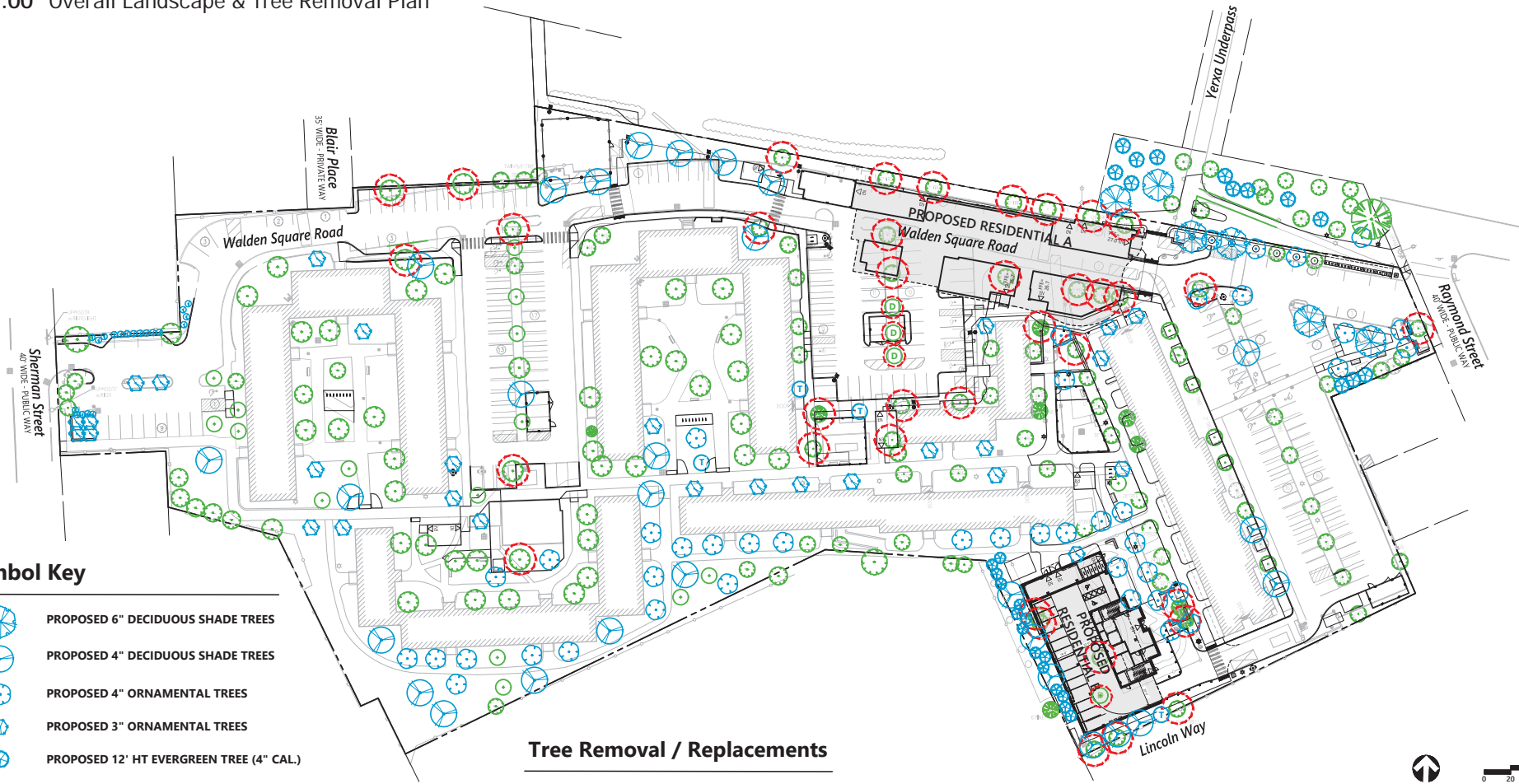













L1.00 Overall Landscape & Tree Removal Plan



Symbol Key

-  PROPOSED 6" DECIDUOUS SHADE TREES
-  PROPOSED 4" DECIDUOUS SHADE TREES
-  PROPOSED 4" ORNAMENTAL TREES
-  PROPOSED 3" ORNAMENTAL TREES
-  PROPOSED 12' HT EVERGREEN TREE (4" CAL.)
-  PROPOSED 7' HT EVERGREEN TREE (2" CAL.)
-  EXISTING DONATED TREES
-  DONATED TREES TO BE TRANSPLANTED
-  TRANSPLANTED DONATED TREES
-  TREES TO BE REMOVED
-  TREES TO BE PRESERVED

Tree Removal / Replacements

37 TREES TO BE REMOVED		
576 CALIPER INCHES OF TREES TO BE REMOVED		
20 TREES * HAVE BEEN DONATED AND INSTALLED ** 40 CAL. INCHES		
536 CALIPER INCHES REQ.		
* 2" CALIPER ASSUMED		
** 6 DONATED TREES NOT FOUND		
152 PROPOSED TREES		
29	4" DECIDUOUS SHADE TREES	116 CAL. IN.
6	6" DECIDUOUS SHADE TREES	36 CAL. IN.
30	3" ORNAMENTAL TREES	90 CAL. IN.
39	4" ORNAMENTAL TREES	156 CAL. IN.
28	12' HT. EVERGREEN TREES	112 CAL. IN.
20	6' HT. EVERGREEN TREES	40 CAL. IN.
TOTAL		550 CALIPER INCHES PROPOSED

Bike Parking Summary Chart

Description	Size	Capacity
BIKE SHELTER 1	16 x 13	6
BIKE SHELTER 2	16 x 28	16
BIKE SHELTER 3	16 x 13	6
BIKE SHELTER 4	16 x 25	14
BIKE ENCLOSURE IN BUILDING A	20 x 21	20
BIKE ENCLOSURE IN BUILDING B	15 x 21	12
EXTERIOR BIKE RACKS		10
TOTAL SPACES		84

AHO REQUIREMENTS (Calculated for New Buildings Only):
 1.00 space per unit for the first 20 units in a building.
 1.05 spaces per unit for additional units.
 Building A: 60 Units 20+42 = 62 required
 Building B: 35 Units 20+16 = 36 required
 Required Long Term Bicycle Spaces = 98 Spaces* 74 Provided

**Includes 28-space reduction per Section 11.207.6.4 of the AHO zoning bylaws*

Required Short Term Bicycle Spaces = 10 Spaces 10 Provided

Note: 32 Short Term spaces (16 bikeracks) provided to replace existing bike racks in the two large courtyards.



