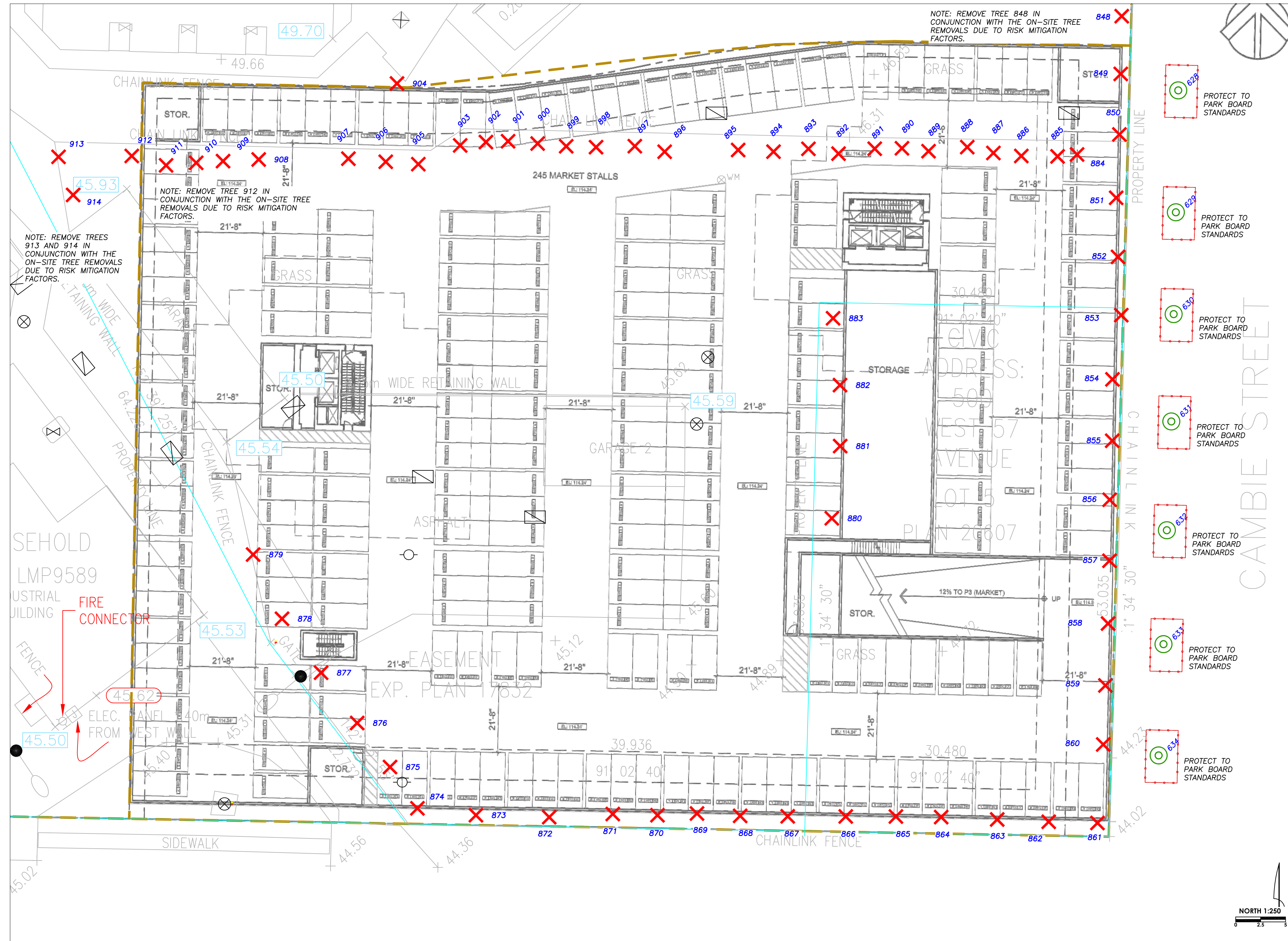
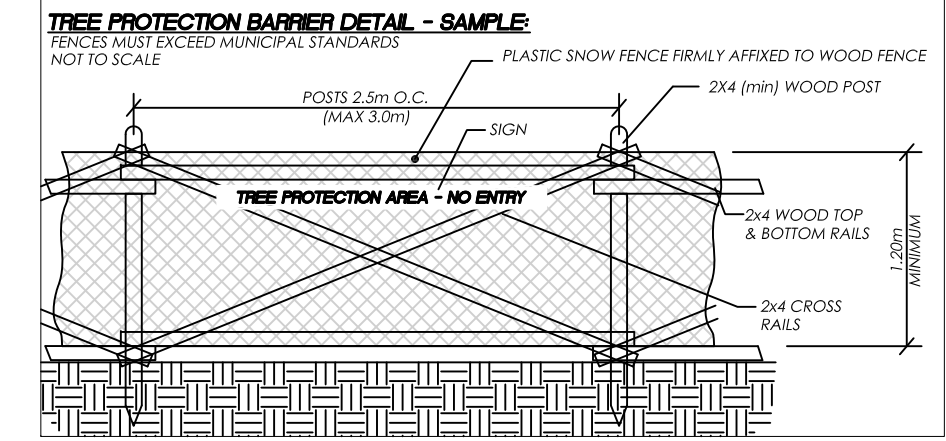


- TREE PROTECTION ZONE RESTRICTIONS:**
Trees that are specified to be retained must be protected from damage during all phases of development related work on the site. Any access or construction related work within the CPZ, RPZ and/or WSS requires advance approval, guidance and on-site direction or supervision by the project arborist. General restrictions in the RPZ are as follows:
- No soil disturbance of any scope or to any depth for cuts or fills, including but not limited to: trenching, stripping of over-burden, bulk excavation, fill placement, site preparation, grade alterations, topsoil placement, etc.
 - No passage or operation of machinery, trucks, vehicles or equipment (including small track machines, skid steers, BPs, etc.), except as approved and directed by the project arborist, and subject to special measures.
 - No storage of soil, gravel, construction materials, waste materials, etc.
 - No washing or washing of concrete, stucco, drywall, paint, or other potentially harmful materials.
 - No placement of temporary structures or services.
 - No staking lights, signs, cables or any other device to retained trees.
 - No pruning or cutting of retained trees, except as approved and directed by the project arborist, and performed by a qualified tree service firm employing ISA Certified Arborists and working to ANSI A300 and ANSI Z133 Standards.
 - No landscape finishing, such as but not limited to: installing retaining walls, digging planting holes, placing growing medium, installing irrigation or conduit, etc., except as approved and directed by the project arborist.



TREE MANAGEMENT DETAIL

DRAWING USE AND COORDINATION:

- This drawing relies on information and drawings supplied by the client or their consultants. Refer to original drawings from the consultants (i.e. surveyor, engineer, architect or other design professionals) for accurate locations and dimension of site features.
- All tree protection measures specified herein should be included and coordinated with the design for the project, including but not limited to: architectural, landscape, civil and geo-technical. It is the responsibility of each design professional to understand and review the tree protection measures and determine any conflicts. If conflicts are identified, the design professional and/or the client should bring those to the attention of the project arborist from this office to review and resolve.
- Tending and contacts for site preparation, land clearing, civil works and/or construction should include specifications for tree protection measures to be implemented as per this drawing and any reference documents.
- It is the responsibility of the owner or their agent to obtain all necessary approvals for the tree retention and removal scheme presented herein. Any changes that the municipality requests should be brought to the attention of the project arborist from this office to review and resolve.
- Some existing trees may not be shown on this drawing (i.e. undersize or bylaw exempt trees, or grouped trees). It is the responsibility of the contractor(s) to confirm that all necessary municipal approvals are in place, and to determine the full scope of tree removal work. Only the trees shown to be retained and protected are to remain on site, unless otherwise directed by the owner.
- Trees and stumps to be removed from within the tree protection zone (including CPZ, RPZ and WSS) are to be removed as directed and with on-site supervision from an arborist from this office.
- Stump grinding may be required for the removal of trees within the tree protection zone, at the discretion of an arborist from this office.
- Certain tree removals in proximity of retained trees or power lines may require assistance from a suitably qualified professional, such as but not limited to:
 - ISA Certified Arborist (tree removal, felling, pruning and other tree service work) working to ANSI A300 and ANSI Z133 Standards and Best Management Practices;
 - Certified Utility Arborist (tree removals, pruning and other tree service work) working to ANSI A300 and ANSI Z133 Standards and Best Management Practices and following BC Hydro policies and procedures.

APPENDIX C: TREE MANAGEMENT DRAWING - SHEET 2

acigroup.ca

ARBORTECH CONSULTING

SUITE 145 - 12051 HORSESHOE WAY, RICHMOND, BC V7A 4V4 604 275 3484

PROJECT: DP SUBMISSION
ADDRESS: PEARSON - PARCEL A DEVELOPMENT 59TH AND CAMBIE VANCOUVER
CLIENT:
CITY REF: [] IACL FILE: 13118 PCL A
PLOT SIZE: 22'X34' REV #1: 0 DATE: OCT 27, 2017

MATERIALS LEGEND | GROUND LEVEL

SYMBOL	IMAGE KEY	DESCRIPTION	DETAIL KEY
		PAVING TYPE 1: ON/OFF SITE BANDING Grey Granite Setts	
		PAVING TYPE 2: OFFSITE RETAIL SIDEWALK Saw Cut CIP Concrete Paving	
		PAVING TYPE 3: OFFSITE SIDEWALK, TYP. CIP Concrete Paving CoV Standard	
		PAVING TYPE 4: SRW COMMUNAL AREAS 12" x 18" Concrete Unit Pavers. TBD	
		PAVING TYPE 5: NORTH/SOUTH PLAZA PAVING 8" x 36" Porcelain Pavers, With Inset Lighting, TBD	
		PAVING TYPE 6: RETAIL PAVING ALONG CAMBIE/LOBBIES 12" x 12" Porcelain Pavers, TBD	
		PAVING TYPE 7: PRIVATE PATIOS 12" x 12" Porcelain Pavers, TBD	
		PAVING TYPE 8: 3/4" WASHED GRAVEL FOR FRUIT TREE ORCHARDS	
		CIP CONCRETE STAIRS, C/W HANDRAIL	
		IPE WOOD BENCH ON CONCRETE SEAT WALL	
		FREE STANDING BENCH - LANDSCAPE FORMS TBD	
		FREE STANDING BENCH - AS PER COV STANDARDS	
		CIP CONCRETE WALL: FINAL FINISH TBD	
		Board Form Wall - Option 1	
		Stone Clad Wall - Option 2	
		Architectural Finish Wall - Option 3	
		COMMUNITY AGRICULTURAL PLANTER BOXES WITH METAL CANTILEVERED SEATS AND TRELIS	
		SHRUB AREA: AVG. DEPTH 900mm-1200mm	
		SODDED BOULEVARD: As per CoV Standards. Possible Rain Gardens to be Coordinated with CoV Engineering	
		RAIN GARDEN WITH CONCRETE RETAINING WALL	
		CAFE STYLE TABLE: TBD	
		WOODEN TRELIS WITH STEEL FRAME TO BE COORDINATED WITH ARCH/STRUCTURAL	
		WAYFINDING SIGNAGE - TBD	
		SITE ENTRANCE SIGNAGE - ILLUMINATED	
		PROPOSED NEW TREES - SEE PLANTING PLAN	
		EXISTING/REMOVED TREES	

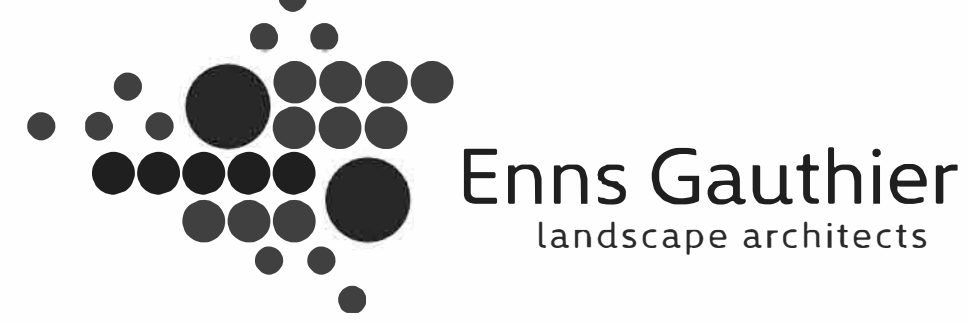
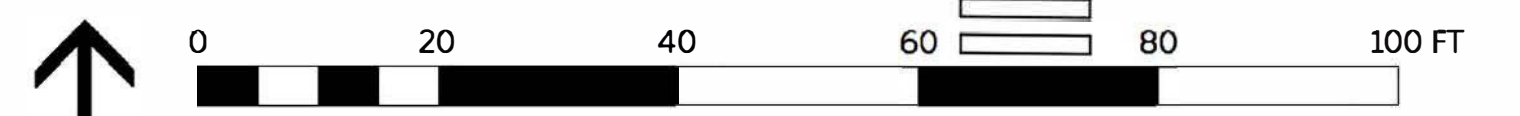
GENERAL LAYOUT + MATERIALS NOTES:

1. ALL DIMENSIONS ARE METRIC UNLESS OTHERWISE NOTED. VERIFY ALL DIMENSIONS WITH FIELD CONDITIONS. REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT FOR REVIEW AND RESPONSE.
2. ALL UTILITIES TO BE STAKED OUT BY CONTRACTOR AND PROTECTED FOR DURATION OF CONSTRUCTION PERIOD.
3. UNLESS OTHERWISE NOTED, PROVIDE A MINIMUM 2% SLOPE ON ALL HARD AND SOFT LANDSCAPE AREAS TO ESURE POSITIVE DRAINAGE AWAY FROM BUILDINGS OR TO DRAINAGE STRUCTURES. MAXIMUM 3:1 SLOPE IN SOFT LANDSCAPE AREAS.
4. THE LAYOUT OF ALL HARDSCAPE ITEMS, SITE FURNISHINGS, BOULDERS, LANDSCAPE LIGHTING, PLANTING BEDS AND OTHER MATERIALS IS TO BE STAKED OUT BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
5. ALL SUBSTITUTIONS OF SPECIFIED MATERIALS TO BE APPROVED BY LANDSCAPE ARCHITECT.



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

WEST 59TH AVE.



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Landscape Design
Vancouver, BC

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August, 2017

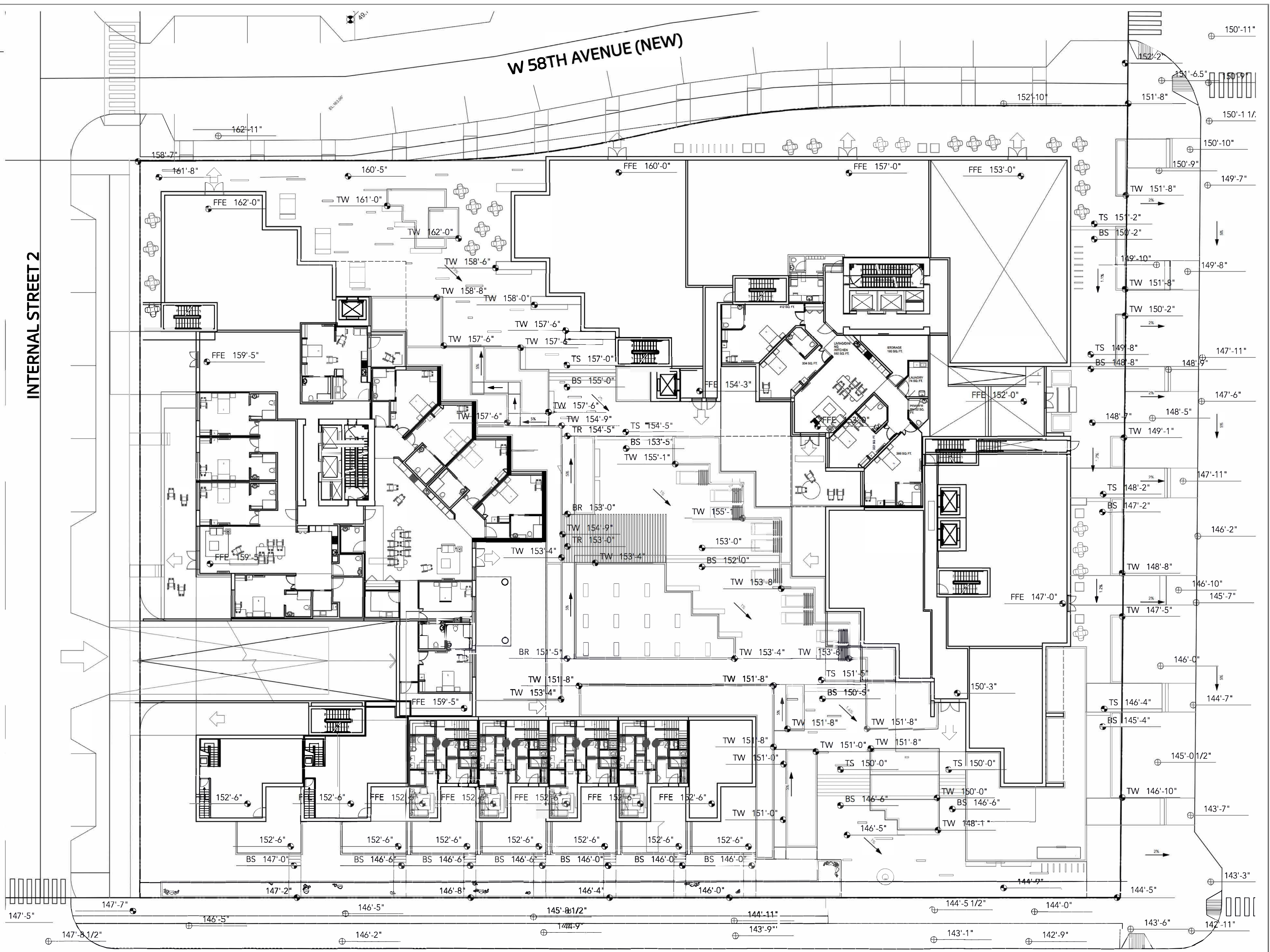
L1.0
MATERIALS PLAN - LEVEL 1

GENERAL GRADING NOTES:

1. ALL UTILITIES TO BE STAKED OUT BY CONTRACTOR AND PROTECTED FOR DURATION OF CONSTRUCTION PERIOD.
2. UNLESS OTHERWISE NOTED, PROVIDE A MINIMUM 2% SLOPE ON ALL HARD AND SOFT LANDSCAPE AREAS TO ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS OR TO DRAINAGE STRUCTURES. MAXIMUM 3:1 SLOPE IN SOFT LANDSCAPE AREAS.
3. THE LAYOUT OF ALL PROPOSED HARDSCAPE ITEMS, SITE FURNITURE, LIGHTING, PLANTING BEDS AND OTHER MATERIALS IS TO BE STAKED OUT BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. ALL SUBSTITUTIONS OF SPECIFIED MATERIALS TO BE APPROVED BY LANDSCAPE ARCHITECT.
5. REFER TO CIVIL FOR EXCAVATION DEPTHS, BACKFILL, AND BASE MATERIAL FOR ALL LANDSCAPE ITEMS SHOWN ON PLAN.
6. SLOPE SHALL MATCH EXISTING GRADE ALONG ALL PROPERTY LINES.
7. REFER TO CIVIL ENGINEER'S PRECISE GRADING PLANS FOR SITE GRADING, DRAINAGE, AND UTILITY LOCATIONS. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE LANDSCAPE ARCHITECT'S PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.
8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION.
9. ALL PROPOSED GRADES ARE TO MEET AND BLEND IN WITH EXISTING GRADING AT PROJECT LIMITS, GRADING LIMITS, AND EXISTING SIDEWALK. PRECISE ELEVATIONS INDICATED ON PLANS TO BE VERIFIED IN FILED TO AS-BUILT CONDITION.
10. THE DEBRIS CREATED BY LANDSCAPE GRADING OPERATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF LEGALLY OFF SITE.
11. FINAL GRADING SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION OF PLANTING.

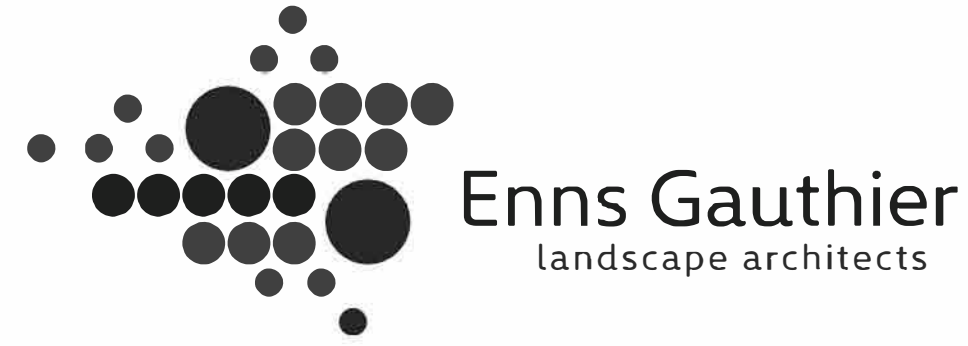
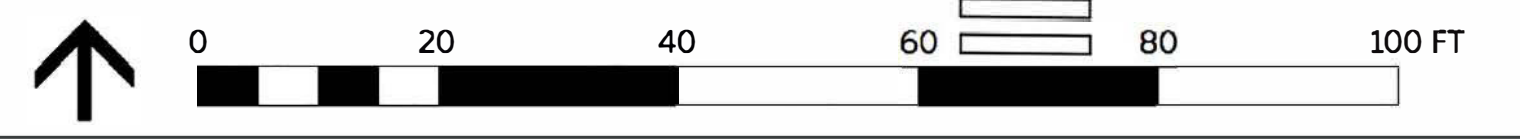
GRADING LEGEND

SYMBOL	DESCRIPTION
● FFE 0"	FINISHED FLOOR ELEVATION
● TW 0"	TOP OF WALL ELEVATION
● BW 0"	BOTTOM OF WALL ELEVATION
● TS 0"	TOP OF STEP ELEVATION
● BS 0"	BOTTOM OF STEP ELEVATION
● TB 0"	TOP OF BENCH ELEVATION
● TR 0"	TOP OF RAMP
● BR 0"	BOTTOM OF RAMP
→ %	SLOPE DIRECTION
⊕ 0"	EXISTING ELEVATION AS PER SURVEY



1 GRADING PLAN
SCALE: 1/16" = 1'-0"

WEST 59TH AVE.



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L1.1

GRADING PLAN- LEVEL 1

GENERAL PLANTING NOTES:

1. ALL PLANTING SHALL BE IN ACCORDANCE WITH BC LANDSCAPE STANDARD, LATEST EDITION
2. ALL TREE AND SHRUB AREAS TO BE MULCHED WITH 50MM (2") OF MEDIUM FINE MULCH, LESS THAN 50MM (2") DIAMETER.
3. ROOTZONE TO REST ON TAMPED PLANTING SOIL
4. SHRUBS: PREPARE PLANTING HOLES AS SPECIFIED. PLANT AT THE SAME GRADE AS NURSERY. WATER AND FERTILIZE AS SPECIFIED. ENSURE POSITIVE DRAINAGE THROUGHOUT PLANTING BED
5. TREE SIZE AND SPACING TO BE AS PER CITY OF VANCOUVER ARBORIST
6. TREE: PREPARE PLANTING HOLES AS SPECIFIED INSTALL TOP OF ROOTZONE 6" ABOVE FINISHED GRADE OF GROWING MEDIUM. WATER AND FERTILIZE AS SPECIFIED BY NURSERY.
7. FINAL SOFTSCAPE AND GRADING LAYOUTS AS WELL AS LOCATION SPACING TO BE APPROVED BY LANDSCAPE ARCHITECTS IN THE FIELD PRIOR TO INSTALLATION
8. IN CASE OF A DISCREPANCY BETWEEN PLANT INFORMATION ON THE LIST AND ON THE PLAN, THE LATTER SHALL PREVAIL
9. ALL PLANT MATERIAL TO BE MANUALLY WATERED FROM START OF INSTALLATION THROUGH THE END OF THE WARRANTY PERIOD
10. INSTALL TREE PROTECTION FENCING AROUND ALL EXISTING TREES TO CITY OF VANCOUVER STANDARDS. INSTALL TREE PROTECTION FENCING ON NEW PLANTING IF PHASED INSTALLATION IS REQUIRED.
11. FINAL PLANT SPACING, QUANTITY AND TREE PLACEMENT HAS BEEN REVIEWED TO THE SATISFACTION OF GENERAL MANAGER OF ENGINEERING SERVICES
12. ALL PLANTING BEDS TO RECEIVE AUTOMATIC DRIP IRRIGATION

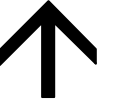
INTERNAL STREET 2



1

PLANTING PLAN
SCALE: 1/16" = 1'-0"

WEST 59TH AVE.



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5 YGf CpdENANC .
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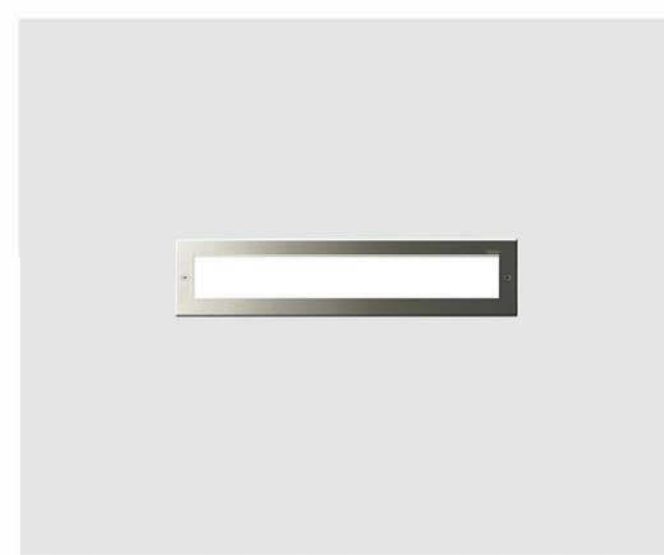
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LIGHTING LEGEND

QTY	TYPE	MANUFACTURER	DESCRIPTION
17	TYPE A	Bega Lighting	Surface Wall - dual narrow beam #66 519
73	TYPE B	Bega Lighting	Recessed Wall - white tempered glass #22 052
25	TYPE C	BK Lighting	Denali Floodlight - LM79 Aluminum finish
210 lin. ft.	TYPE D	Bruck	Orion Belt narrow beam spread LED's mounted underneath seat wall overhang
6	TYPE E	Bega Lighting	Pole top - indirect with adjustable lamp enclosure. Product #: 88 270
20	OUTLET		Outlet at tree bases for x-mas style lights



Type A - Bega Lighting Surface Wall Dual Beam



Type B - Bega Lighting Wall Inset



Type C - BK Lighting Denali Floodlight



Type D - Bruck LED Strip



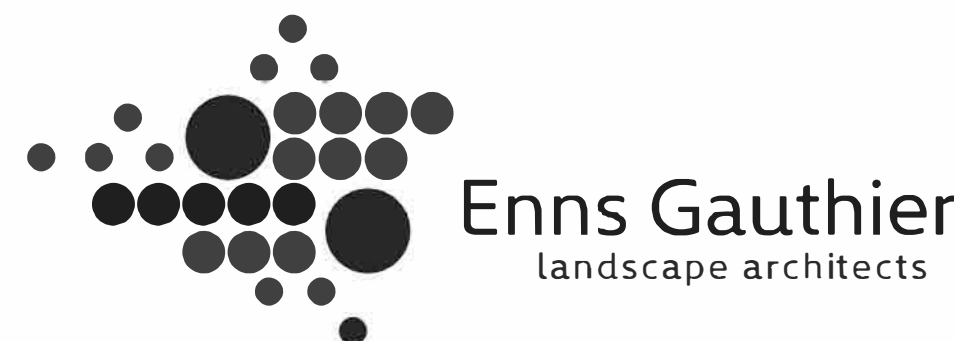
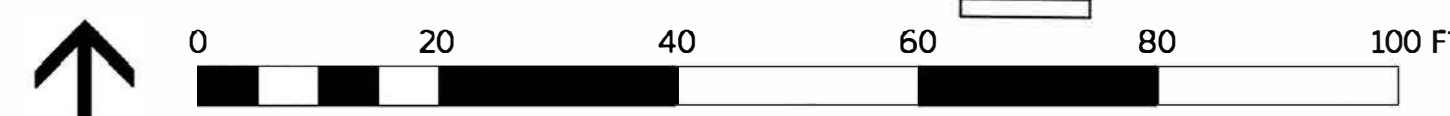
Type E - 15' Bol Pole with Luminaires



OULET - For Seasonal Lighting



1 LIGHTING PLAN
SCALE: 1/16" = 1'-0"



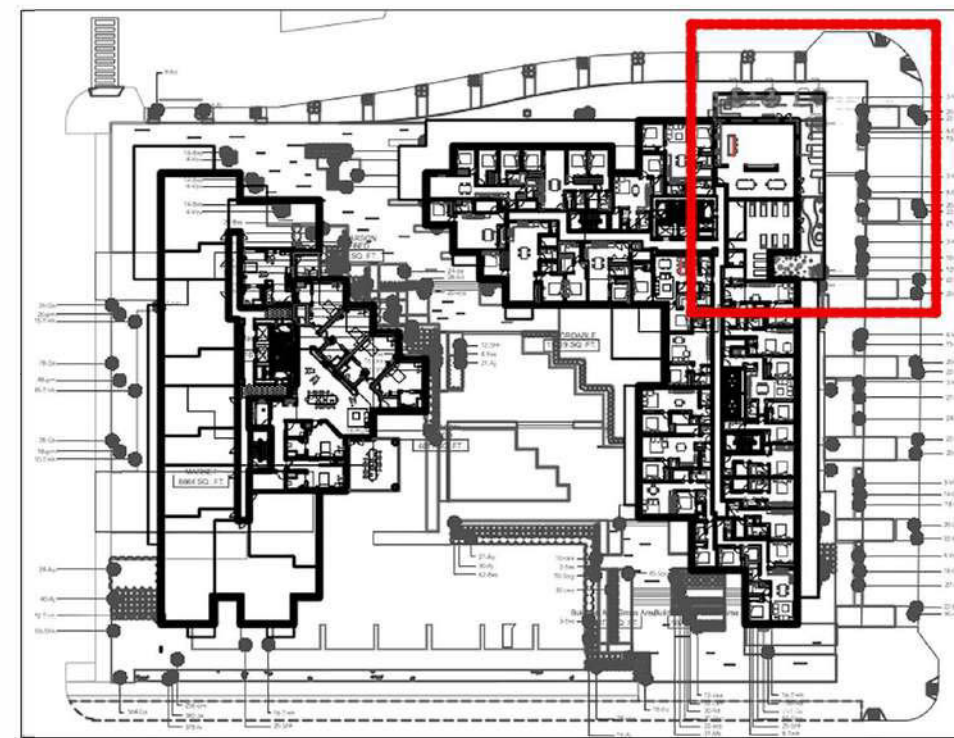
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L1.3

LIGHTING PLAN - LEVEL 1



KEY PLAN

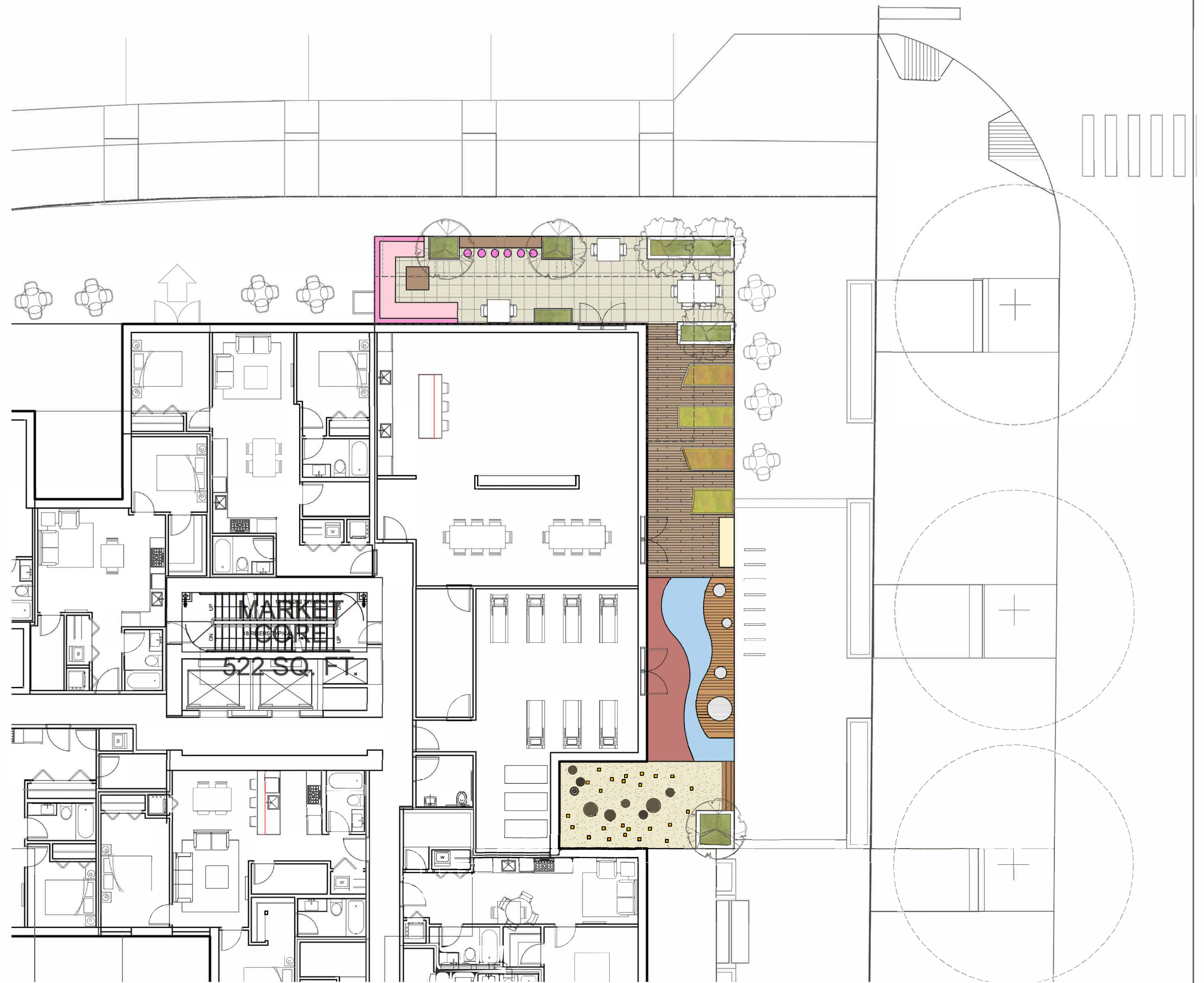


MATERIALS LEGEND - AMENITY DECKS

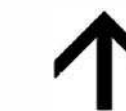
SYMBOL	IMAGE KEY	DESCRIPTION	DETAIL KEY
	7 L6.0	PAVING TYPE 7: PRIVATE PATIOS 12" x 12" Porcelain Pavers, TBD	6 L7.1
	8 L6.0	PAVING TYPE 8: 3/4" WASHED GRAVEL FOR LOUNGE AREA AND URBAN AG AREA	1 L7.2
	6 L6.1	PAVING TYPE 9: COMMUNAL AMENITY AREAS Porcelain Tile - TBD	2 L7.2
	7 L6.1	PAVING TYPE 10: PEA GRAVEL For Kid Play	3 L7.2
	8 L6.1	PAVING TYPE 11: CHILD PLAY Rubber Play Surfacing, TBD	4 L7.2
	9 L6.1	PAVING TYPE 12 Raised Wood Deck with Activity 'Pockets'	5 L7.2
	10 L6.1	ALL WEATHER FURNITURE - BY OWNER	
	11 L6.1	ALL WEATHER RECLINERS - BY OWNER	
	13 L6.1	RAISED CUSTOM METAL PLANTERS - 3' HT Depth Typ.	2 L7.5
	14 L6.1	INSET CIP CONCRETE PLANTERS 3' Depth Max	4 L7.5
	15 L6.1	BANQUET TABLE - TBD BY OWNER	
	2 L6.2	BAR STOOL SEATING WITH TABLE - TBD	
	10 L6.0	WOOD TOP CIP CONCRETE BENCH	1 L7.3
	3 L6.2	LOUNGE CHAIRS WITH TABLE - BY OWNER	
		PROPOSED TREES - SEE PLANTING PLAN	5 L7.6
	4 L6.2	URBAN AGRICULTURE PLOTS	1 L7.5
	5 L6.2	MIXING TABLE - BY OWNER	
	6 L6.2	STEPPING BOULDERS	3 L7.4
	7 L6.2	ART STICKS	4 L7.4

GENERAL LAYOUT + MATERIALS NOTES:

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1 LEVEL 2 MATERIALS PLAN
SCALE: 1/8" = 1'-0"

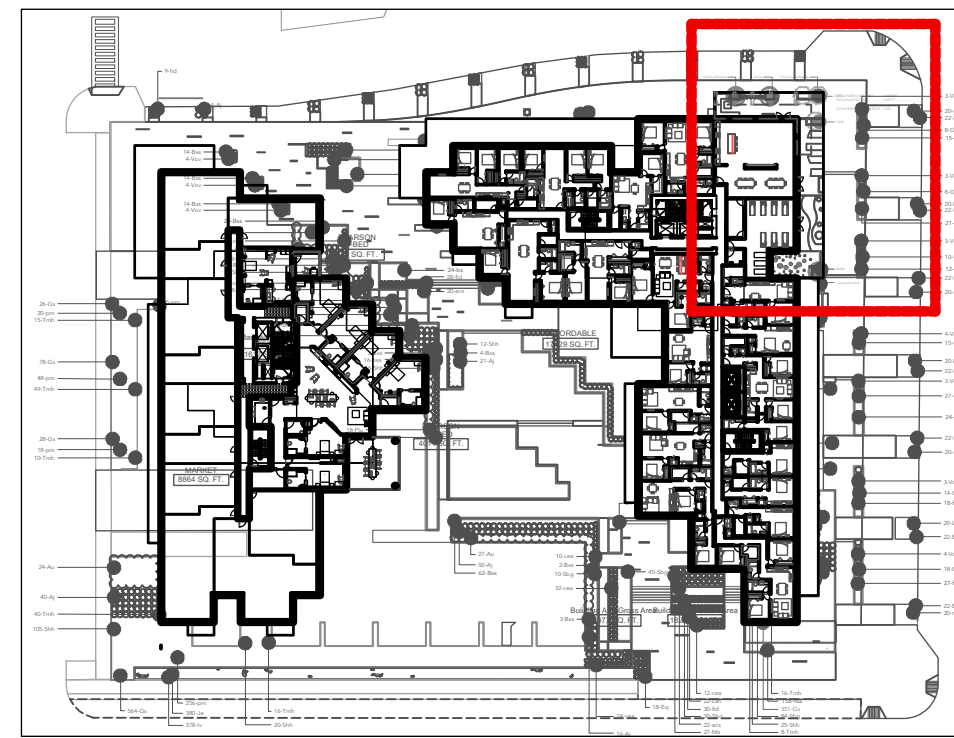


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L2.0
MATERIALS PLAN - LEVEL 2

