planter at Roof Level

1 3/4"=1'-0"

8" TYP.

SECTION



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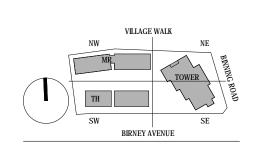


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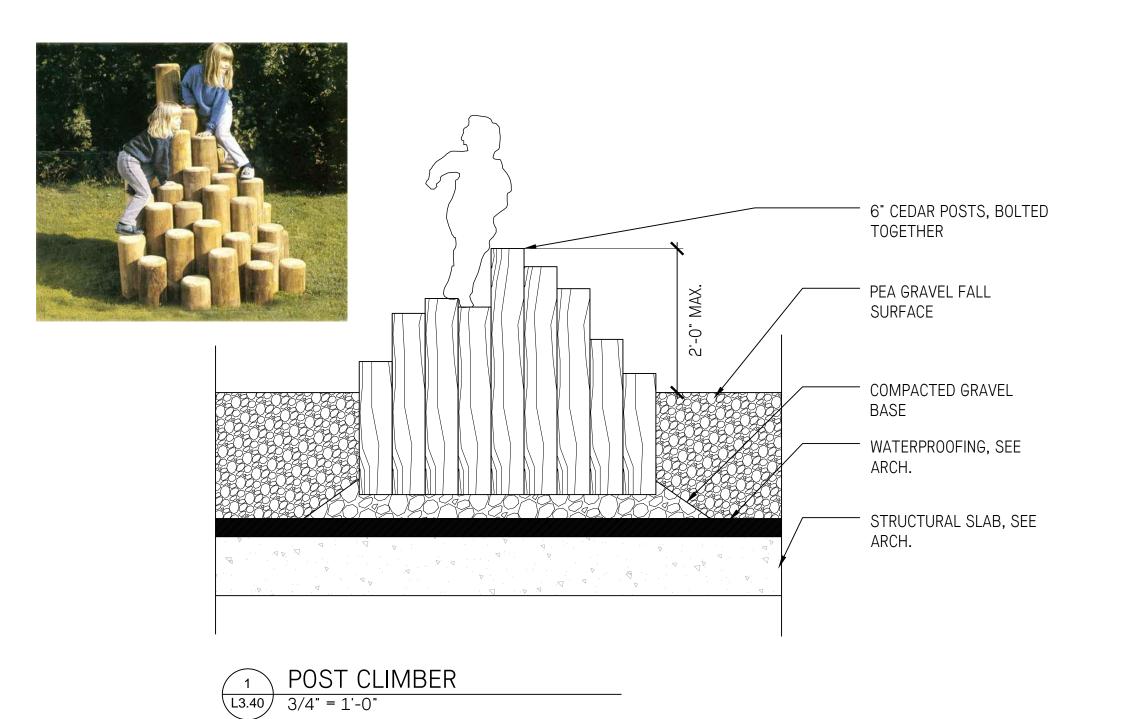
#### IVY ON THE PARK LOT 8

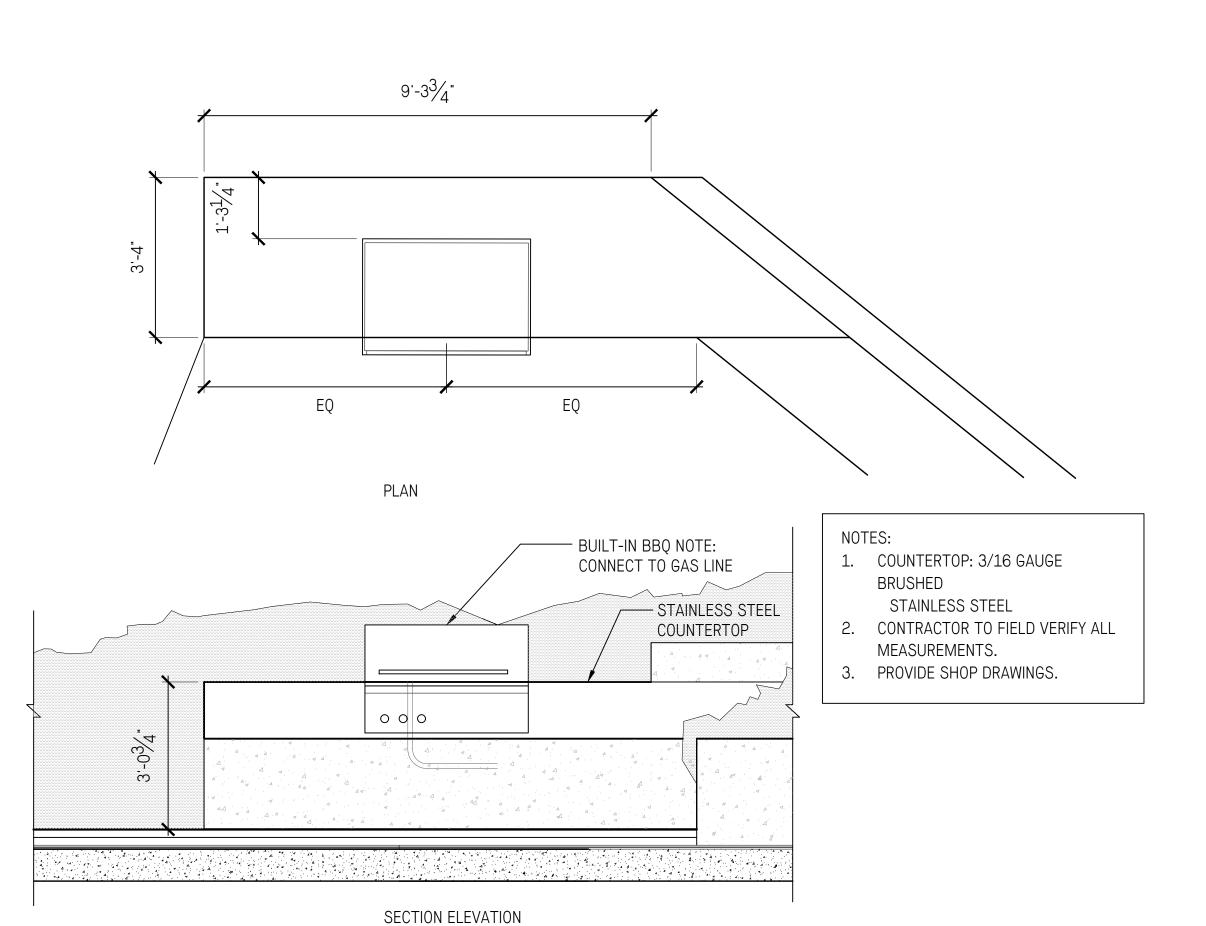
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8	DPMA SUBMISSION	2018-07-24