04 Proposed Conditions Plans – Deciduous & Evergreen Tree Palette



Acer Rubrum 'Armstrong'
Armstrong Red Maple



Acer Rubrum 'Bowhall'
Bowhall Red Maple



Ulmus parvifolia 'Allee'
Allee Elm



Acer Rubrum 'October Glory'
Armstrong Red Maple



Planatus acerifolia
London Planetree



Thuja occidentalis 'Nigra'
Dark American Arborvitae



Picea glauca
White Spruce

04 Proposed Conditions Plans –Flowering Tree Palette



Amelanchier laevis 'Snowcloud'
Snowcloud Serviceberry



Cercis canadensis 'Forest Pansy'
Forest Pansy Redbud



Cercis Canadensis 'Little Woody'
Little Woody Redbud

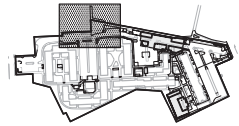


Cornus florida 'Cherokee princess'
Cherokee princess Dogwood

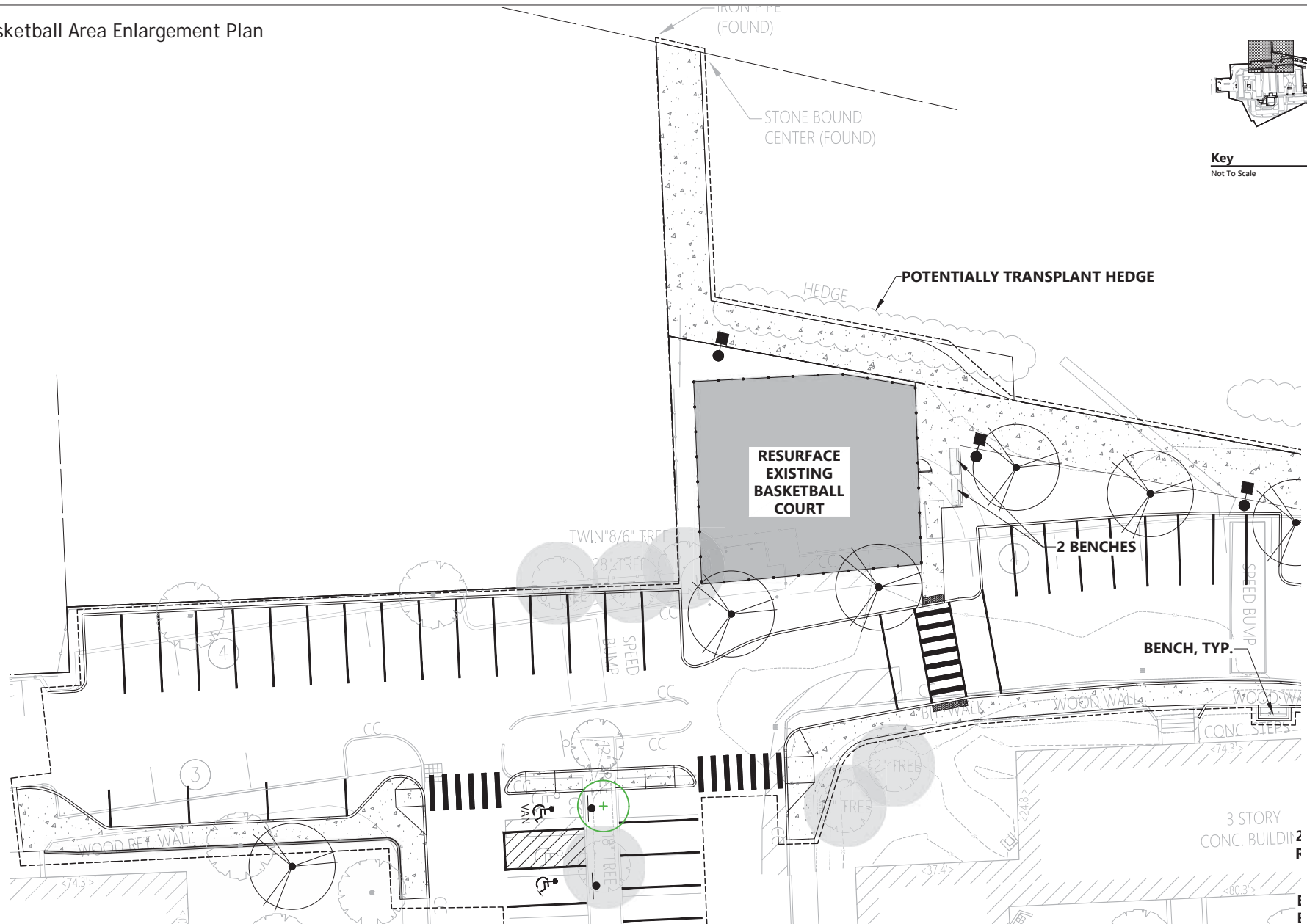


Syringa reticulata 'Ivory Pillar'
Ivory Pillar Japanese Tree lilac

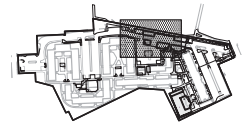
L1.01 Basketball Area Enlargement Plan



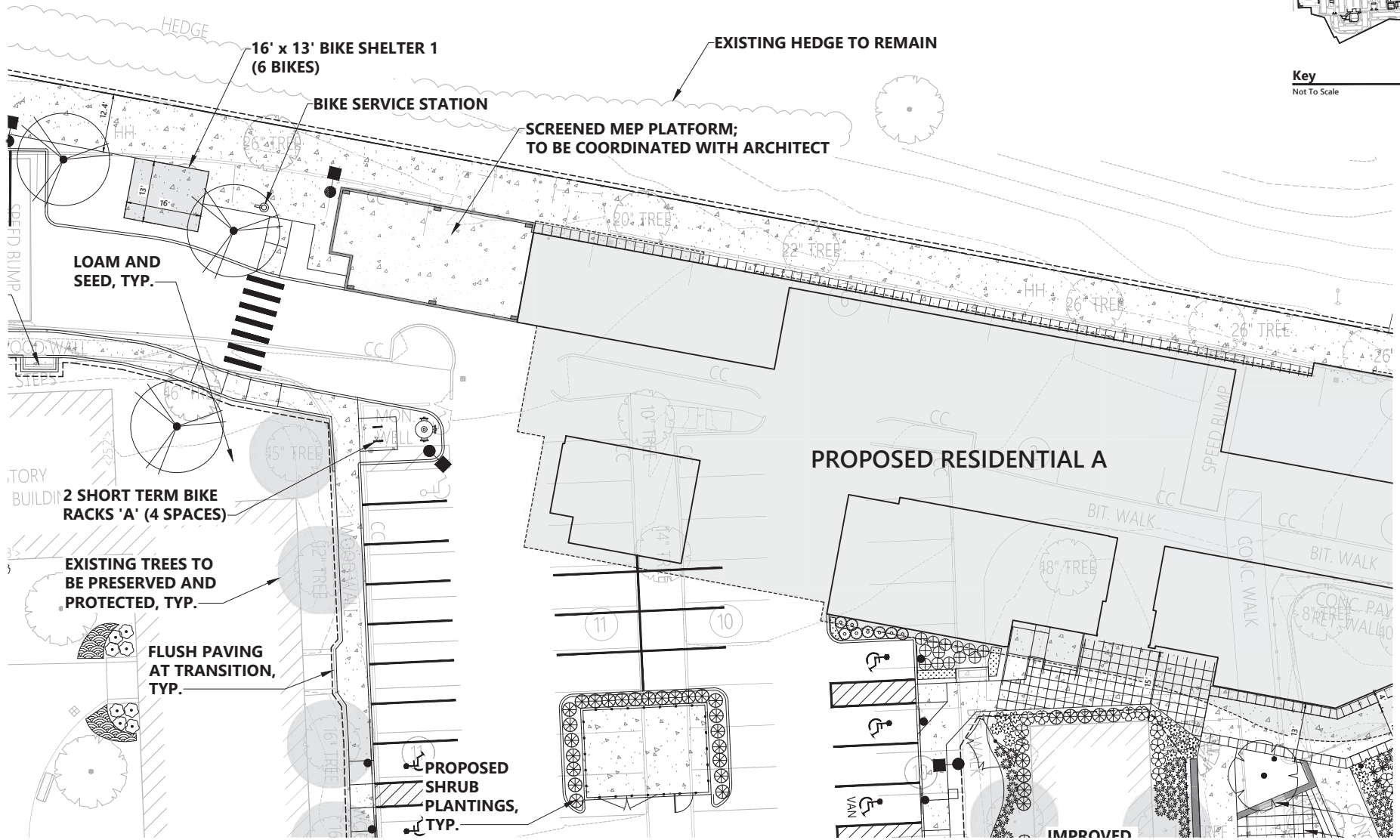
Key
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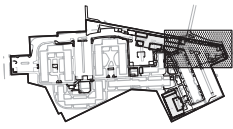
L1.02 West Area Enlargement Plan