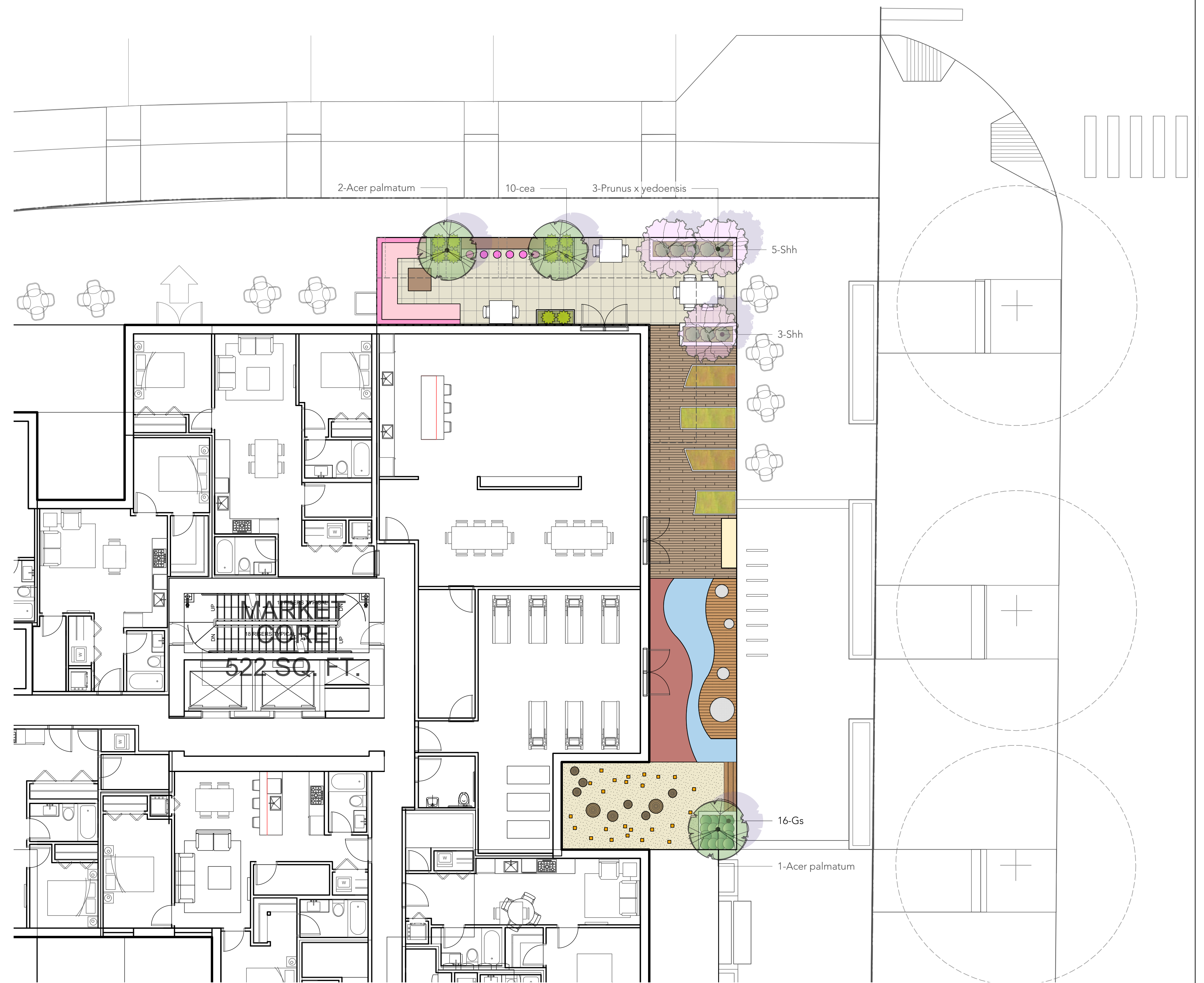


KEY PLAN

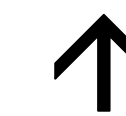


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4. SHRUBS: PREPARE PLANTING HOLES AS SPECIFIED. PLANT AT THE SAME GRADE AS NURSERY. WATER AND FERTILIZE AS SPECIFIED. ENSURE POSITIVE DRAINAGE THROUGHOUT PLANTING BED
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11. FINAL PLANT SPACING, QUANTITY AND TREE PLACEMENT HAS BEEN REVIEWED TO THE SATISFACTION OF GENERAL MANAGER OF ENGINEERING SERVICES
12. ALL PLANTING BEDS TO RECEIVE AUTOMATIC DRIP IRRIGATION



1 LEVEL 2 LANDSCAPE PLAN
SCALE: 1/8" = 1'-0"



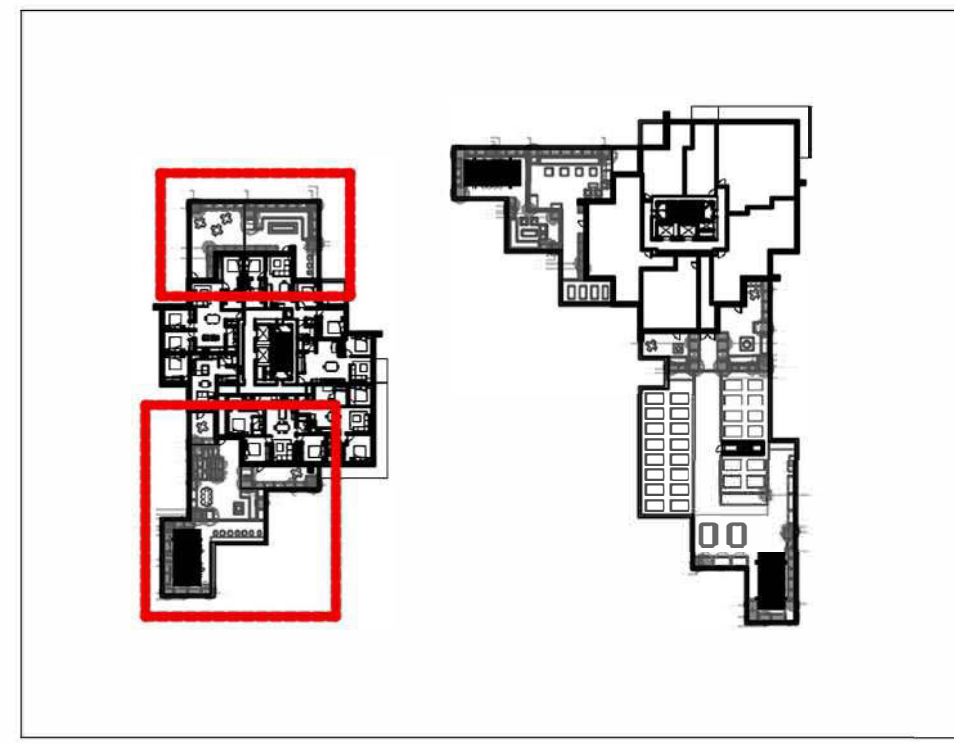
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KEY PLAN

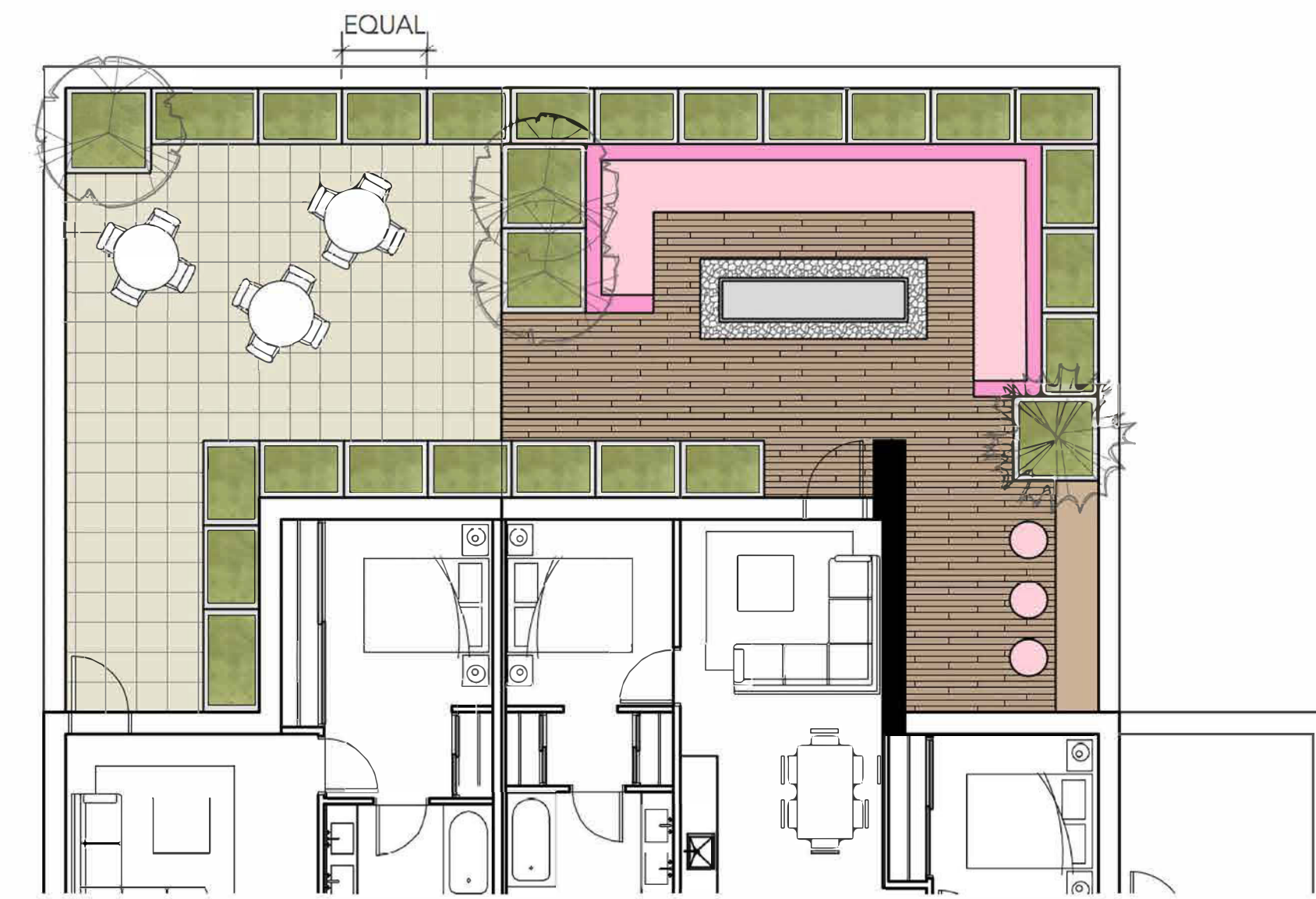


MATERIALS LEGEND - AMENITY DECKS

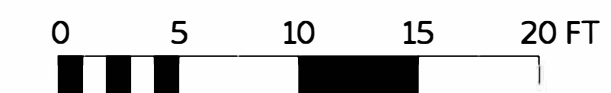
SYMBOL	IMAGE KEY	DESCRIPTION	DETAIL KEY
		PAVING TYPE 7: PRIVATE PATIOS 12" x 12" Porcelain Pavers, TBD	
		PAVING TYPE 8: 3/4" WASHED GRAVEL FOR LOUNGE AREA AND URBAN AG AREA	
		PAVING TYPE 9: COMMUNAL AMENITY AREAS Porcelain Tile - TBD	
		PAVING TYPE 10: PEA GRAVEL For Kid Play	
		ALL WEATHER FURNITURE - BY OWNER	
		ALL WEATHER RECLINERS - BY OWNER	
		RAISED CUSTOM METAL PLANTERS - 3' HT Depth Typ.	
		INSET C/P CONCRETE PLANTERS 3' Depth Max	
		BANQUET TABLE - TBD BY OWNER	
		BBQ - BY OWNER	
		FIRE PIT - TBD	
		BAR STOOL SEATING WITH TABLE - TBD	
		WOOD TOP C/P CONCRETE BENCH	
		LOUNGE CHAIRS WITH TABLE - BY OWNER	
		PROPOSED TREES - SEE PLANTING PLAN	

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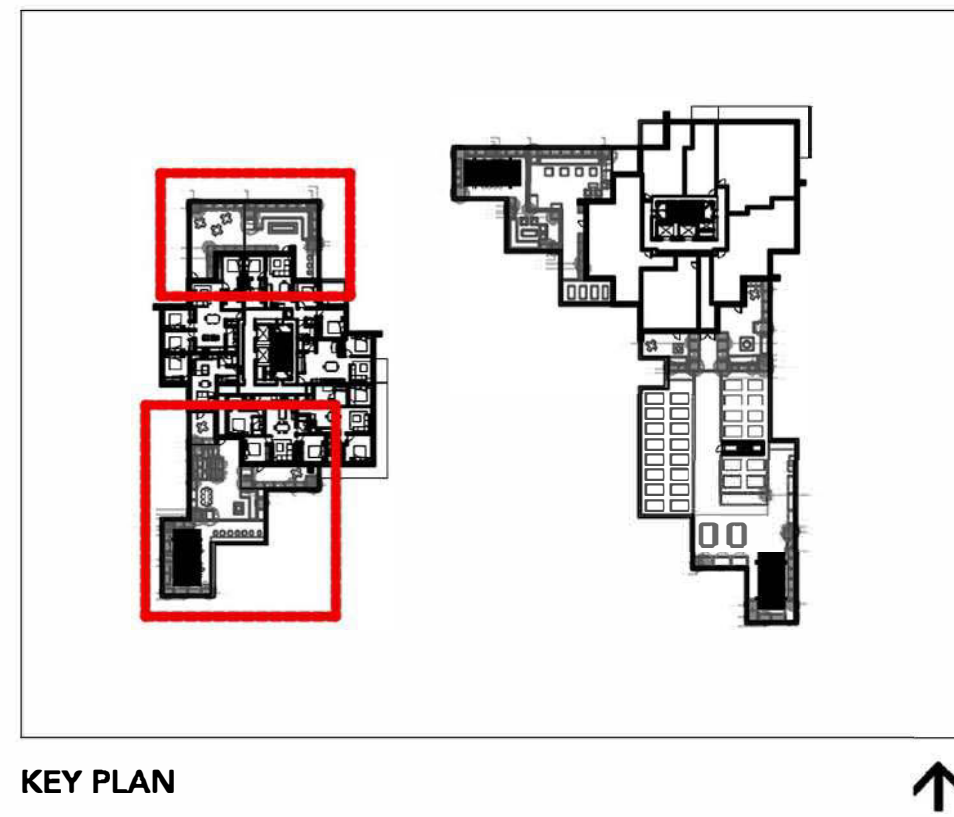


1 AMENITY LEVEL MATERIALS PLAN
SCALE: 1/8" = 1'-0"

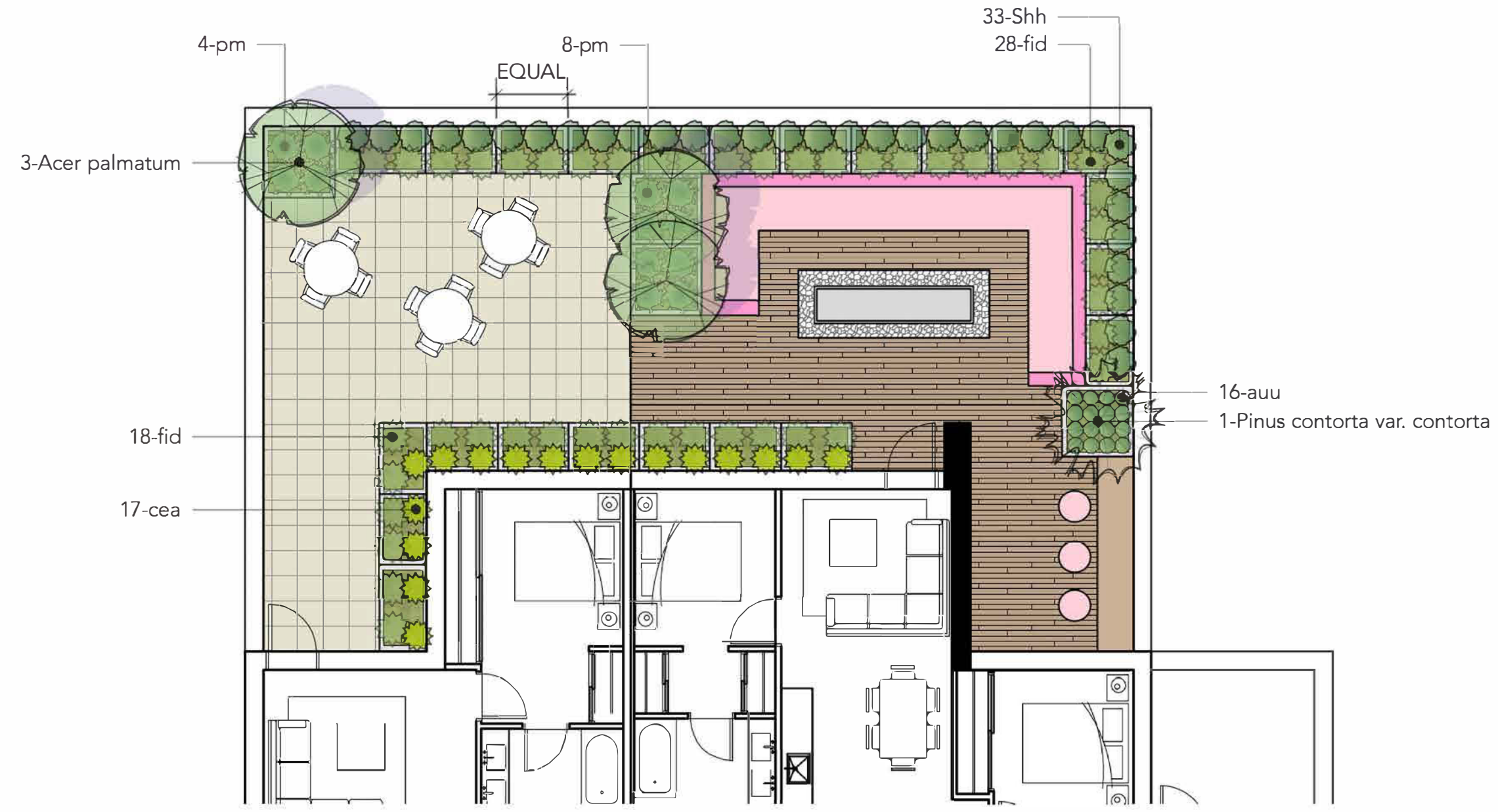


2 AMENITY LEVEL MATERIALS PLAN
SCALE: 1/8" = 1'-0"

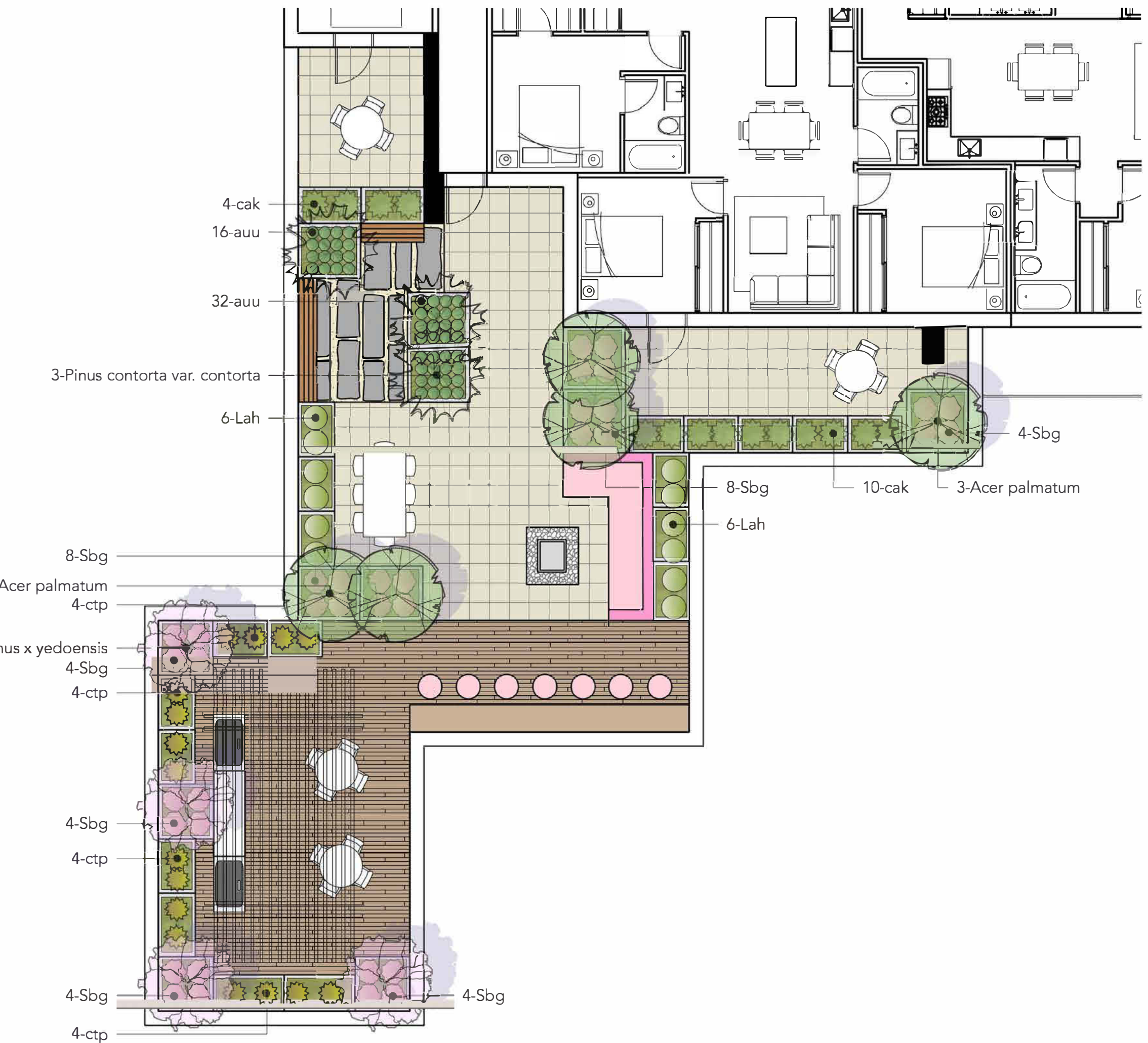
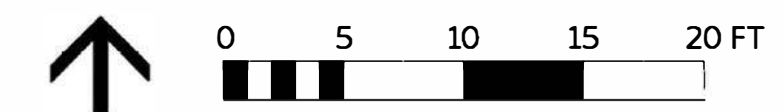




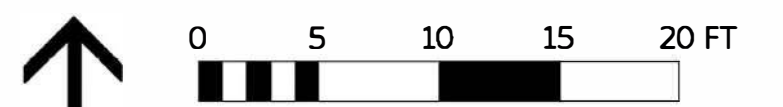
KEY PLAN



1 AMENITY LEVEL PLANTING PLAN
SCALE: 1/8" = 1'-0"



2 AMENITY LEVEL PLANTING PLAN
SCALE: 1/8" = 1'-0"



GENERAL PLANTING NOTES:

1. ALL PLANTING SHALL BE IN ACCORDANCE WITH BC LANDSCAPE STANDARD, LATEST EDITION
2. ALL TREE AND SHRUB AREAS TO BE MULCHED WITH 50MM (2") OF MEDIUM FINE MULCH, LESS THAN 50MM (2") DIAMETER.
3. ROOTZONE TO REST ON TAMPED PLANTING SOIL
4. SHRUBS: PREPARE PLANTING HOLES AS SPECIFIED. PLANT AT THE SAME GRADE AS NURSERY. WATER AND FERTILIZE AS SPECIFIED. ENSURE POSITIVE DRAINAGE THROUGHOUT PLANTING BED
5. TREE SIZE AND SPACING TO BE AS PER CITY OF VANCOUVER ARBORIST
6. TREE: PREPARE PLANTING HOLES AS SPECIFIED INSTALL TOP OF ROOTZONE 6" ABOVE FINISHED GRADE OF GROWING MEDIUM. WATER AND FERTILIZE AS SPECIFIED BY NURSERY.
7. FINAL SOFTSCAPE AND GRADING LAYOUTS AS WELL AS LOCATION SPACING TO BE APPROVED BY LANDSCAPE ARCHITECTS IN THE FIELD PRIOR TO INSTALLATION
8. IN CASE OF A DISCREPANCY BETWEEN PLANT INFORMATION ON THE LIST AND ON THE PLAN, THE LATTER SHALL PREVAIL
9. ALL PLANT MATERIAL TO BE MANUALLY WATERED FROM START OF INSTALLATION THROUGH THE END OF THE WARRANTY PERIOD
10. INSTALL TREE PROTECTION FENCING AROUND ALL EXISTING TREES TO CITY OF VANCOUVER STANDARDS. INSTALL TREE PROTECTION FENCING ON NEW PLANTING IF PHASED INSTALLATION IS REQUIRED.
11. FINAL PLANT SPACING, QUANTITY AND TREE PLACEMENT HAS BEEN REVIEWED TO THE SATISFACTION OF GENERAL MANAGER OF ENGINEERING SERVICES
12. ALL PLANTING BEDS TO RECEIVE AUTOMATIC DRIP IRRIGATION



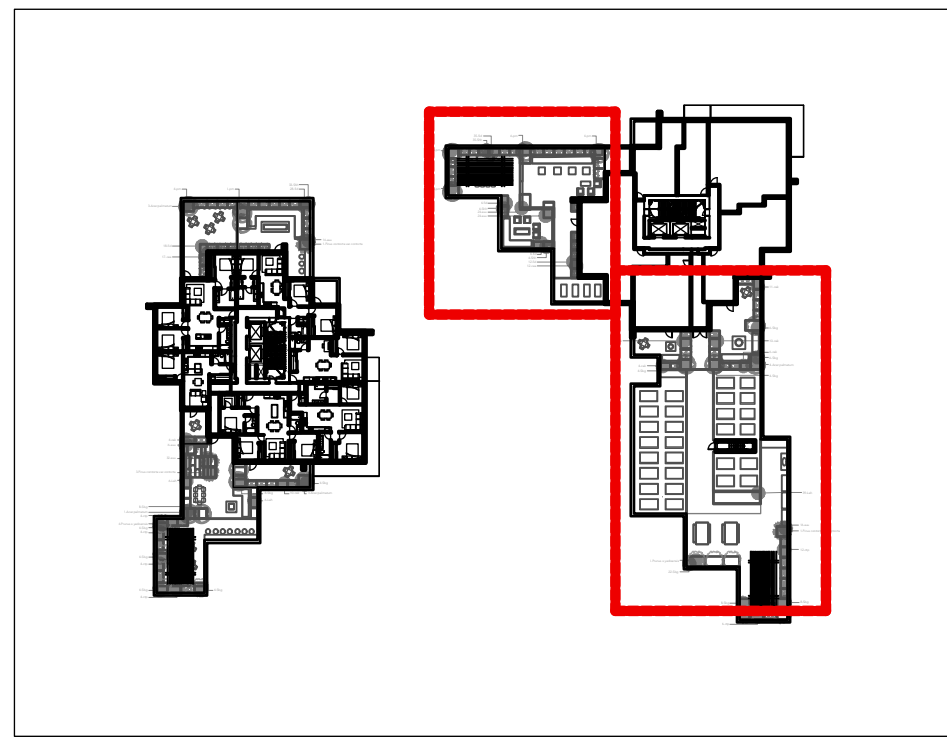
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L3.1

PLANTING PLAN - LEVEL 8 WEST TOWER



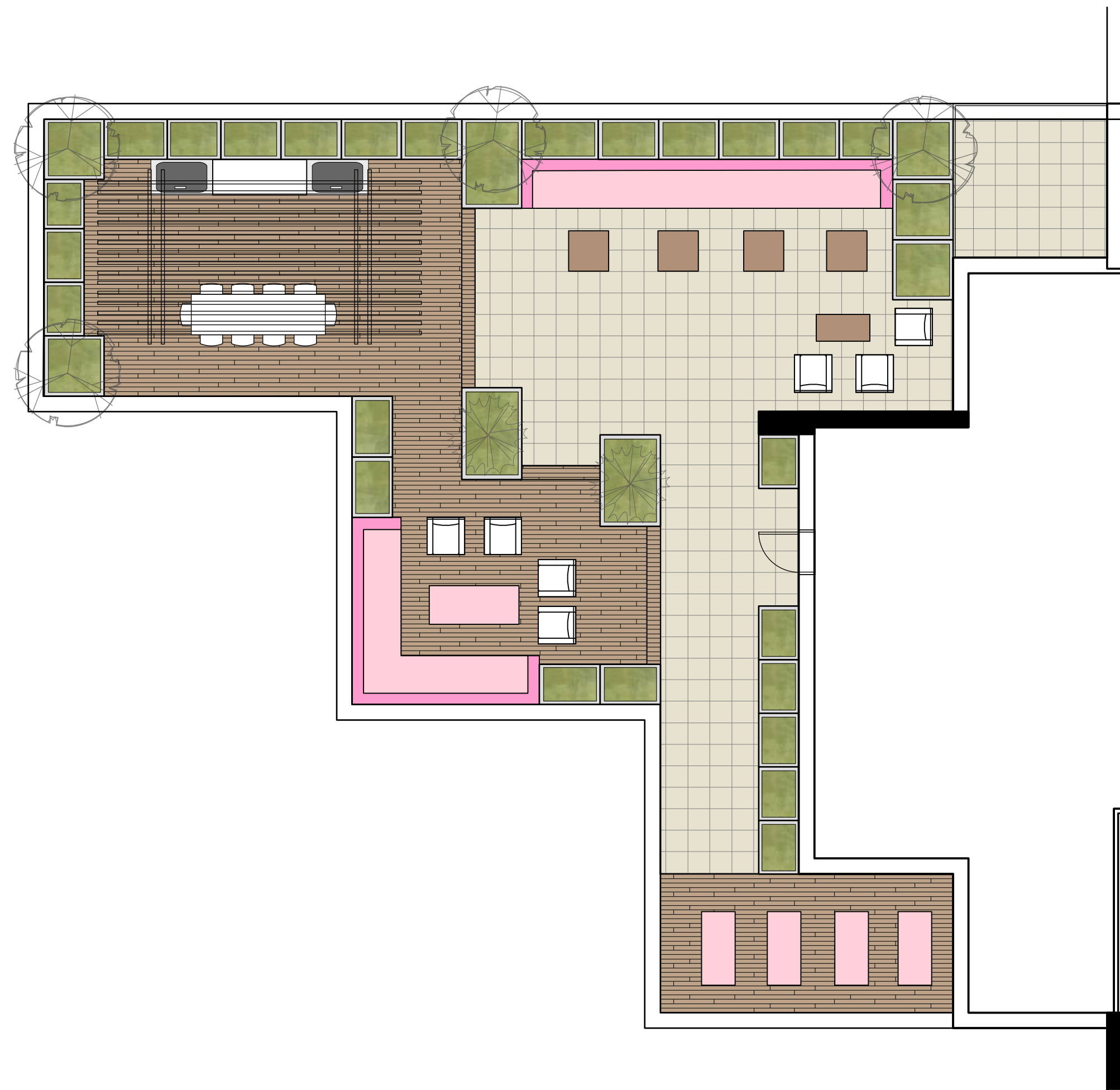
KEY PLAN

GENERAL LAYOUT + MATERIALS NOTES:

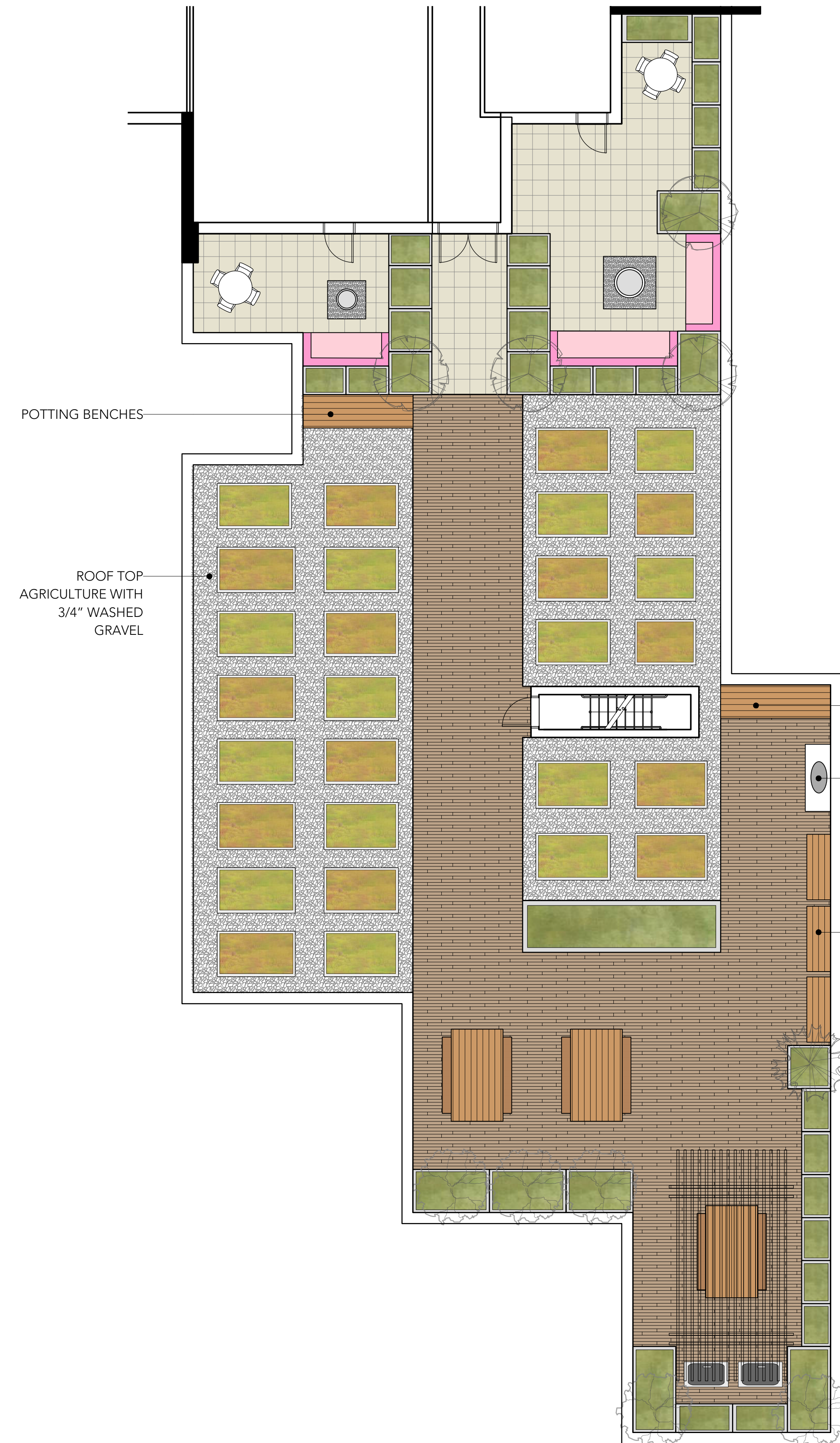
1. ALL DIMENSIONS ARE METRIC UNLESS OTHERWISE NOTED. VERIFY ALL DIMENSIONS WITH FIELD CONDITIONS. REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT FOR REVIEW AND RESPONSE.
2. ALL UTILITIES TO BE STAKED OUT BY CONTRACTOR AND PROTECTED FOR DURATION OF CONSTRUCTION PERIOD.
3. UNLESS OTHERWISE NOTED, PROVIDE A MINIMUM 2% SLOPE ON ALL HARD AND SOFT LANDSCAPE AREAS TO ESURE POSITIVE DRAINAGE AWAY FROM BUILDINGS OR TO DRAINAGE STRUCTURES. MAXIMUM 3:1 SLOPE IN SOFT LANDSCAPE AREAS.
4. THE LAYOUT OF ALL HARDSCAPE ITEMS, SITE FURNISHINGS, BOULDERS, LANDSCAPE LIGHTING, PLANTING BEDS AND OTHER MATERIALS IS TO BE STAKED OUT BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
5. ALL SUBSTITUTIONS OF SPECIFIED MATERIALS TO BE APPROVED BY LANDSCAPE ARCHITECT.

MATERIALS LEGEND - AMENITY DECKS

SYMBOL	IMAGE KEY	DESCRIPTION	DETAIL KEY
	7 L6.0	PAVING TYPE 7: PRIVATE PATIOS 12" x 12" Porcelain Pavers, TBD	6 L7.1
	8 L6.0	PAVING TYPE 8: 3/4" WASHED GRAVEL FOR LOUNGE AREA AND URBAN AG AREA	1 L7.2
	6 L6.1	PAVING TYPE 9: COMMUNAL AMENITY AREAS Porcelain Tile - TBD	2 L7.2
	7 L6.1	PAVING TYPE 10: PEA GRAVEL For Kid Play	3 L7.2
	10 L6.1	ALL WEATHER FURNITURE - BY OWNER	
	11 L6.1	ALL WEATHER RECLINERS - BY OWNER	
	13 L6.1	RAISED CUSTOM METAL PLANTERS - 3' HT Depth Typ.	2 L7.5
	14 L6.1	INSET CIP CONCRETE PLANTERS 3' Depth Max	4 L7.5
	15 L6.1	BANQUET TABLE - TBD BY OWNER	
	12 L6.1	BBQ - BY OWNER	
	1 L6.2	FIRE PIT - TBD	
	2 L6.2	BAR STOOL SEATING WITH TABLE - TBD	
	10 L6.0	WOOD TOP CIP CONCRETE BENCH	1 L7.3
		LOUNGE CHAIRS WITH TABLE - BY OWNER	
		PROPOSED TREES - SEE PLANTING PLAN	5 L7.6
	4 L6.2	URBAN AGRICULTURE PLOTS	1 L7.5
	5 L6.2	MIXING TABLE - BY OWNER	



1 AMENITY LEVEL MATERIALS PLAN
SCALE: 1/8" = 1'-0"



2 AMENITY LEVEL MATERIALS PLAN
SCALE: 1/8" = 1'-0"



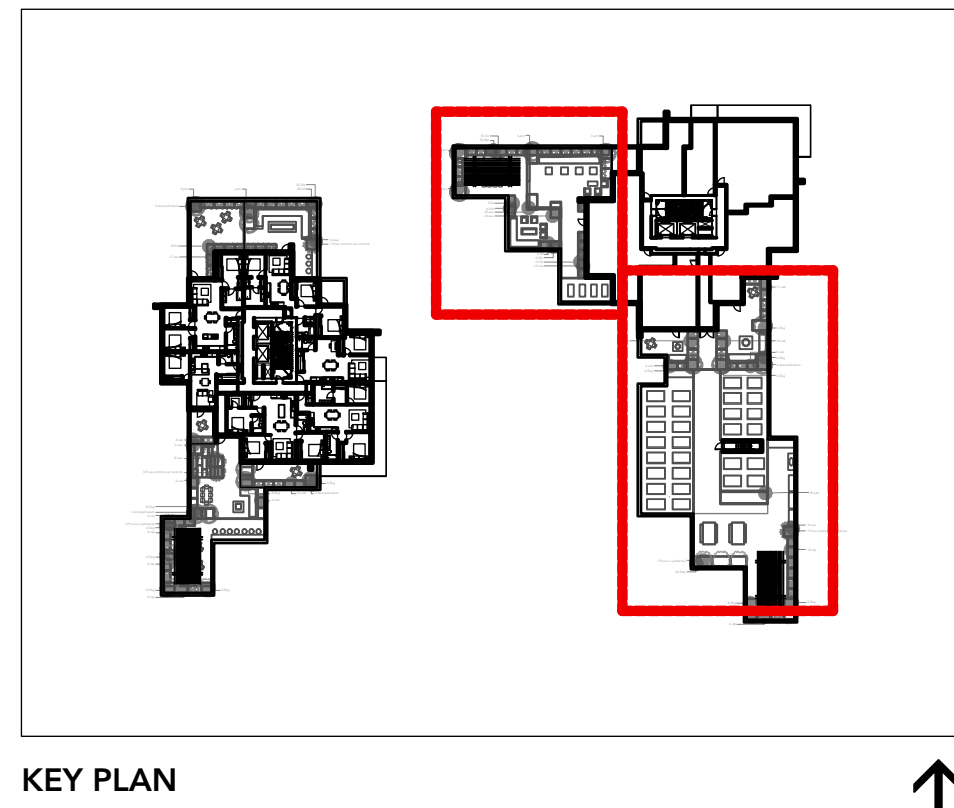
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5 YGT CpdENANC .
W YGT CpdENANC .