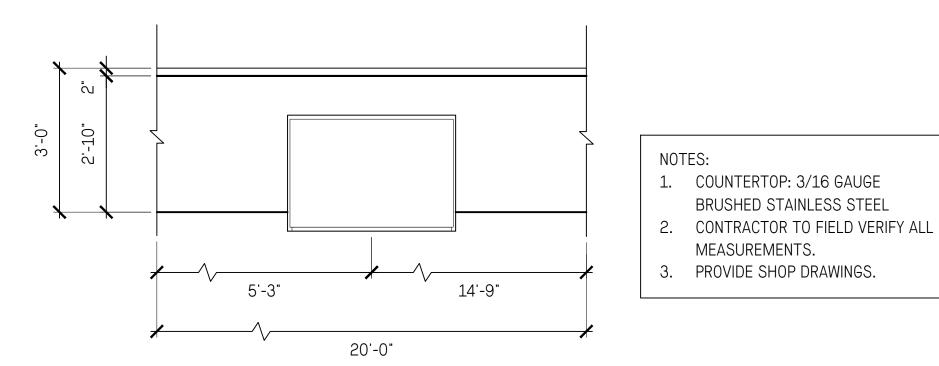
#### LANDSCAPE FURNISHINGS DETAILS

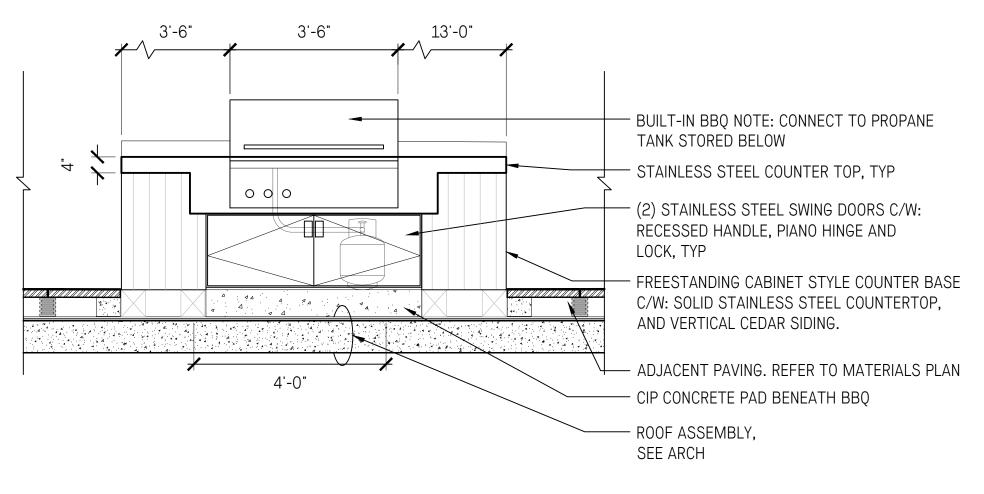
L3.31









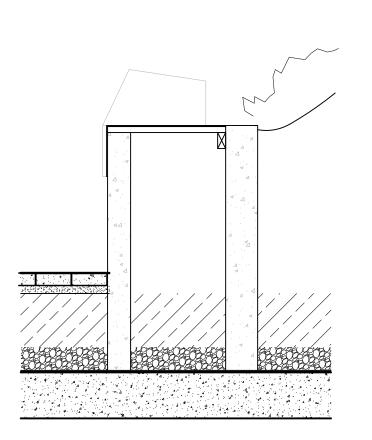


NOTES:

BRUSHED STAINLESS STEEL

MEASUREMENTS.