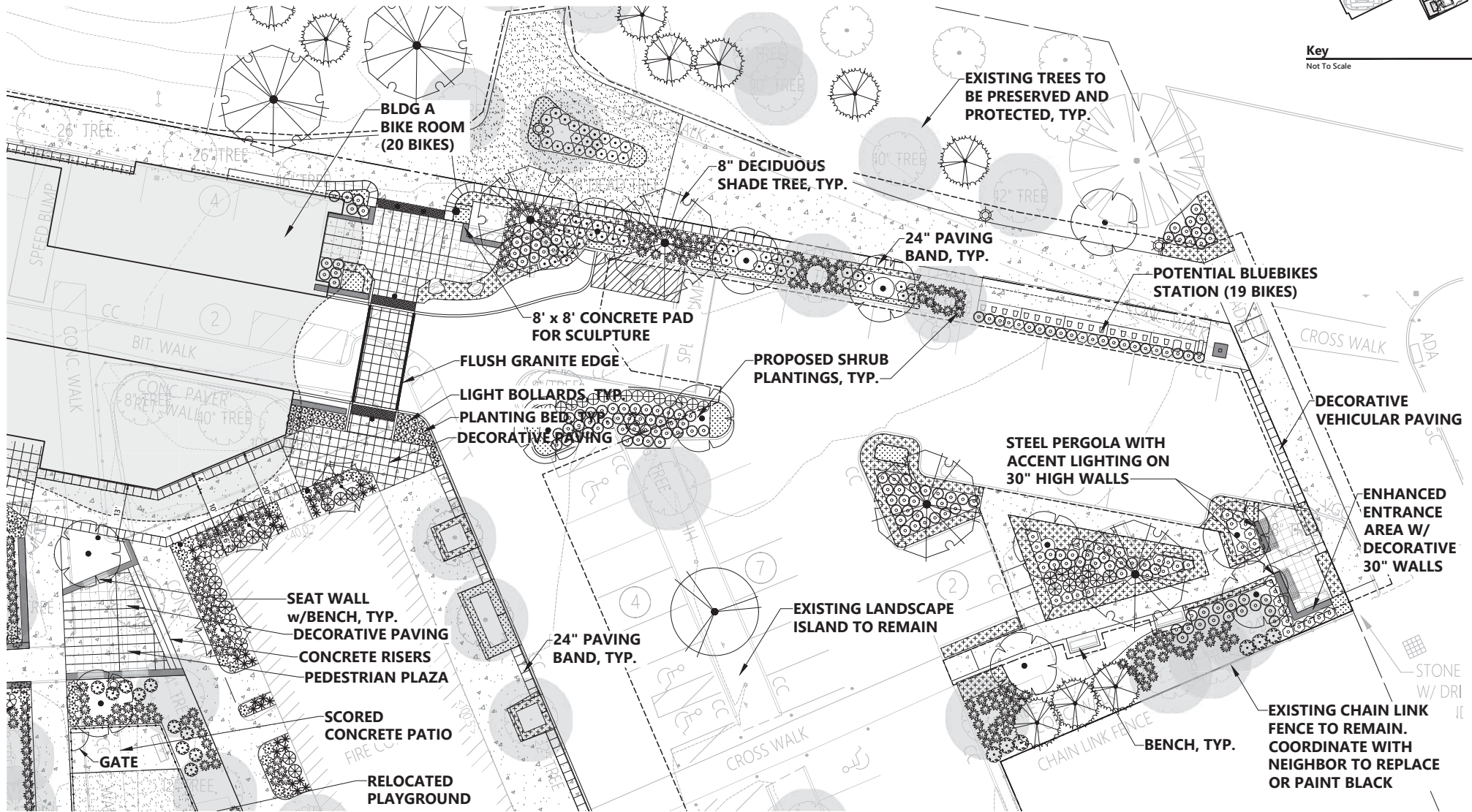
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L1.03 East Area Enlargement Plan

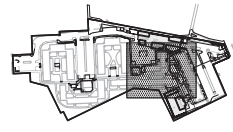
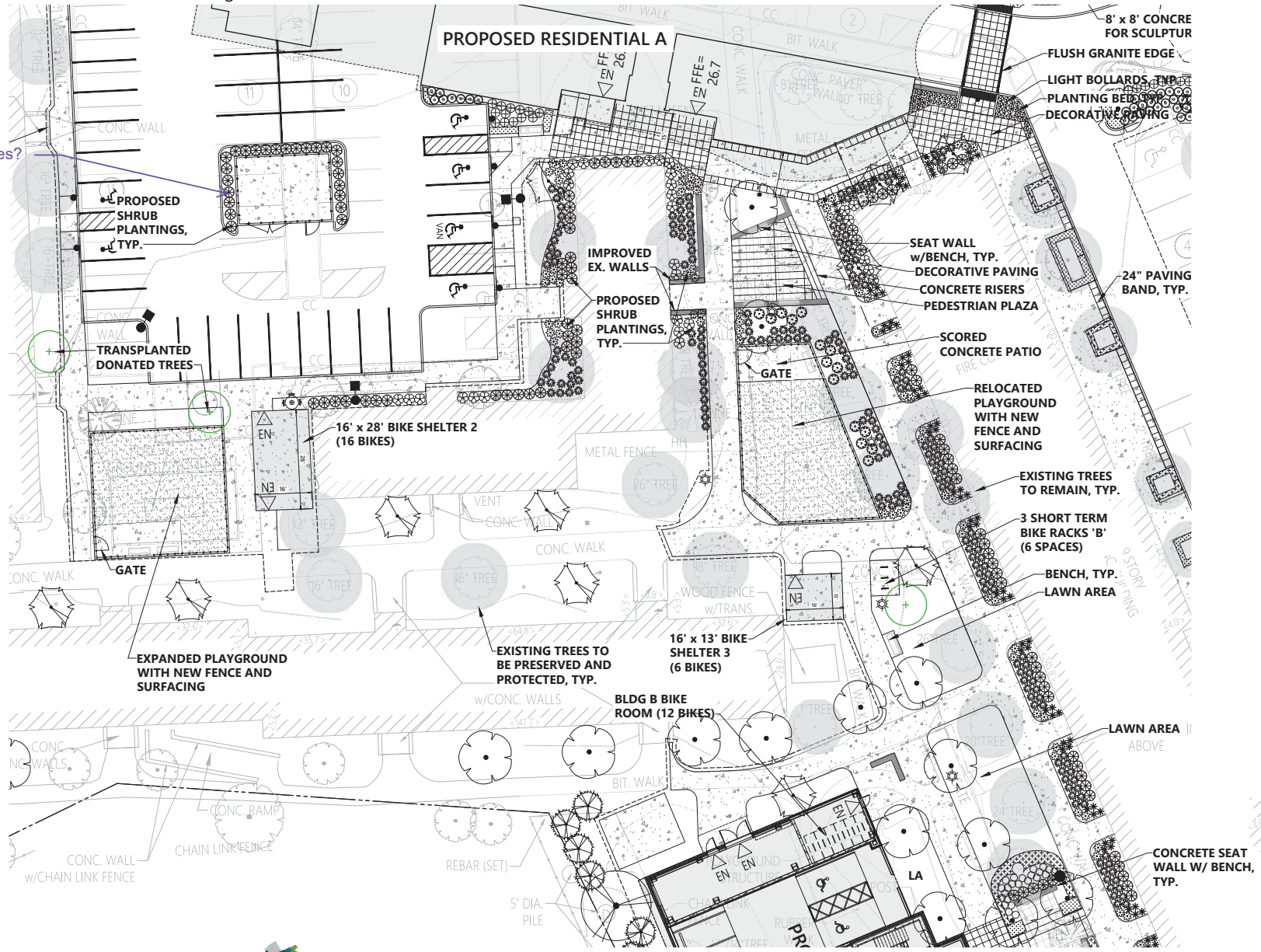