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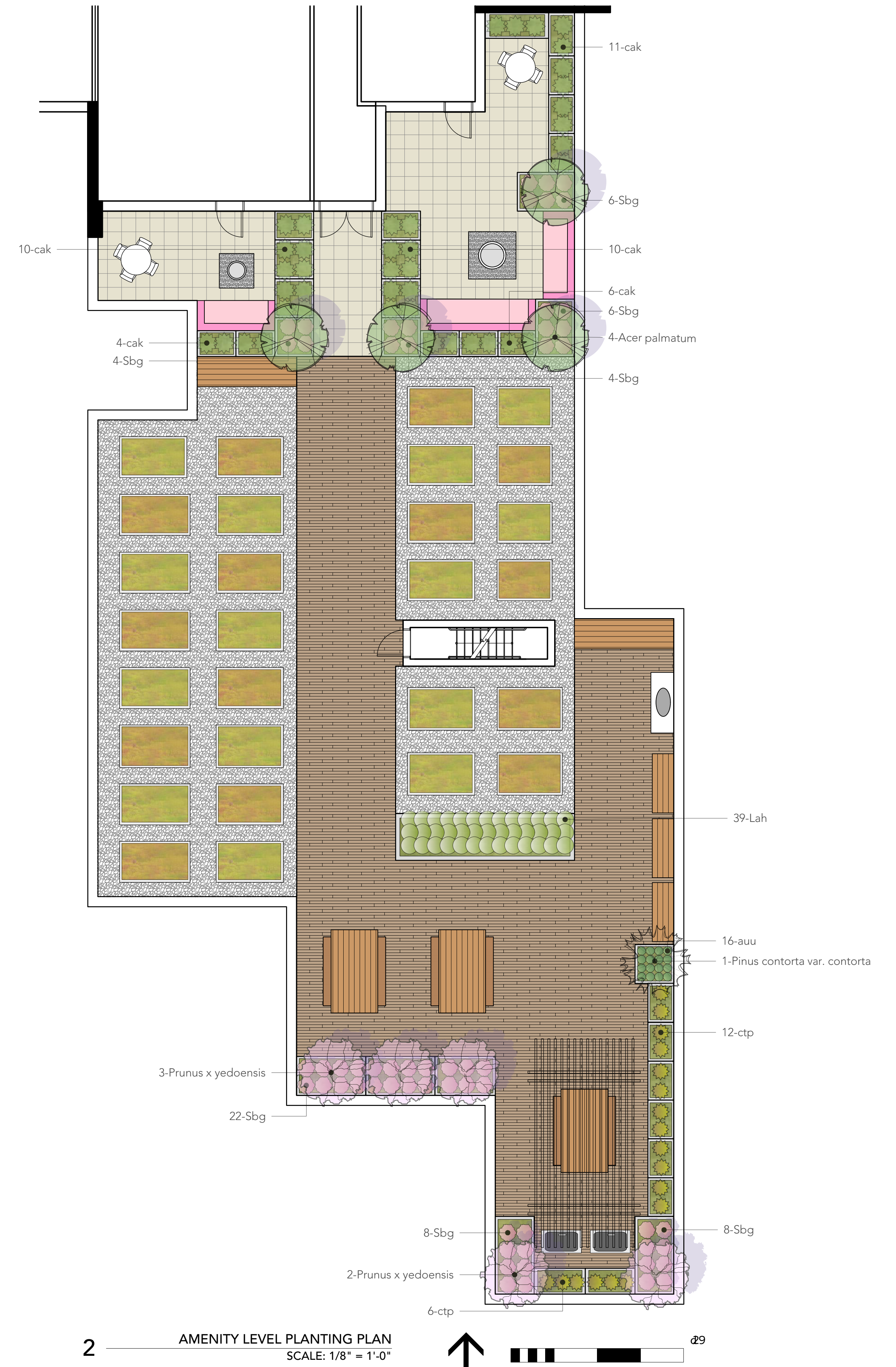
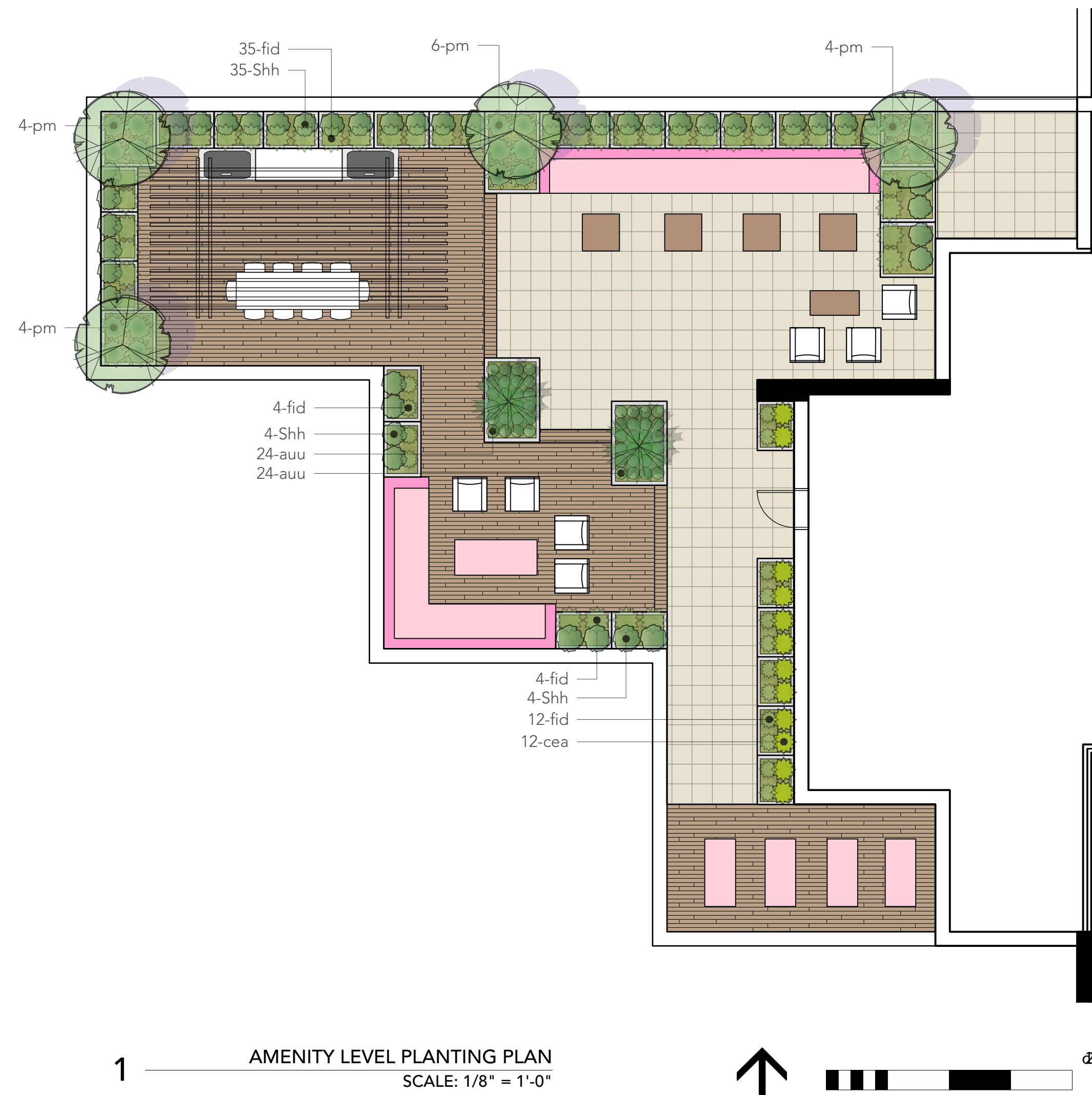
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W01: YWB-d 3WB d81 13d dW-904 1:



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PLANT SCHEDULE

Trees:

Quantity	ID	Latin Name	Common Name	Size	Spacing
13	SJ	Styrax japonicus	Japanese Snowbell Tree	6cm cal.	'as shown'
1	QP	Quercus palustris	Pin Oak	10cm cal.	'as shown'
33	PY	Prunus x yedoensis	Yoshino Cherry	6cm cal.	'as shown'
13	PA	Platanus acerifolia	London Planetree	8cm cal.	'as shown'
5	PC	Pinus contorta var. contorta	Shore Pine	4m HT	'as shown'
12	MF	Malus x Fusca	Pacific Crab Apple	6cm cal.	'as shown'
11	MAGs	Magnolia x soulangeana	Saucer Magnolia	6cm cal.	'as shown'
22	CJ	Cercidiphyllum japonicum	Katsura Tree	8cm cal.	'as shown'
9	ARM	Acer rubrum 'Morgan'	Morgan Red Maple	8cm cal.	'as shown'
19	Cmas	Acer palmatum	Japanese Maple	6cm cal.	'as shown'

TREES



Shrubs:

Quantity	ID	Latin Name	Common Name	Size	Spacing
35	Vov	Vaccinium ovatum	Evergreen Huckleberry	#1 Pot	450mm o.c.
236	Tmh	Taxus x media 'Hicksii'	Hick's Yew	1.25m HT	400mm o.c.
298	Sbg	Spiraea x bumalda 'Goldflame'	Goldflame Spirea	#3 Pot	600mm o.c.
382	Shh	Sarcococca hookeriana var. humilis	Himalayan Sweet Box	#2 Pot	600mm o.c.
18	Plu	Prunus lusitanica	Portugal Laurel	1.8m HT	600mm o.c.
1163	Gs	Gaultheria shallon	Salal	10cm Pot	300mm o.c.
37	Csk	Cornus sericea 'Kelsey'	Kelsey's Dwarf Red-Osier Dogwood	#2 Pot	600mm o.c.
410	Bxs	Buxus sempervirens	Common Boxwood, American Boxw	#3 Pot	300mm o.c.
212	Aj	Azalea japonica 'Hino White'	Hino White Azalea	#2 Pot	450mm o.c.
104	Au	Arbutus unedo 'Compacta'	Compact Strawberry Bush	#2 Pot	600mm o.c.

SHRUBS



Perennials/Grasses:

Quantity	ID	Latin Name	Common Name	Size	Spacing
49	bs	Blechnum spicant	Deer Fern	#2 Pot	400mm o.c.
70	ecs	Euphorbia characias subsp. wulfenii	Spurge	#2 Pot	600mm o.c.
236	fid	Festuca 'Idahoensis'	Idaho fescue	#1 pot	300mm o.c.
273	fxa	Fragaria x ananassa	Strawberry	#1 Pot	300mm o.c.
133	Lah	Lavandula angustifolia 'Hidcote'	Hidcote Lavender	#1 Pot	450mm o.c.
27	Ms	Miscanthus sinensis 'Morning Light'	Morning Light Maiden Grass	#2 pot	600mm o.c.
230	rfg	Rudbeckia fulgida 'Goldstrum'	Black-Eyed Susan	10cm Pot	300mm o.c.
54	Sbri	Sedum 'Autumn Joy'	Autumn Joy Stonecrop	#1 Pot	300mm o.c.

PERENNIALS/GRASSES



Ground Covers/Fern:

Quantity	ID	Latin Name	Common Name	Size	Spacing
377	pm	Polystichum munitium	Western Sword Fern	#3 Pot	600mm o.c.
128	auu	Arctostaphylos uva-ursi	Bearberry, Kinnikinnick	10cm Pot	300mm o.c.

Rain Garden:

Quantity	ID	Latin Name	Common Name	Size	Spacing
18	Eq	Equisetum hyemale	Scouring Rush Horsetail	#2 Pot	300mm o.c.
380	Je	Juncus effusus	Soft Common Rush	10cm Pot	300mm o.c.
378	Iv	Iris versicolor	Harlequin Blueflag	10cm Pot	300mm o.c.

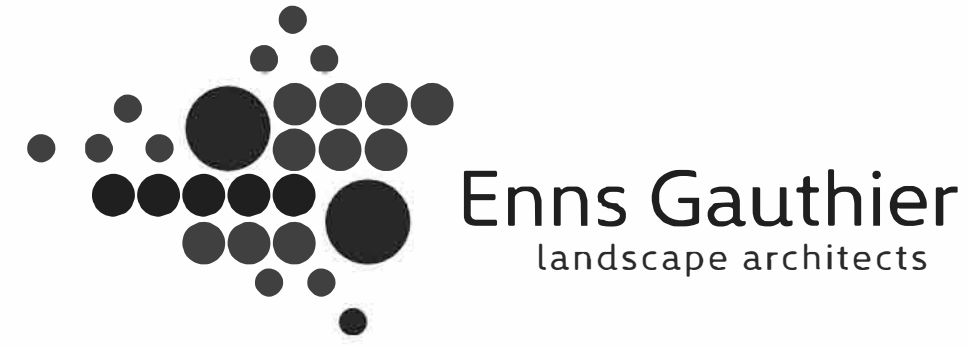
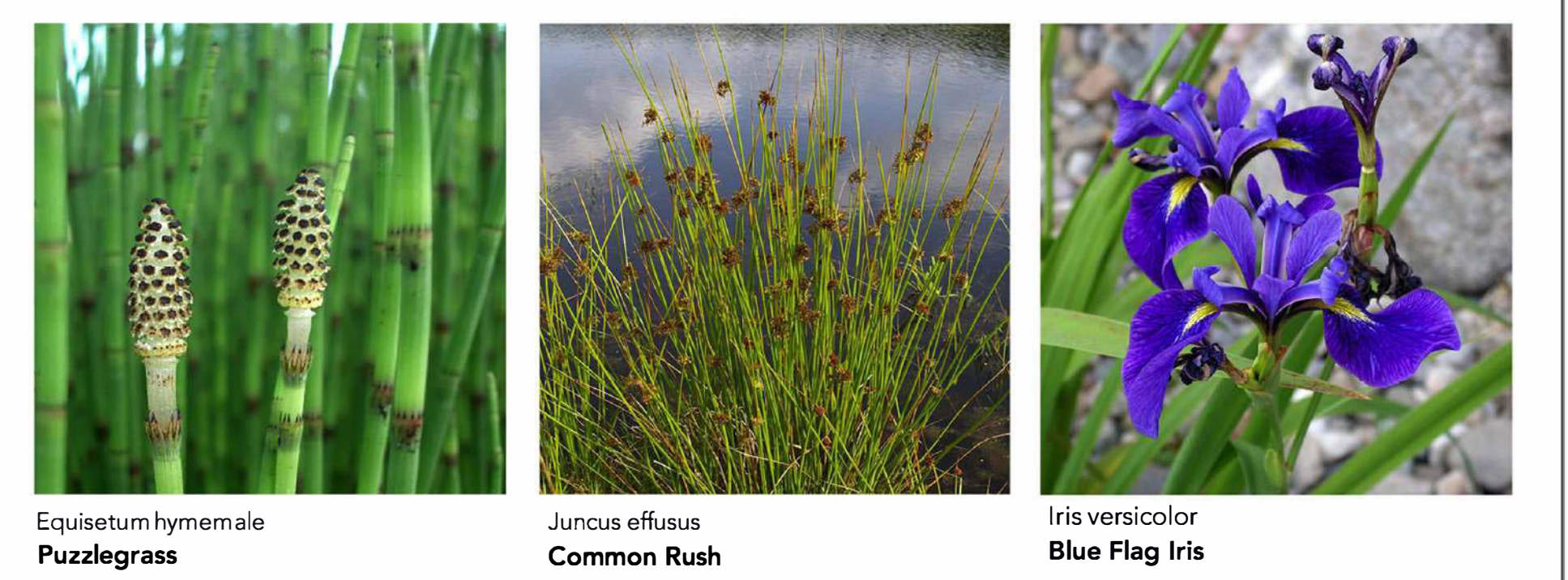
PERENNIALS/GRASSES



GROUNDCOVERS + FERNS



RAIN GARDEN



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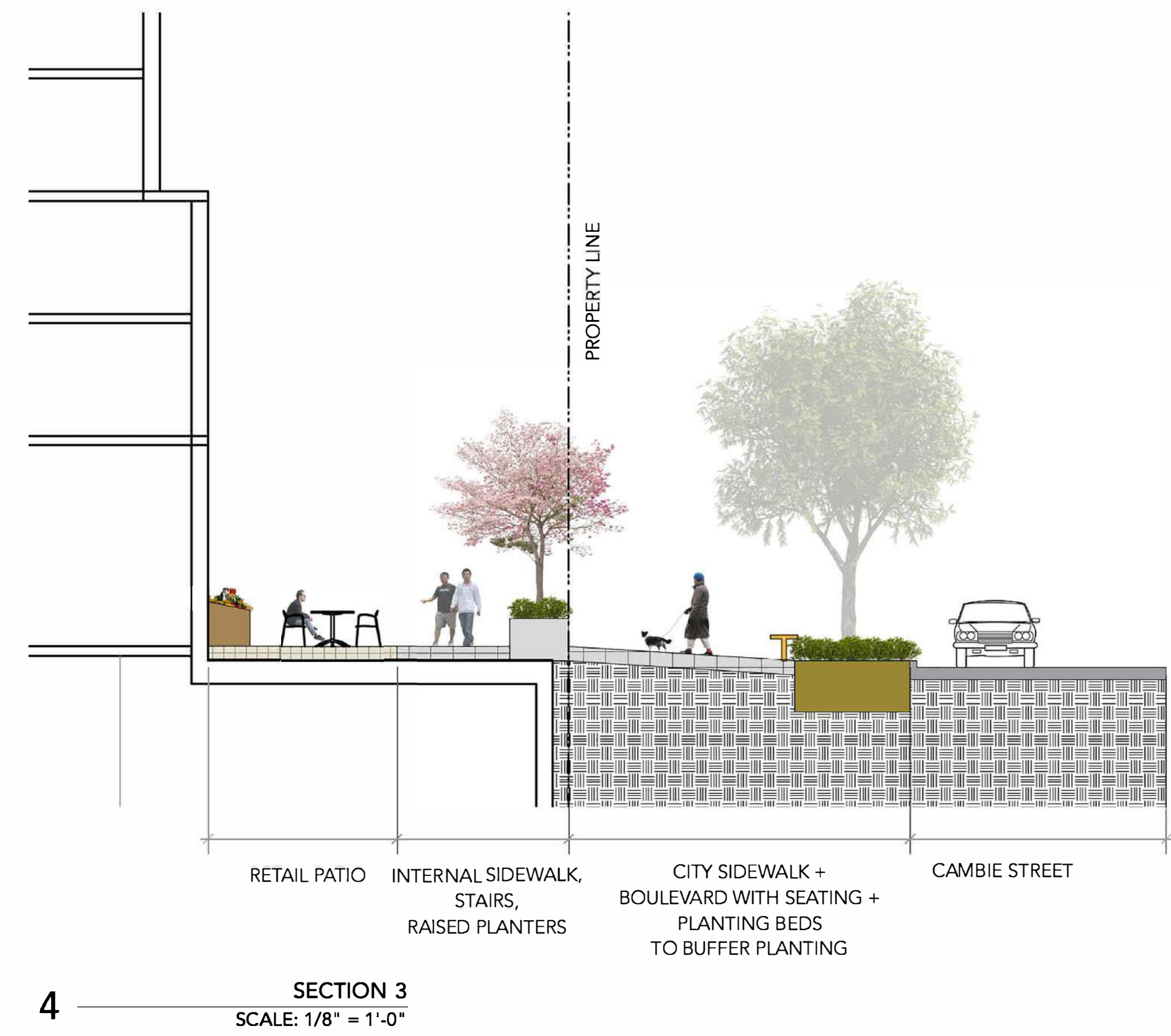
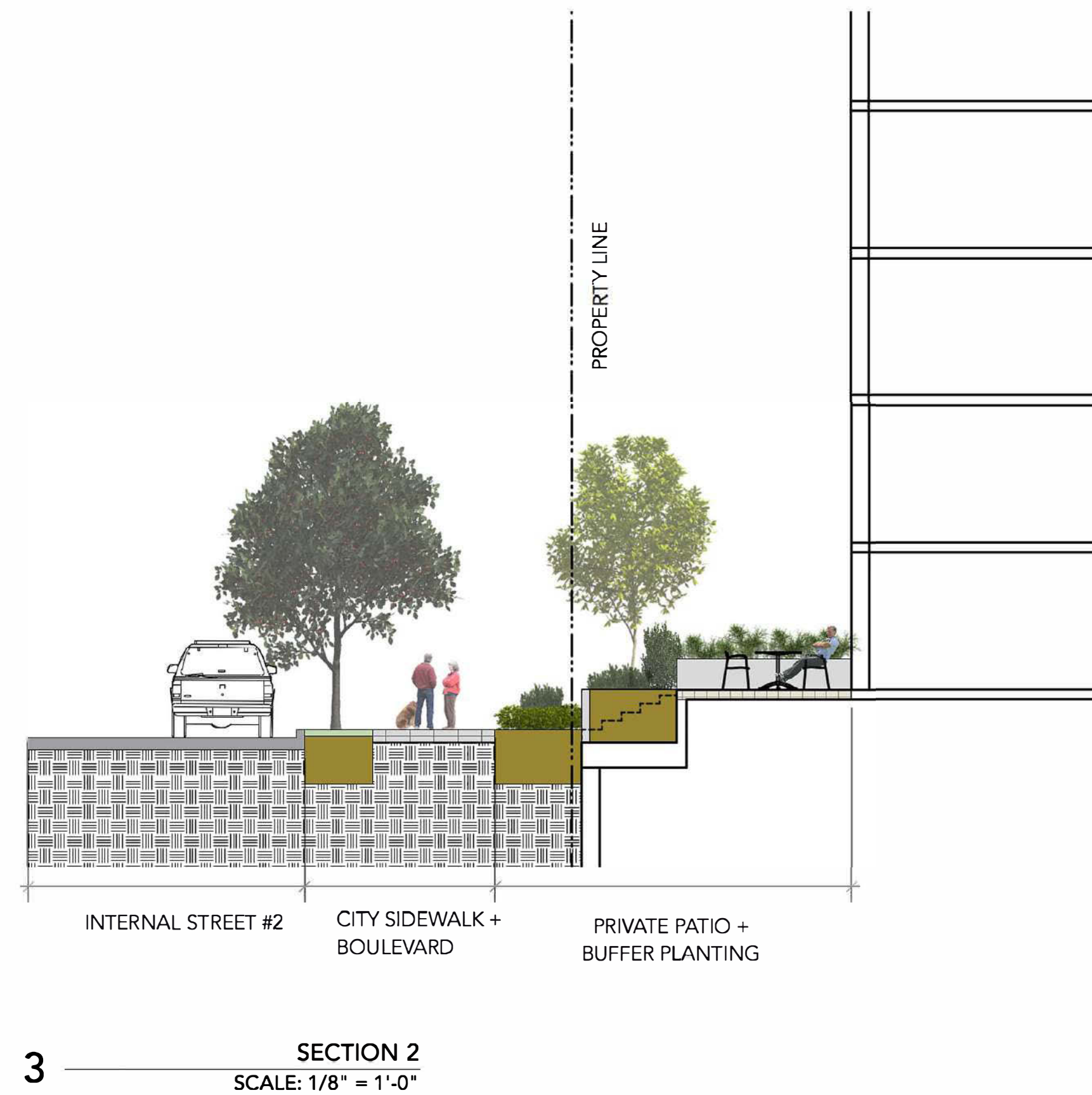
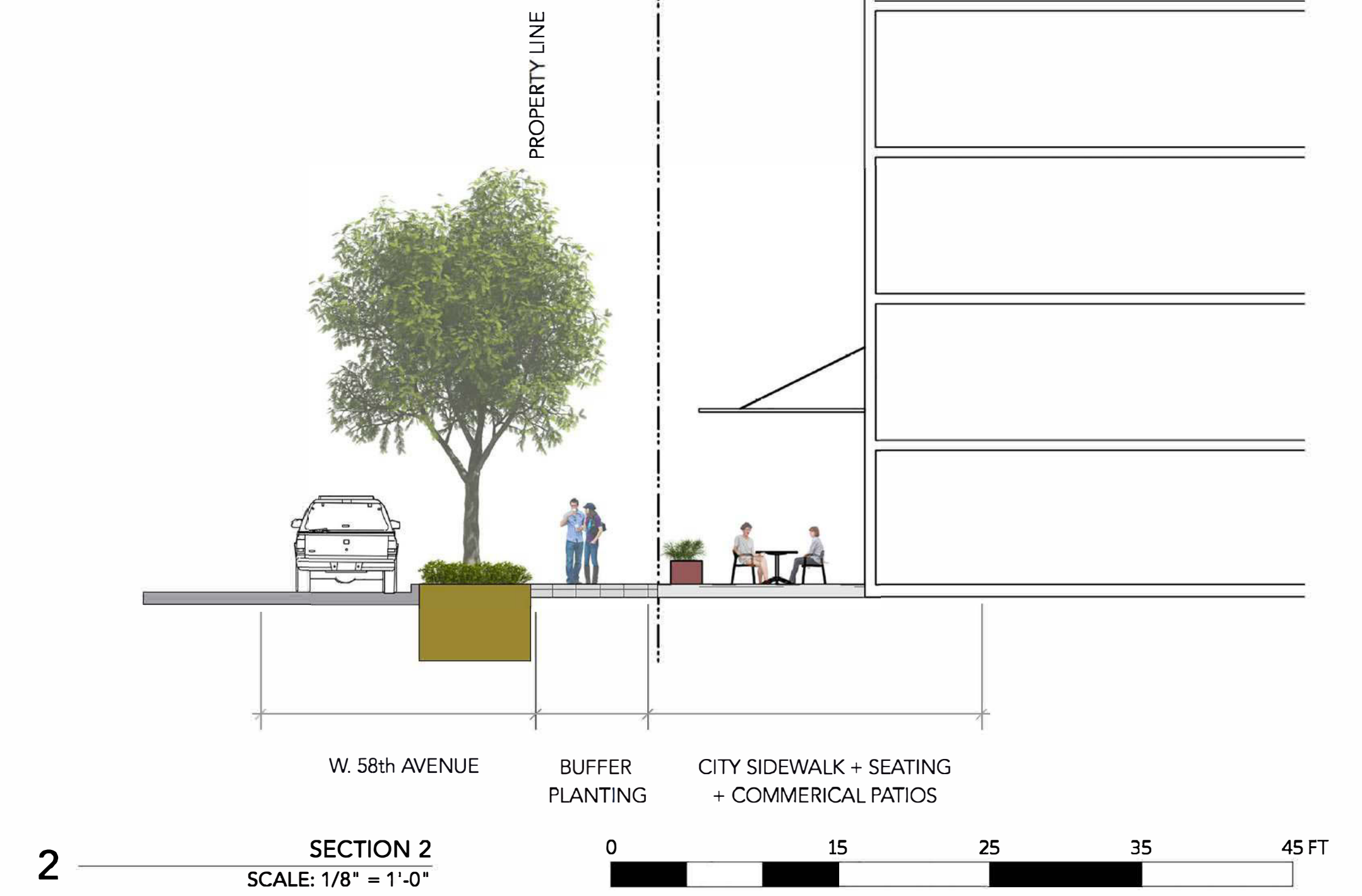
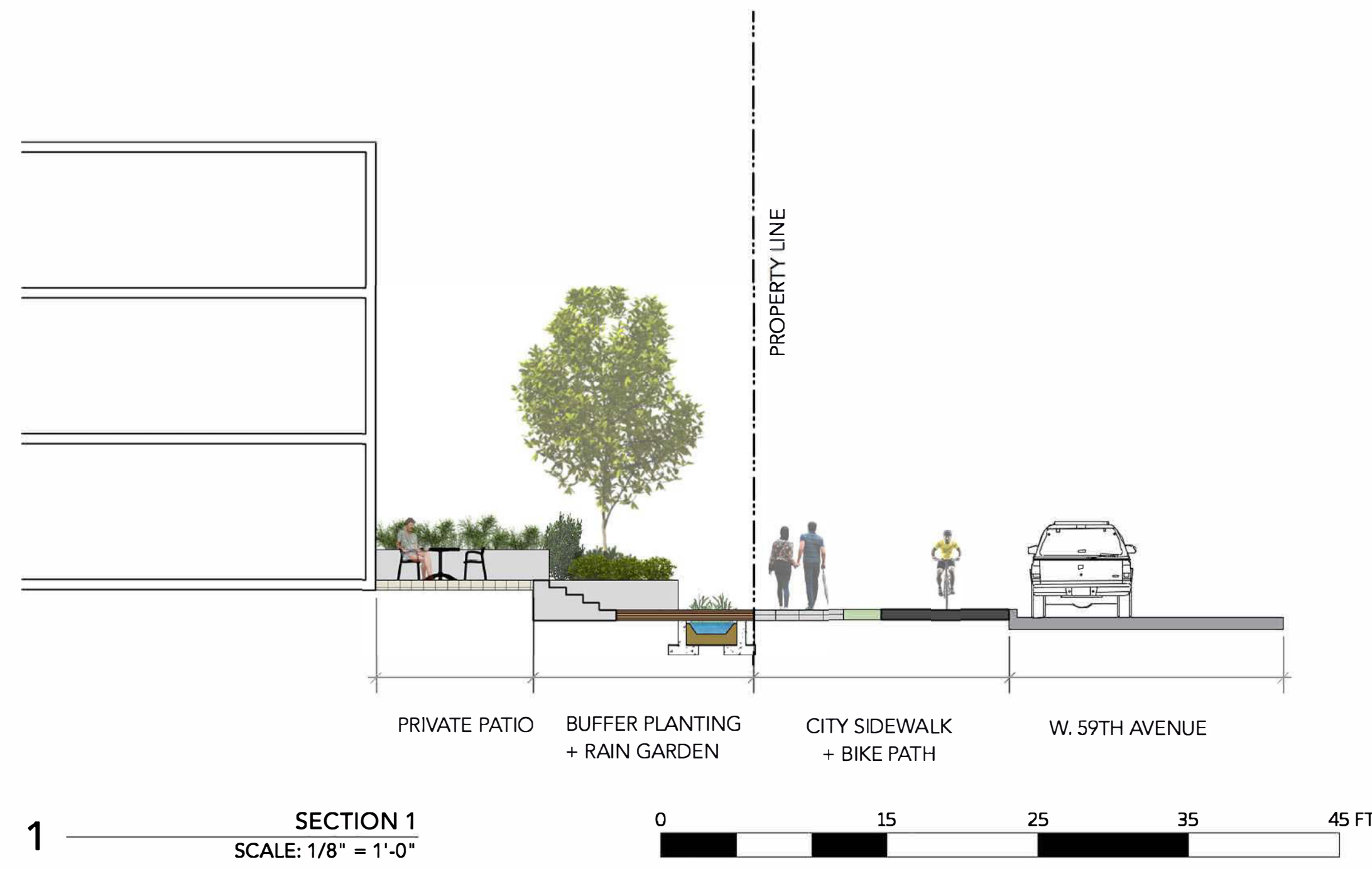
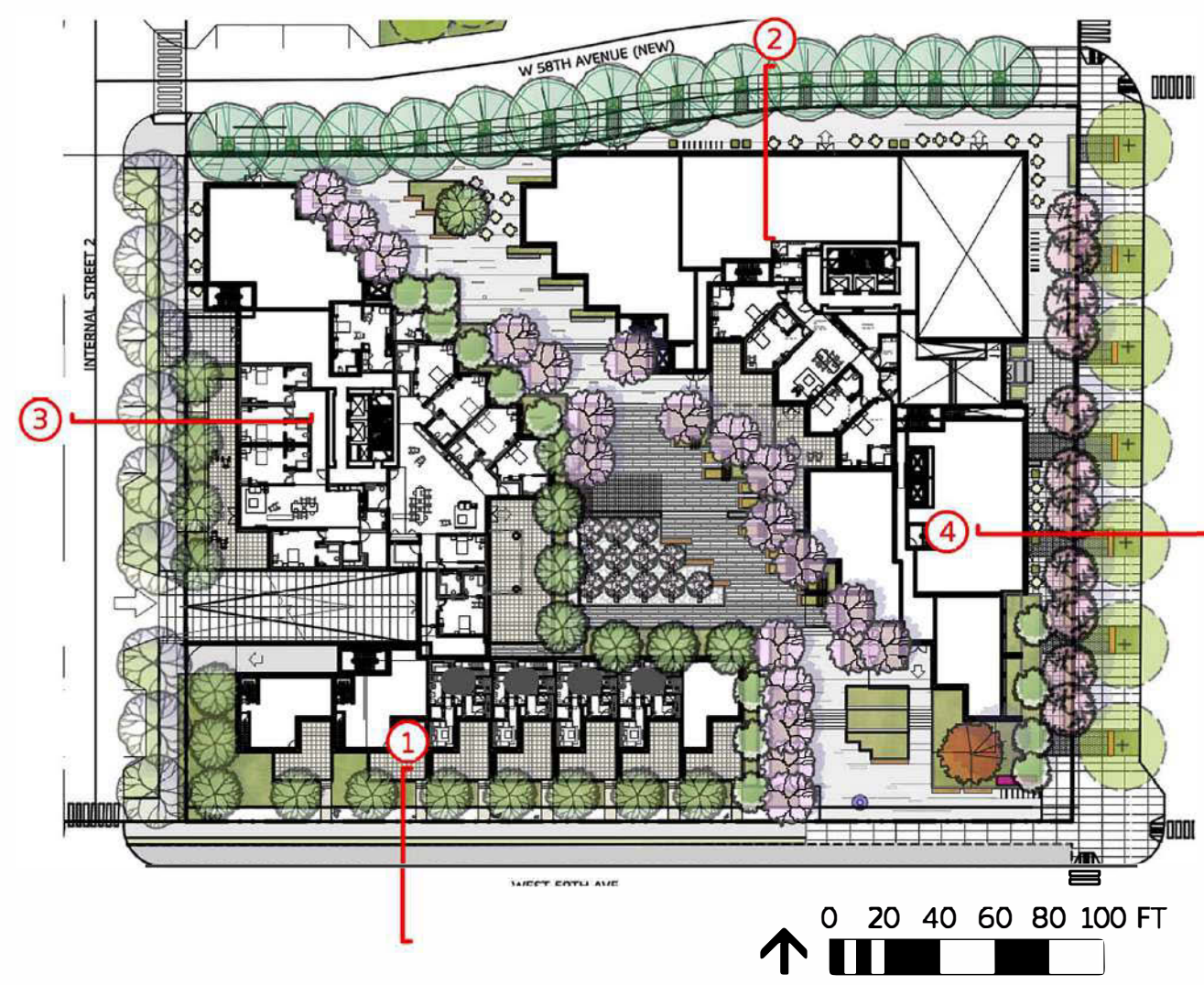
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L4.0

PLANT LIST + PRECEDENTS

KEY PLAN

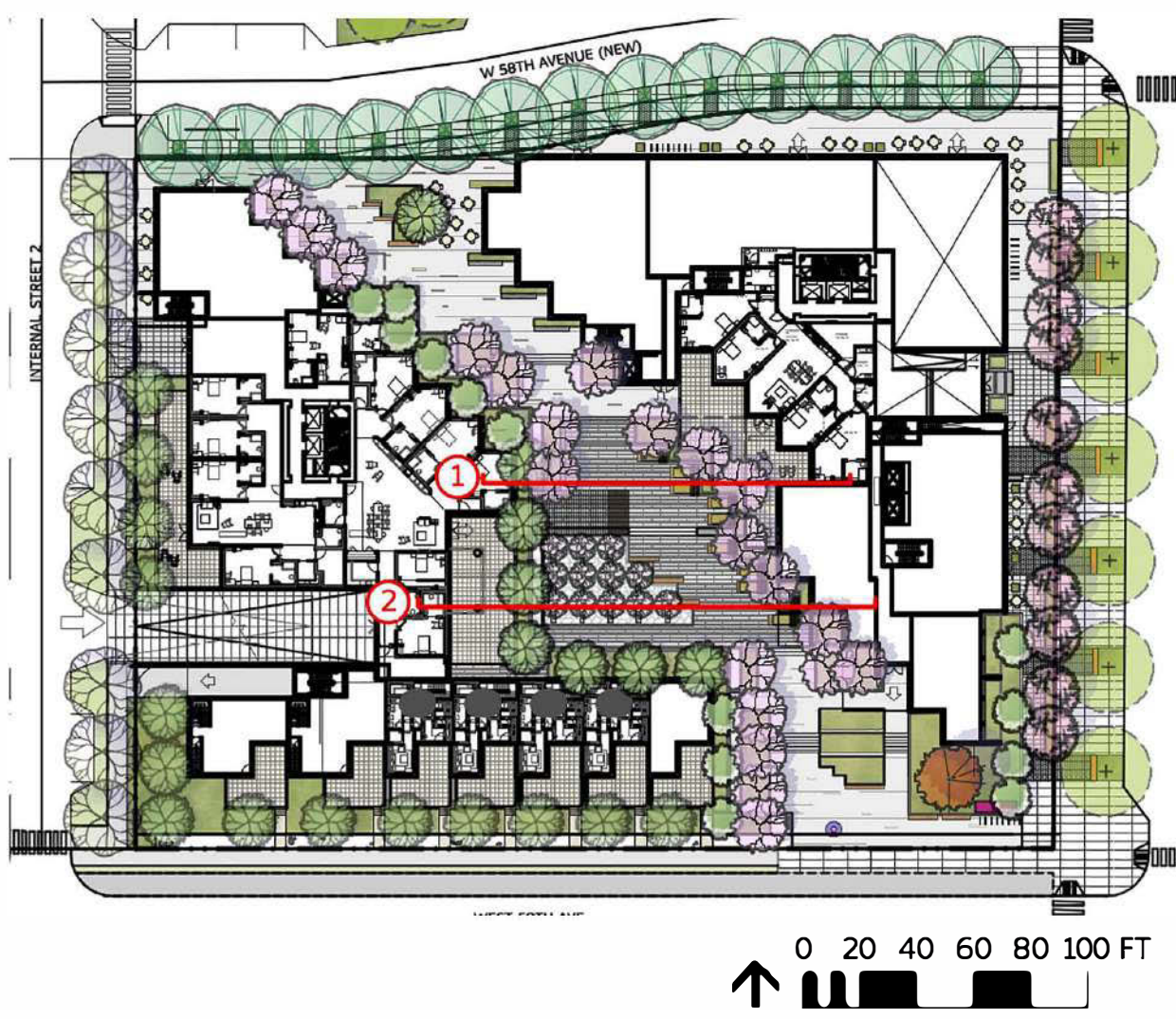


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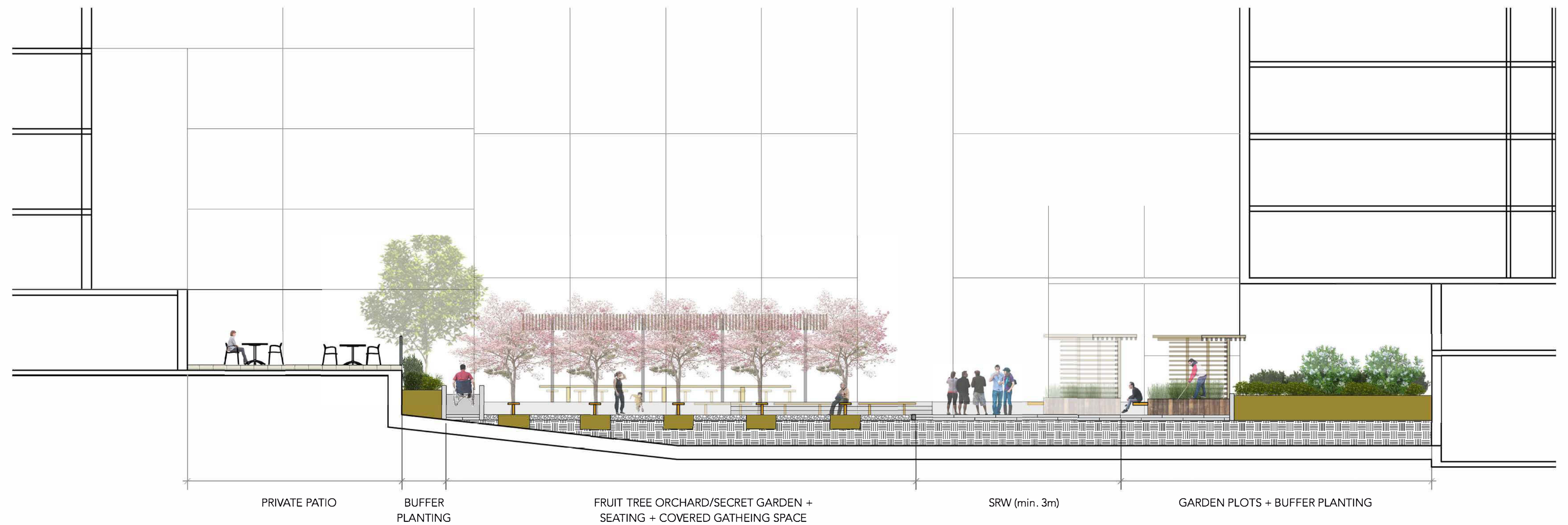
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L5.0
SECTIONS