ROOFTOP OUTDOOR KITCHEN L3.41 1/2" = 1'-0"



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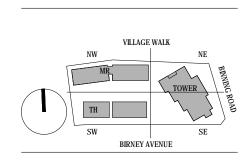
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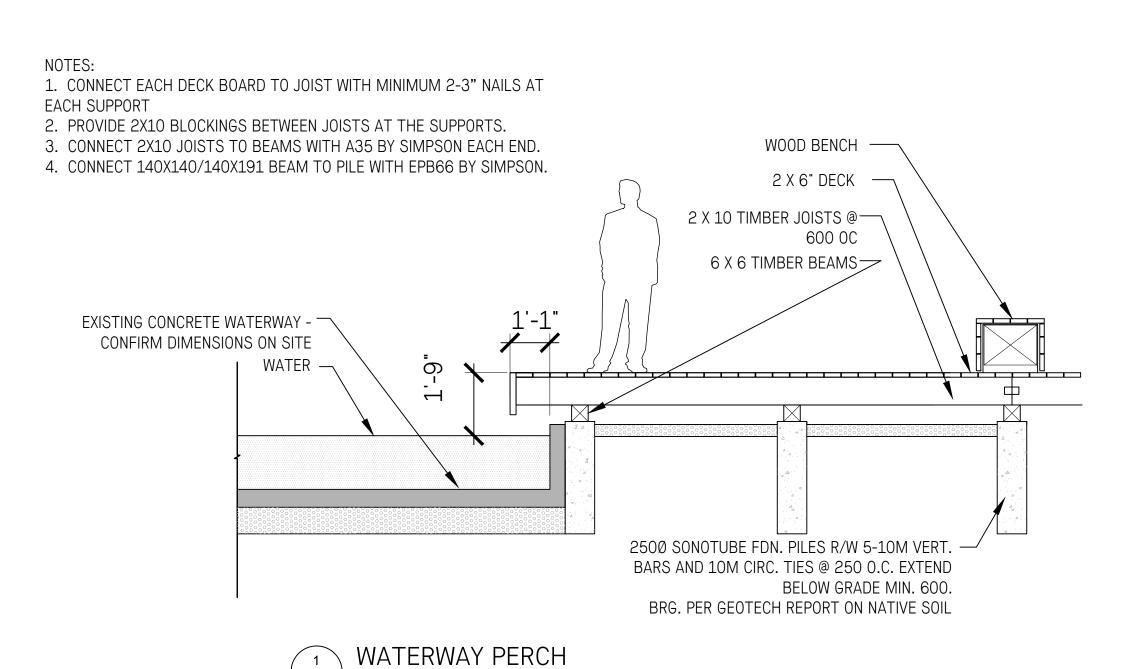
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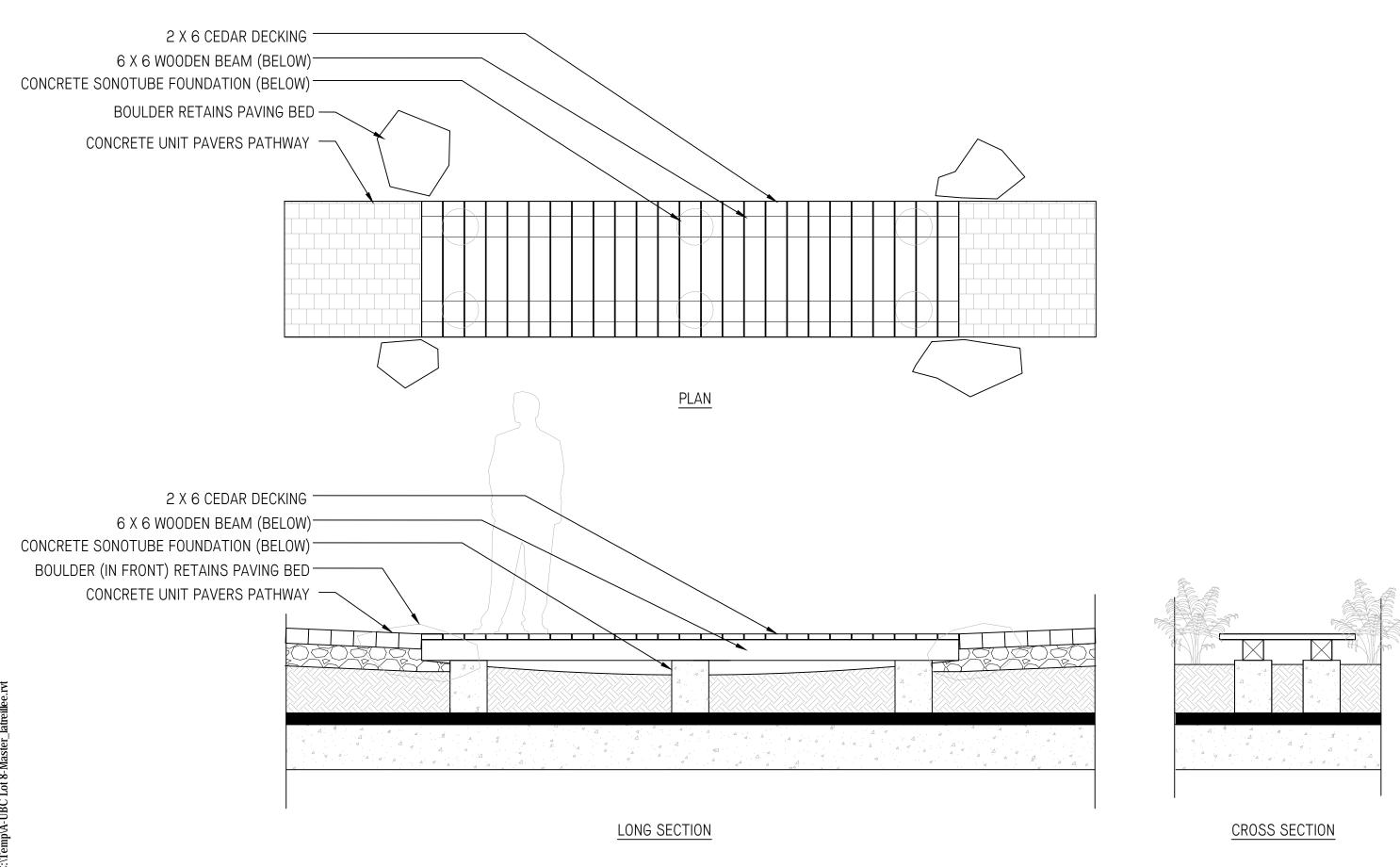
LANDSCAPE STRUCTURES **DETAILS** 