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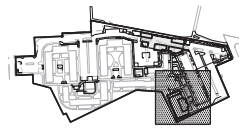
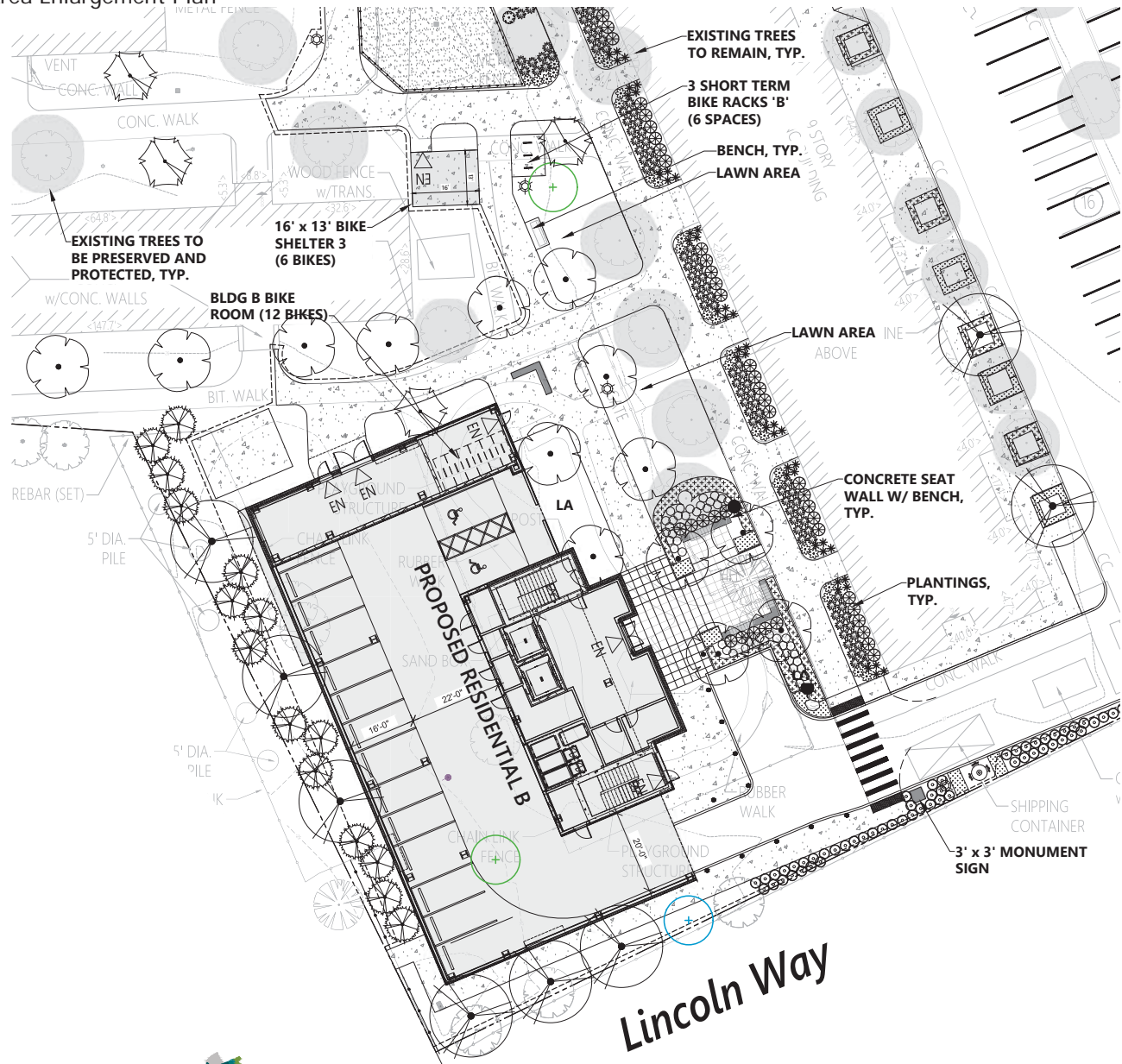
L1.04 Central Common Area Enlargement Plan

can we add trees?



Key
Not To Scale

L1.05 Building 8 Area Enlargement Plan



Key
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L2.01 Tree Planting Plan

PLANT SCHEDULE			
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME
DL	40	Diervilla lonicera	Dwarf Bush Honeysuckle
DOB	80	Ilia glabra 'Gem Star'	Gem Star Honeysuckle
JRH	58	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Creeping Juniper
JW	32	Juniperus horizontalis 'Wiltonii'	Blue Rug Juniper
KLS	18	Kalmia latifolia 'Sarah'	Sarah Mountain Laurel
KLP	29	Kalmia latifolia Pink Charm	Pink Charm Mountain Laurel
LF	32	Leucothoe fontaneana Silver Run	Silver Run Drooping Leucothoe
PCJ	13	Physocarpus opulifolius 'Podaras 3 TM'	Lemon Candy Dwarf Ninebark
VA	15	Viburnum acerifolium	Mapleleaf Viburnum
VC	8	Viburnum carlesii	Korean Spice Viburnum
ORNAMENTAL GRASSES			
QTY	BOTANICAL NAME	COMMON NAME	SIZE
7	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#2 POT
279	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	#2 POT
PERENNIALS			
QTY	BOTANICAL NAME	COMMON NAME	SIZE
75	Aster divaricatus	Wine Wood Aster	#1 POT
322	Deinostactis punctiflora	Hay-scented Fern	#1 POT
51	Hemerocallis x 'Happy Returns'	Happy Returns Dwarf Daylily	#1 POT
39	Hemerocallis x 'Rooey Returns'	Rooey Returns Daylily	#1 POT
78	Iris versicolor	Blue Flag Iris	#2 POT
GROUND COVERS			
QTY	BOTANICAL NAME	COMMON NAME	SIZE
103	Astibe chinensis 'Little Vision in Pink'	Little Vision in Pink Astilbe	#1 POT
1217	Dryopteris marginalis	Marginal Wood Fern	#1 POT
255	Liriope muscari 'Big Blue'	Big Blue Lilyturf	#2 POT
689	Rubusackia x 'Little Suzy'	Little Suzy Convolvulor	#1 POT

PLANT SCHEDULE			
DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME
AA	6	Acer rubrum 'Armstrong'	Armstrong Red Maple
AB	10	Acer rubrum 'Bowhall'	Bowhall Red Maple
AB4	2	Acer rubrum 'October Glory'	October Glory Maple
AB6	2	Acer rubrum 'October Glory'	October Glory Maple
PA4	5	Platanus acerifolia	London Plane Tree
PA6	2	Platanus acerifolia	London Plane Tree
UP	2	Ulmus parvifolia 'Atter'	Atter Elm
550 CAL. IN. TOTAL			
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME
TT	20	Thuja occidentalis 'Nigra'	White Spruce
TO	20	Thuja occidentalis 'Nigra'	Dark American Arborvitae
12 CAL. IN. 4" CAL. ASSUMED			
40 CAL. IN. 2" CAL. ASSUMED			
50 CAL. IN. TOTAL			
FLOWERING TREES	QTY	BOTANICAL NAME	COMMON NAME
AL	18	Azalea x 'Snohoad'	Snohoad Sarsaparilla
FPR	25	Cercis canadensis 'Forest Pansy'	Forest Pansy Redbud
LWR	5	Cornus canadensis 'Little Woody'	Little Woody Dogwood
CF	6	Cornus florida 'Cherokee Princess'	Cherokee Princess Dogwood
SR	14	Syringa reticulata 'Ivory Pillar'	Ivory Pillar Japanese Tree Lilac
12 CAL. IN. 4" CAL. ASSUMED			
40 CAL. IN. 2" CAL. ASSUMED			
50 CAL. IN. TOTAL			