KEY PLAN



1 SECTION 1
SCALE: 1/8" = 1'-0"



2 SECTION 1
SCALE: 1/8" = 1'-0"



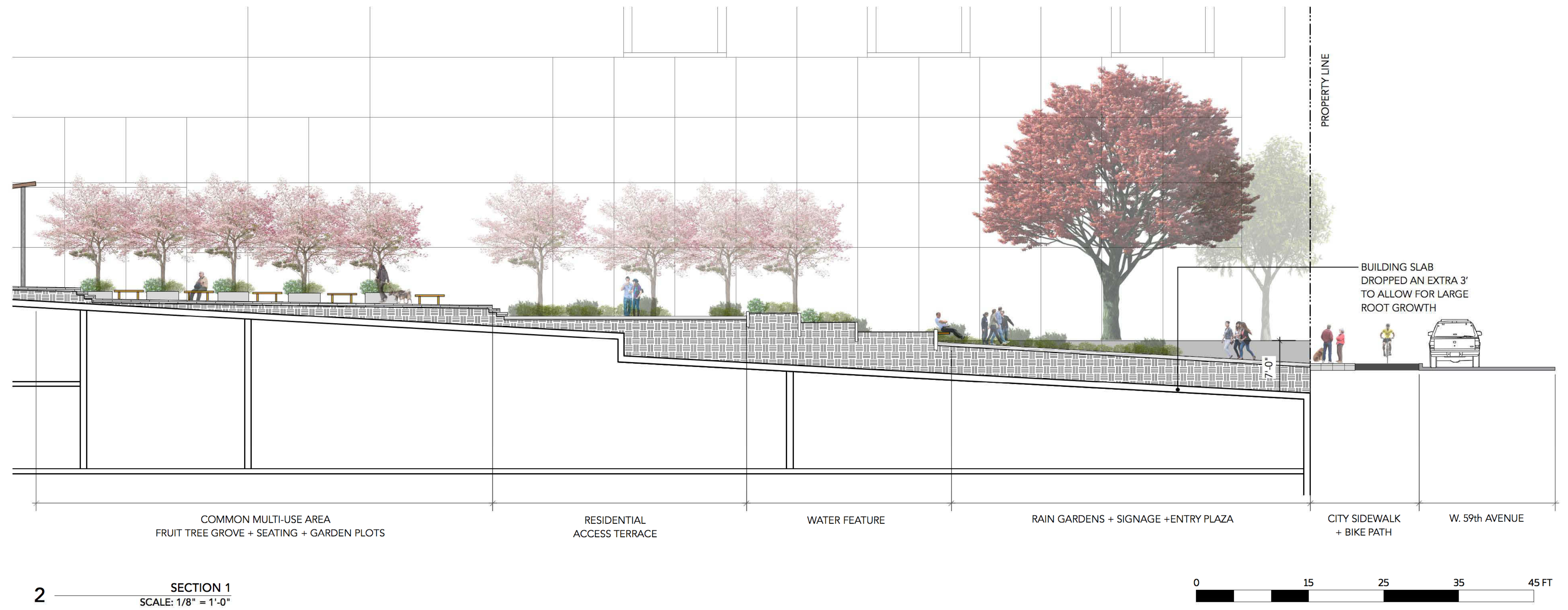
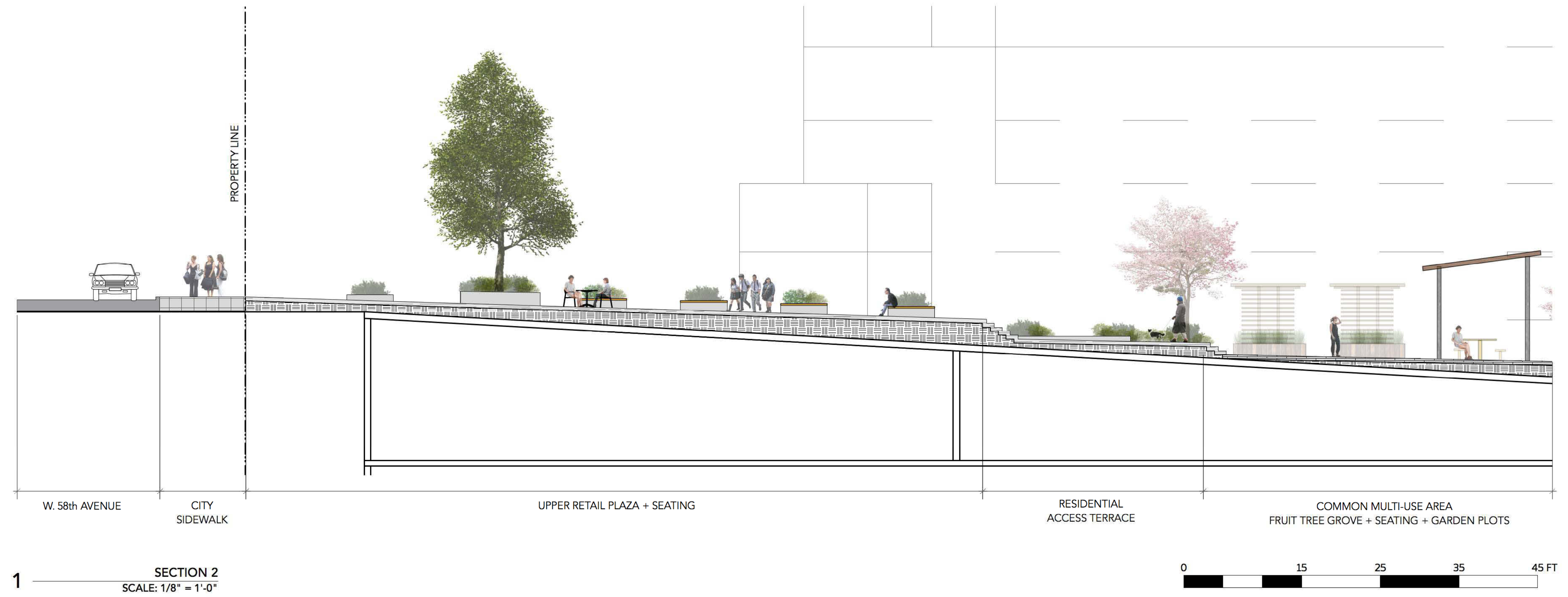
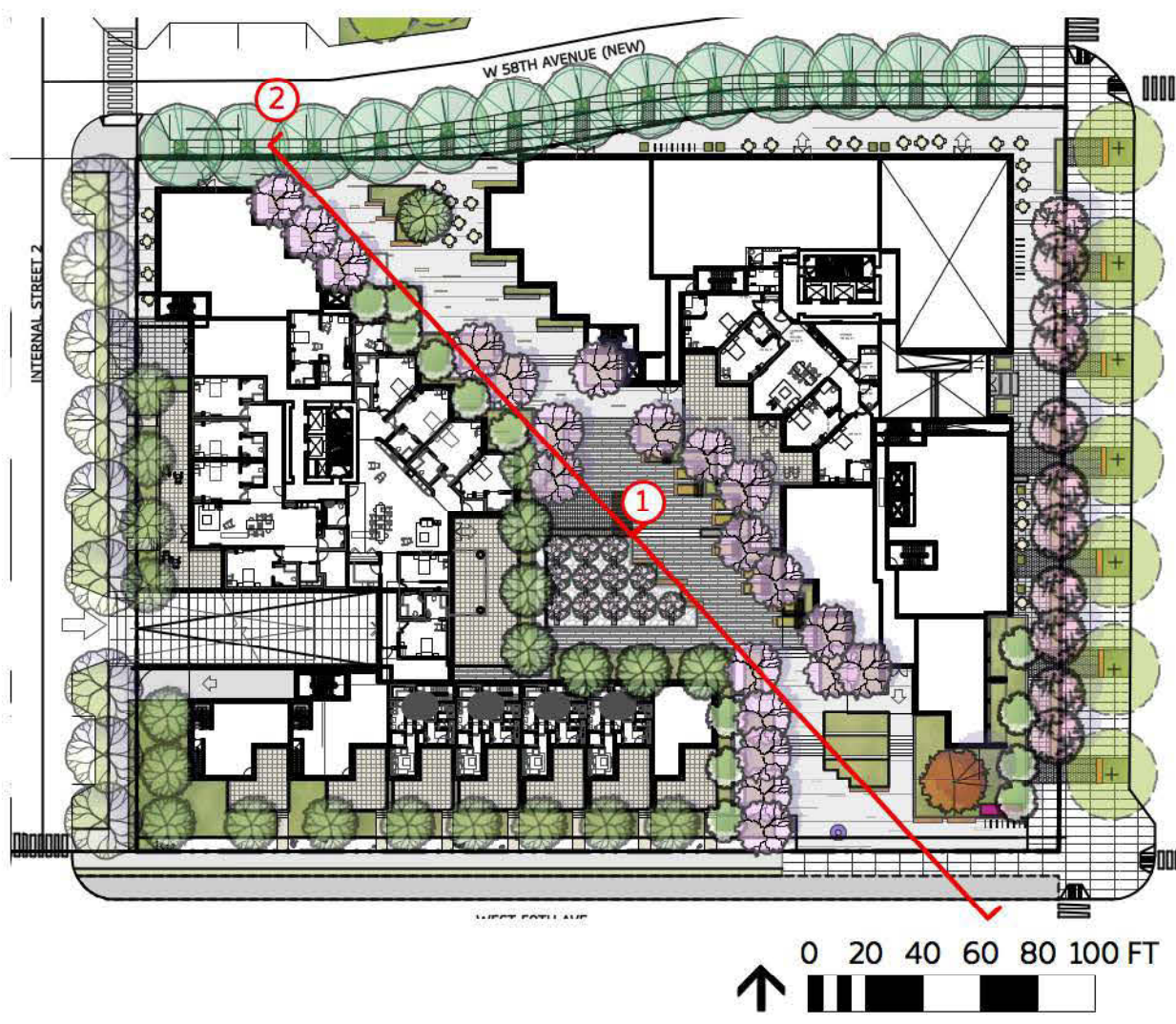
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L5.1
SECTIONS

KEY PLAN



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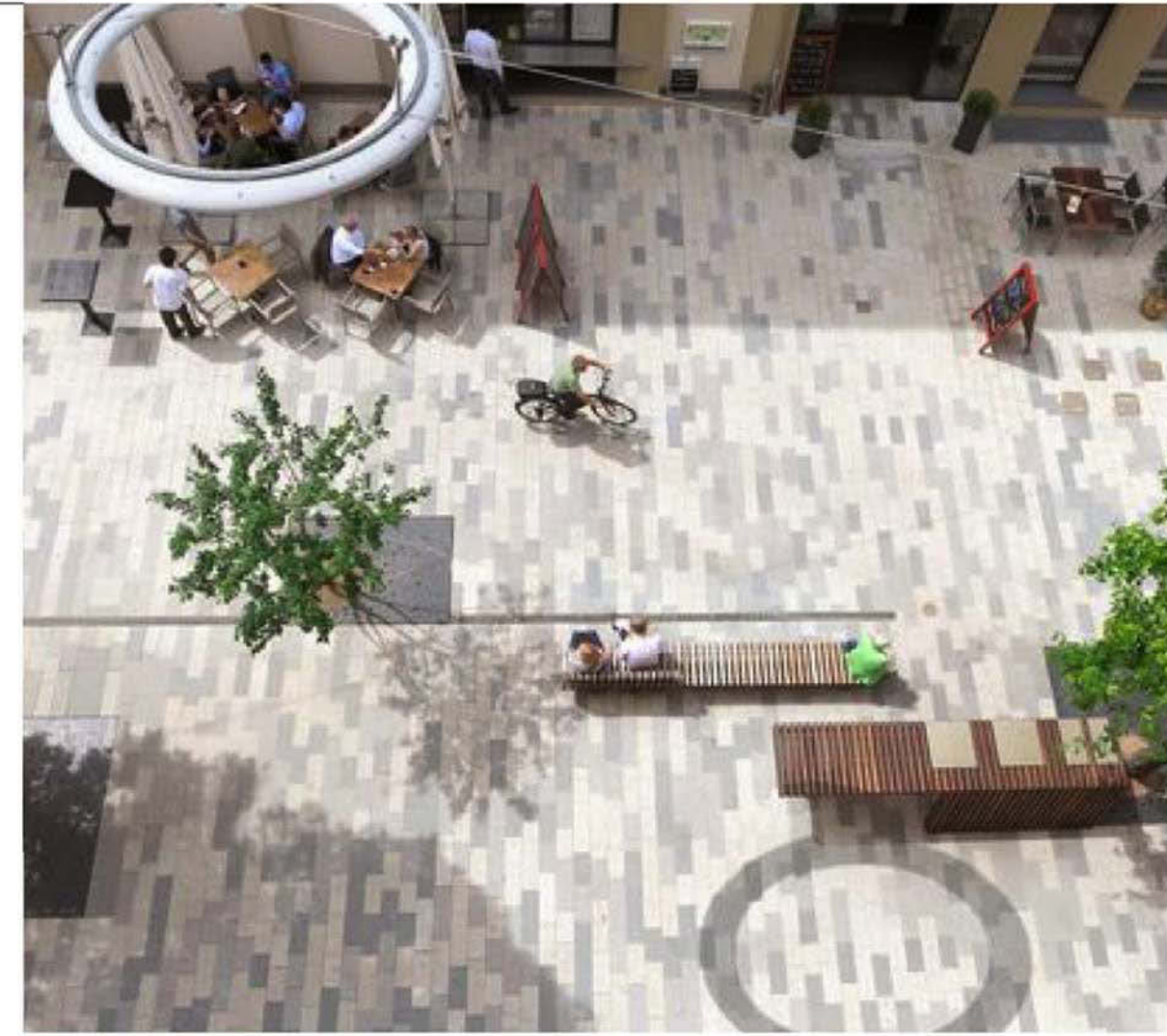
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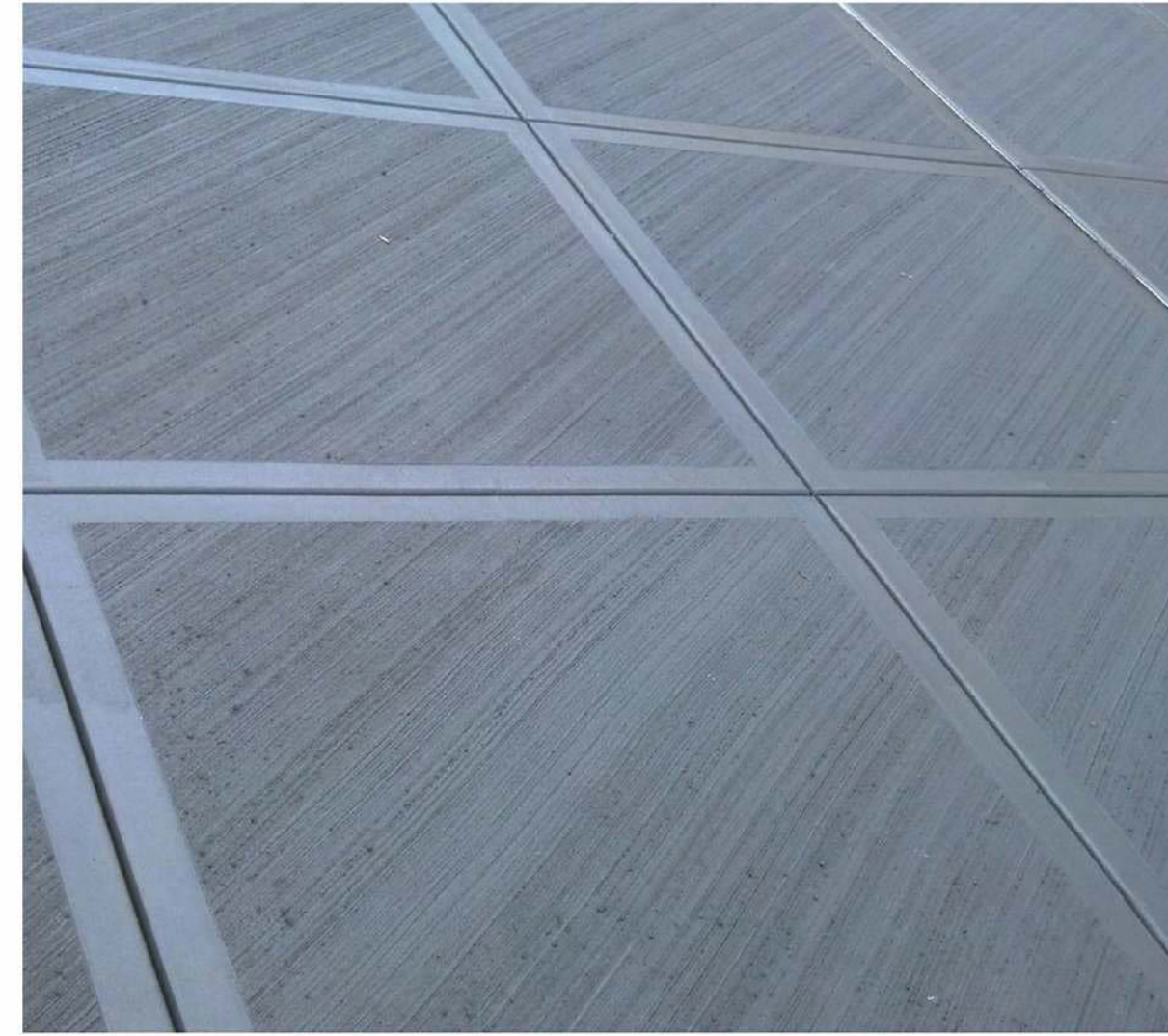
L5.2
SECTIONS



1 PAVING TYPE 1: ON/OFF SITE BANDING
L6.0 Grey Granite Setts



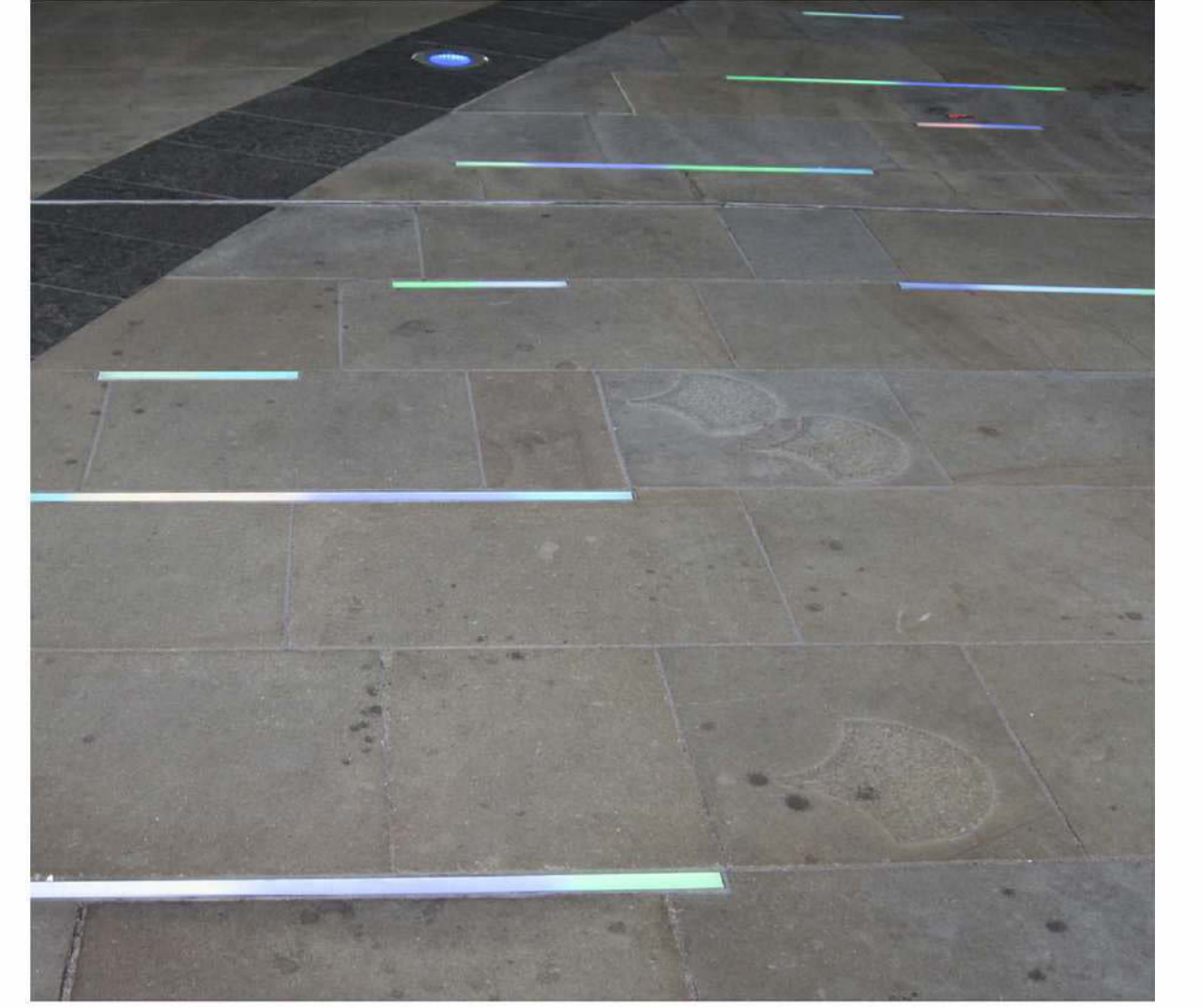
2 PAVING TYPE 2: OFFSITE RETAIL SIDEWALK
L6.0 Saw Cut CIP Concrete Paving



3 PAVING TYPE 3: OFFSITE SIDEWALK, TYP.
L6.0 CIP Concrete Paving CoV Standard



4 PAVING TYPE 4: SRW COMMUNAL AREAS
L6.0 Concrete Unit Pavers 12" X 18"



5 PAVING TYPE 5: NORTH/SOUTH PLAZA PAVING
L6.0 Porcelain Paving + Inset Lighting



6 PAVING TYPE 6: RETAIL PAVING ALONG CAMBIE/LOBBIES
L6.0 12" x 12" Porcelain Pavers TBD



7 PAVING TYPE 7: PRIVATE PATIOS
L6.0 12" x 12" Porcelain Pavers TBD



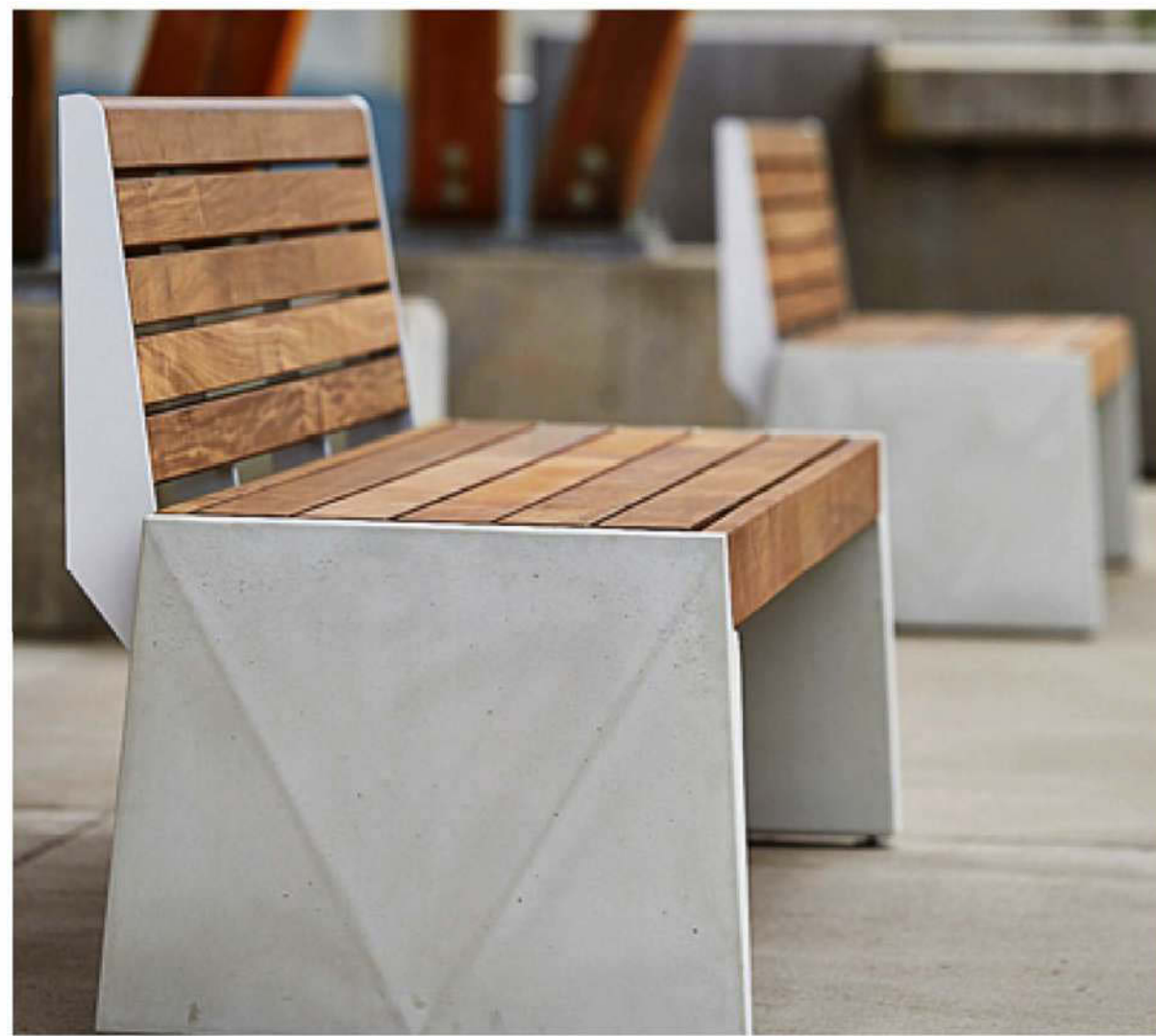
8 PAVING TYPE 8: 3/4" WASHED GRAVEL
L6.0 Fruit Trees/Orchard



9 CIP CONCRETE STAIRS
L6.0



10 IPE WOOD BENCH ON CONCRETE SEAT WALL
L6.0



11 FREE STANDING BENCH - LANDSCAPE FORMS
L6.0



12 FREE STANDING BENCH - CITY OF VANCOUVER STANDARD
L6.0



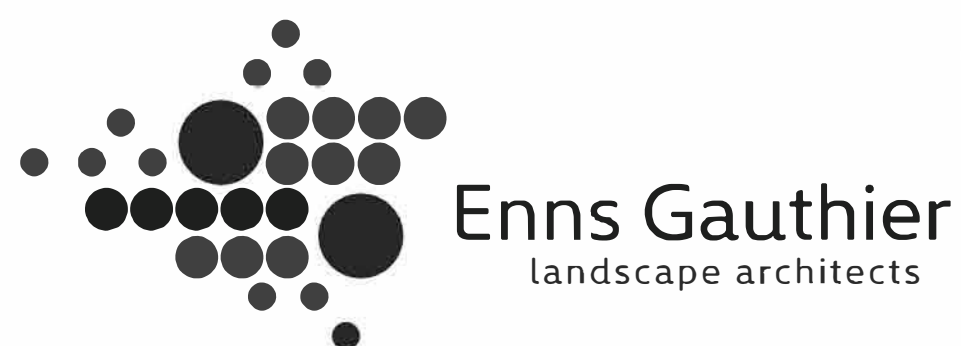
13 AGRICULTURAL PLANTER BOX WITH METAL CANTILEVERED SEAT
L6.0



14 SHRUB AREA
L6.0



15 SODDED BOULEVARD
L6.0



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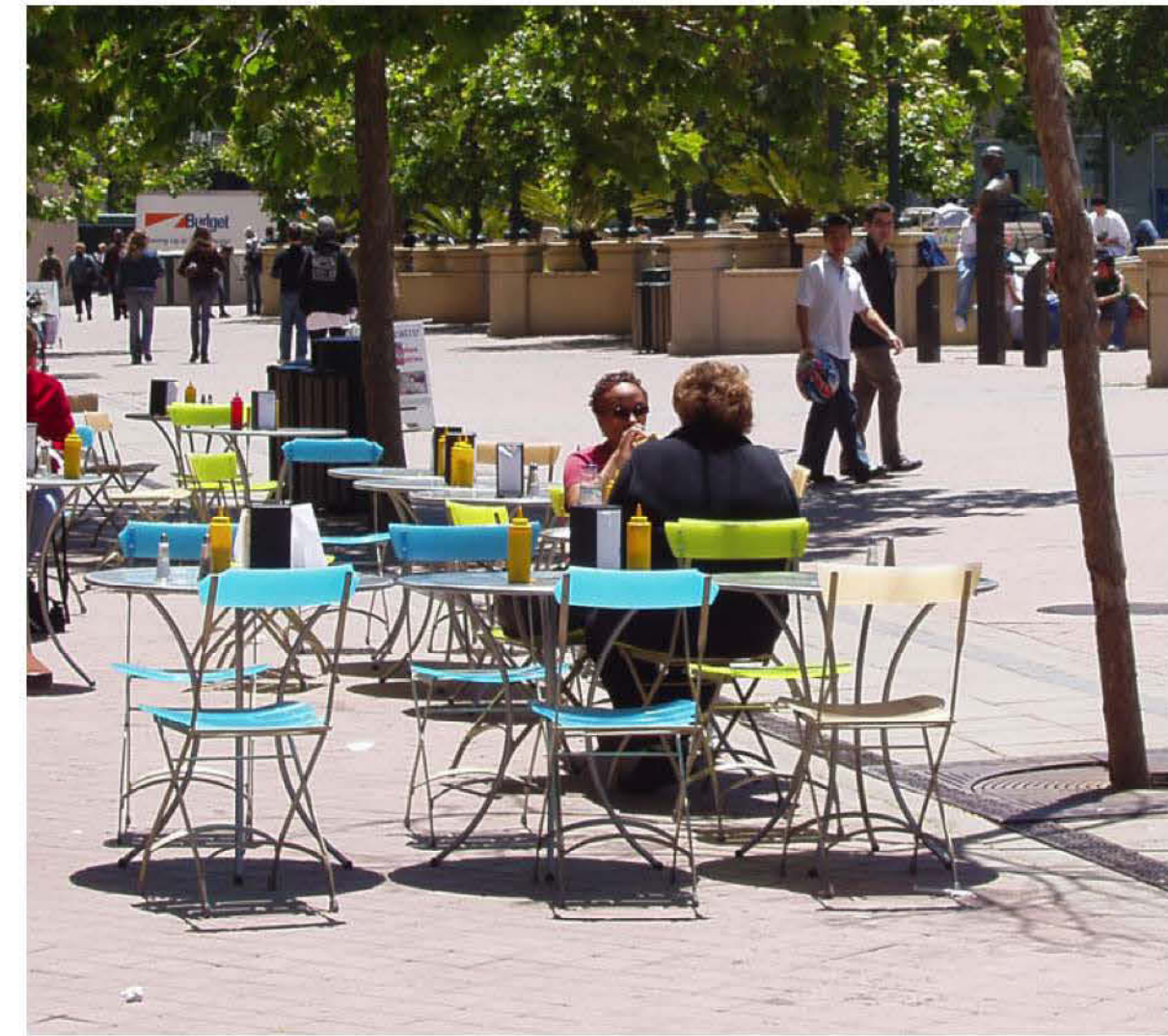
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L6.0
PRECEDENT IMAGES



1 RAIN GARDEN WITH CONCRETE RETAINING WALL
L6.1



2 CAFE STYLE SEATING AT PLAZAS
L6.1



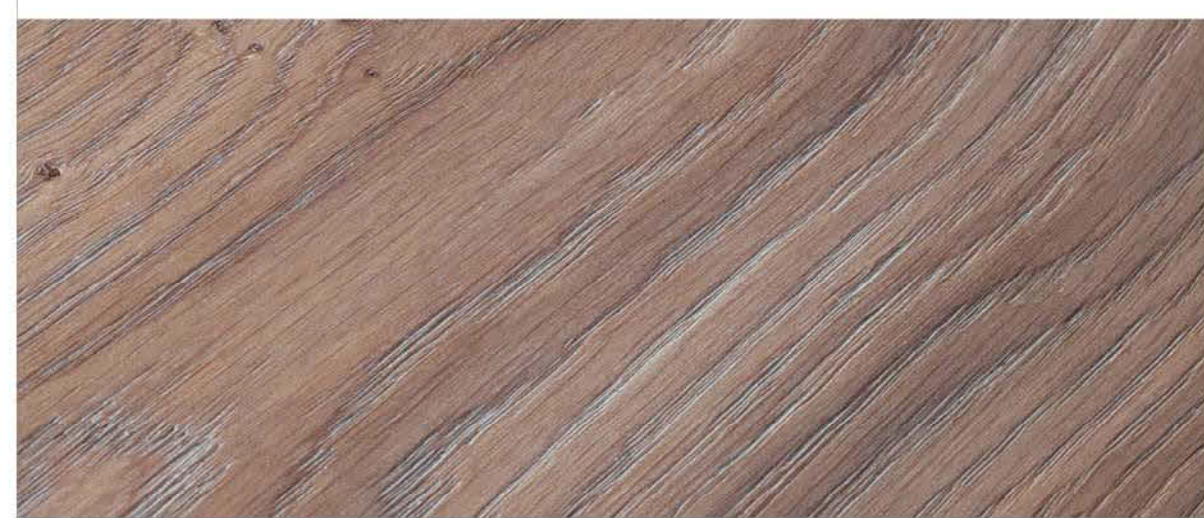
3 WOODEN TRELLIS WITH STEEL FRAME FOR SRW COMMUNAL AREA
L6.1



4 WAYFINDING SIGNAGE TBD
L6.1



5 SITE ENTRANCE ILLUMINATED SIGNAGE
L6.1



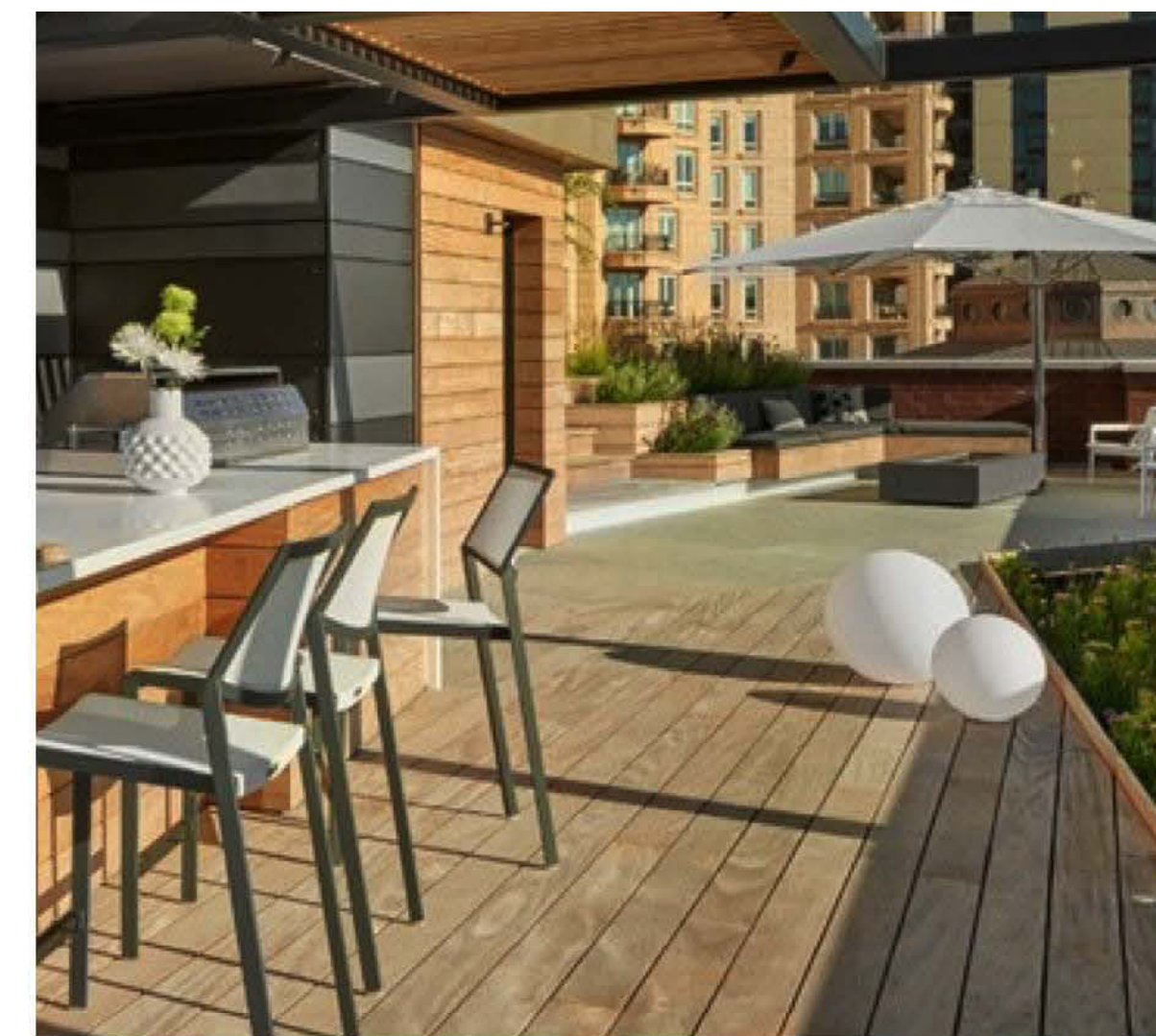
6 PAVING TYPE 9: Tile on Slab: Pavimento antideslizante URBATEK
L6.1



7 PAVING TYPE 10: PEA GRAVEL FOR KIDS PLAY AREA
L6.1



8 PAVING TYPE 11: CHILDRENS PLAY Rubber Play Surfacing
L6.1



9 PAVING TYPE 12: RAISED WOOD DECKING ON COMMUNAL ROOFTOPS
L6.1



10 ALL WEATHER FURNITURE - BY OWNER
L6.1



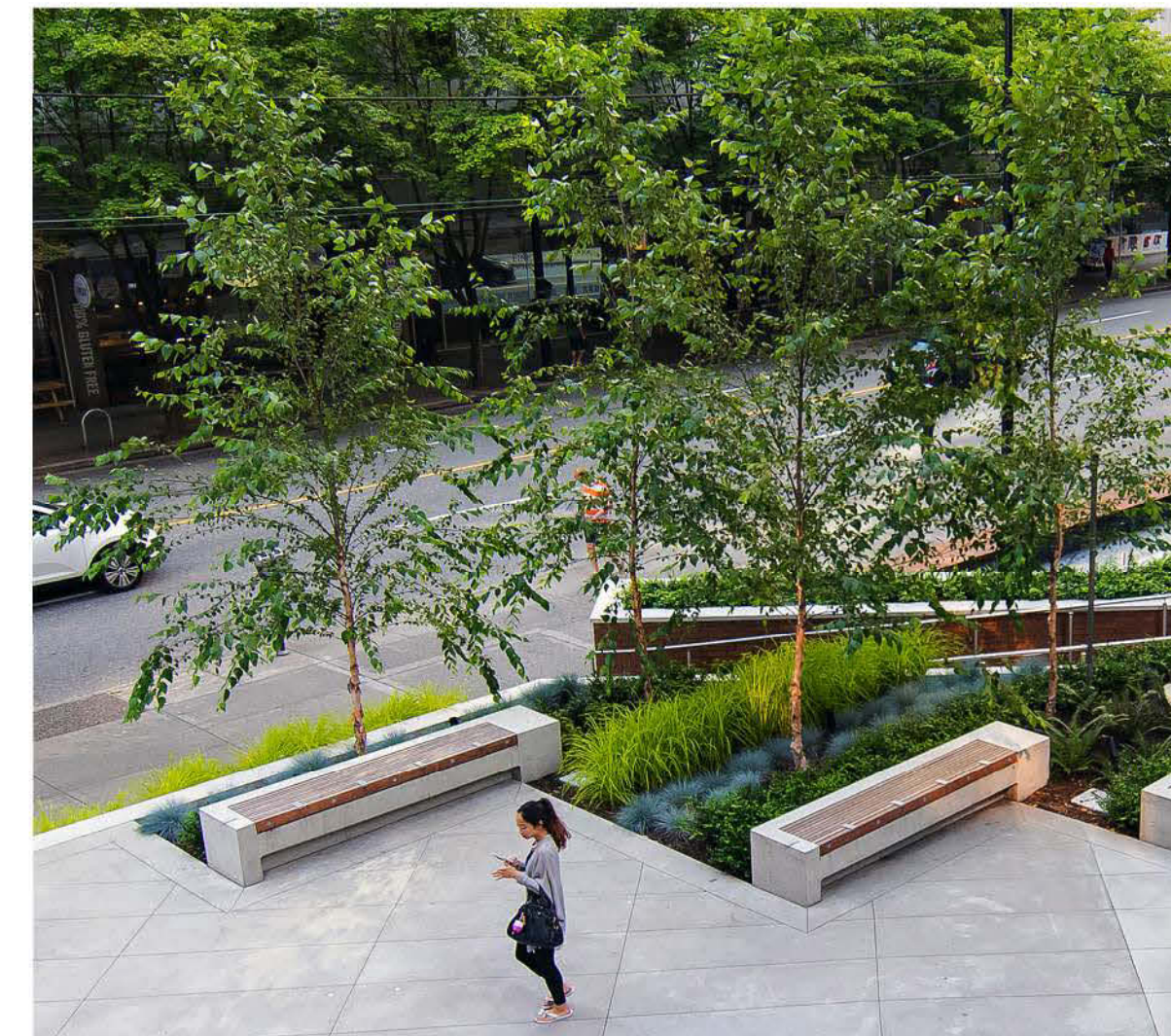
11 ALL WEATHER RECLINERS - BY OWNER
L6.1



12 BARBECUE - BY OWNER
L6.1



13 PLANTERS INSTALLED ON PAVERS - BY OWNER
L6.1



14 INSET CIP CONCRETE PLANTER
L6.1



15 BANQUET TABLE ON ROOFTOP PATIOS
L6.1



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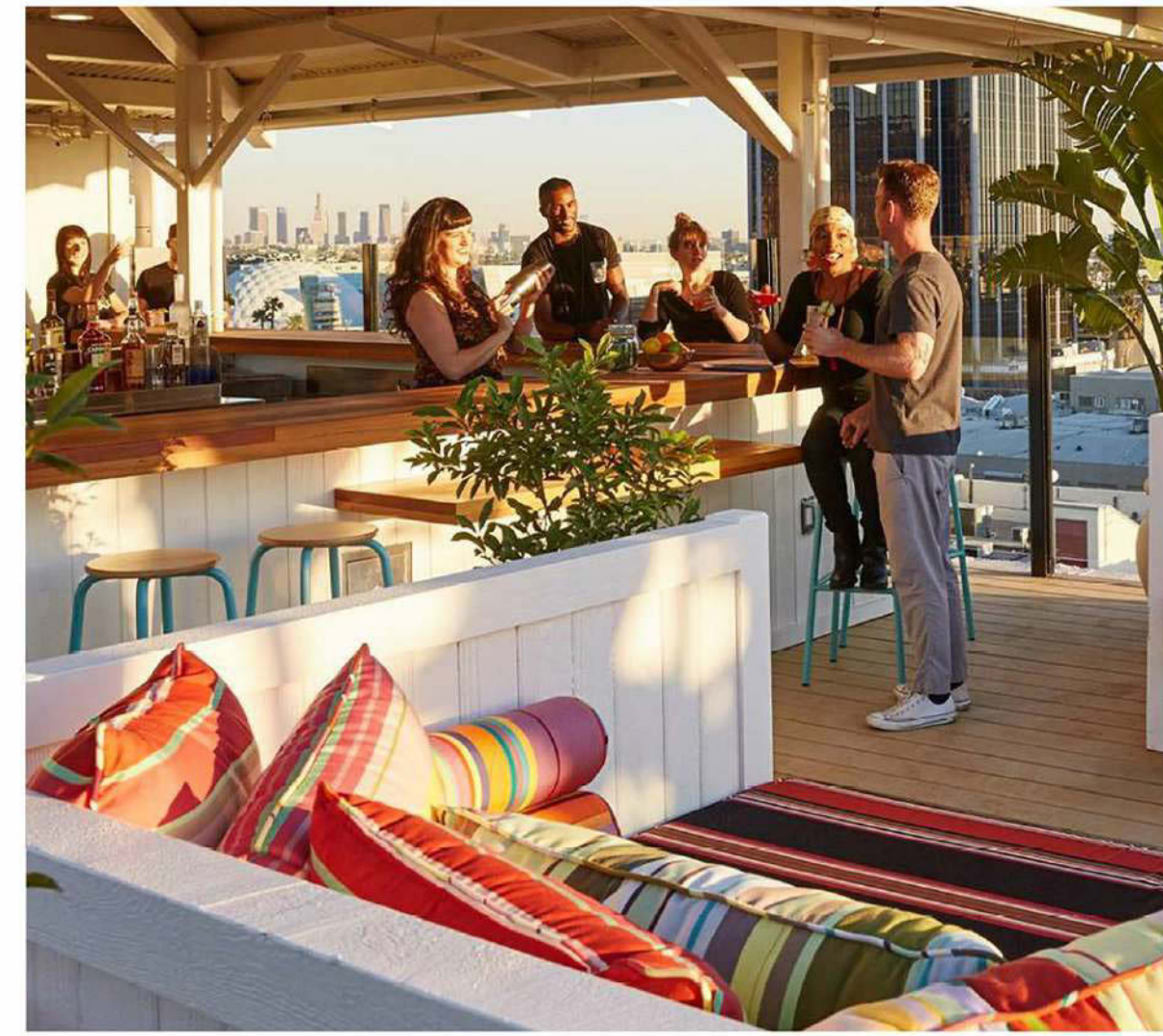
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L6.1
PRECEDENT IMAGES