L3.40

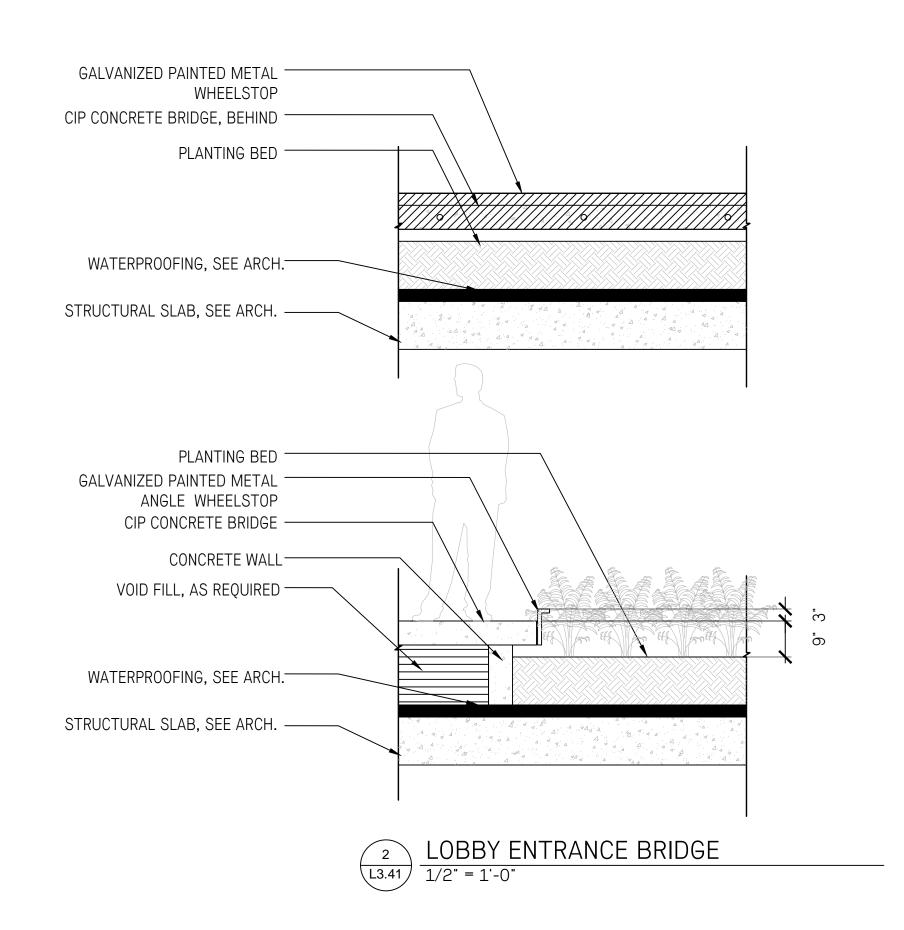


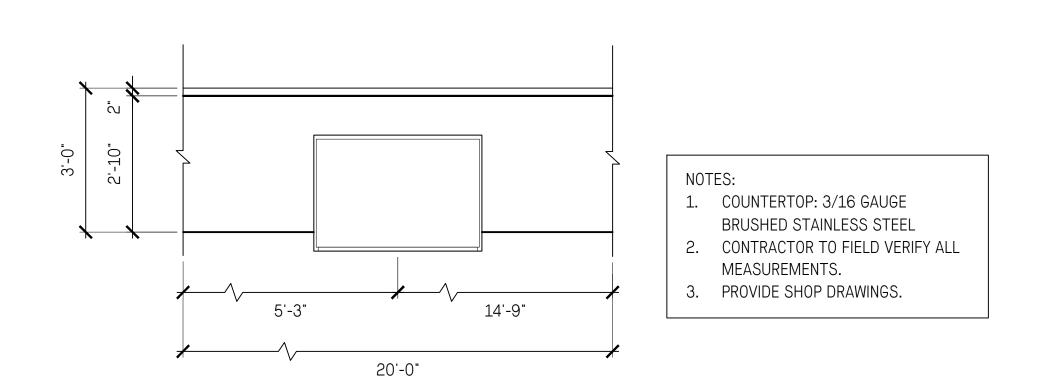


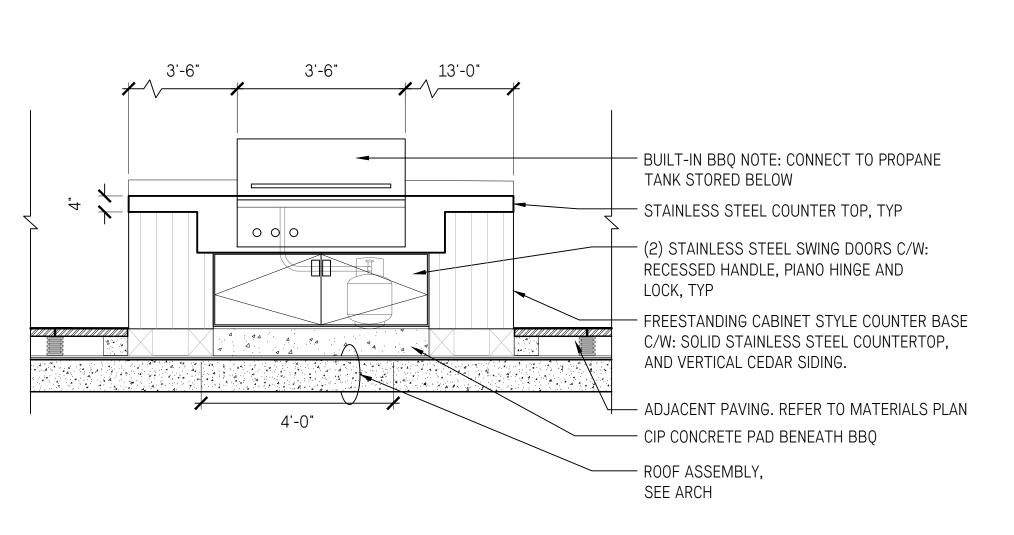
L3.41 3/8" = 1'-0"