- ### Planting Notes
- ALL PROPOSED PLANTING LOCATIONS SHALL BE STAKED AS SHOWN ON THE PLANS FOR FIELD REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - CONTRACTOR SHALL VERIFY LOCATIONS OF ALL BELOW GRADE AND ABOVE GROUND UTILITIES AND NOTIFY OWNERS REPRESENTATIVE OF CONFLICTS.
 - NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA INDICATED ON THE PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
 - A 3 INCH DEEP MULCH PER SPECIFICATION SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS, AND IN ALL PLANTING BEDS, UNLESS OTHERWISE INDICATED ON THE PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
 - ALL TREES SHALL BE BALLED AND BURLEAPPED, UNLESS OTHERWISE NOTED IN THE DRAWINGS OR SPECIFICATION, OR APPROVED BY THE OWNER'S REPRESENTATIVE.
 - FINAL QUANTITY FOR EACH PLANT TYPE SHALL BE AS GRAPHICALLY SHOWN ON THE PLAN. THIS NUMBER SHALL TAKE PRECEDENCE IN CASE OF ANY DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLAN LIST AND ON THE PLAN. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLAN LIST AND PLANT LABELS PRIOR TO BIDDING.
 - ANY PROPOSED PLANT SUBSTITUTIONS MUST BE REVIEWED BY LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER'S REPRESENTATIVE.
 - ALL PLANT MATERIALS INSTALLED SHALL MEET THE SPECIFICATIONS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND CONTRACT DOCUMENTS.
 - ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
 - AREAS DESIGNATED "LOAM & SEED" SHALL RECEIVE MINIMUM 6" OF LOAM AND SPECIFIED SEED MIX. LAWNS OVER 2.1 SLOPE SHALL BE PROTECTED WITH EROSION CONTROL FABRIC.
 - ALL DISTURBED AREAS NOT OTHERWISE NOTED ON CONTRACT DOCUMENTS SHALL BE LOAM AND SEED OR MULCHED AS DIRECTED BY OWNER'S REPRESENTATIVE.
 - THIS PLAN IS INTENDED FOR PLANTING PURPOSES. REFER TO SITE / CIVIL DRAWINGS FOR ALL OTHER SITE CONSTRUCTION INFORMATION.

- ### Tree Protection
- EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH TEMPORARY CONSTRUCTION FENCE. ERECT FENCE AT EDGE OF THE TREE DRUM PRIOR TO START OF CONSTRUCTION.
 - CONTRACTOR SHALL NOT OPERATE VEHICLES WITHIN THE TREE PROTECTION AREA. CONTRACTOR SHALL NOT STORE VEHICLES OR MATERIALS, OR DISPOSE OF ANY WASTE MATERIALS, WITHIN THE TREE PROTECTION AREA.
 - DAMAGE TO EXISTING TREES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY A CERTIFIED ARBORIST AT THE CONTRACTOR'S EXPENSE.

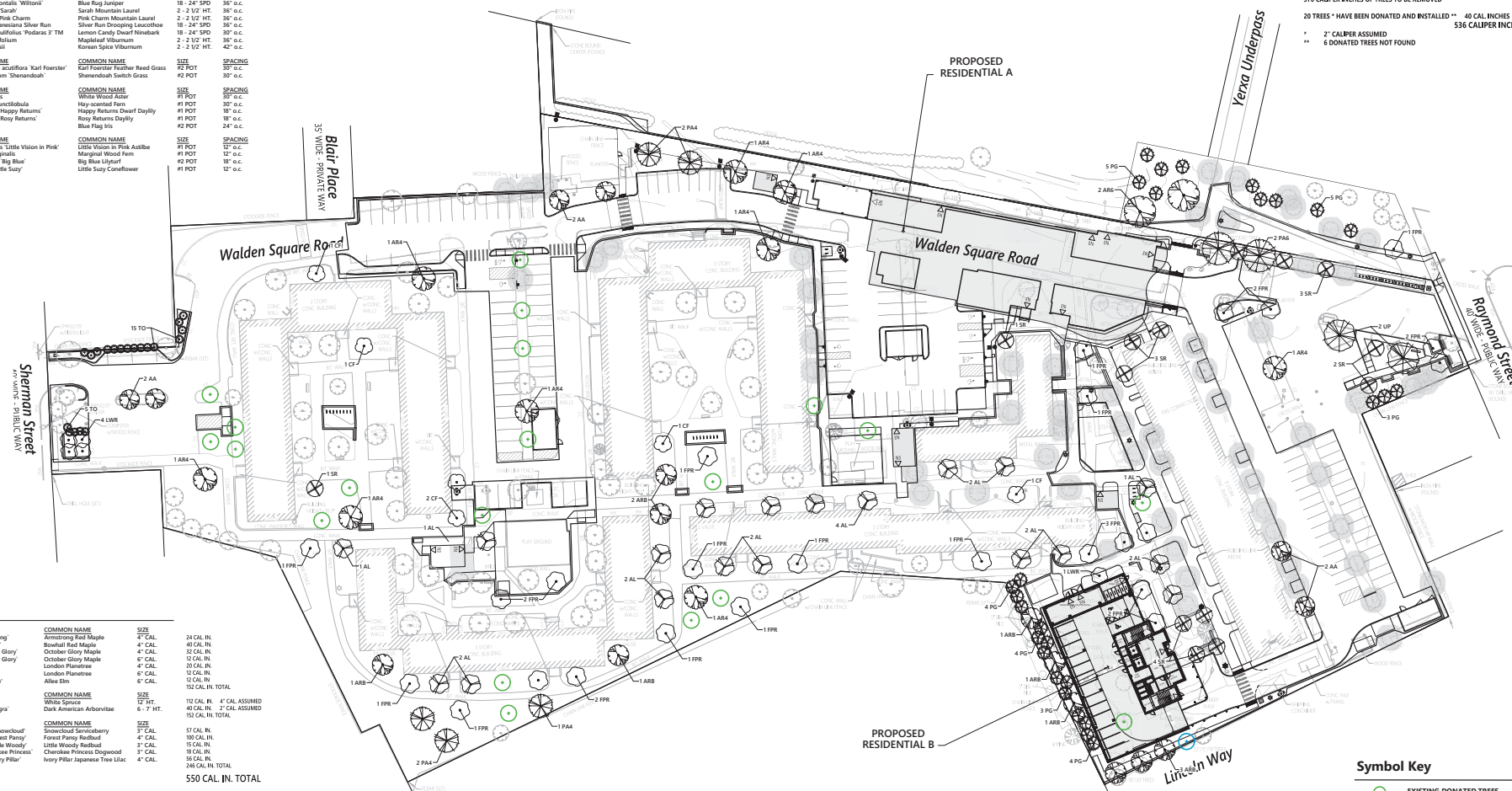
- ### Plant Maintenance Notes
- CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE LAWNS AND PLANTINGS. NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW LAWNS AND PLANTINGS DURING THE ONE YEAR PLANT GUARANTEE PERIOD.
 - CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE LANDSCAPE MAINTENANCE WORK. WATER SHALL BE PROVIDED BY THE CONTRACTOR.
 - WATERING SHALL BE REQUIRED DURING THE GROWING SEASON, WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.
 - WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.
 - CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE FACILITY MAINTENANCE STAFF AT THAT TIME.

- ### Plant List
- Note:
Plants shall be a selection of the following materials:
- Shrubs**
 Castilleja 'Hummingbird', Summerweet
 Ilex glabra 'Shamrock', Inkberry Holly
 Ilex verticillata 'Red Spirit', Winterberry
 Rhododendron canadense 'Albiflorum'
 Rhododendron 'Pinnatifidum', Azalea
 Kalmia latifolia 'Sarah', Mountain Laurel
 Physocarpus opulifolius 'Little Devil', Dwarf Ninebark
 Viburnum acerifolium, Mapleleaf Viburnum
- Perennials/Groundcover**
 Aster nov-bergi, Woods Pink - New York Aster
 Iris versicolor, Blue Flag Iris
 Juniperus horizontalis 'Bar Harbor'
 Juniperus communis, Green Carpet
 Rudbeckia fulgida 'Little Suzy', Black-eyed Susan
 Liriope muscari 'Big Blue', Lilyturf
 Penstemon alpestris 'Hamelin', Fountain Grass
 Calamagrostis x acutiflora, Karl Foerster - Feather Reed Grass
 Eragrostis spectabilis, Purple Love Grass
 Panicum virgatum 'Shenandoah', Switch Grass