1 FIRE PIT FOR ROOFTOP LOUNGE AREAS
L6.2



2 BAR STOOL SEATING WITH TABLE FOR ROOFTOP COMMUNAL AREAS
L6.2



3 LOUNGE CHAIRS WITH TABL ON ROOFTOPS -TBD BY OWNER
L6.2



6 AGRICULTURAL PLOTS ON LEVEL 2 AND LEVEL 8 - RAISED 24"
L6.2



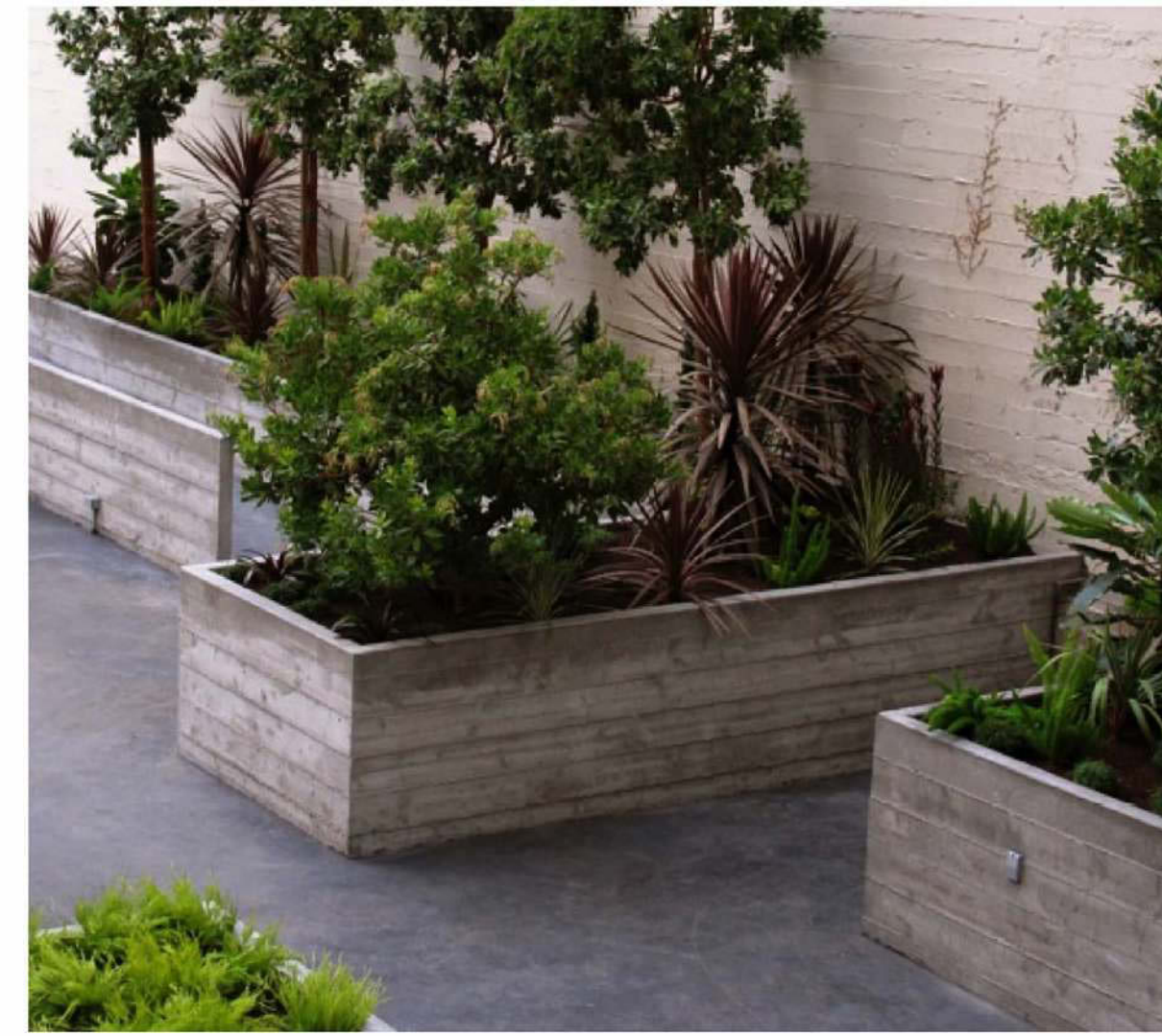
4 MIXING TABLE - BY OWNER
L6.2



5 STEPPING BOULDERS FOR KIDS PLAY AREA
L6.2



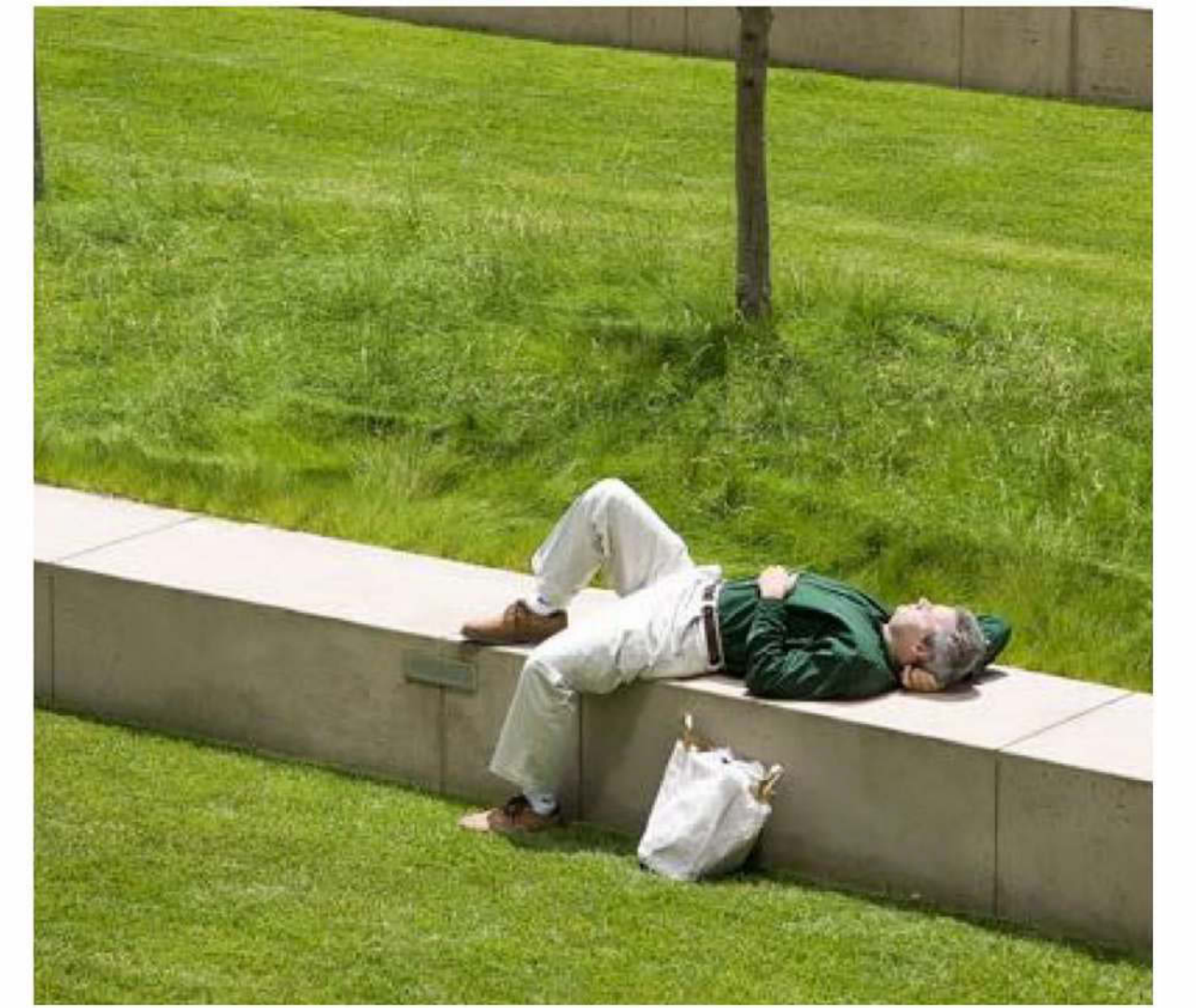
7 ART STICKS FOR KIDS PLAY AREA
L6.2



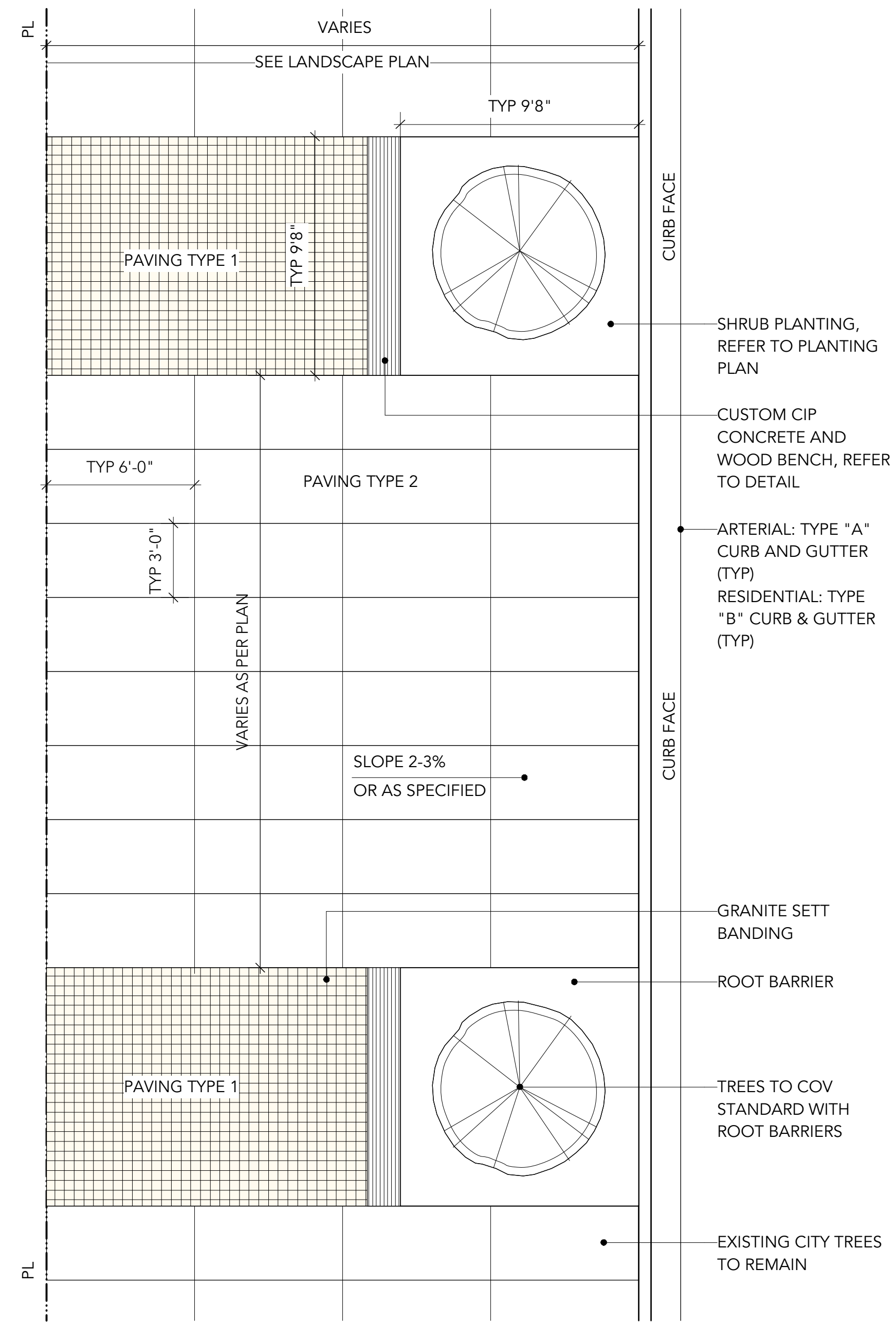
8 BOARD FORM CIP CONCRETE WALL
L6.2



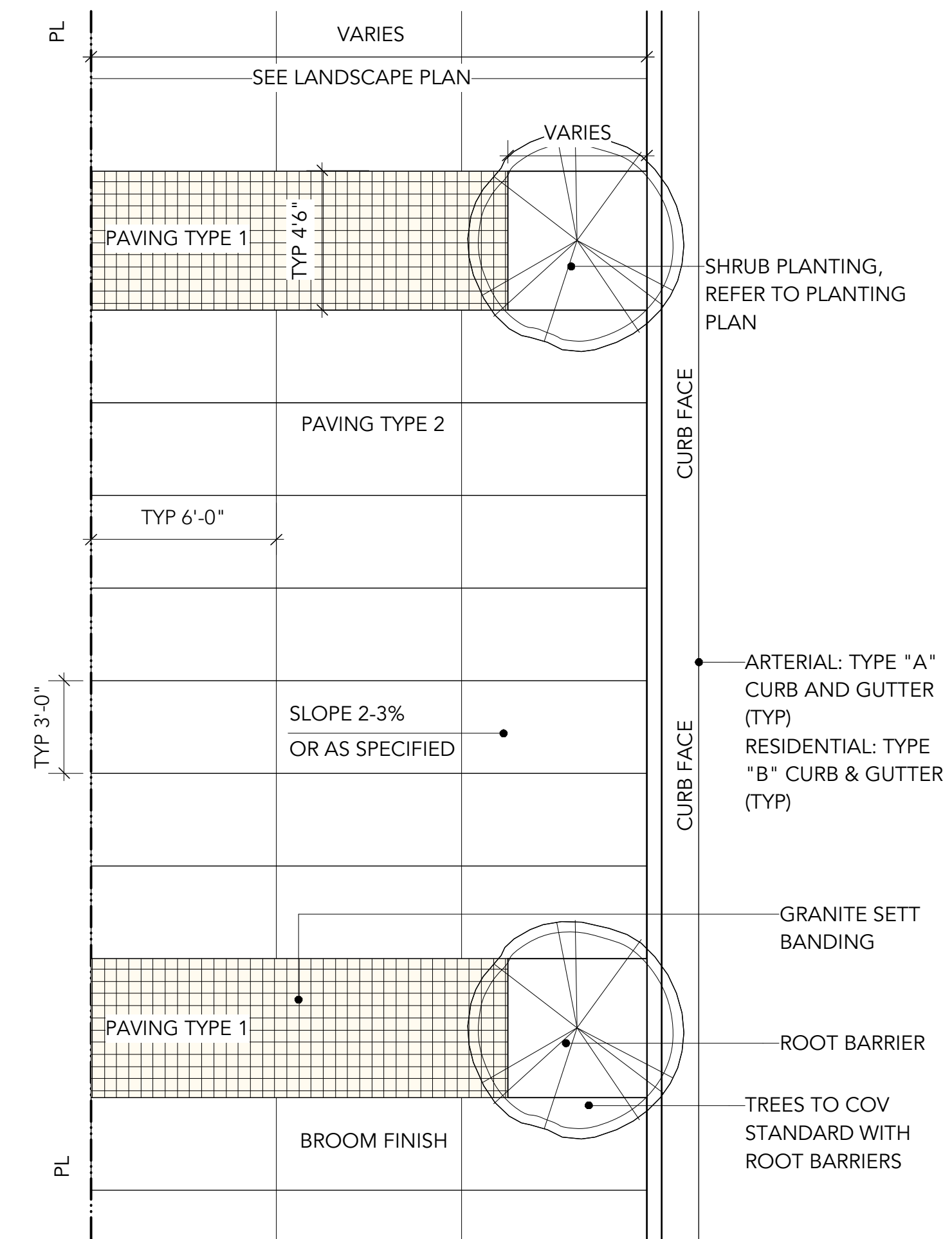
9 STONE CLAD CIP CONCRETE WALL
L6.2



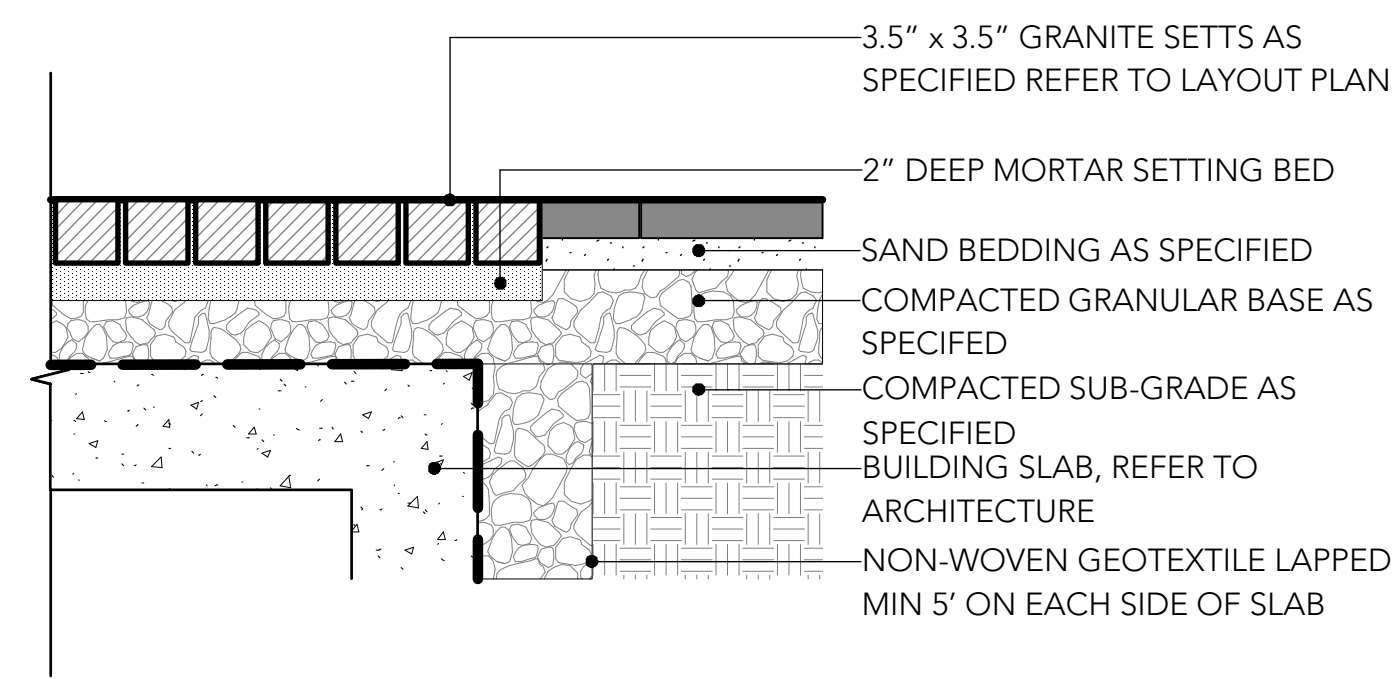
10 ARCHITECTURAL FINISH CIP CONCRETE WALL
L6.2



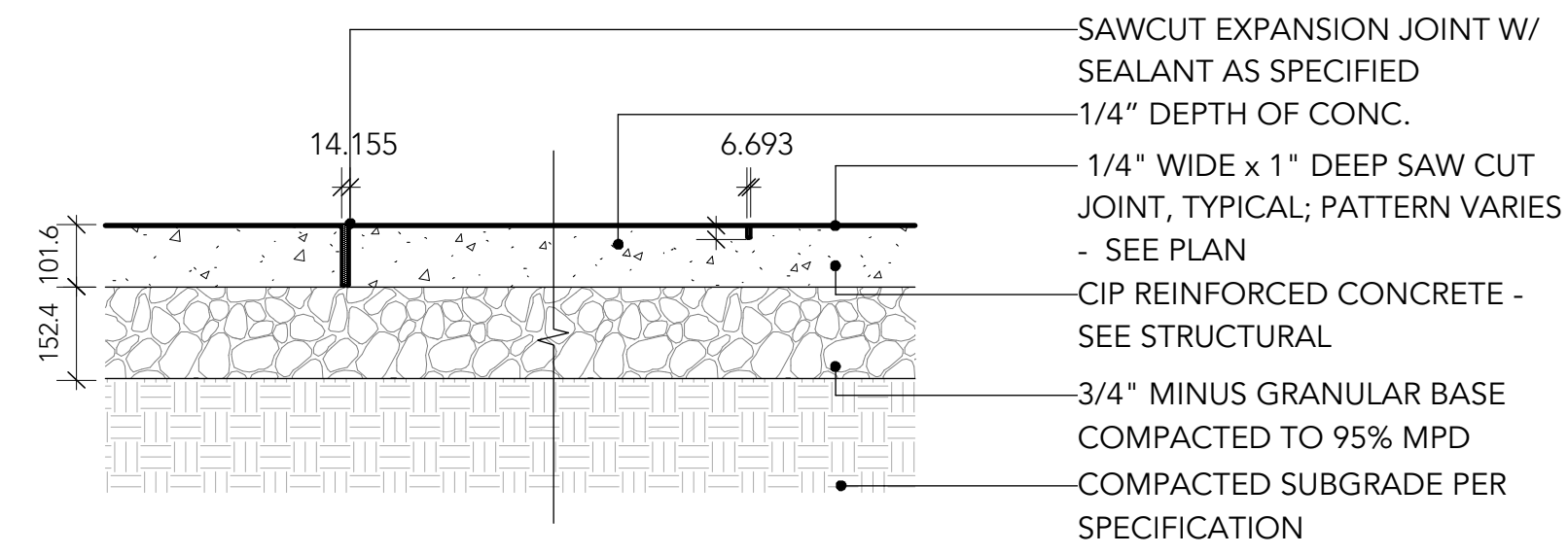
1 ————— CAMBIE STREET OFFSITE PAVING
1/4" = 1'-0"



2 ————— 58TH AVE OFFSITE PAVING
1/4" = 1'-0"

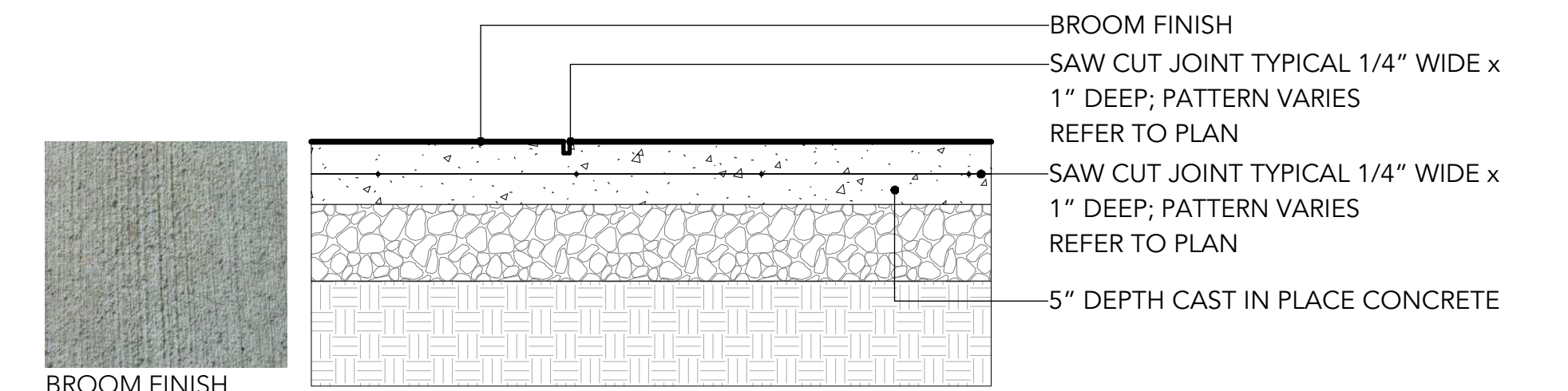


1 PAVING TYPE 1: GRANITE SETTS ON AND OFF SLAB
1" = 1'-0"



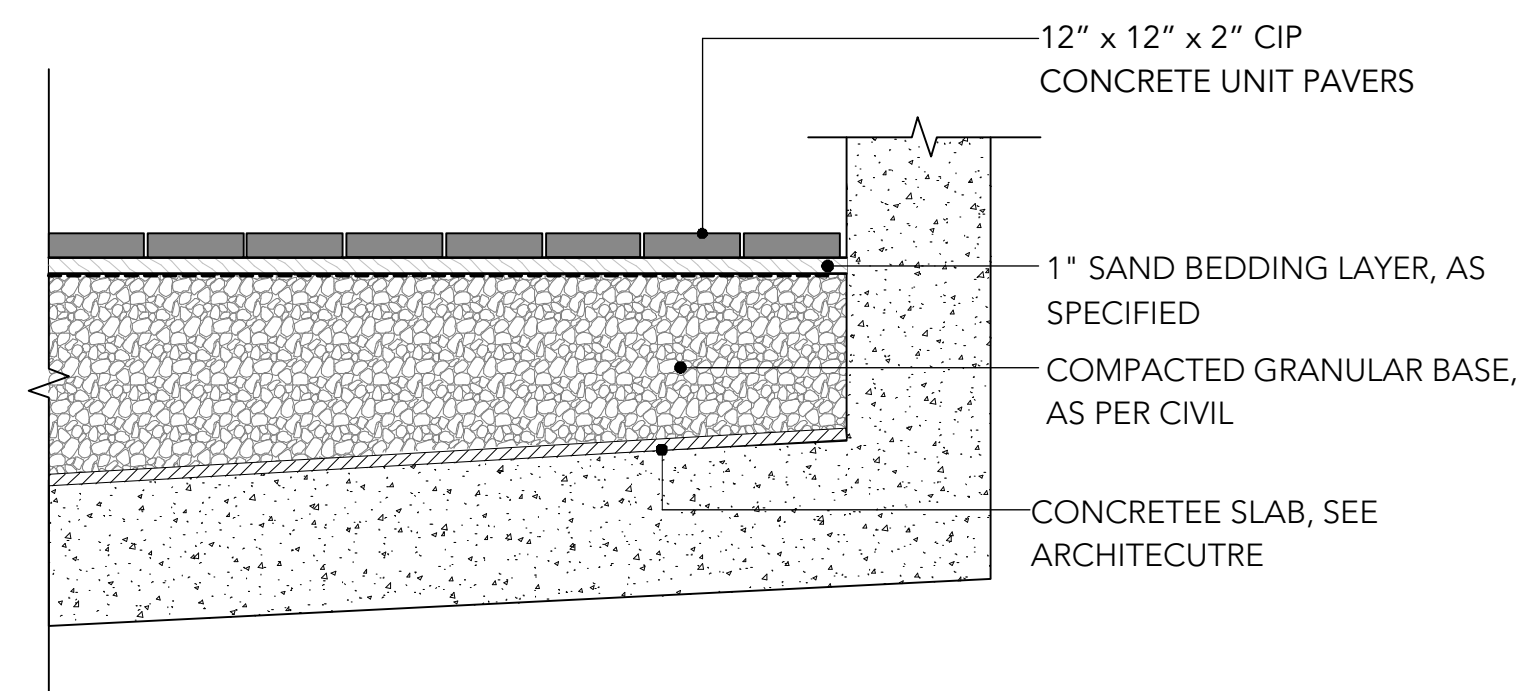
- NOTES:
1. BROOM FINISH
 2. SEE TYPICAL LAYOUT PLAN FOR JOINT PATTERN AND BAND WIDTH
 3. EXP. JOINTS 20' O.C. MAX (@ CURB, BUILDING EDGE CUT LINES, CHANGES IN MATERIALS. SPACING TO COINCIDE W/ PATTERN)
 4. CONTROL JOINTS @ 5' O.C. MAX
 5. FINAL LOCATIONS TO BE CONFIRMED ON SITE

2 PAVING TYPE 2: SCORED CIP CONCRETE OFFSITE, TYP.
1" = 1'-0"

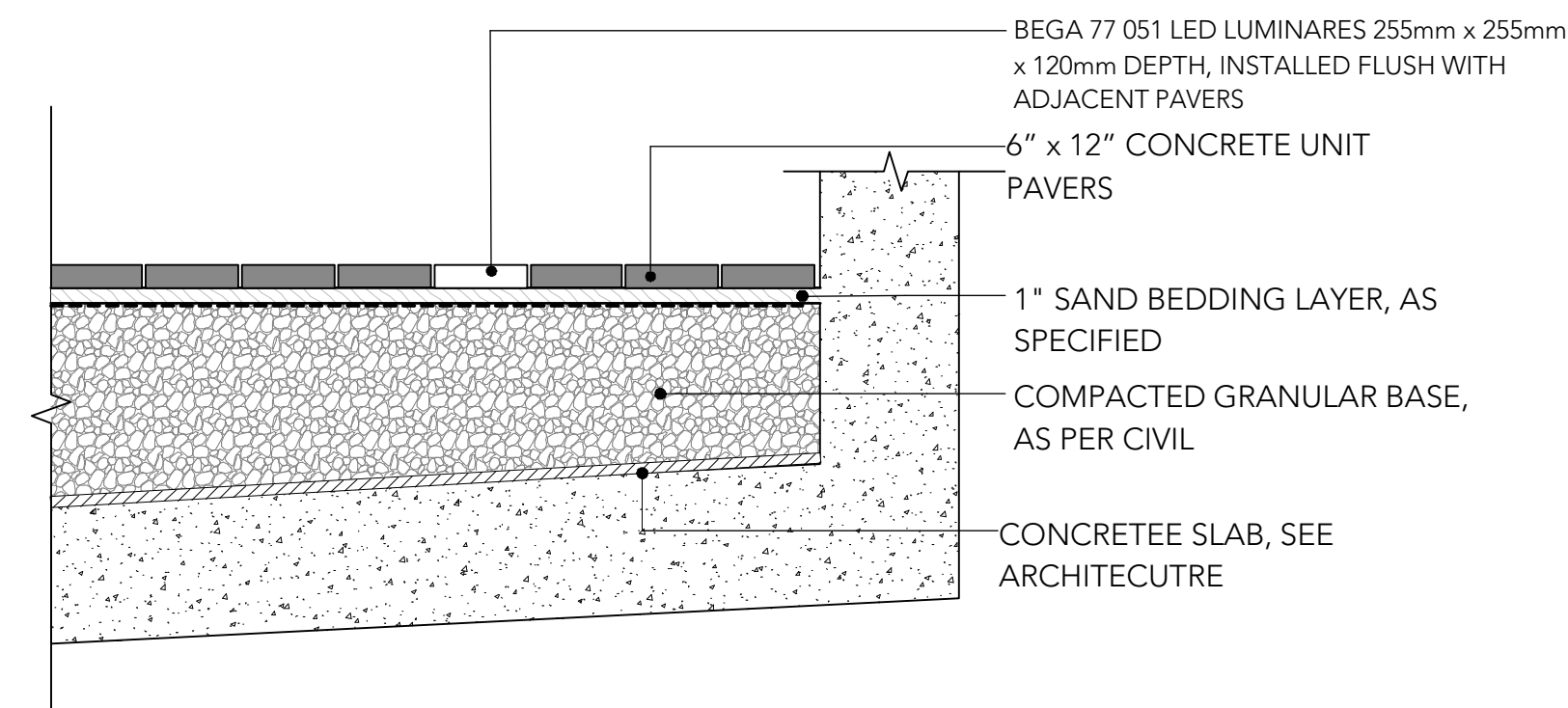


BROOM FINISH
8491-
DETAILS AS PER CITY OF VANCOUVER STANDARDS

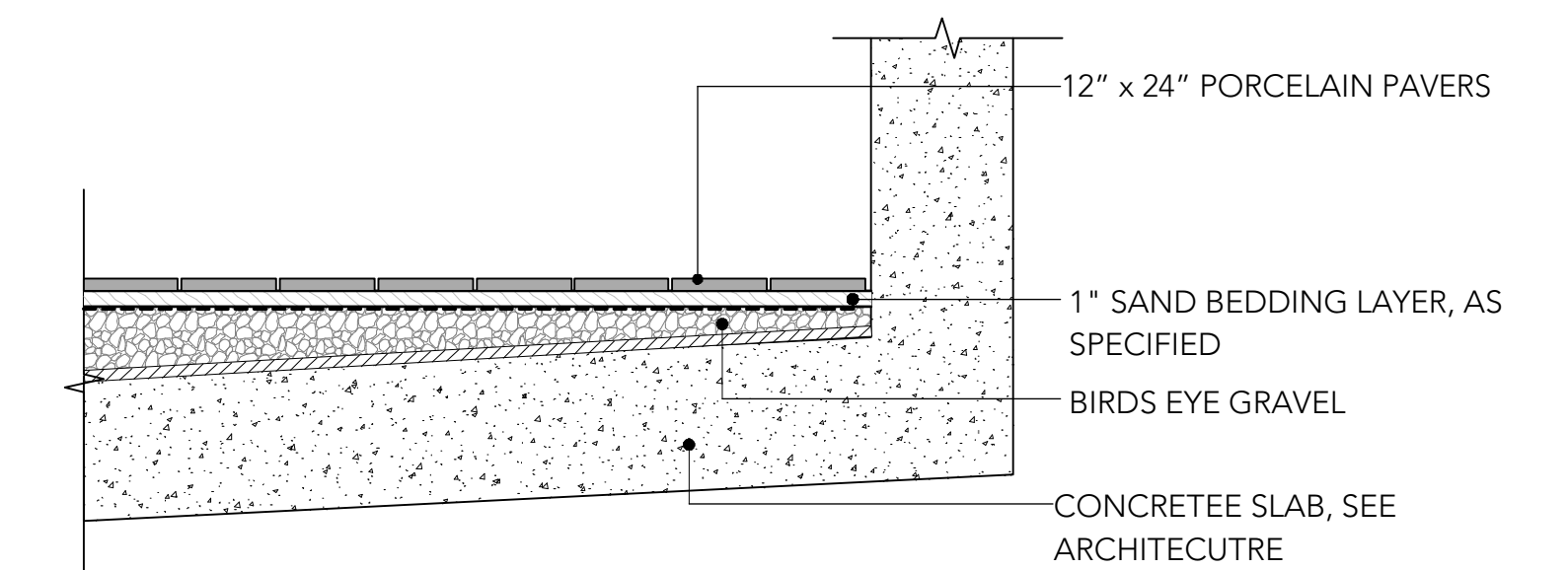
3 PAVING TYPE 3: COV OFFSITE SIDEWALK, TYP.
1" = 1'-0"



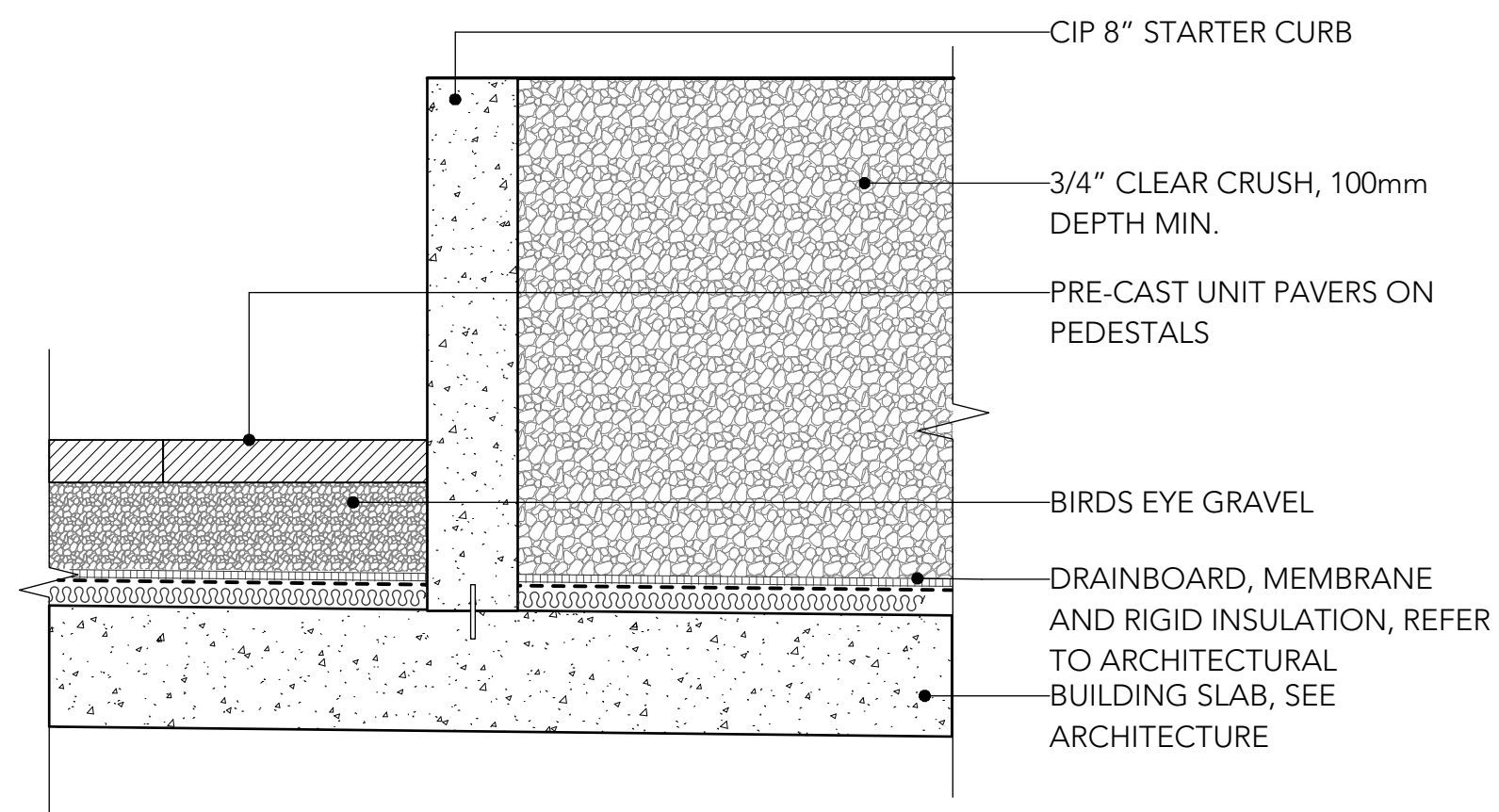
4 PAVING TYPE 4: CONCRETE UNIT PAVERS ON SLAB
1" = 1'-0"