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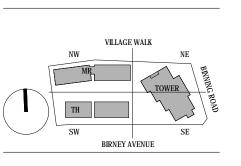
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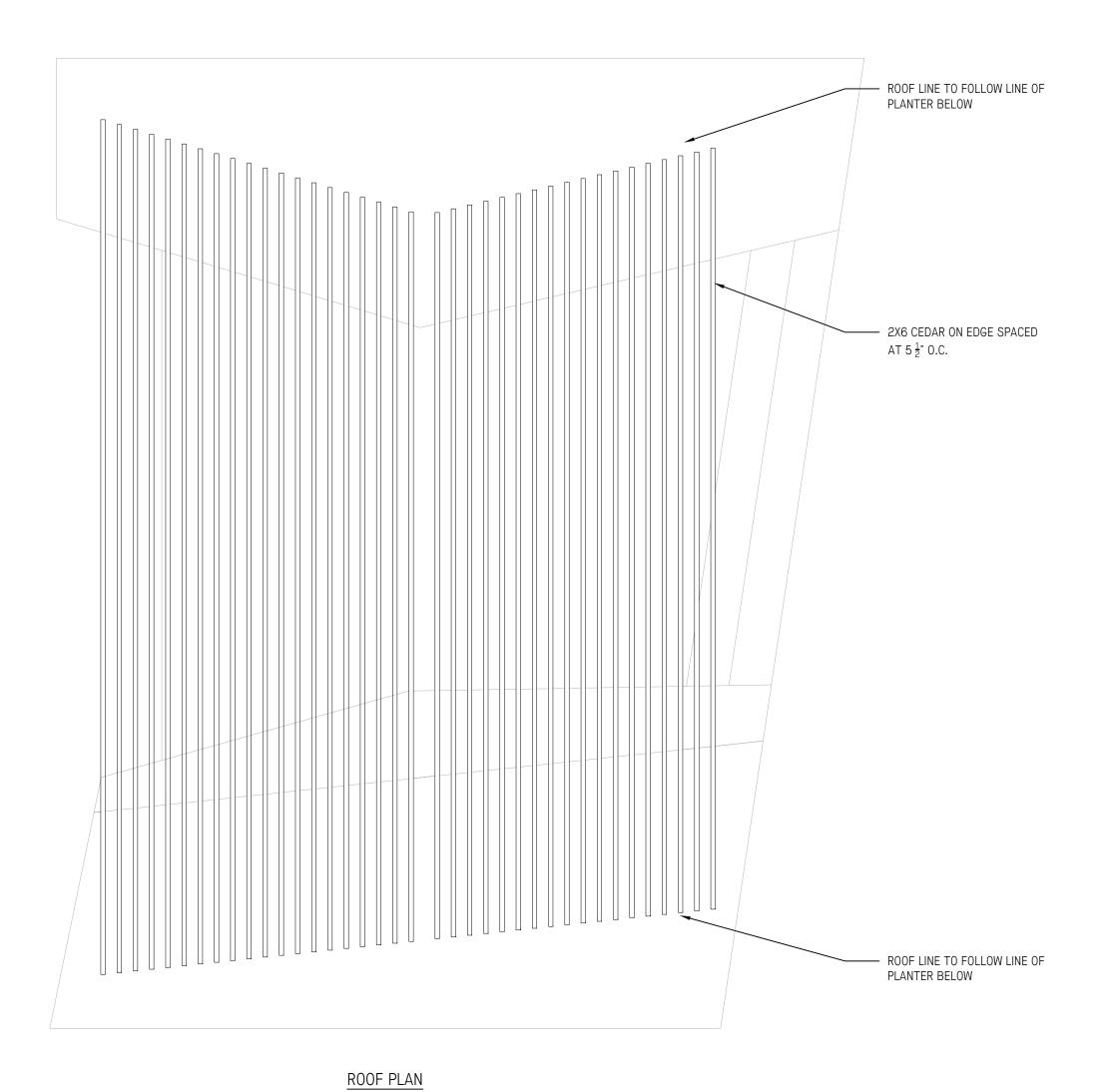