- Ornamental trees**
 Amelanchier alnifolia, Sarsaparilla
 Cercis canadensis 'Little Wood' - Redbud
 Cornus x rugosipes 'Coralbells', Dogwood
 Cornus florida, Cherokee Princess - Dogwood
 Catalpa bignonioides, Thicket, Cucumber Hawthorn
 Syringa reticulata 'Ivory Pillar', Japanese Tree Lilac
- Evergreen trees**
 Thuja occidentalis 'Nigra', Dark American Arborvitae (8' - 7' H.)
- Shade Trees**
 Acer rubrum 'October Glory', Red Maple
 Acer rubrum 'Bowhall', Bowhall Red Maple
 Betula nigra 'Heritage', River Birch
 Ulmus parvifolia - Elm

Tree Removal / Replacements

- 37 TREES TO BE REMOVED
- 576 CALIPER INCHES OF TREES TO BE REMOVED
- 20 TREES * HAVE BEEN DONATED AND INSTALLED ** 40 CAL INCHES
- 536 CALIPER INCHES REQ.
- * 2" CALIPER ASSUMED
- ** 6 DONATED TREES NOT FOUND

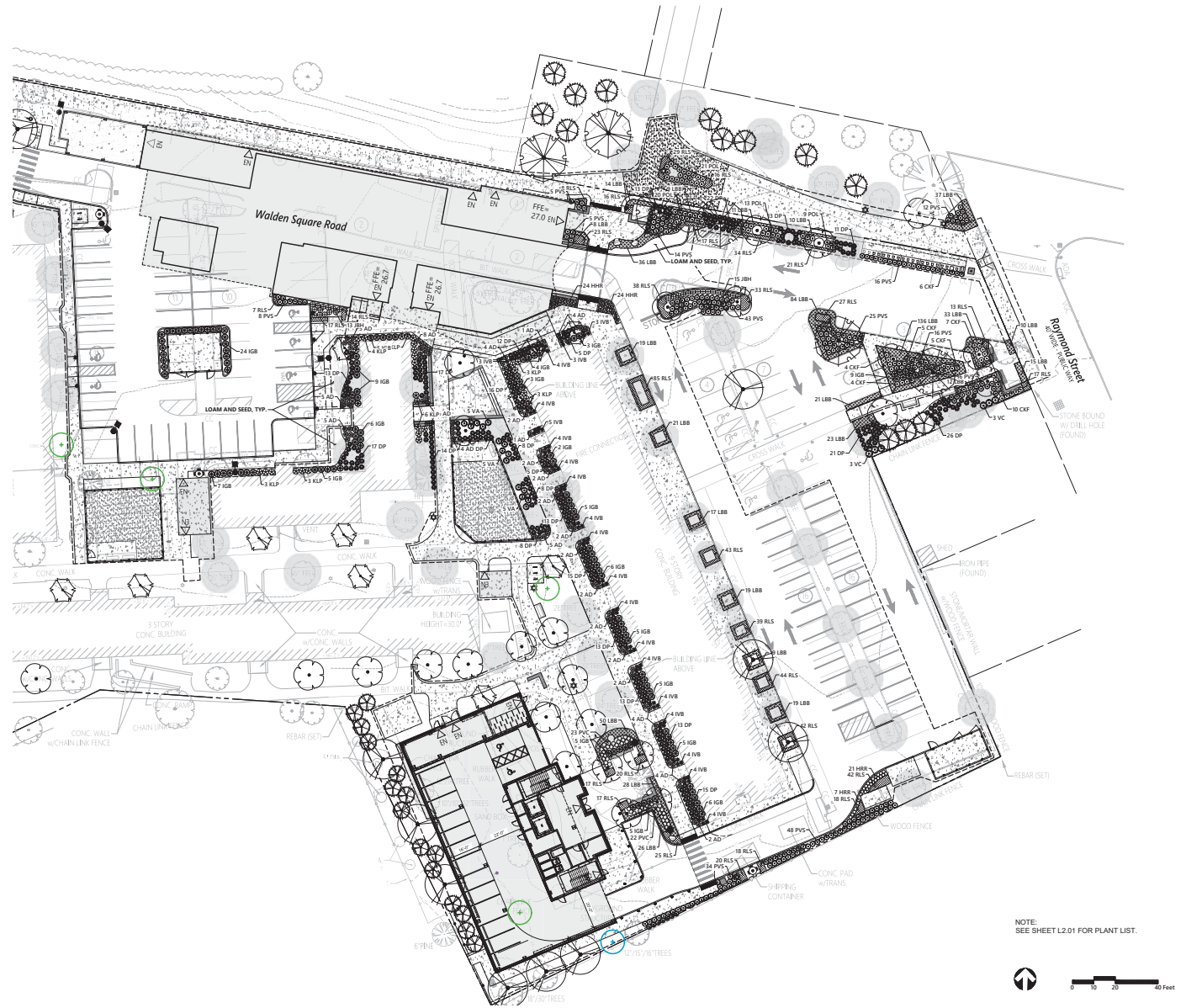


Symbol Key

- Green circle with tree icon: EXISTING DONATED TREES
- Blue circle with tree icon: TRANSPLANTED DONATED TREES
- Circle with tree icon and '6' inside: PROPOSED 6" DECIDUOUS SHADE TREES
- Circle with tree icon and '4' inside: PROPOSED 4" DECIDUOUS SHADE TREES
- Circle with tree icon and '4' inside: PROPOSED 4" ORNAMENTAL TREES
- Circle with tree icon and '3' inside: PROPOSED 3" ORNAMENTAL TREES
- Circle with tree icon and '12' inside: PROPOSED 12" HT EVERGREEN TREE (4" CAL.)

Scale: 0 15 30 60 Feet

L2.02 Shrub Planting Plan

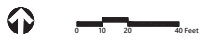


SHRUB PLANTING LIST

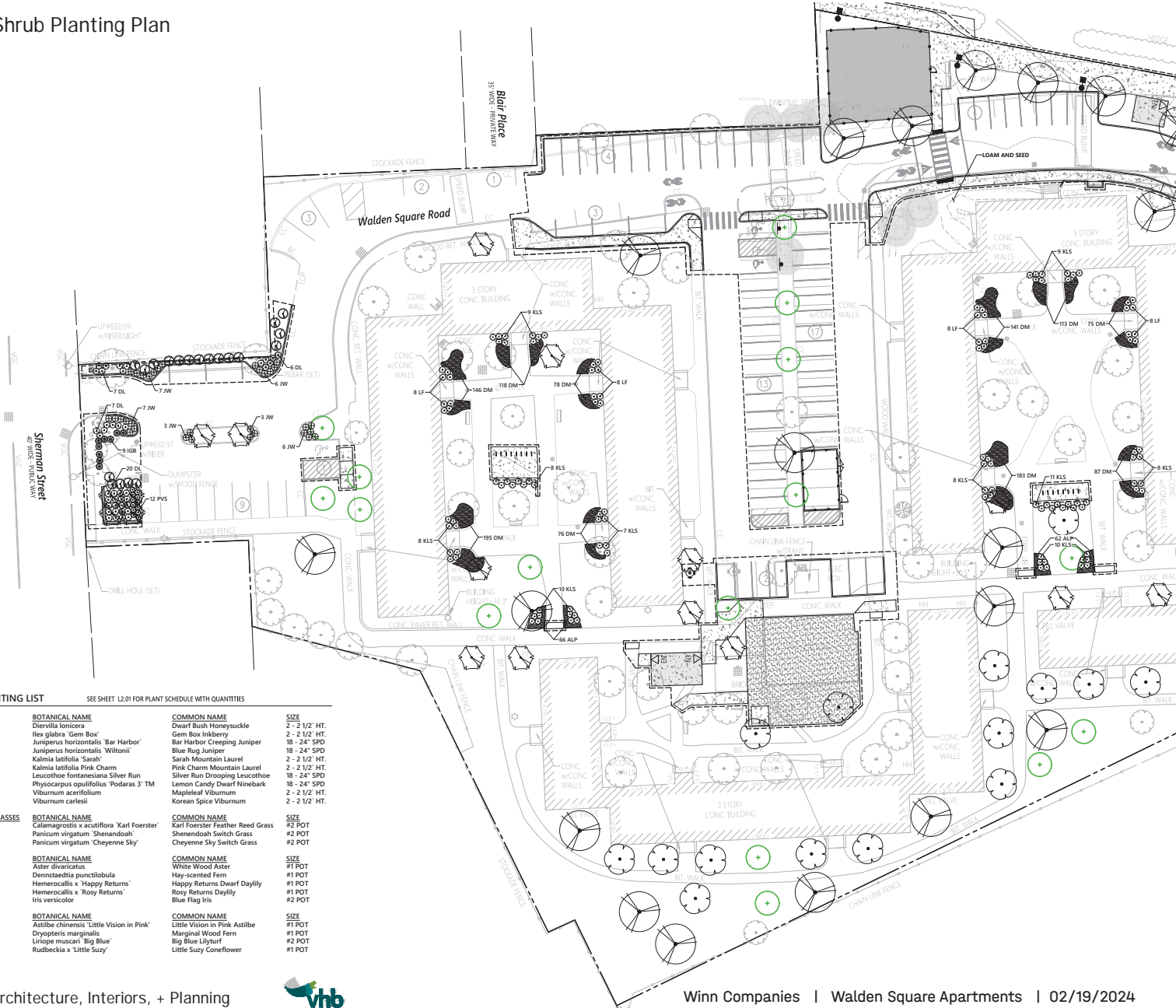
SEE SHEET L2.01 FOR PLANT SCHEDULE WITH QUANTITIES

SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE
DL	<i>Diervilla lonicera</i>	Dwarf Bush Honeysuckle	2 - 2 1/2' HT.
IGB	<i>Ilex glabra</i> 'Gem Box'	Gem Box Inkberry	2 - 2 1/2' HT.
JBH	<i>Juniperus horizontalis</i> 'Bar Harbor'	Bar Harbor Creeping Juniper	18 - 24" SPD
JW	<i>Juniperus horizontalis</i> 'Wiltonii'	Blue Rug Juniper	18 - 24" SPD
RLS	<i>Kalmia latifolia</i> 'Sarah'	Sarah Mountain Laurel	2 - 2 1/2' HT.
KLP	<i>Kalmia latifolia</i> 'Pink Charm'	Pink Charm Mountain Laurel	2 - 2 1/2' HT.
LF	<i>Leucothoe fontanesiana</i> 'Silver Run'	Silver Run Drooping Leucothoe	18 - 24" SPD
POL	<i>Physocarpus opulifolius</i> 'Podaras 3' TM	Lemon Candy Dwarf Ninebark	18 - 24" SPD
VA	<i>Viburnum acerifolium</i>	Mapleleaf Viburnum	2 - 2 1/2' HT.
VC	<i>Viburnum carlesii</i>	Korean Spice Viburnum	2 - 2 1/2' HT.
ORNAMENTAL GRASSES	BOTANICAL NAME	COMMON NAME	SIZE
CKF	<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	Karl Foerster Feather Reed Grass	#2 POT
PVS	<i>Panicum virgatum</i> 'Shenandoah'	Shenandoah Switch Grass	#2 POT
PVC	<i>Panicum virgatum</i> 'Cheyenne Sky'	Cheyenne Sky Switch Grass	#2 POT
PERENNIALS	BOTANICAL NAME	COMMON NAME	SIZE
AD	<i>Aster divaricatus</i>	White Wood Aster	#1 POT
DP	<i>Demissaedalia punctilobula</i>	Hay-scented Fern	#1 POT
HHR	<i>Hemerocallis x 'Happy Returns'</i>	Happy Returns Dwarf Daylily	#1 POT
HRR	<i>Hemerocallis x 'Rosy Returns'</i>	Rosy Returns Daylily	#1 POT
IVB	<i>Iris versicolor</i>	Blue Flag Iris	#2 POT
GROUND COVERS	BOTANICAL NAME	COMMON NAME	SIZE
ALP	<i>Astilbe chinensis</i> 'Little Vision in Pink'	Little Vision in Pink Astilbe	#1 POT
DM	<i>Dryopteris marginalis</i>	Marginal Wood Fern	#1 POT
LBB	<i>Liriope muscari</i> 'Big Blue'	Big Blue Lilyturf	#2 POT
RLS	<i>Rudbeckia x 'Little Suzy'</i>	Little Suzy Coneflower	#1 POT

NOTE: SEE SHEET L2.01 FOR PLANT LIST.



L2.03 Shrub Planting Plan

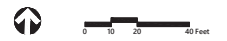


SHRUB PLANTING LIST

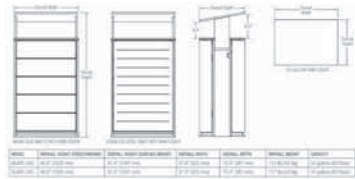
SEE SHEET L2.01 FOR PLANT SCHEDULE WITH QUANTITIES

SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE
DL	Diervilla lonicera	Dwarf Bush Honeysuckle	2 - 2 1/2' HT.
IGB	Ilex glabra 'Gem Box'	Gem Box Inkberry	2 - 2 1/2' HT.
JWH	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Creeping Juniper	18 - 24" SPD
JWH	Juniperus horizontalis 'Wiltonii'	Blue Rug Juniper	18 - 24" SPD
KLS	Kalmia latifolia 'Sarah'	Sarah Mountain Laurel	2 - 2 1/2' HT.
KLS	Kalmia latifolia Pink Charm	Pink Charm Mountain Laurel	2 - 2 1/2' HT.
LF	Leucothoe fontaniana Silver Run	Silver Run Drooping Leucothoe	18 - 24" SPD
POL	Physocarpus opulifolius 'Podaras 3' TM	Lemon Candy Dwarf Ninebark	18 - 24" SPD
VA	Viburnum acerifolium	Mapleleaf Viburnum	2 - 2 1/2' HT.
VC	Viburnum carlesii	Korean Spice Viburnum	2 - 2 1/2' HT.
ORNAMENTAL GRASSES	BOTANICAL NAME	COMMON NAME	SIZE
CKF	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#2 POT
PVS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	#2 POT
PVC	Panicum virgatum 'Cheyenne Sky'	Cheyenne Sky Switch Grass	#2 POT
PERENNIALS	BOTANICAL NAME	COMMON NAME	SIZE
AD	Aster divaricatus	White Wood Aster	#1 POT
DP	Demissaetia punctilobula	Hay-scented Fern	#1 POT
HHR	Hemerocallis x 'Happy Returns'	Happy Returns Dwarf Daylily	#1 POT
HRR	Hemerocallis x 'Rosy Returns'	Rosy Returns Daylily	#1 POT
IVB	Iris versicolor	Blue Flag Iris	#2 POT
GROUND COVERS	BOTANICAL NAME	COMMON NAME	SIZE
ALP	Astilbe chinensis 'Little Vision in Pink'	Little Vision in Pink Astilbe	#1 POT
DM	Dryopteris marginalis	Marginal Wood Fern	#1 POT
LBS	Liriodie muscari 'Big Blue'	Big Blue Lilyturf	#2 POT
RLS	Rudbeckia x 'Little Suzy'	Little Suzy Coneflower	#1 POT

NOTE: SEE SHEET L2.01 FOR PLANT LIST.

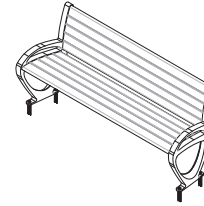
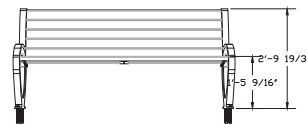
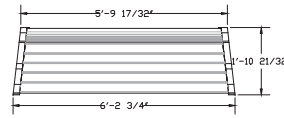


L3.01 Landscape Details



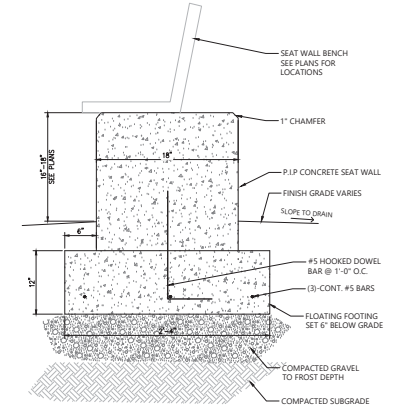
NOTE
TRASH RECEPTACLE TO BE APEX STYLE, 24 GALLON, WITH STAINLESS STEEL FINISH AND POWDER COATED ALUMINUM BASK COVER AS MANUFACTURED BY FORMS-SURFACES, INC.