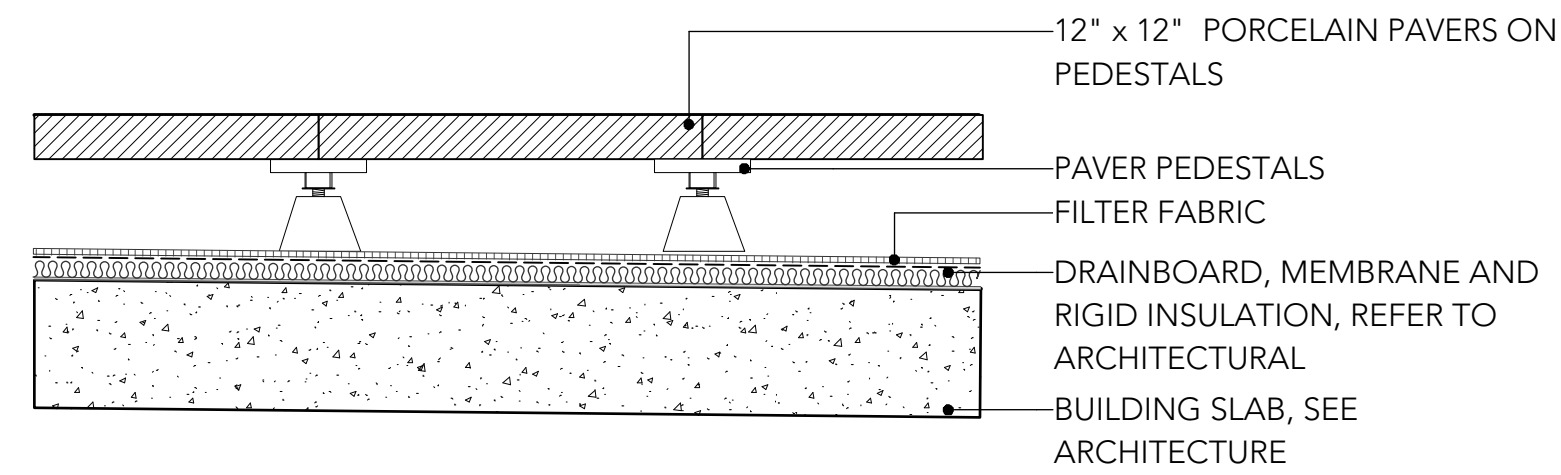
5 PAVING TYPE 5: CONCRETE UNIT PAVERS W/ INSET LIGHTING
1" = 1'-0"



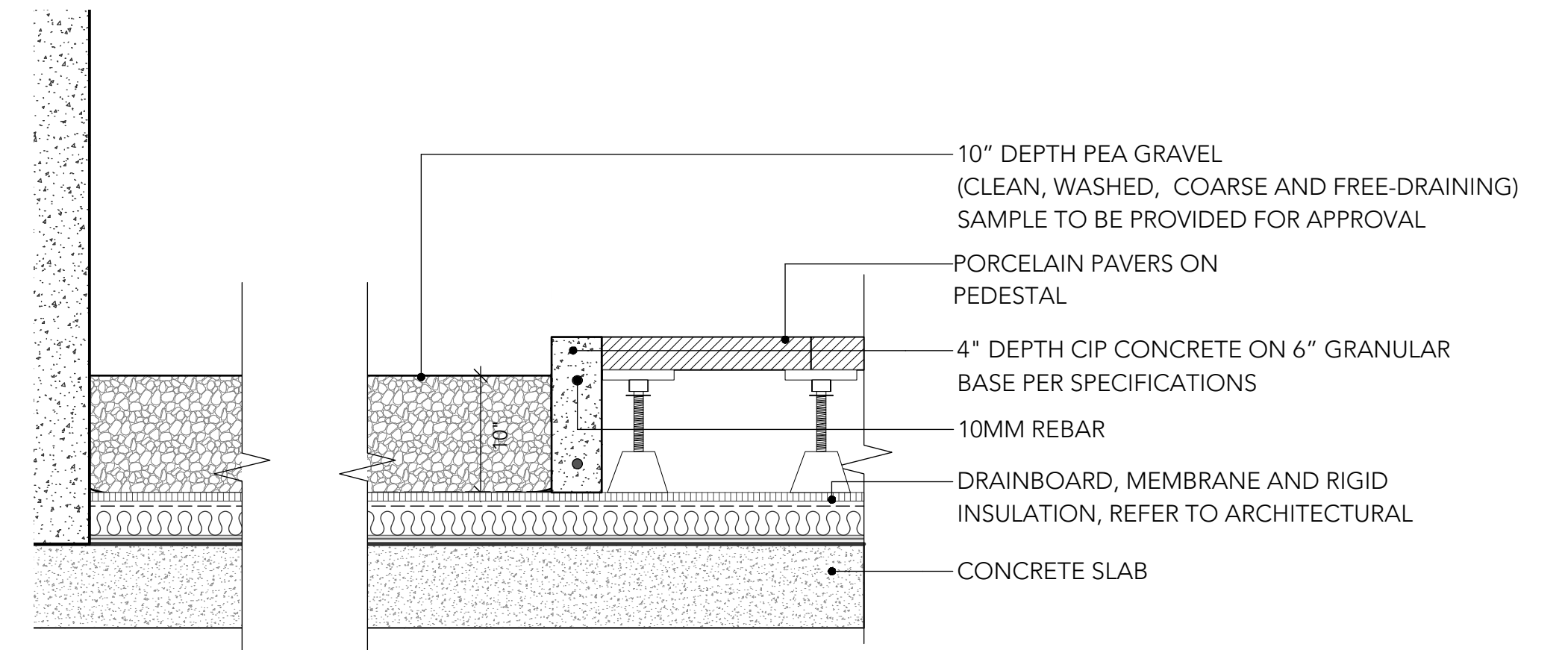
6 PAVING TYPE 6 + 7: PORCELAIN PAVER ON SLAB LEVEL 1
1" = 1'-0"



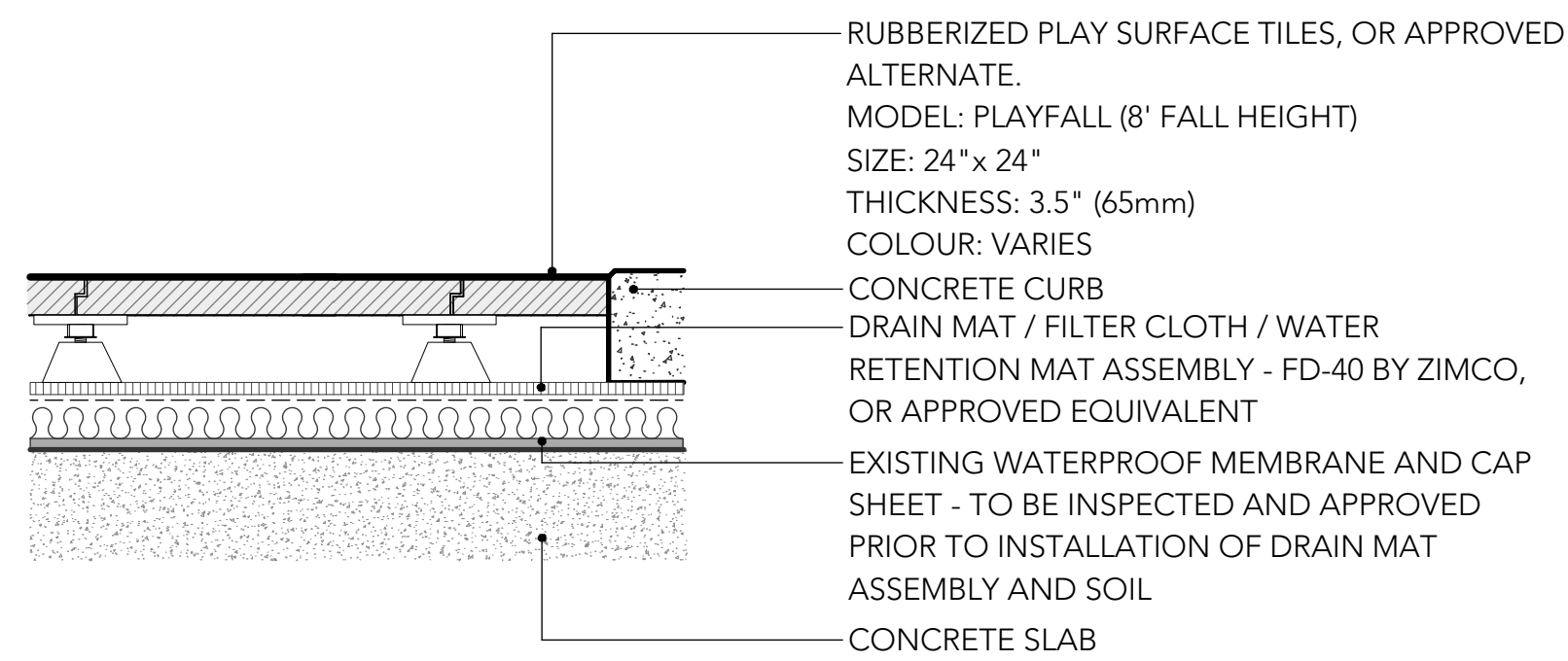
1 PAVING TYPE 8: 3/4" GRAVEL ON SLAB
1" = 1'-0"



2 PAVING TYPE 7 + 9: PORCELAIN PAVERS ON PEDESTALS
1" = 1'-0"

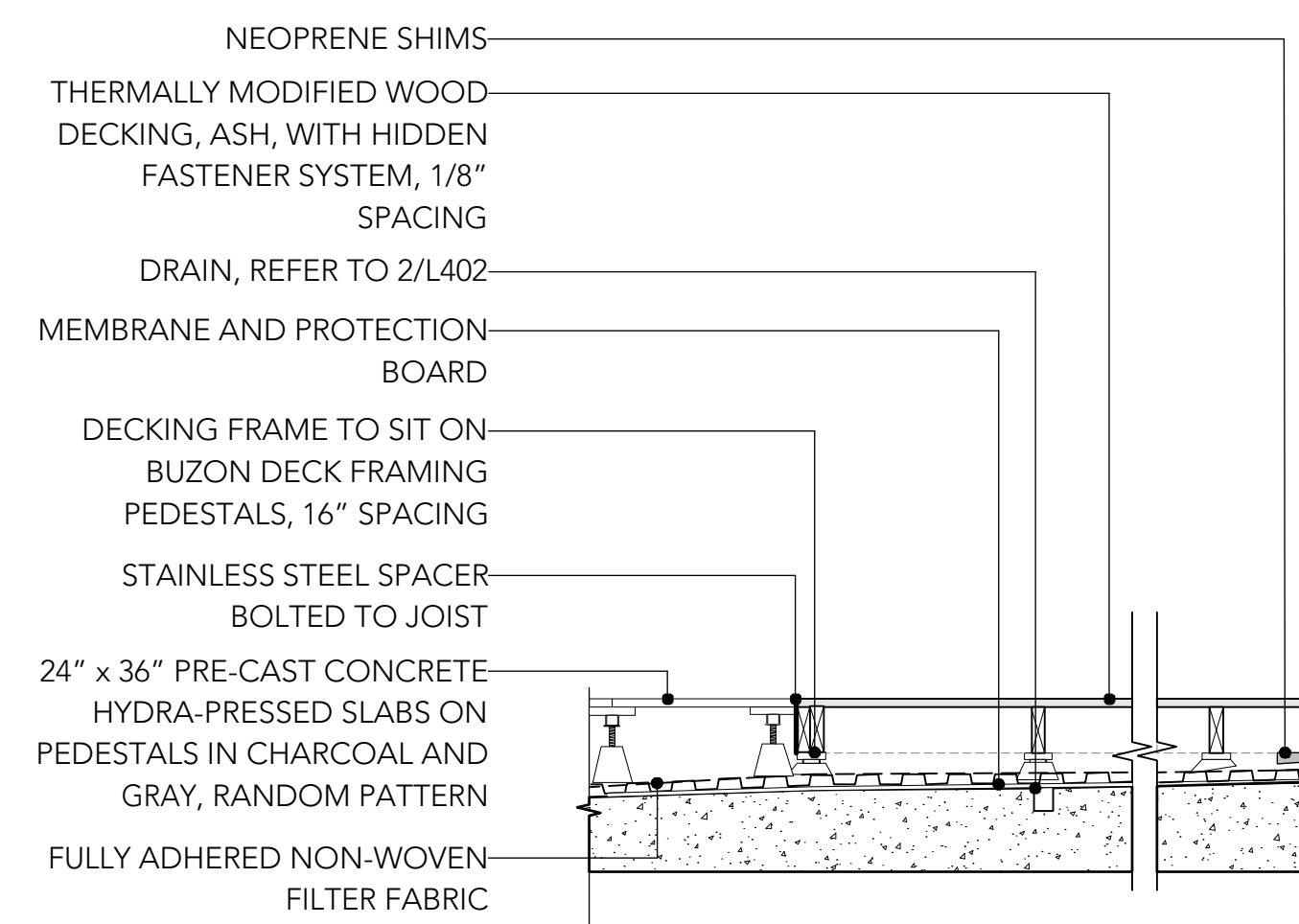


3 PAVING TYPE 10: PEA GRAVEL ON SLAB
1" = 1'-0"

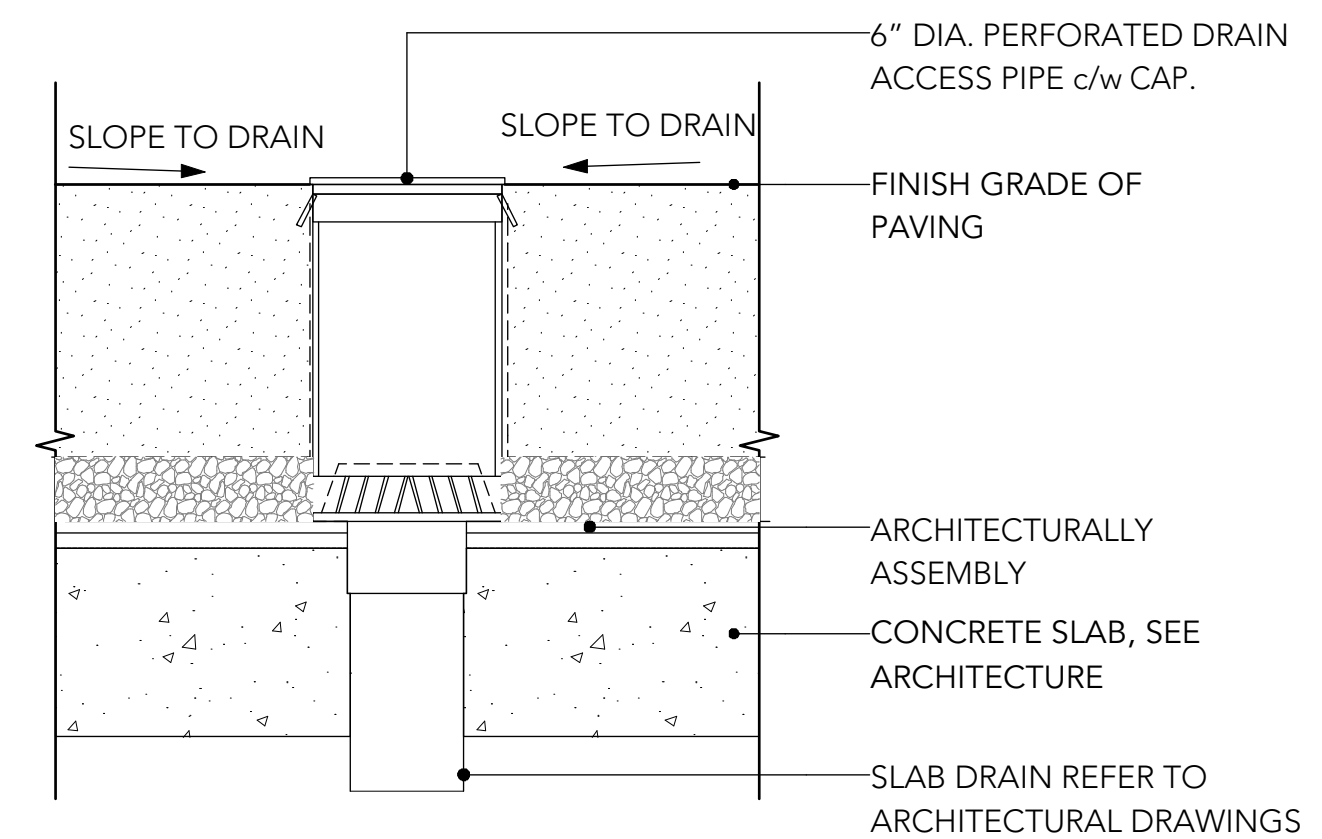


NOTE:
1. RUBBERIZED SURFACE TO BE SOFTILE RUBBER PLAY SURFACE TILES, THICKNESS TO BE CONFIRMED WITH DISTRIBUTOR, OR PRE-APPROVED EQUAL.
2. INSTALLATION BY MANUFACTURER PER MANUFACTURER'S SPECIFICATIONS
3. LANDSCAPE CONTRACTOR TO PREPARE SUB-SURFACE GRADE AND GRANULAR MATERIAL
4. COLOR OF PLAY TILE TO BE CONFIRMED BY LANDSCAPE ARCHITECT AND/OR GROWER.

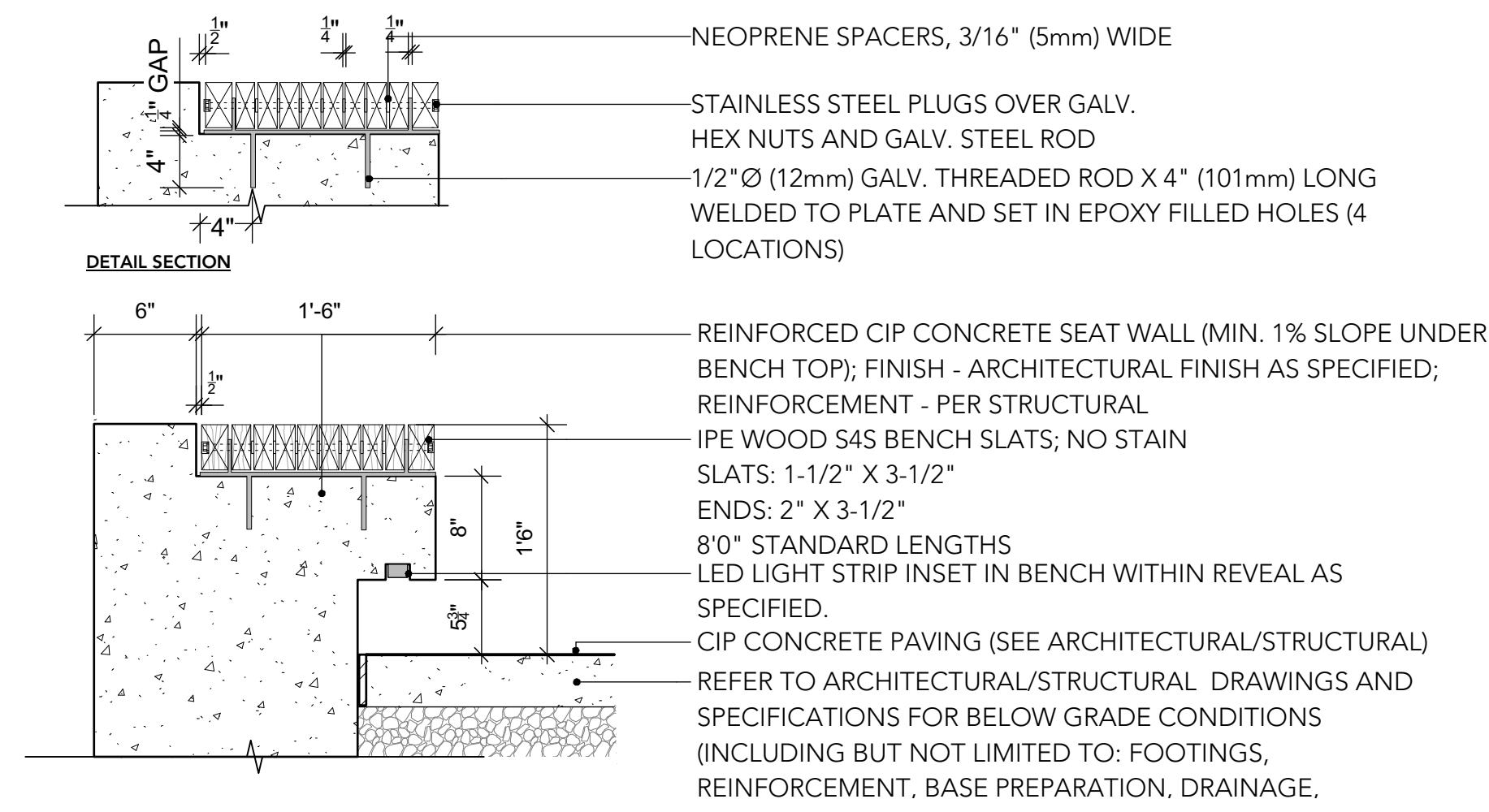
4 PAVING TYPE 11: RUBBER PLAY SURFACING
1" = 1'-0"



5 PAVING TYPE 12: RAISED DECK ON SLAB
1/2" = 1'-0"

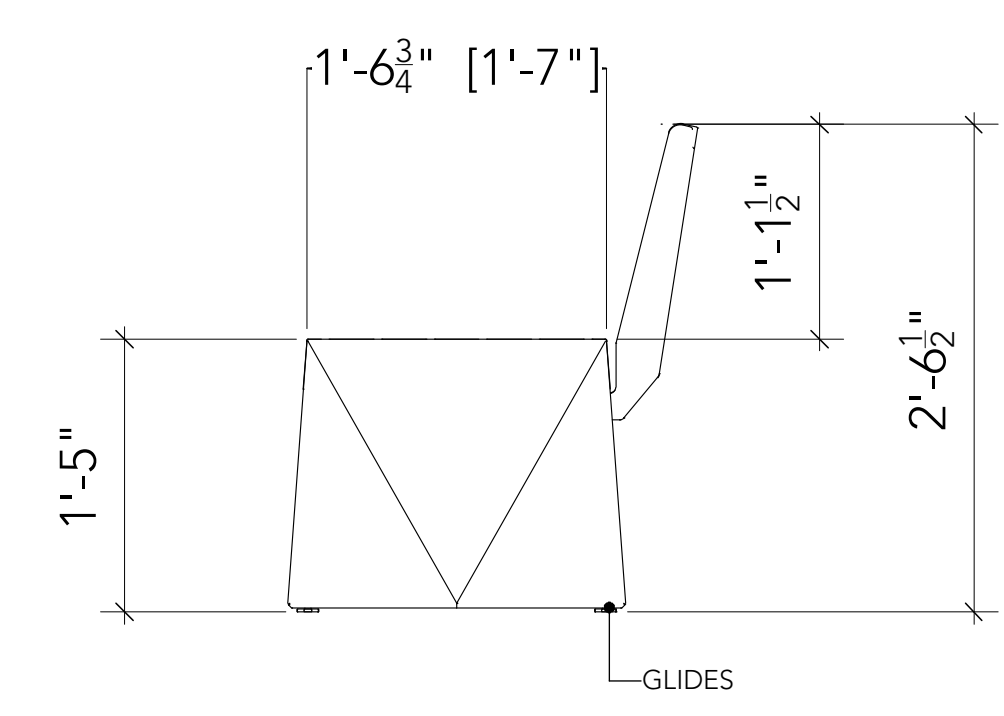
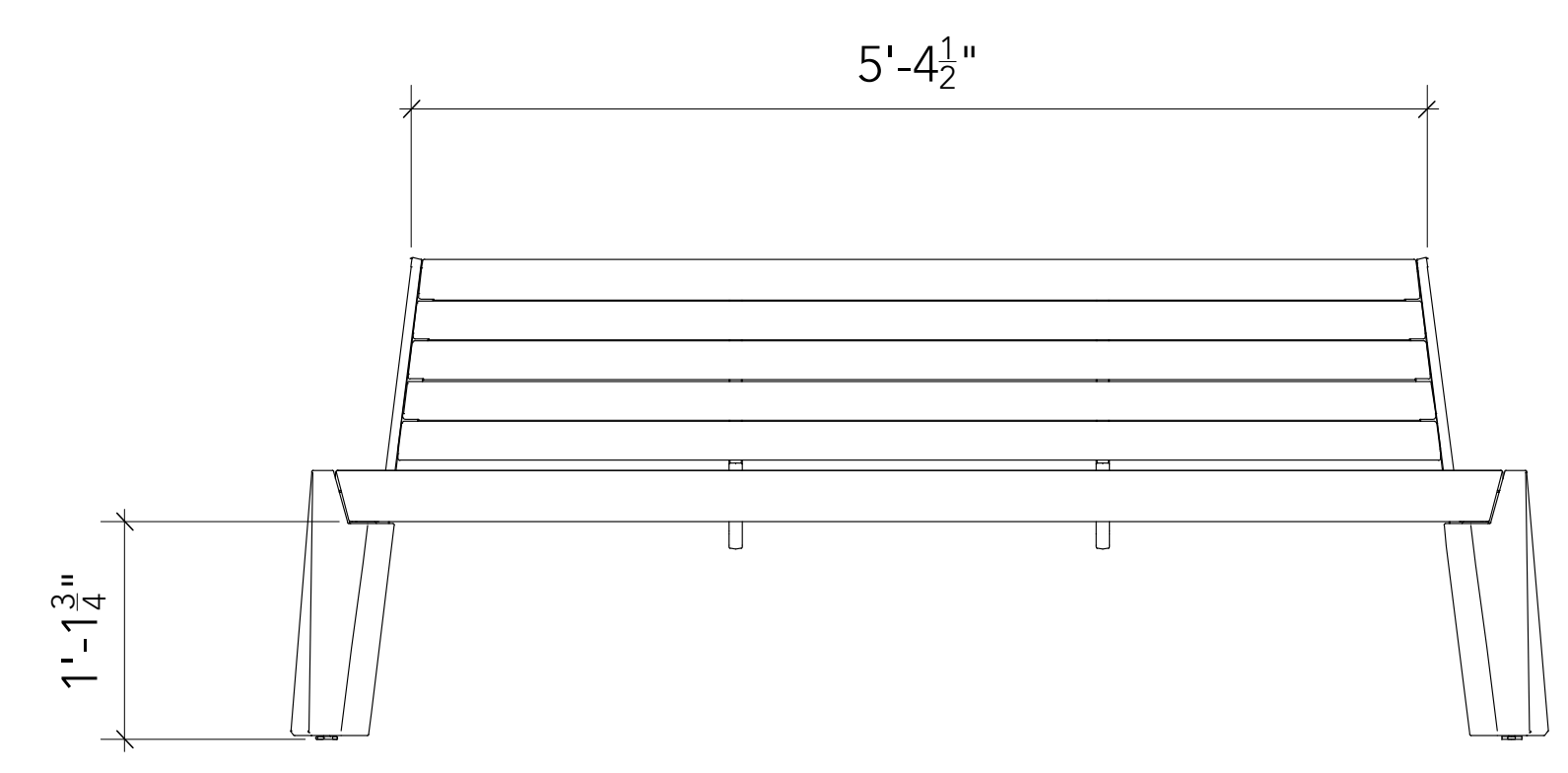
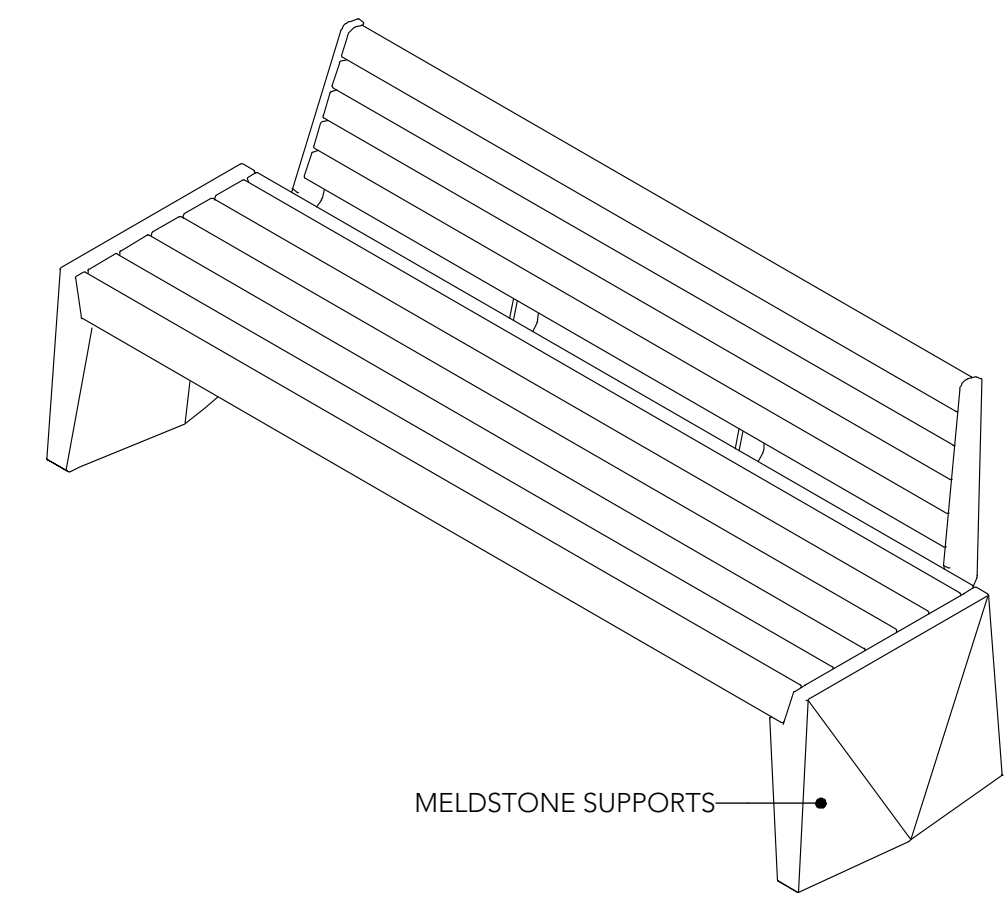
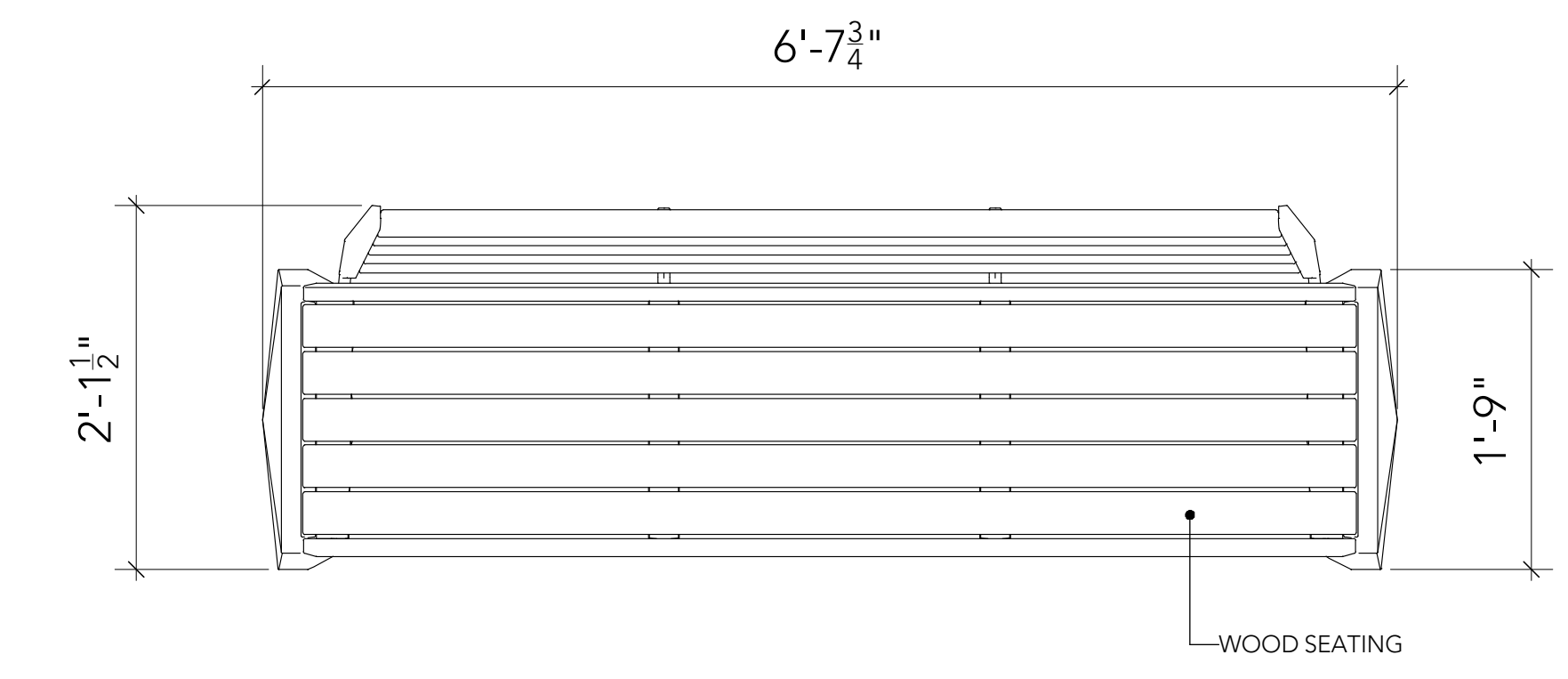
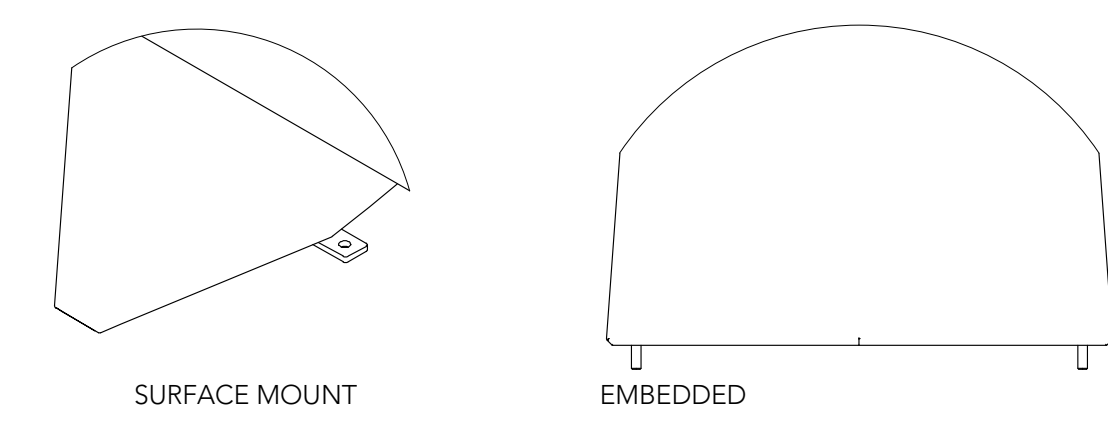


6 TYPICAL DRAIN ON SLAB
1" = 1'-0"

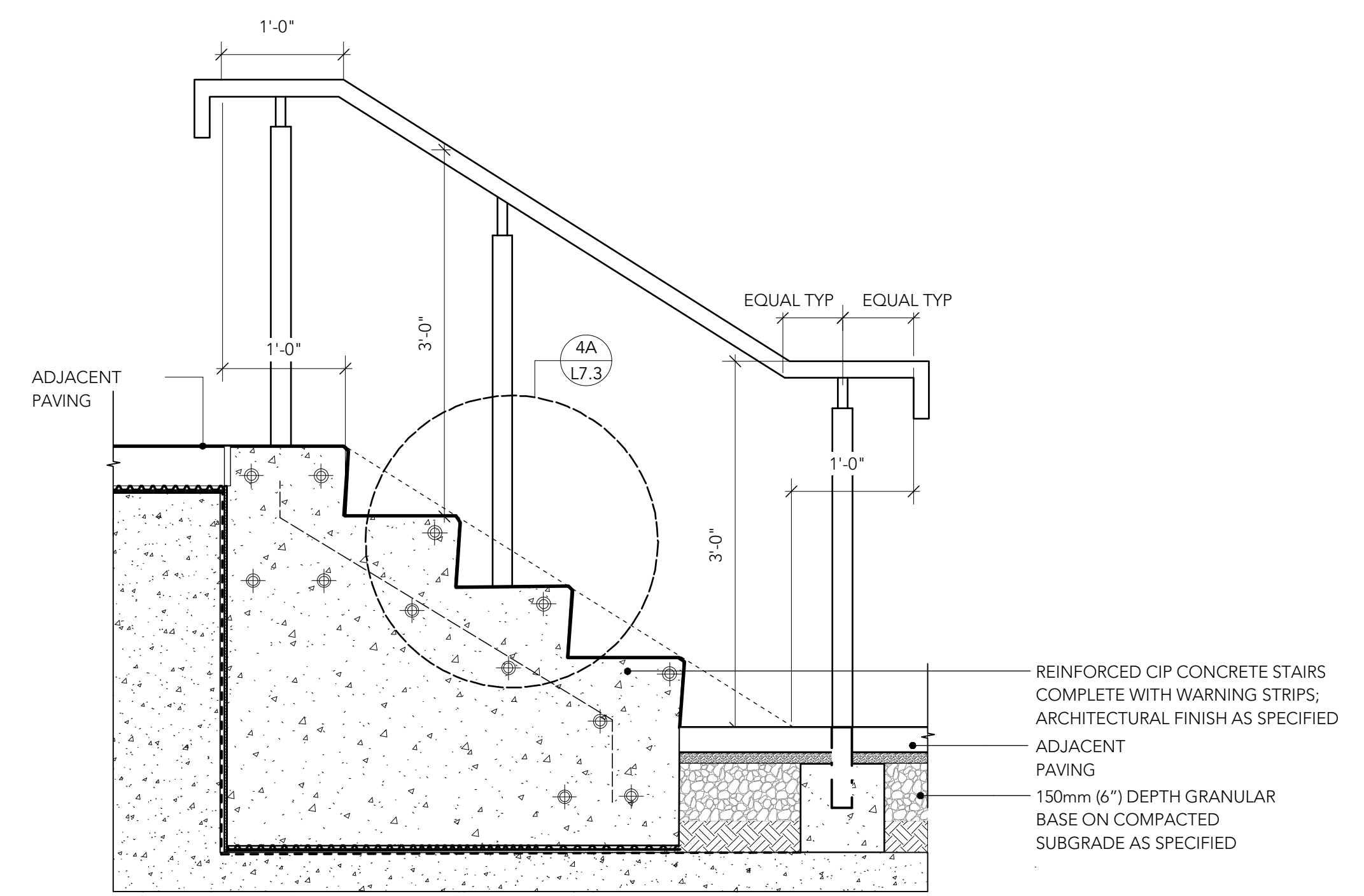


1 IPE WOOD BENCH ON CONCRETE SEAT WALL
1" = 1'-0"

MOUNTING OPTIONS:
 FREESTANDING: WITH ADJUSTABLE GLIDES
 SURFACE MOUNT: WITH ANCHOR TABS. ANCHORING HARDWARE NOT INCLUDED.
 EMBEDDED: (4) 3/8-16 x 2IN THREADED RODS INCLUDED