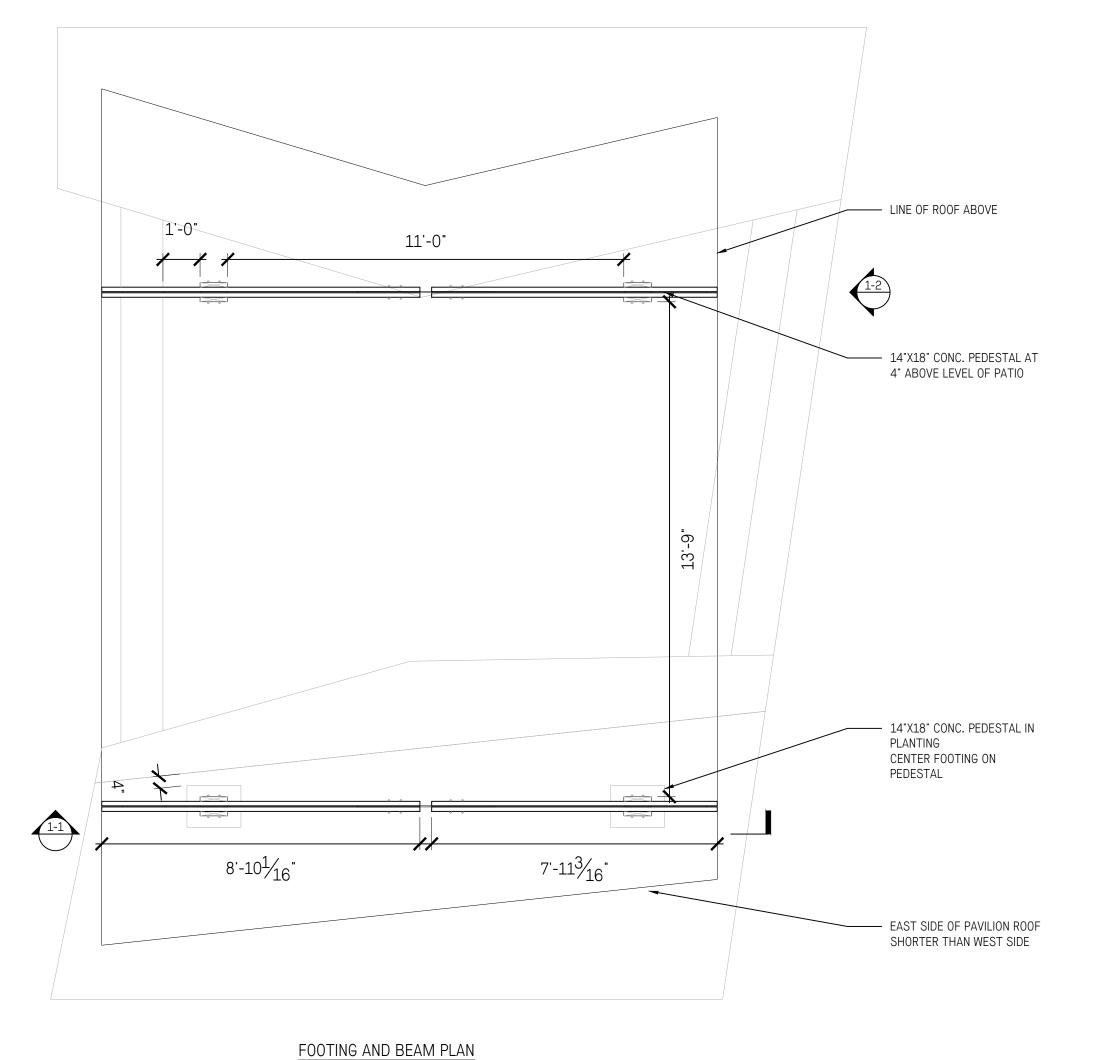
#### IVY ON THE PARK LOT 8

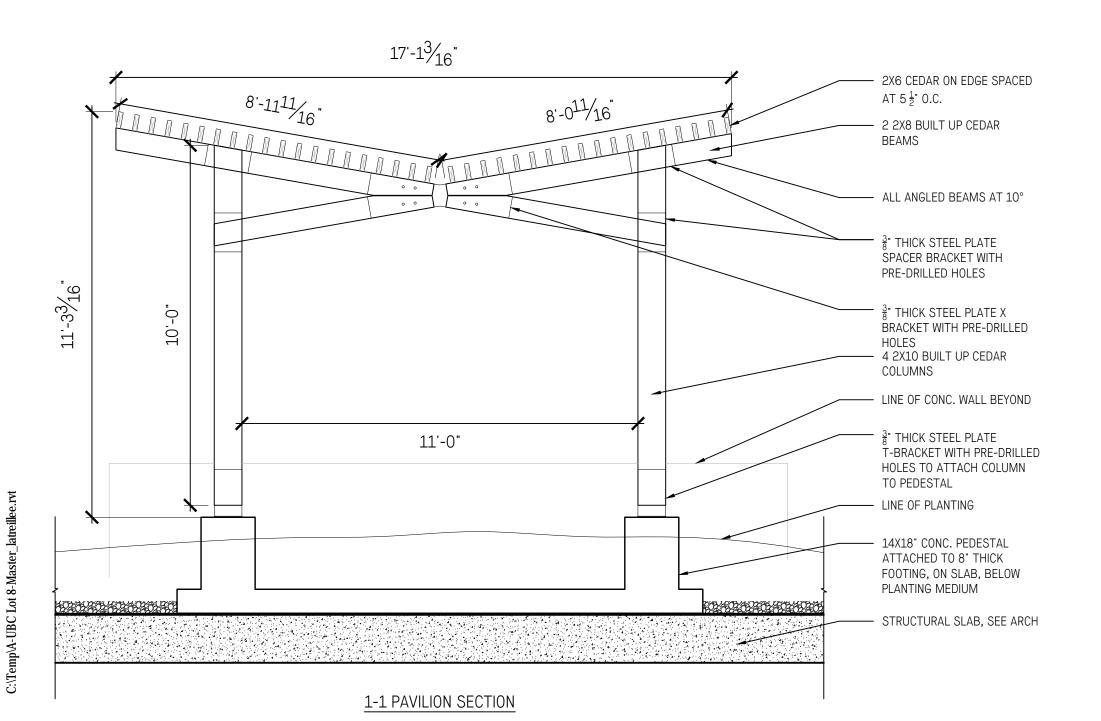
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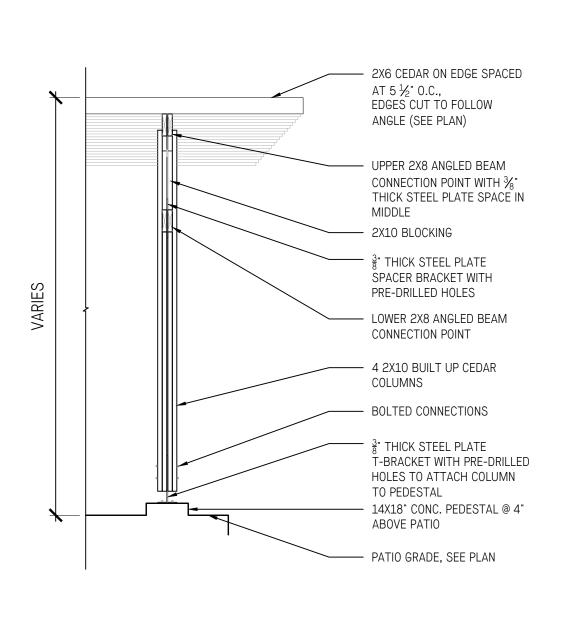
LANDSCAPE STRUCTURES **DETAILS** 

L3.41

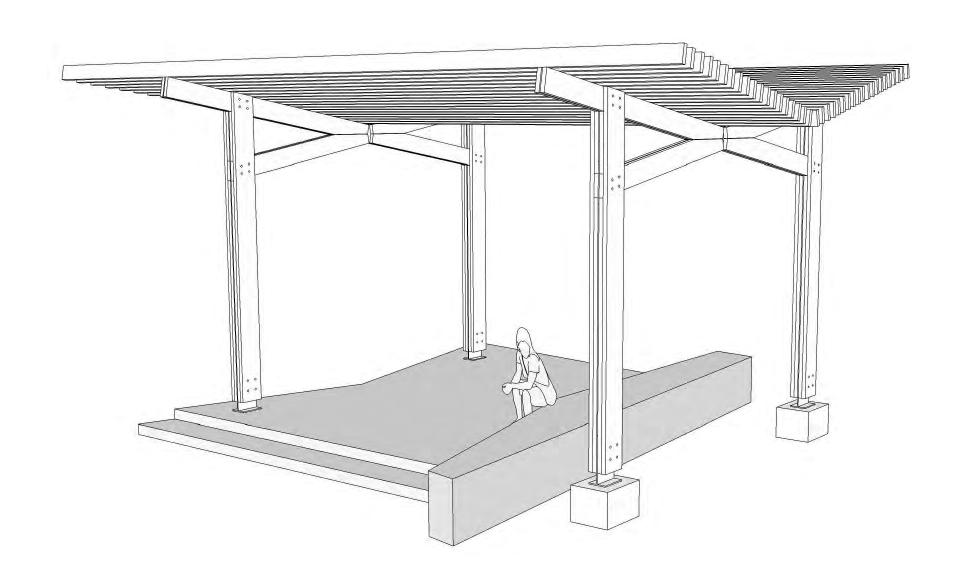




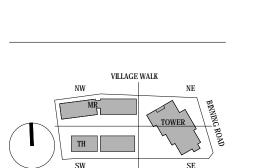




1-2 PAVILION COLUMN ELVATION



PAVILION - AXO
NTS



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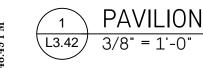
+ WILL

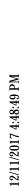
IVY ON THE PARK LOT 8

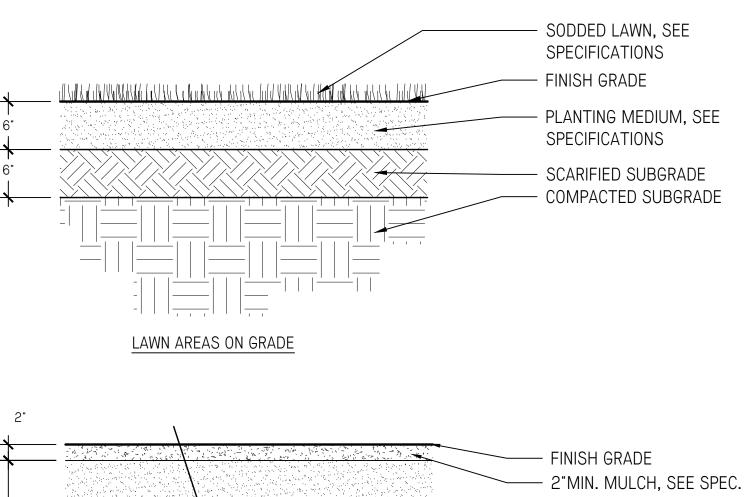
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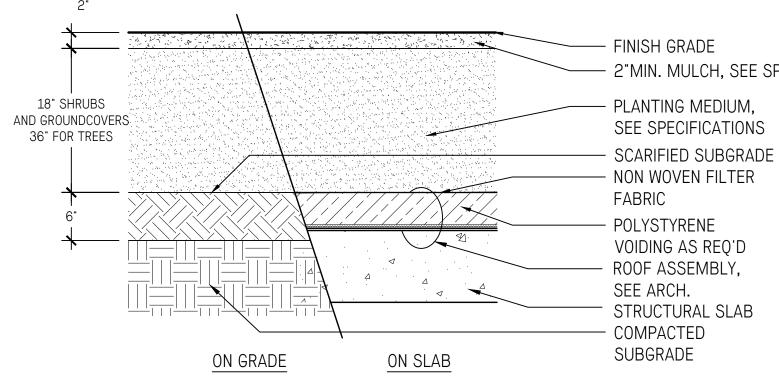
LANDSCAPE STRUCTURES
DETAILS