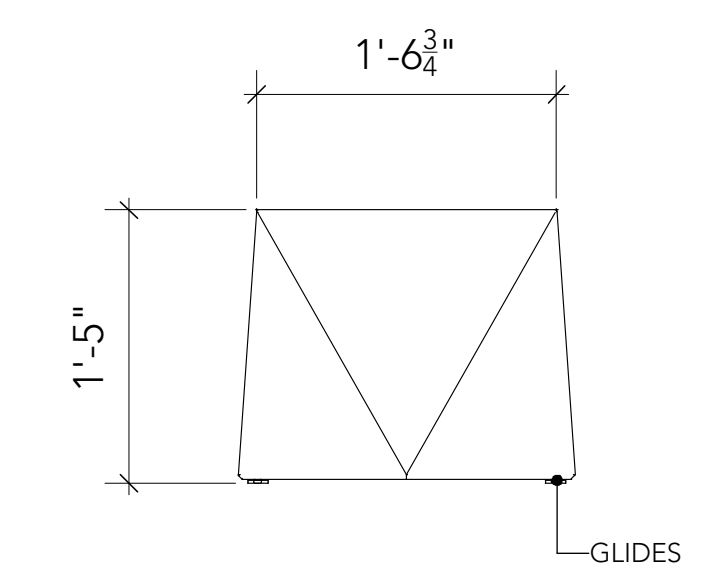
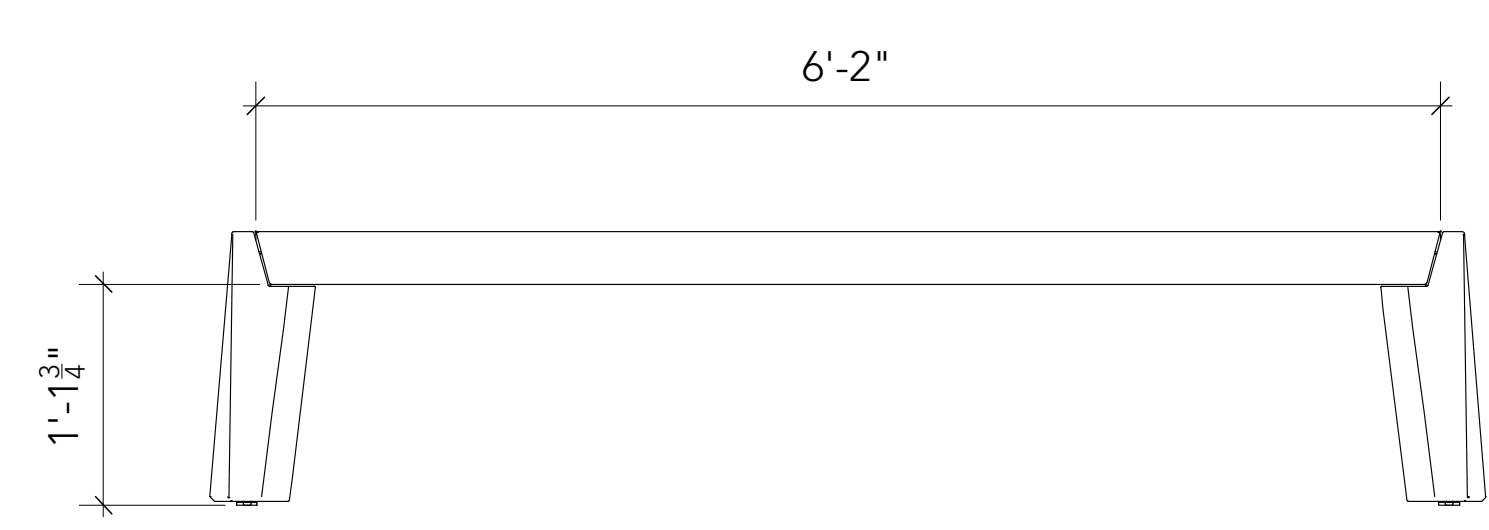
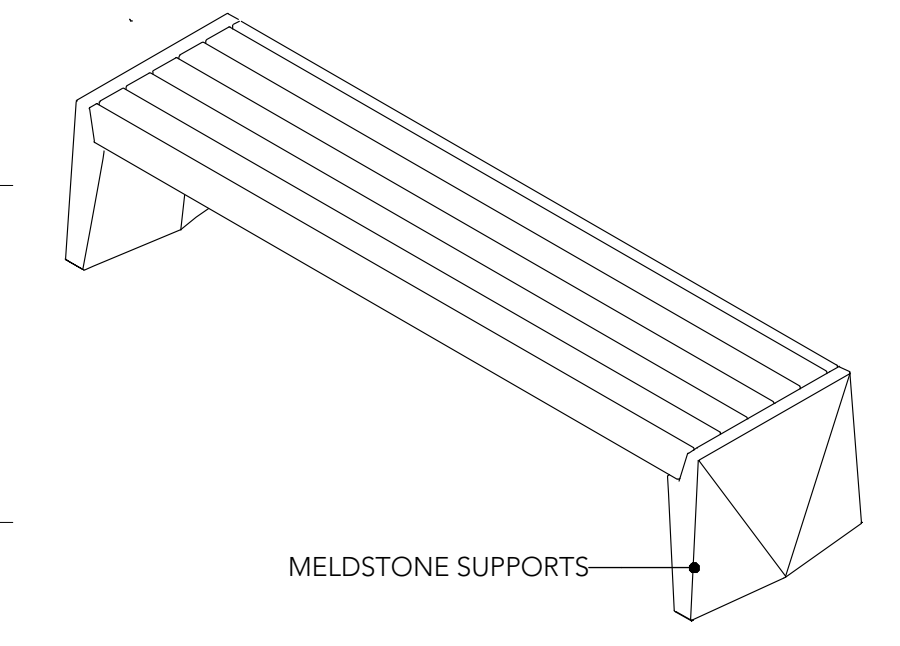
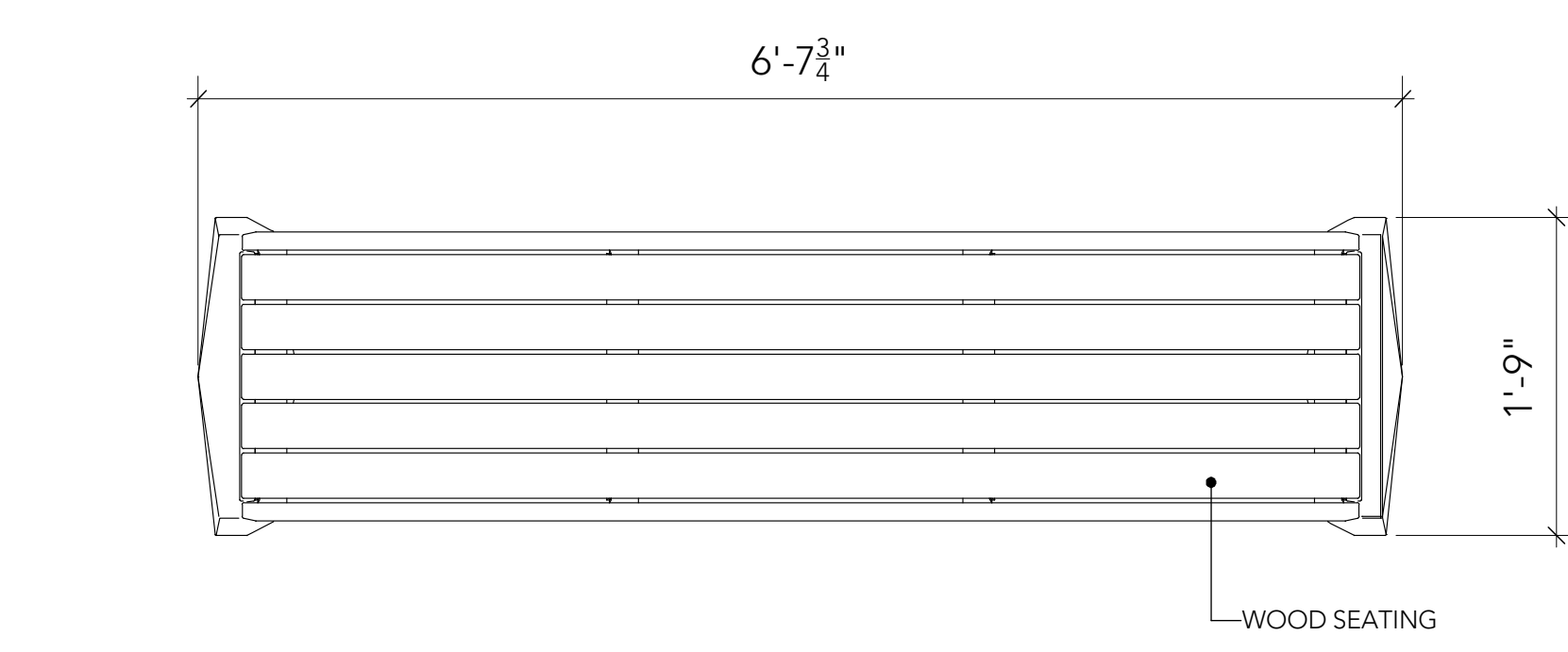
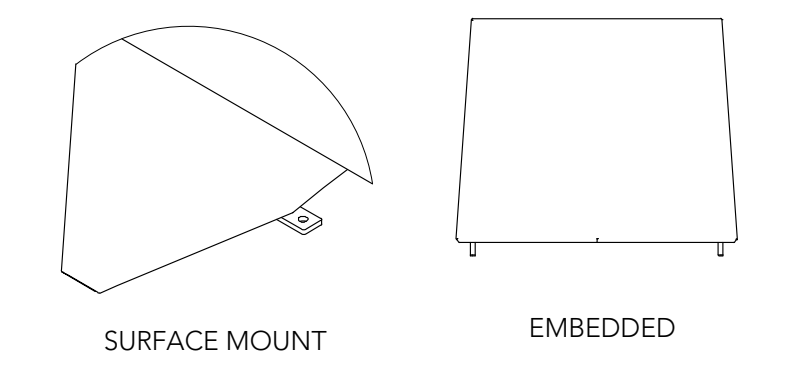


3 FREESTANDING BENCH - AS PER COV STANDARDS
1" = 1'-0"



2 CIP STAIRS ON SLAB
1" = 1'-0"

MOUNTING OPTIONS:
 FREESTANDING: WITH ADJUSTABLE GLIDES
 SURFACE MOUNT: WITH ANCHOR TABS. ANCHORING HARDWARE NOT INCLUDED.
 EMBEDDED: (4) 3/8-16 x 2IN THREADED RODS INCLUDED



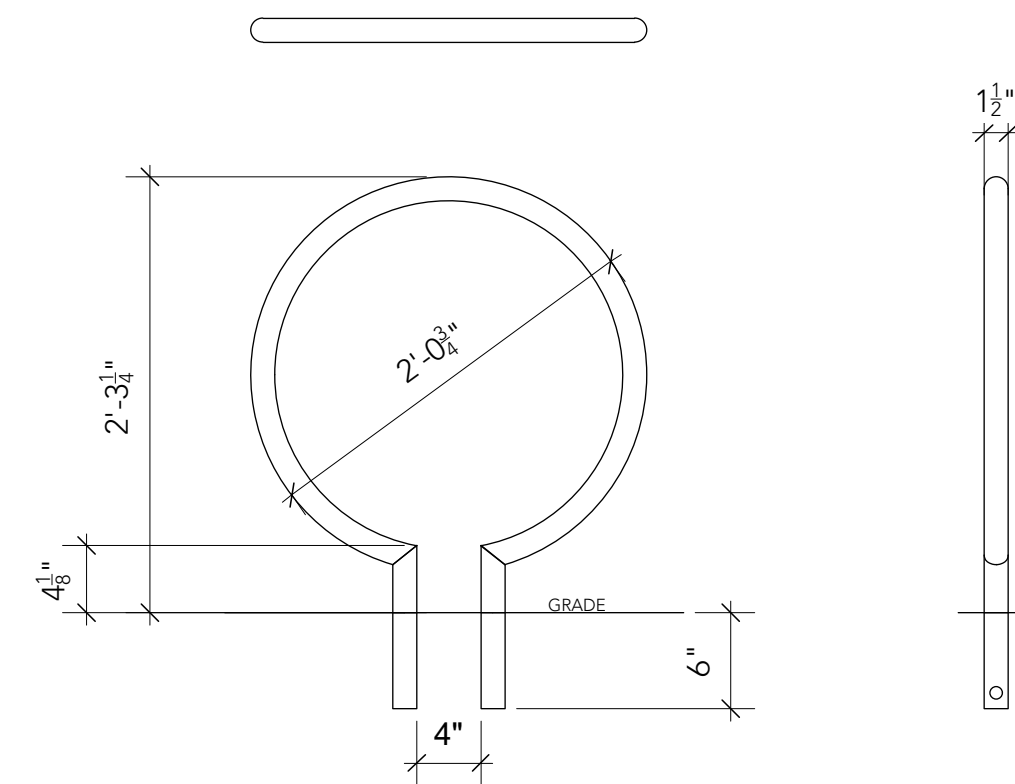
4 FREESTANDING BENCH - LANDSCAPE FORMS
1" = 1'-0"



0 YGTCpdENI .
 5 YGTCpdENANC .
 W YGTCpdENANC .

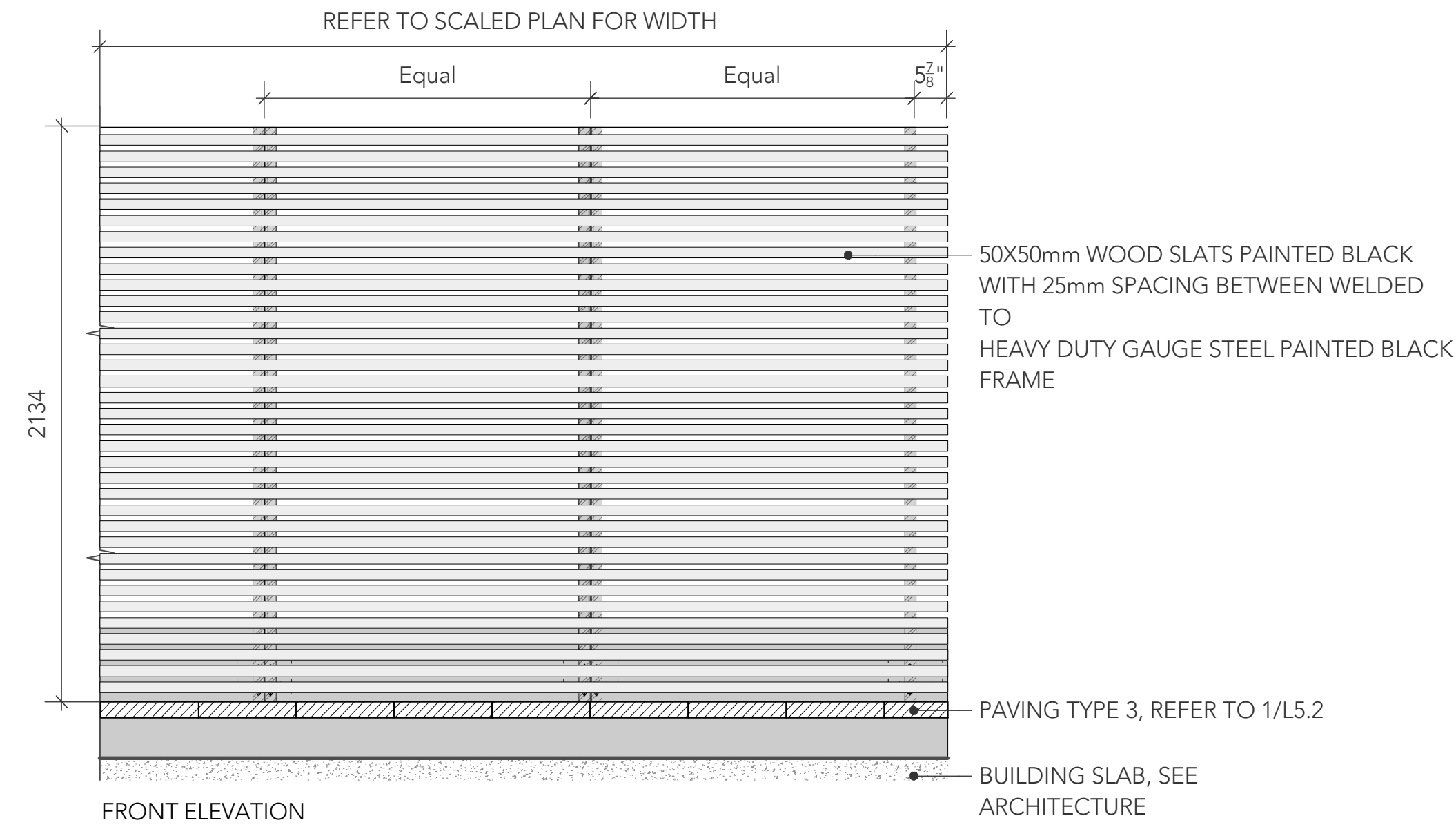
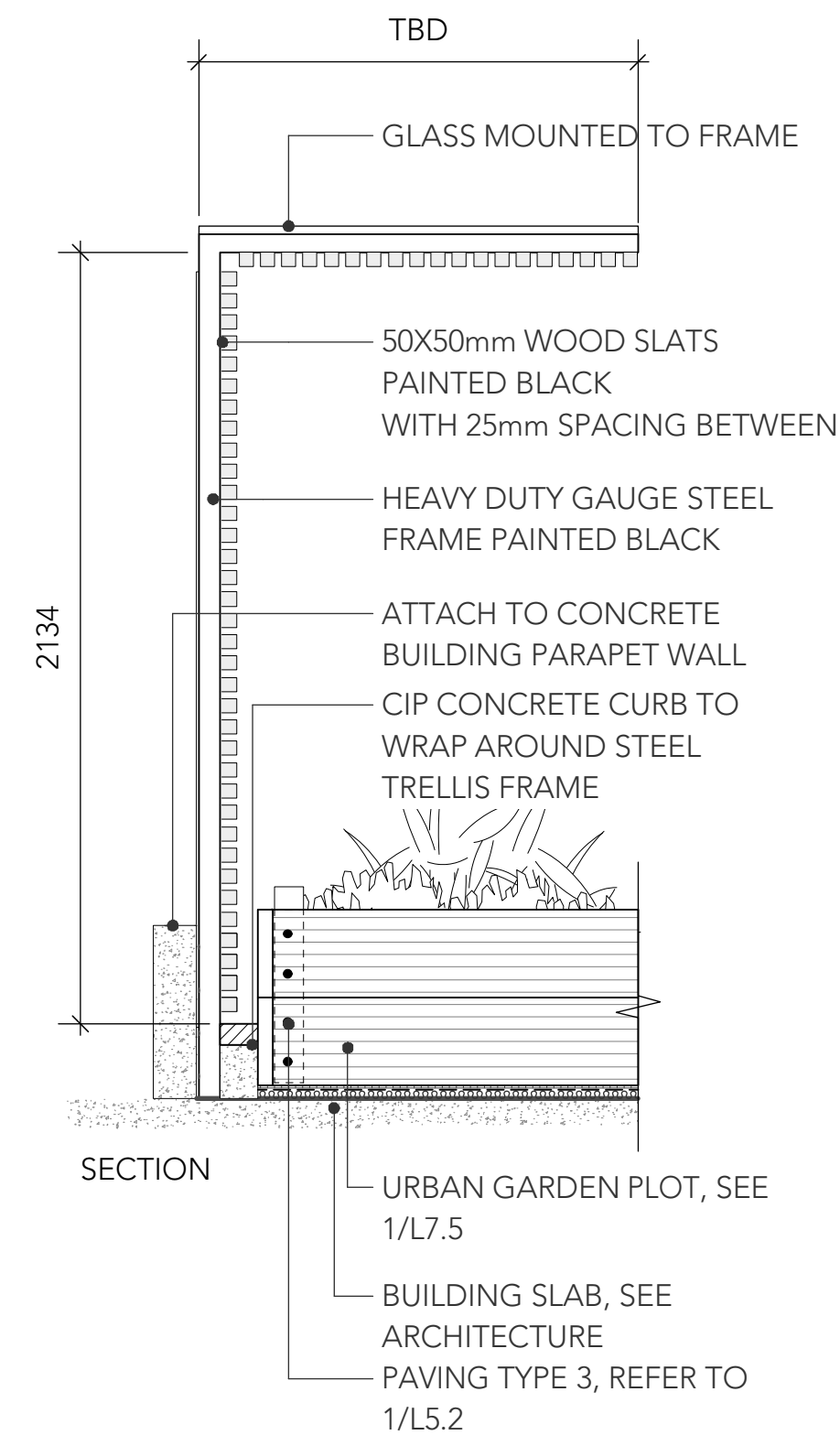
Cambie Gardens - Parcel A
 Landscape Design
 Vancouver, BC

Onni Group
 17116
 August, 2017



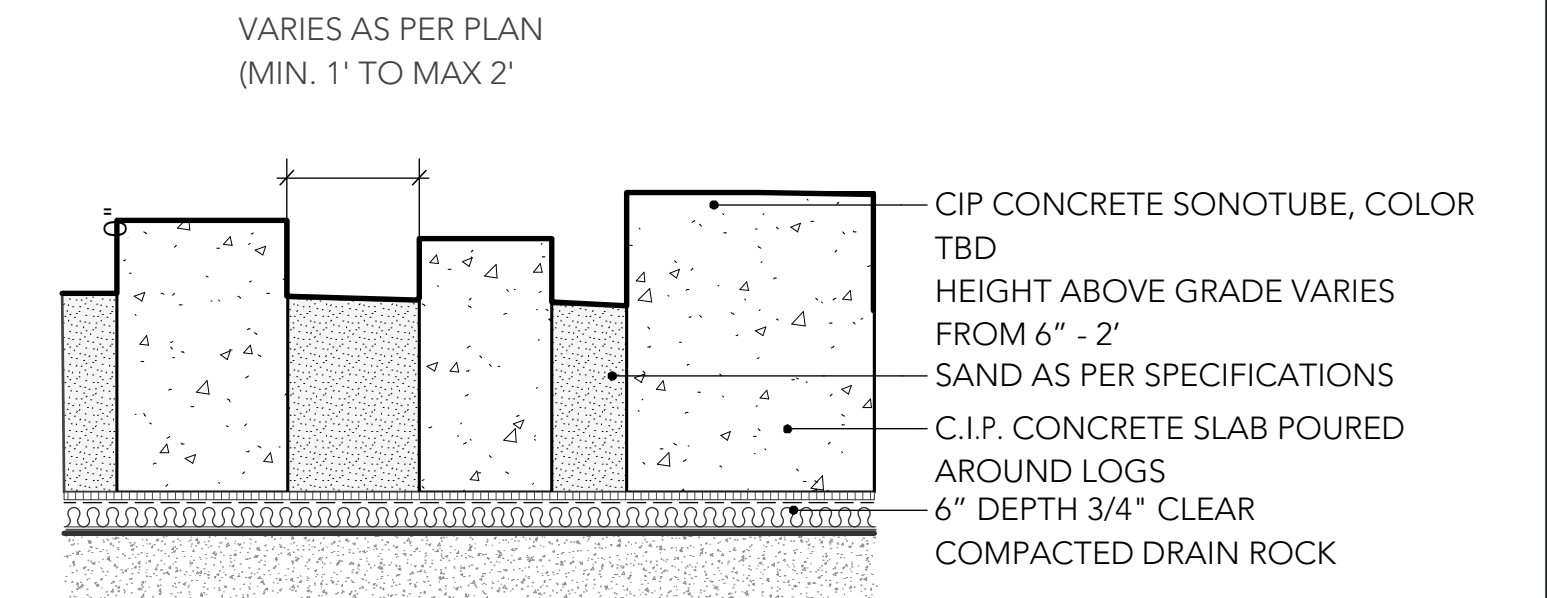
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1 LANDSCAPE FORMS RING BIKE RACK
1" = 1'-0"

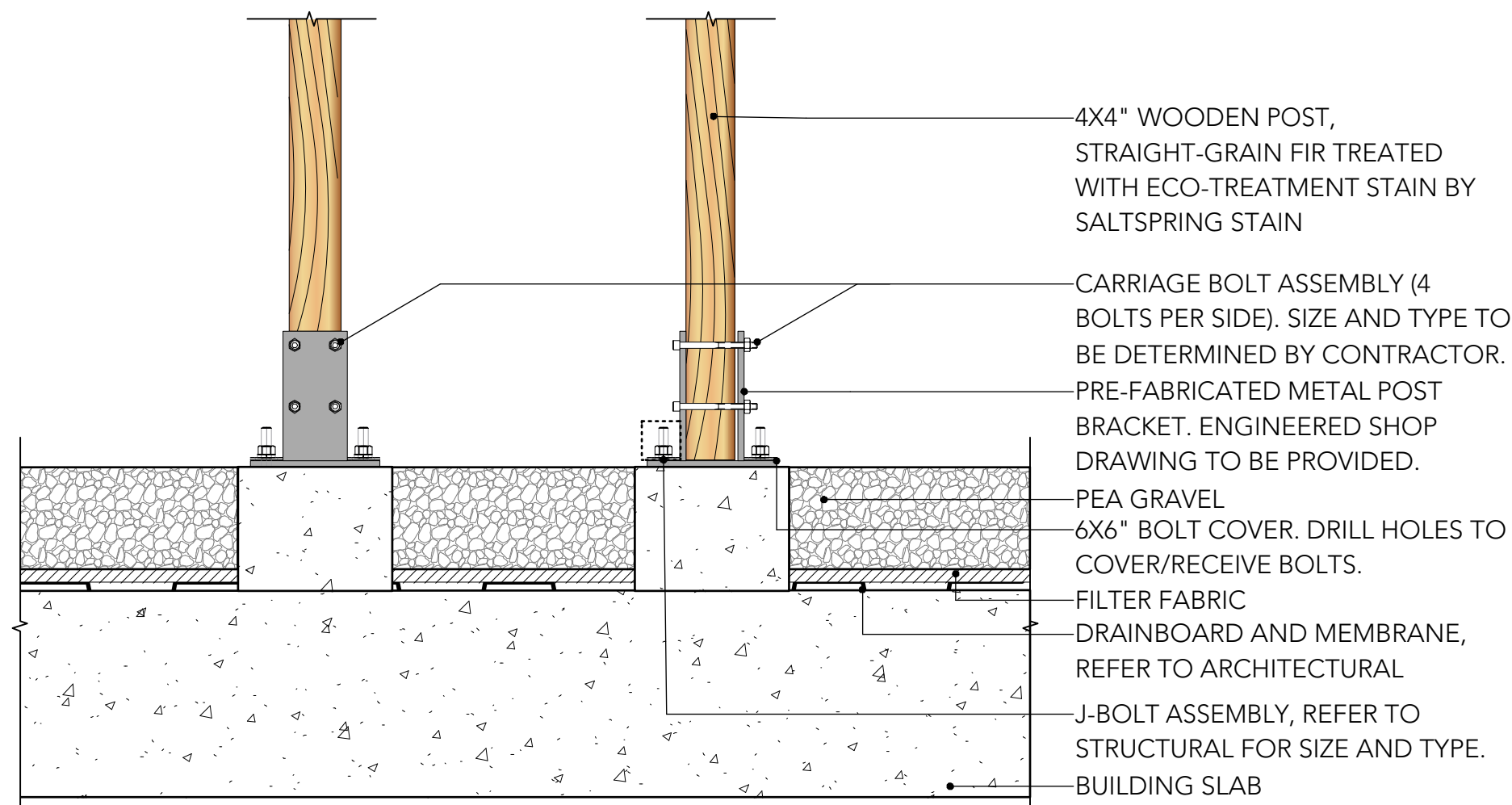


8491-
1. ALL SCREWS AND METAL HARDWARE TO BE HOT DIPPED GALVANIZED.
2. DRAWINGS TO BE REVIEWED AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

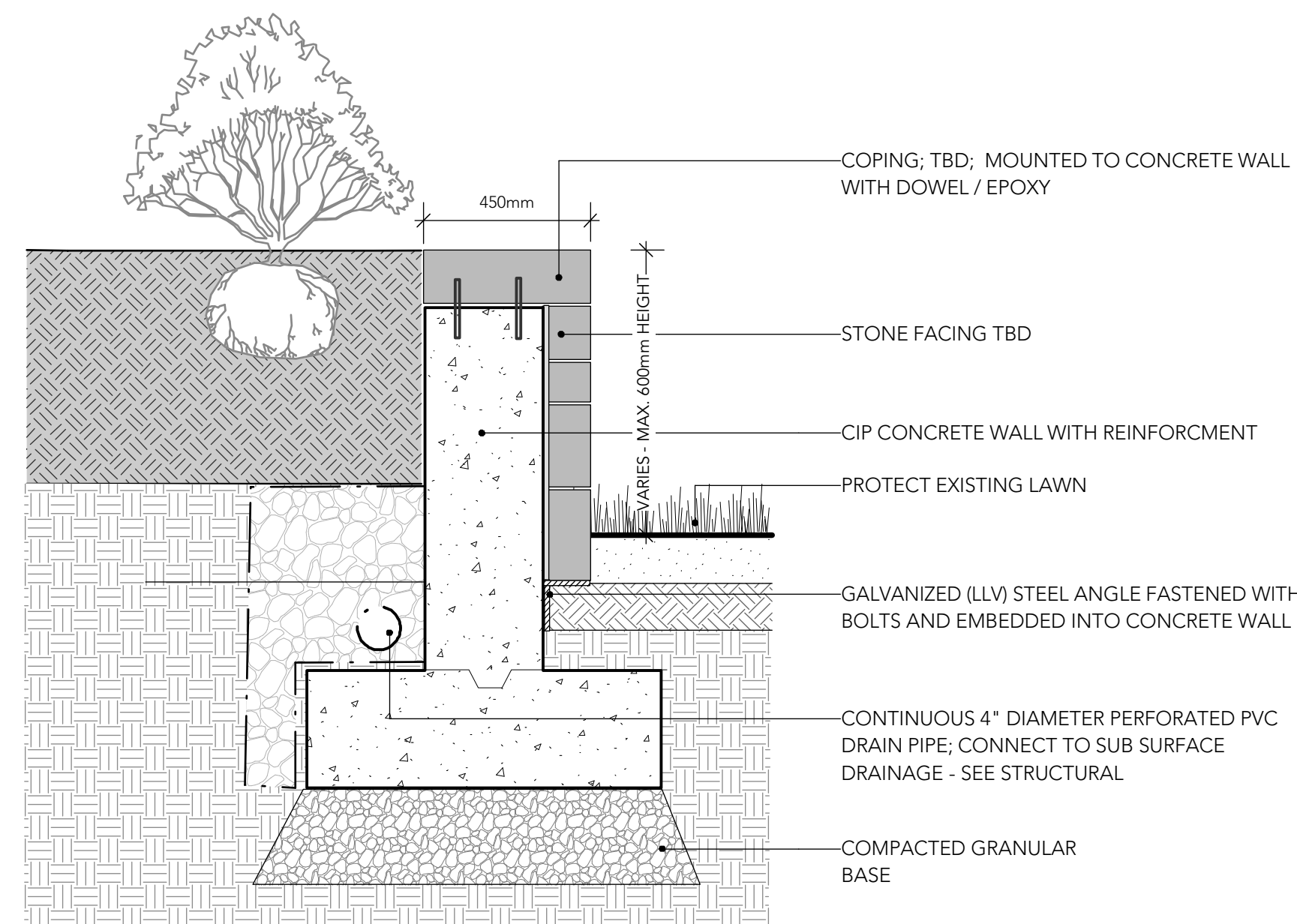
2 WOODEN TRELLIS STRUCTURE FOR VEGGIE PLOTS
1/2" = 1'-0"



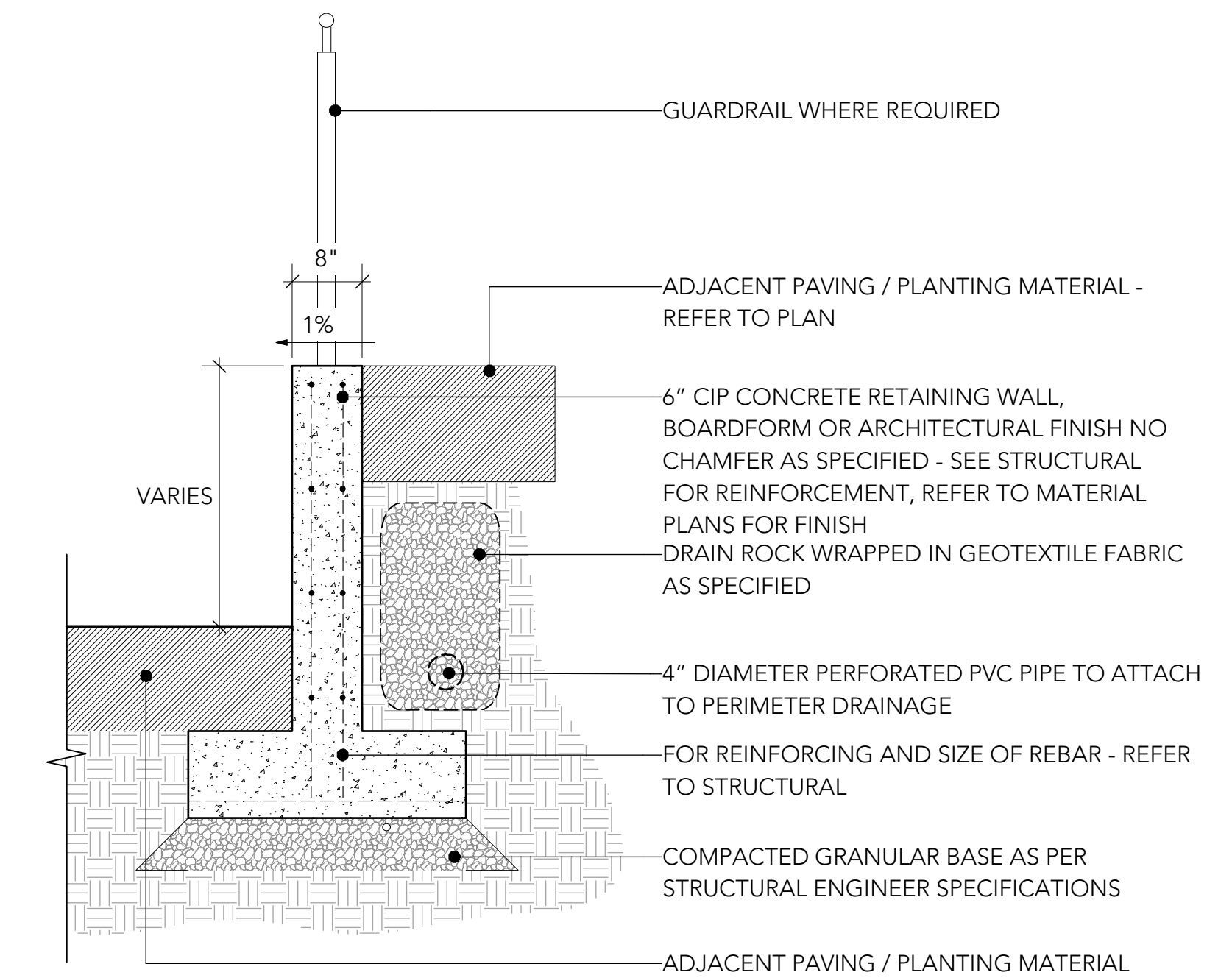
3 CIP CONCRETE CIRCULAR STEPS, TYP.
1/20



4 ART STICKS
2" = 1'-0"



5 STONE CLAD RETAINING WALL, TYP.
1" = 1'-0"



NOTE:
1. ALL WALLS HIGHER THAN 1.2m REQUIRE REVIEW BY STRUCTURAL

6 CIP CONCRETE RETAINING WALL, TYP.
3/4" = 1'-0"



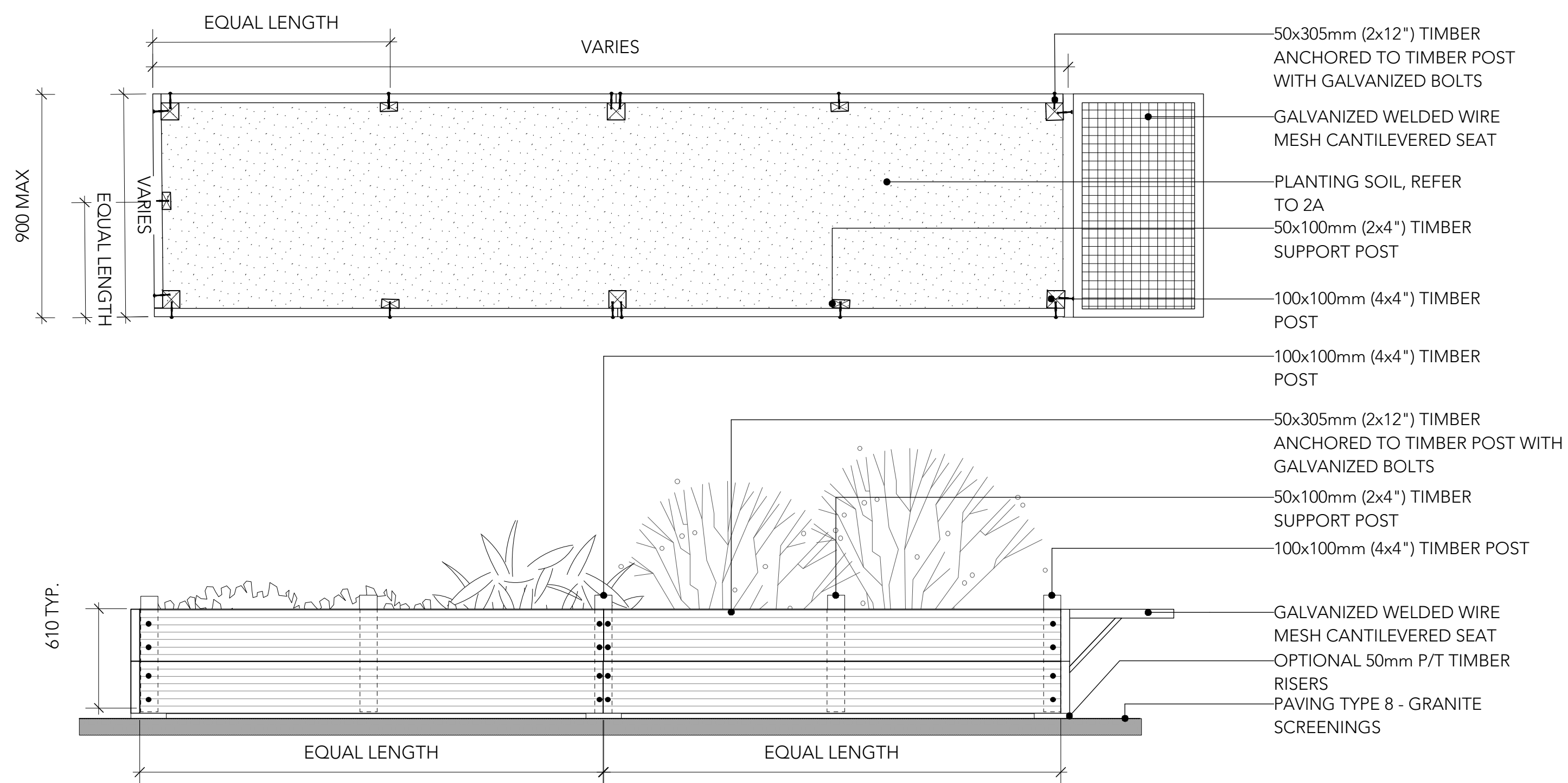
0 YGT Cpd EMI
5 YGT Cpd ENANC
W YGT Cpd ENANC

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Landscape Design
Vancouver, BC

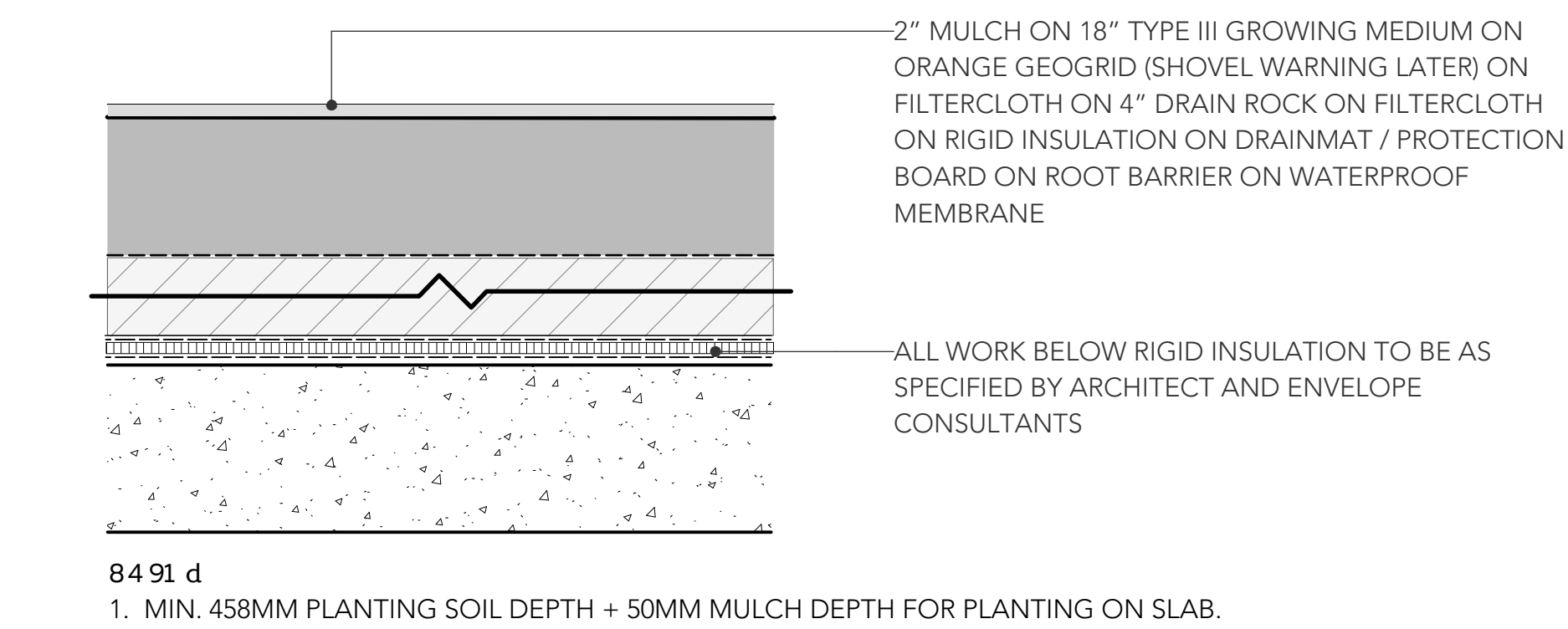
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August, 2017

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19WB-



1 GARDEN PLOT TIMBER FRAME, TYP.
1/2" = 1'-0"



3 URBAN AG. PLOT GROWING MEDIUM
1/2" = 1'-0"



WHILSHIRE FRP FIBERGLASS PLANTER, BY TOURNESOL SITEWORKS

RECTANGULAR PLANTER WITH MODULAR IRRIGATION INSERTS (SEE IMAGE)
OVERALL DIMENSIONS: 48" LENGTH X 30" WIDTH X 30" HEIGHT
PRODUCT #: WR-483030
FINISH: METAL MATCH PAINT
COLOUR: IRON

TOURNESOL REPRESENTATIVE: RANA SEHRAI 1-925-286-1784

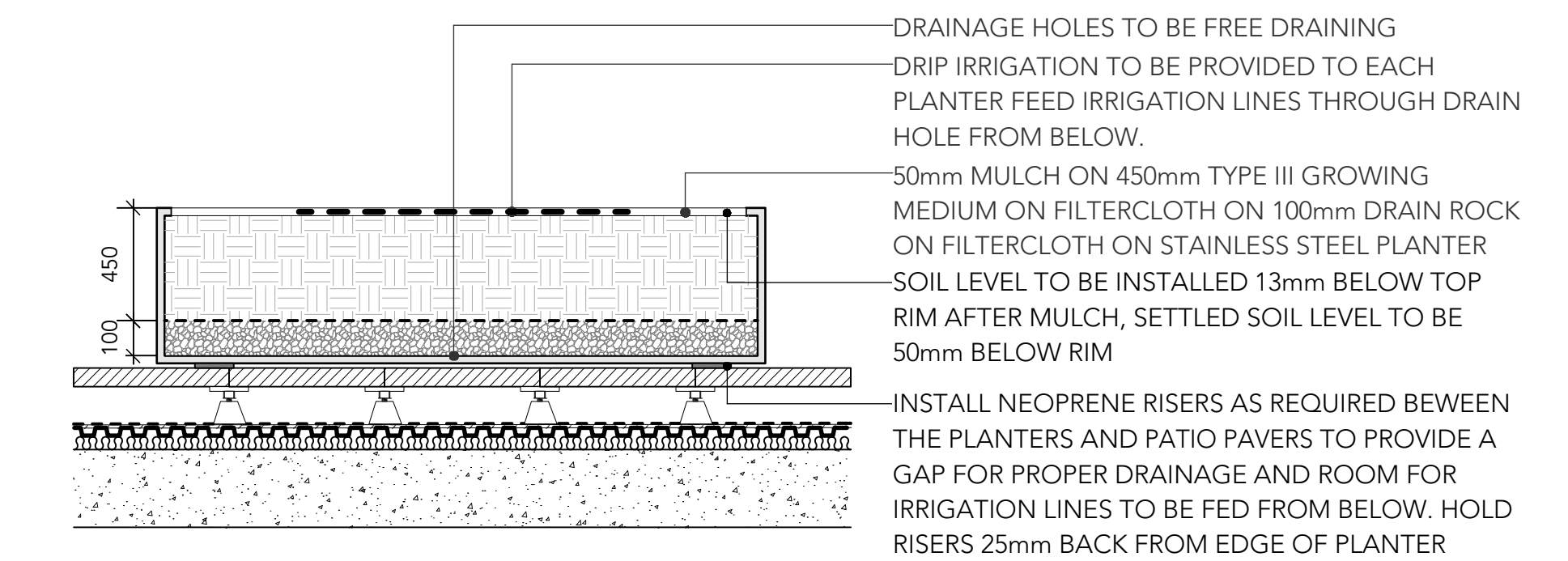
THE FOLLOWING IS OPTIONAL IF THERE IS NO AUTOMATIC IRRIGATION:
FLAT BACK IRRIGATION INSERT PRODUCT #: CWM R1620-2K (SEE ATTACHED IMAGE)
INSTALL WITH OVERFLOW ADAPTER CEMENTED OVER PLANTER DRAINAGE HOLE, ENSURING TOP OF ADAPTER PIPE IS HIGHER THAN WATER SOURCE AND IS COVERED WITH FILTER CLOTH (SEE SPEC SHEET).