L3.42



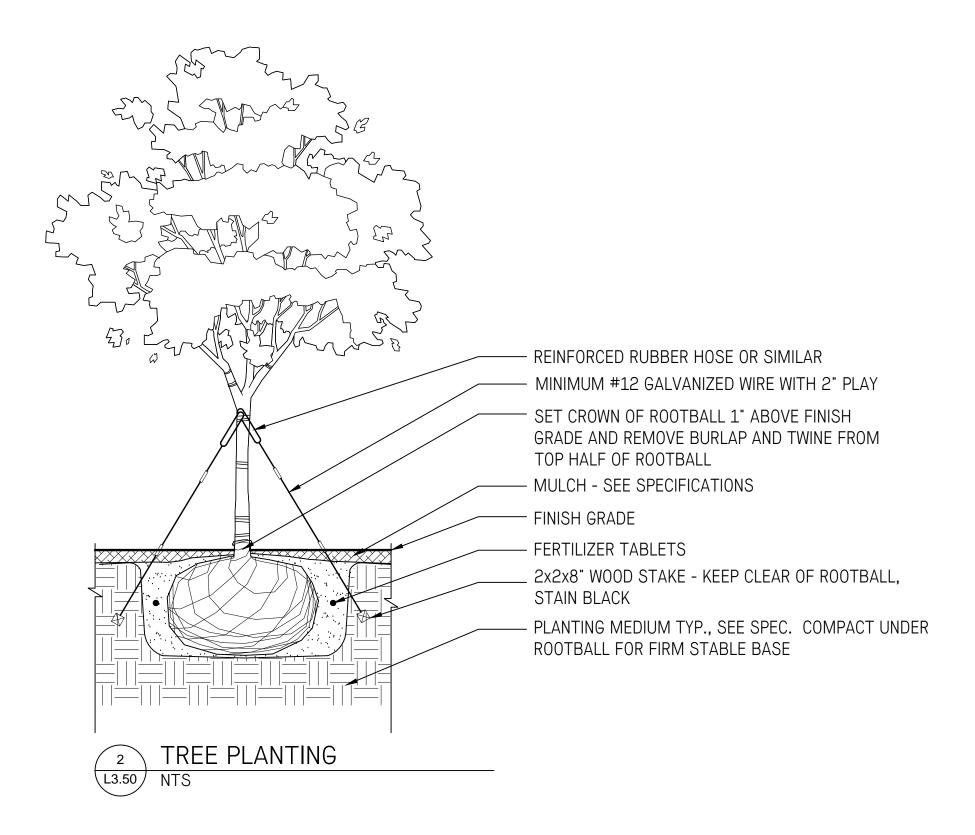


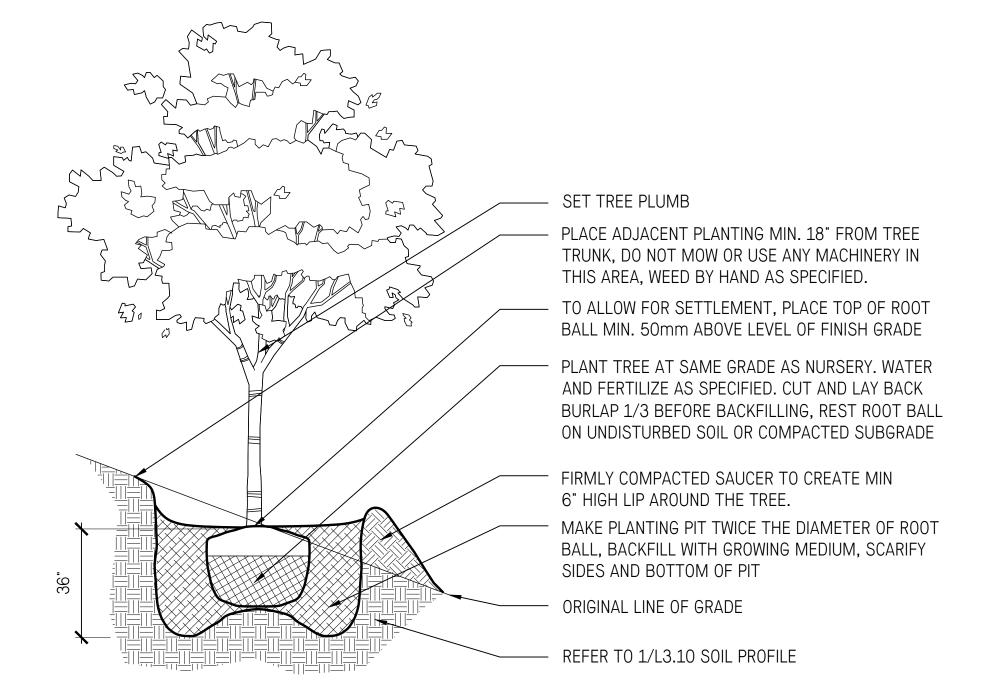




SOIL PROFILES

NTS





TREE PLANTING ON SLOPE

13.50 NTS

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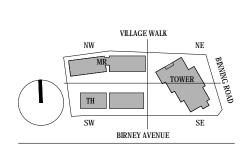
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#### IVY ON THE PARK LOT 8

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PLANTING DETAILS

L - 3.50