REQUIRES ADEQUATE WATERING EVERY 2-4 WEEKS

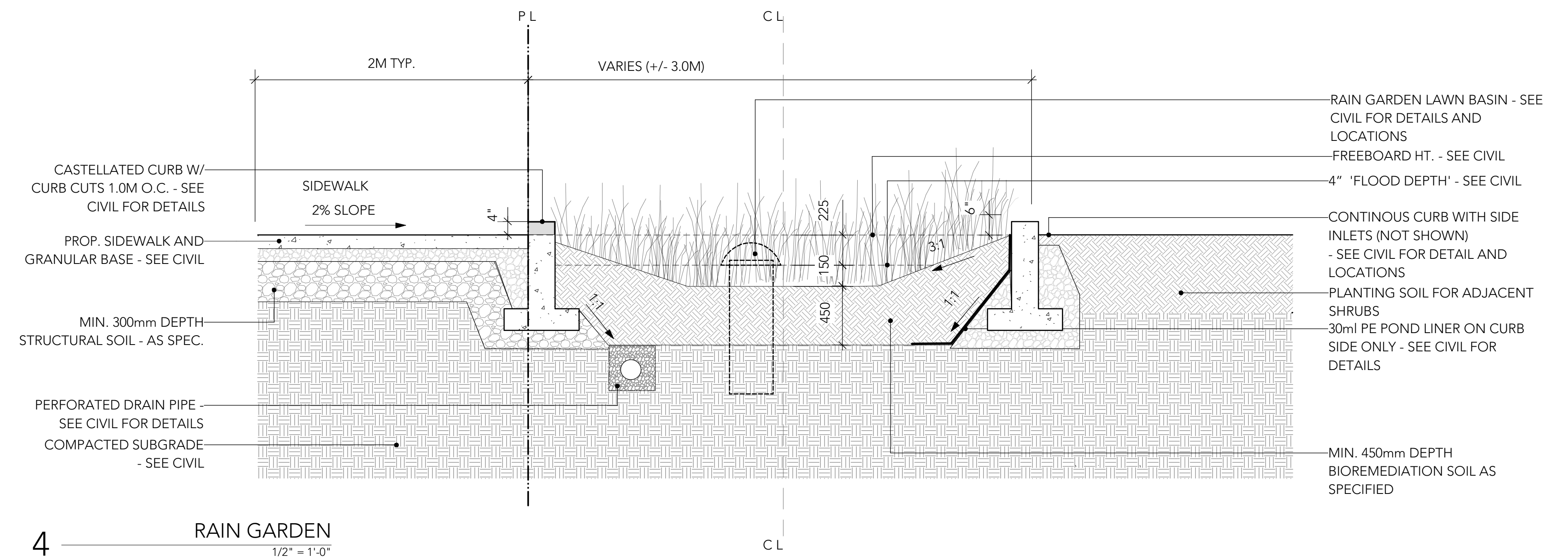
REFER TO LANDSCAPE PLAN L1.3 FOR LAYOUT.

PLANTER SIZES

PLANTER SIZE	PRODUCT #	LENGTH	WIDTH	HEIGHT	DETAIL
P1	WCR-483636	48"	36"	36"	CWM-R1620-2k
P2	WCR-483024	48"	30"	24"	CWM-R1614-2k
P3	WCR-723024	72"	30"	24"	CWM-R1614-3k



2 WILSHIRE FRP FIBERGLASS PLANTER ROOFTOPS/AMENITY DECK
1/2" = 1'-0"



4 RAIN GARDEN
1/2" = 1'-0"



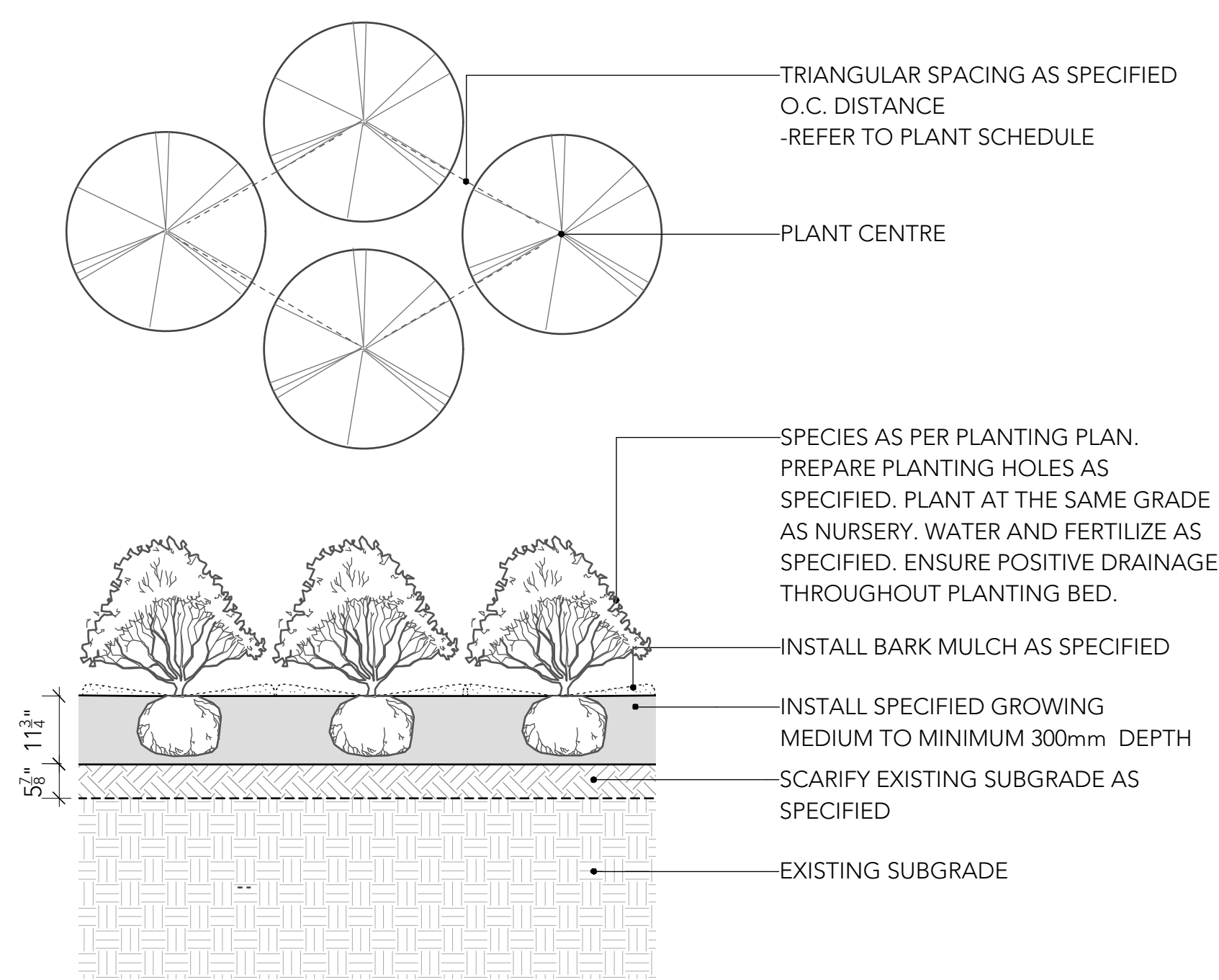
0 YGT Cpd EMI
5 YGT Cpd ENANC
W YGT Cpd ENANC

Cambie Gardens - Parcel A
Landscape Design
Vancouver, BC

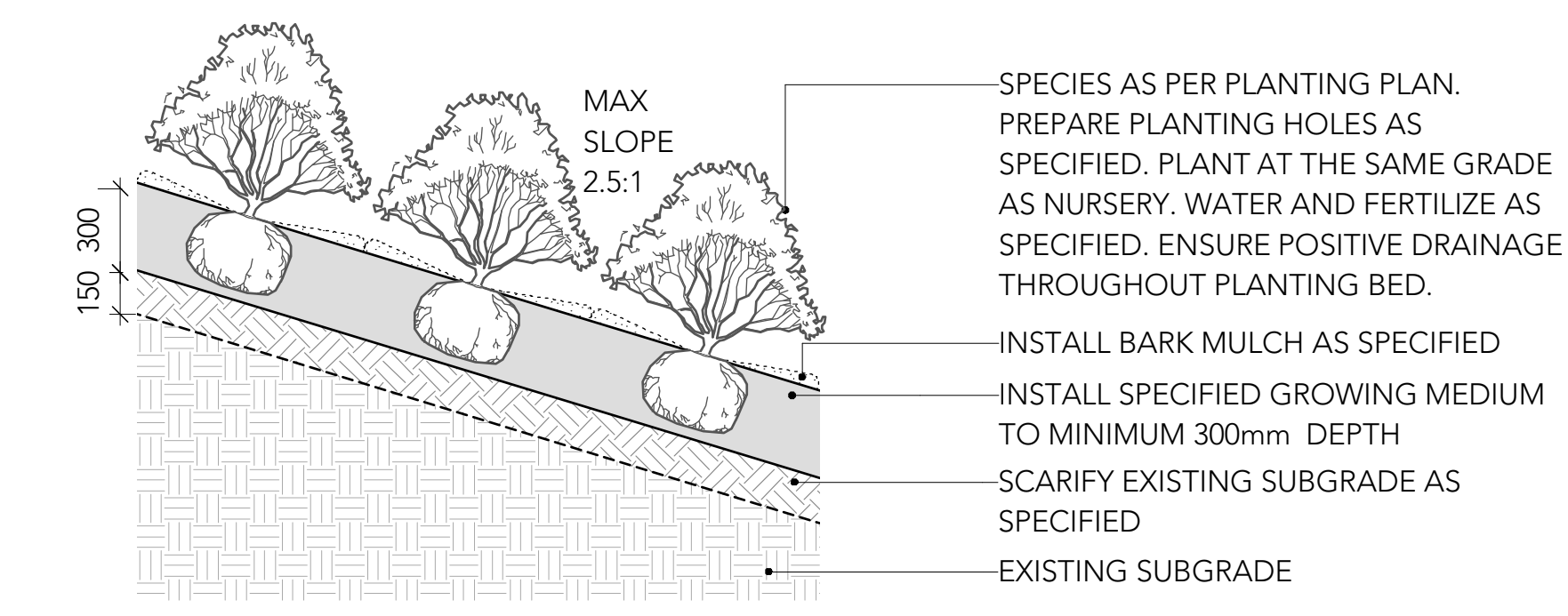
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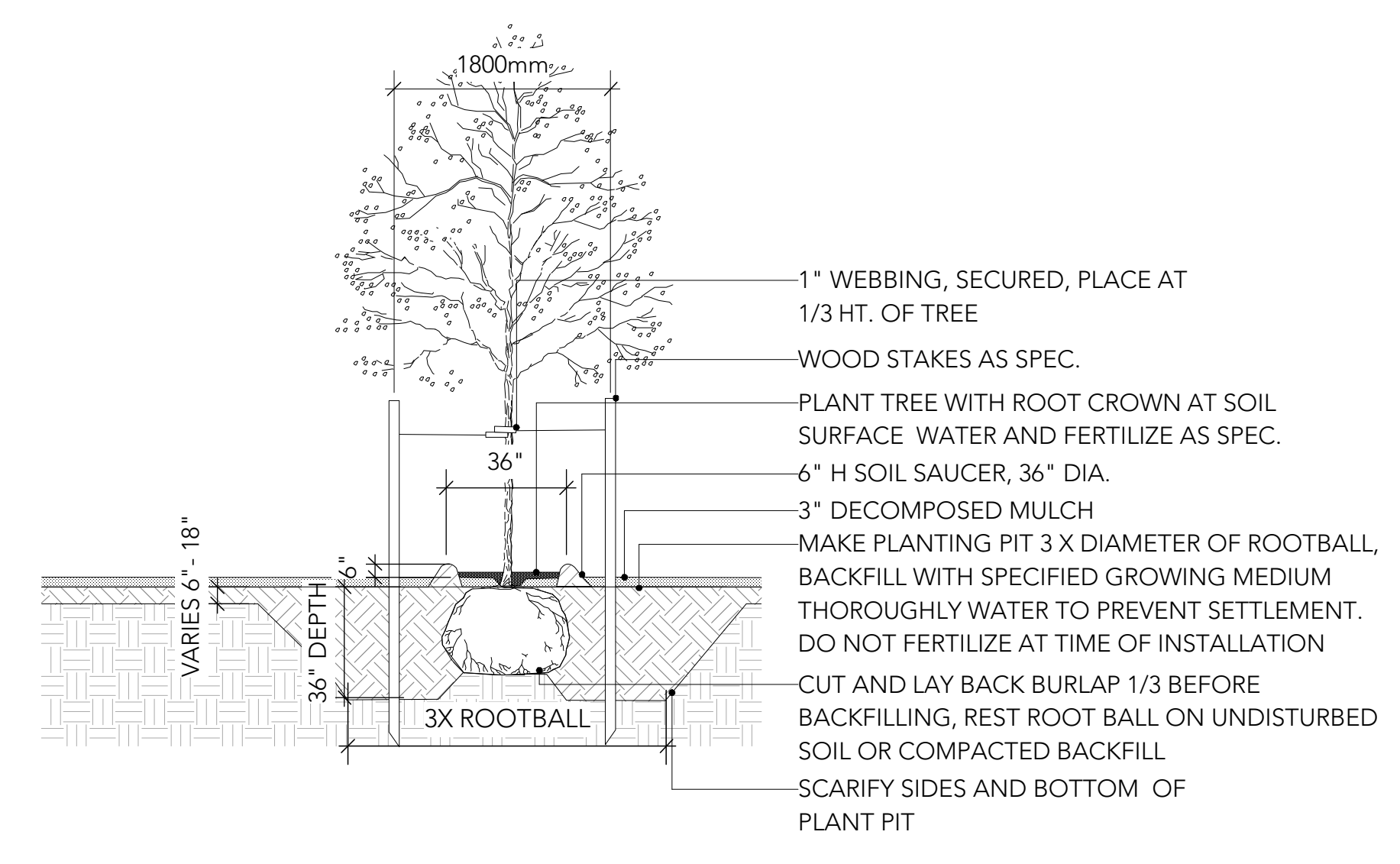
19WB-



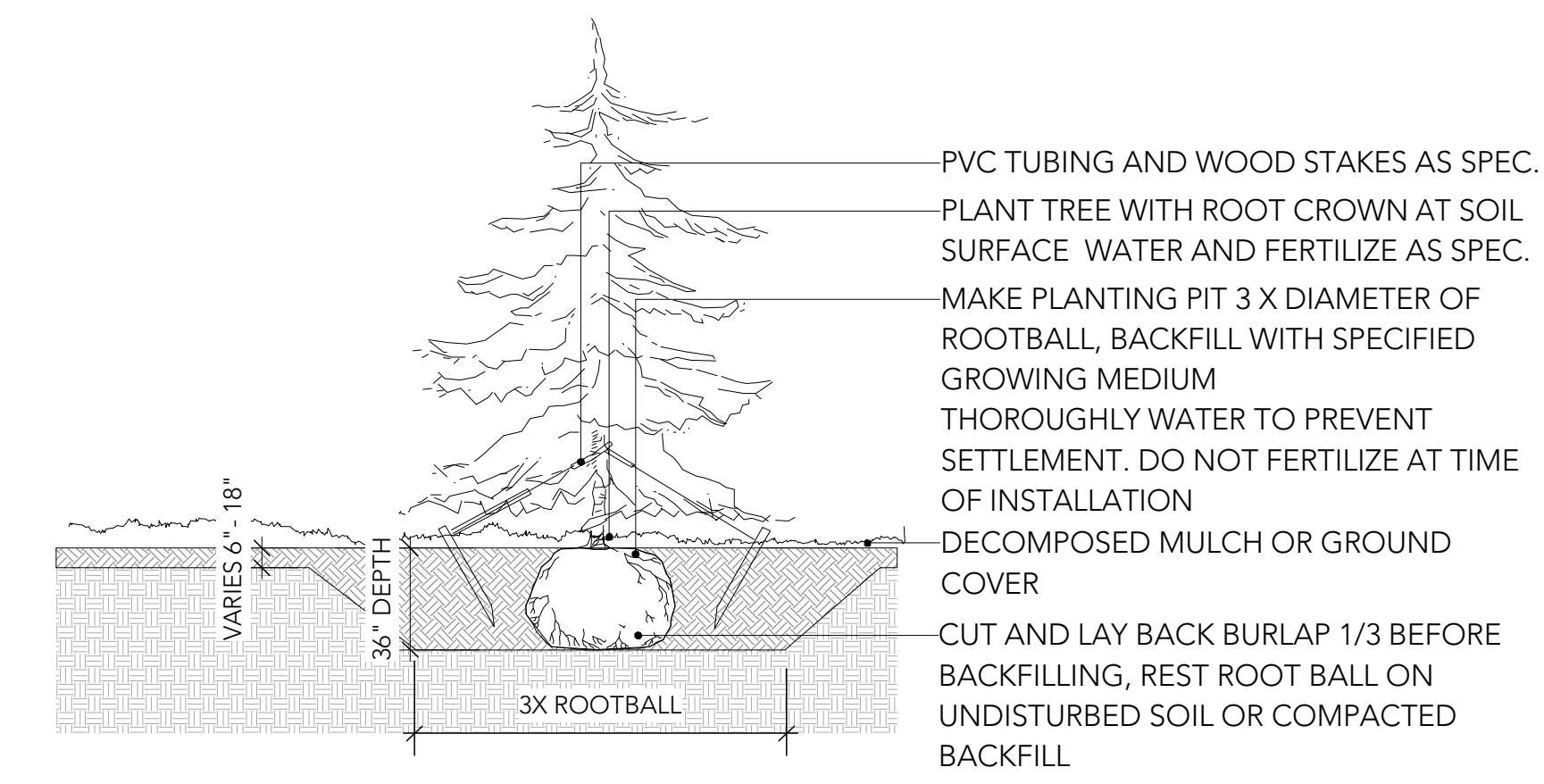
1 PROPOSED SHRUB PLANTING - TYPICAL
1/2" = 1'-0"



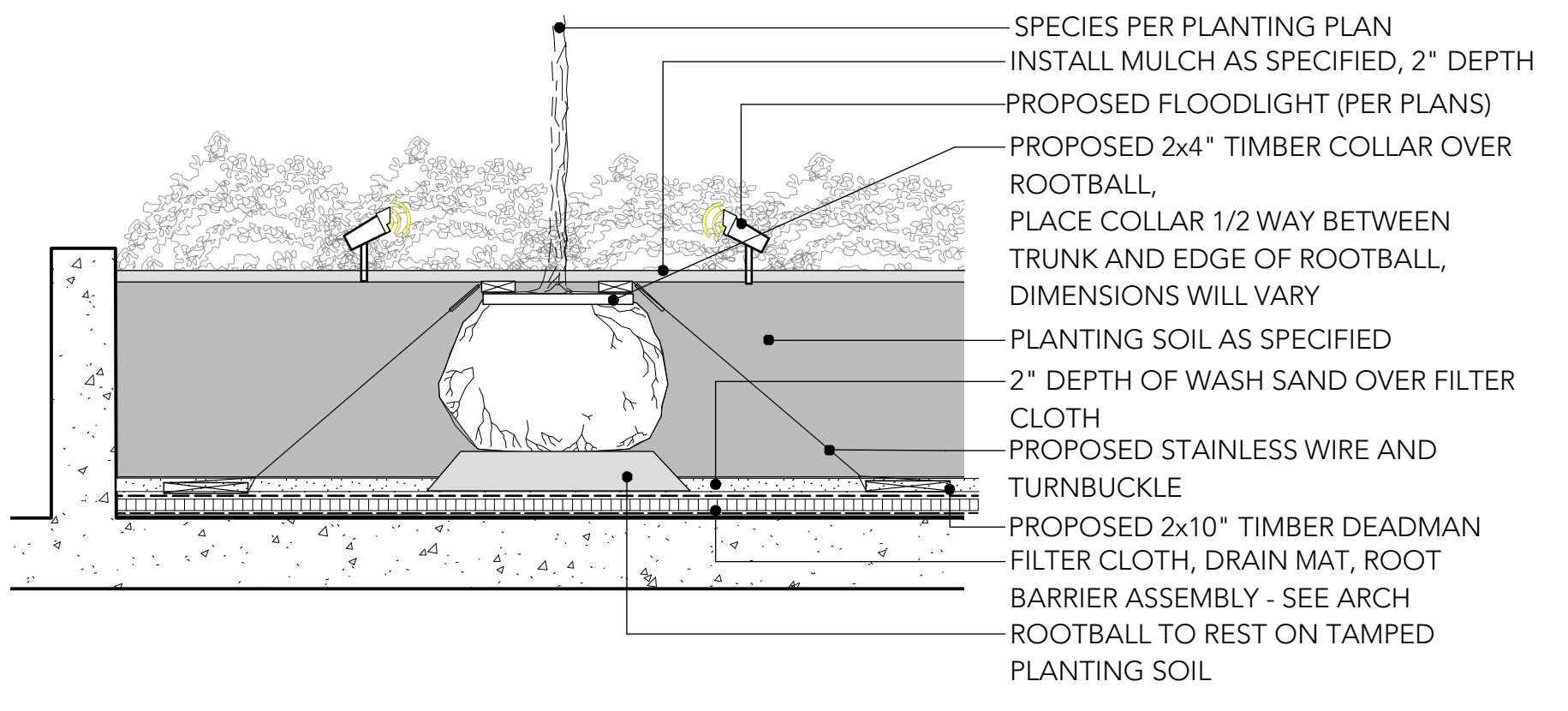
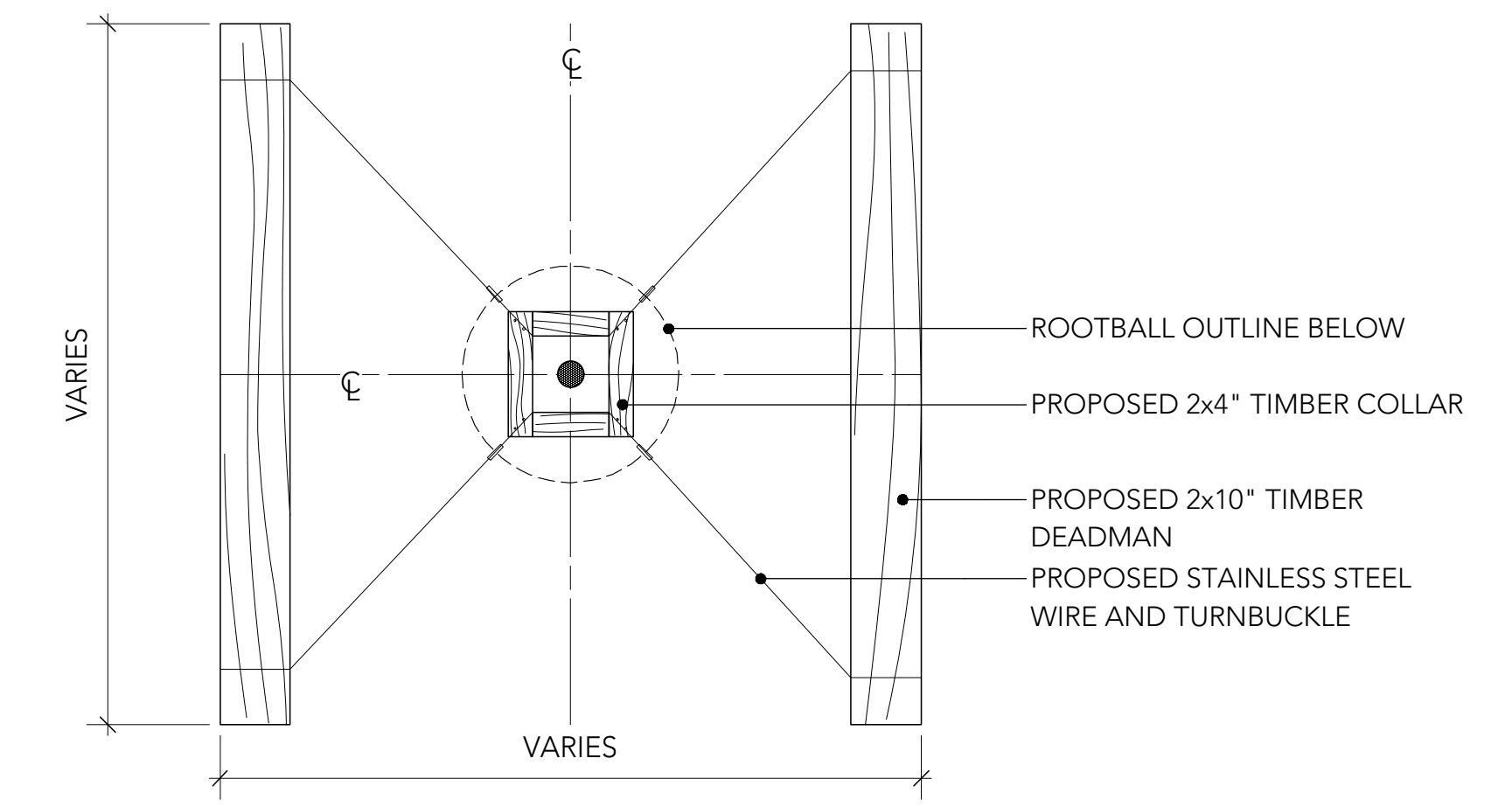
3 SHRUB PLANTING - ON SLOPE
1/2" = 1'-0"



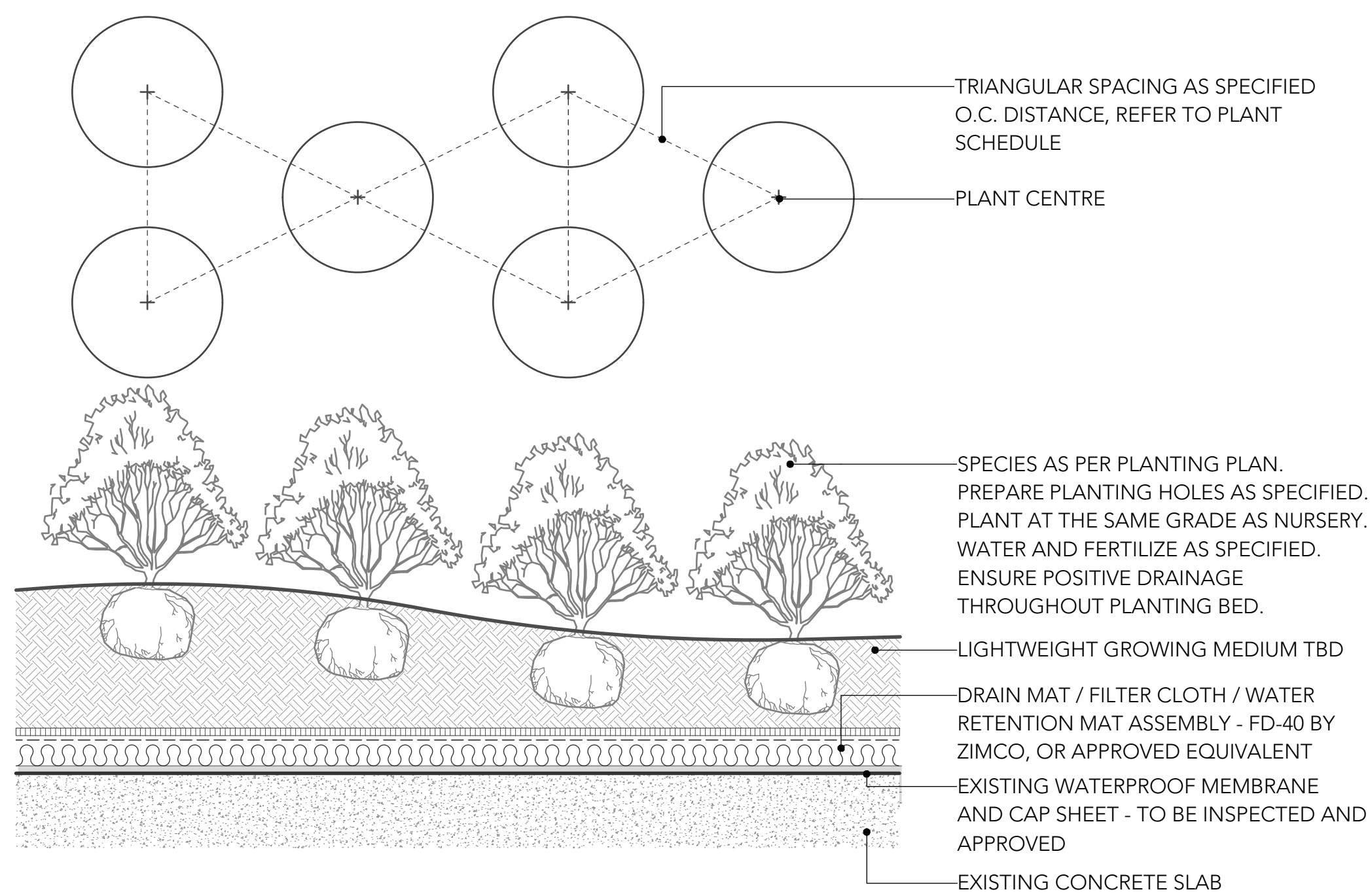
2 DECIDUOUS TREE PLANTING
1/4" = 1'-0"



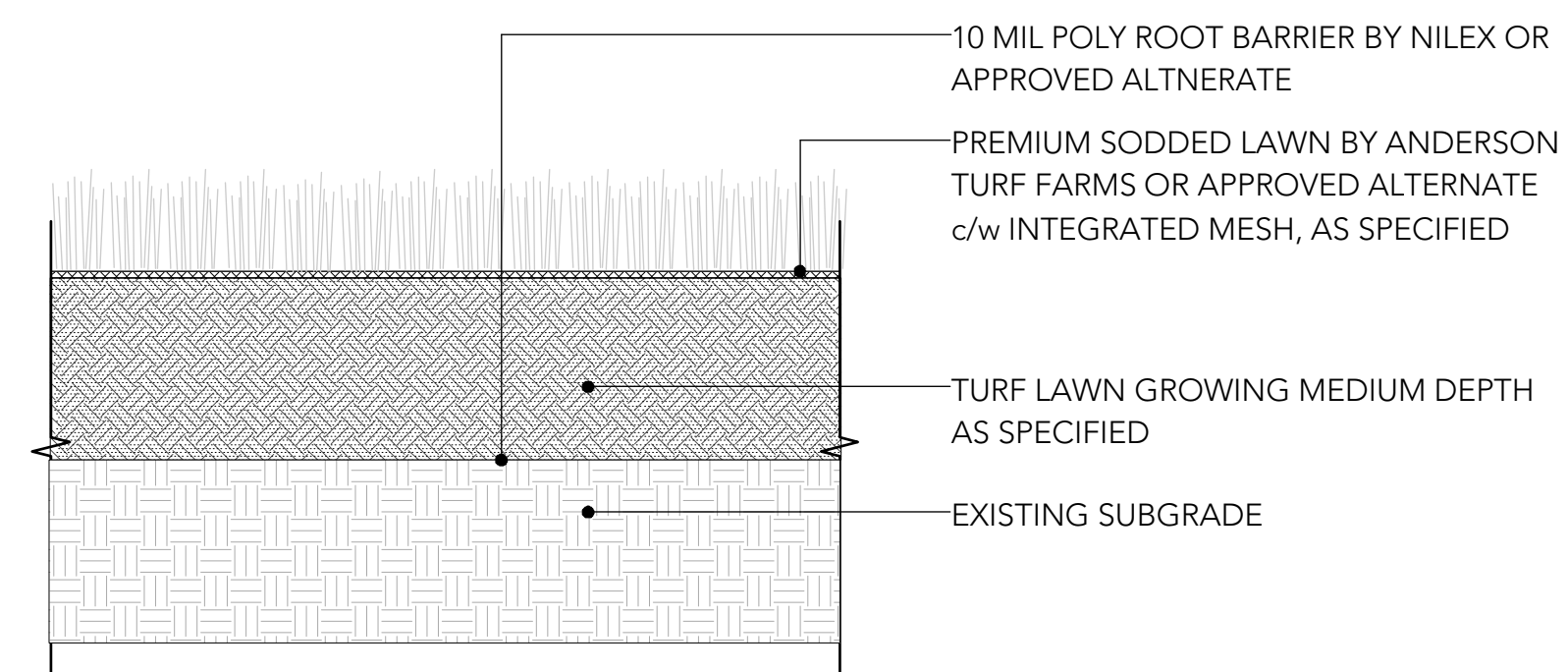
4 SHRUB PLANTING - ON SLOPE
1/4" = 1'-0"



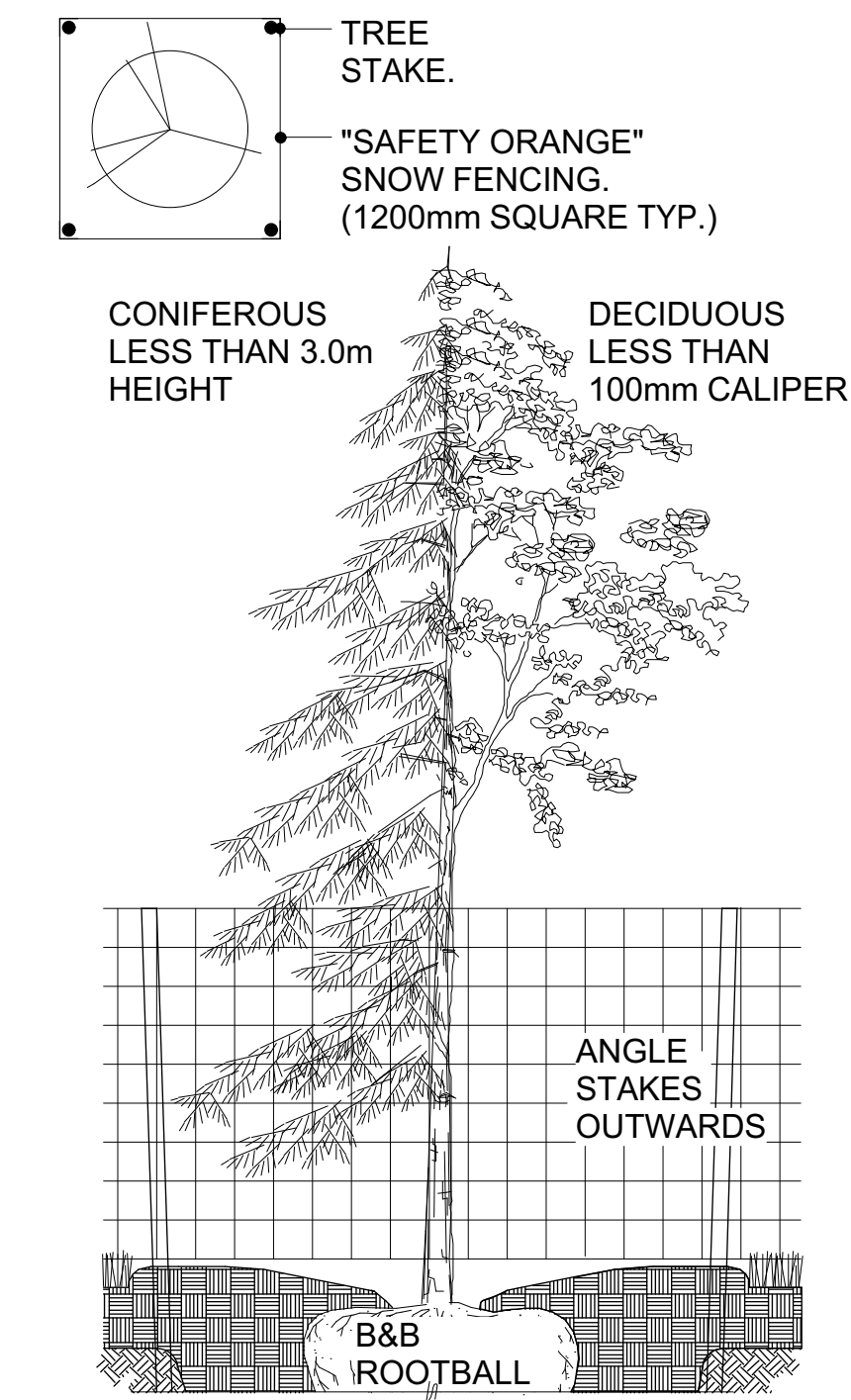
5 TREE PLANTING ON SLAB
1/2" = 1'-0"



1 SHRUB PLANTING ON SLAB
1" = 1'-0"



2 SODDED LAWN ON GRADE - CITY BLVD.
1" = 1'-0"



3 TREE PROTECTION DETAIL
1/2" = 1'-0"

- NOTES:**
- SPECIFICATIONS: ALL COMPONENTS AND WORKMANSHIP TO CONFORM TO BCLNA STANDARDS TYPICAL.
 - POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS IF MINIMUM UTILITY SETBACKS PERMIT.
 - ALL TREE STAKES TO HAVE A MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
 - ALL ROOTBALL HOLES TO BE DUG BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
 - FOR TREES WITH DRIPLINES FROM 3m -5m FROM CONSTRUCTION ACTIVITY, PLACE STANDARD 'SAFETY ORANGE' SNOW FENCE MIN. OF 4.5m FROM TREE TRUNK. EXACT SIZE/SHAPE TO BE DETERMINED ON SITE.
 - FOR EXCAVATION WITHIN 1-3m OF ANY TREE'S DRIPLINE, ROOT PRUNING REQUIRED TO A DEPTH OF 500mm.
 - IMMEDIATELY AFTER EXCAVATION, PRUNE ALL EXPOSED ROOTS FLUSH WITH THE EXCAVATION WALL. A MINIMUM OF 25% OF ANY TREE'S
 - ROOTS AT THE DRIPLINE SHOULD BE IMPACTED BY EXCAVATION IF THE TREE IS EXPECTED TO SURVIVE.
 - INSTALL AND MAINTAIN HOARDING IN CLEAN AND SAFE CONDITION THROUGHOUT CONSTRUCTION PROCESS.
 - HOARDING REQUIREMENTS ARE ON ALL EXISTING TREES THROUGHOUT CONSTRUCTION.
 - ALL EQUIPMENT, SOIL, BUILDING MATERIAL AND OTHER DEBRIS SHALL BE KEPT OUTSIDE THE HOARDING.
 - IF HOARDING IS PUNCTURED AND DAMAGE OCCURS TO HOARDED TREE(S), NOTIFY LANDSCAPE ARCHITECT.