Trash Receptacle 11/15
N.T.S. Source: VHB LD.



SURFACE ADJUT TO CONCRETE PER MANUFACTURER'S RECOMMENDATION.

6' Bench 8/20
N.T.S. Source: VHB LD.

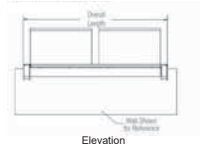


NOTE: STRUCTURAL DESIGN TO BE BY ARCHITECT OR STRUCTURAL ENGINEER.

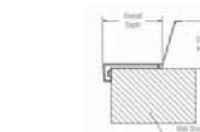
Seat Wall 1/17
N.T.S. Source: VHB LD.



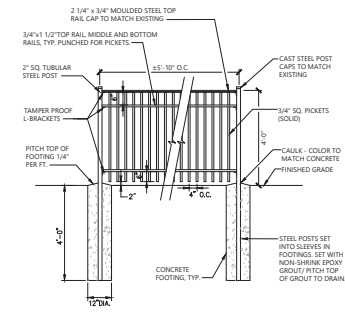
Plan View



Elevation

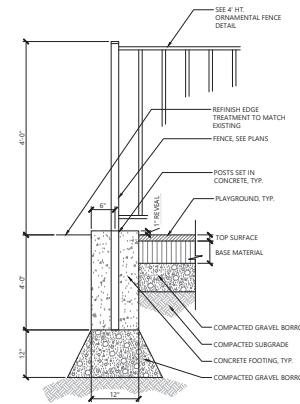


Section

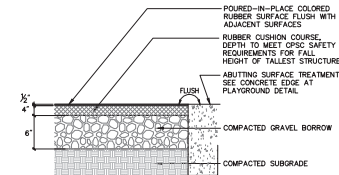


NOTES
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS BASED ON FIELD MEASUREMENTS, FOR APPROVAL PRIOR TO FABRICATION.
2. ALL STEEL SHALL BE HOT DIPPED GALVANIZED WITH FACTORY APPLIED EPOXY ENAMEL FINISH TO MATCH EXISTING FENCE.

4' Ht. Ornamental Metal Fence 11/15
N.T.S. Source: VHB LD.

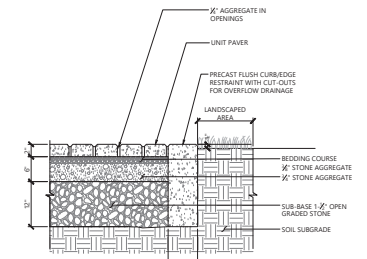


Edge Treatment at Playground 11/19
N.T.S. Source: VHB LD.



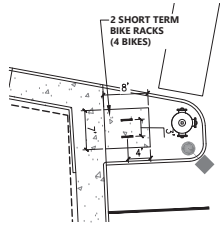
Notes:
1. FINAL DETAILING SHALL BE PROVIDED BY PLAYGROUND CONSULTANT.
2. SURFING MATERIALS AND DEPTHS SHALL MEET OPCS SAFETY REQUIREMENTS.
3. SUBMIT SHOP DRAWINGS FOR PATTERN AND COLORS FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
4. SLOPE TO DRAIN, SHALL MEET ALL MAAB REQUIREMENTS.
5. OWNER TO CONSULT WITH PLAYGROUND MANUFACTURER REPRESENTATIVE FOR ANY NEW PLAYGROUND EQUIPMENT CODE REQUIREMENTS PRIOR TO INSTALLATION OF NEW SURFACING.

Playground Surfacing 11/19
N.T.S. Source: VHB LD.

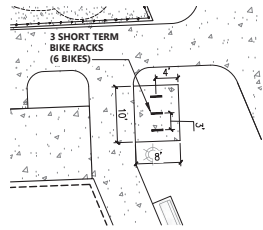


Unit Paver on Permeable Base 1/16
N.T.S. Source: VHB LD. 803

L3.02 Landscape Details

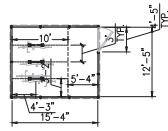


BR 'A'



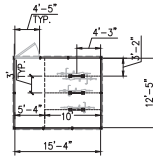
BR 'B'

16x13
BS 1



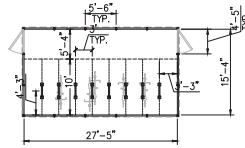
6 Bikes

16x13
BS 3



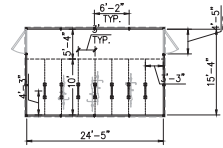
6 Bikes

16x28
BS 2



16 Bikes

16x25
BS 4



14 Bikes

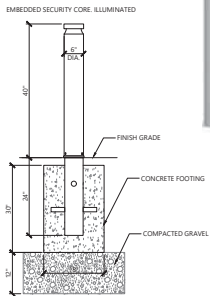
Note: Building dimensions are between interior walls.

Bike Rack Layouts
1" = 10'-0"
Source: VHB
8/20

Bike Shelter Layouts
1" = 10'-0"
Source: VHB
8/20



Bike Shelter Concept
N.T.S.
Source: Kenworthy
8/20



Security Bollard
N.T.S.
Source: Forms + Surfaces



Light Pole Fixture
N.T.S.
Source: VHB
11/15
LD



Building Mounted Accent Light
N.T.S.
Source: VHB
11/15
LD



Bike Repair Station
N.T.S.
Source: VHB
11/15
LD



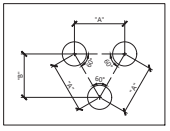
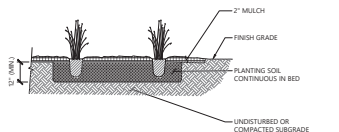
NOTE
BIKE RACK TO BE ORION STYLE WITH SQUARE TUBING BY BELSON OUTDOOR PRODUCTS.

Bike Rack
N.T.S.
Source: VHB
06/21

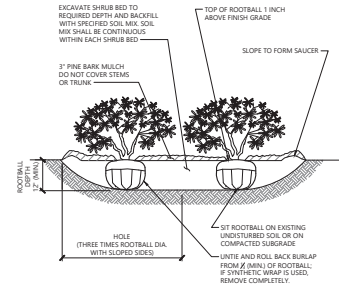
L3.03 Landscape Details

PLANT SPACING

PLANT SPACING (A)	ROW SPACING (B)
6 IN. O.C.	5 IN. O.C.
8 IN. O.C.	7 IN. O.C.
10 IN. O.C.	9 IN. O.C.
12 IN. O.C.	10 IN. O.C.
15 IN. O.C.	13 IN. O.C.
18 IN. O.C.	16 IN. O.C.
24 IN. O.C.	21 IN. O.C.
30 IN. O.C.	26 IN. O.C.
36 IN. O.C.	30 IN. O.C.
48 IN. O.C.	42 IN. O.C.
54 IN. O.C.	48 IN. O.C.
60 IN. O.C.	54 IN. O.C.

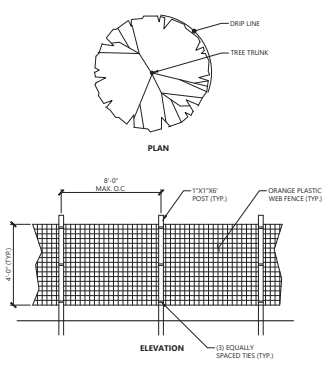



Perennial and Ornamental Grass Planting 1/16
N.T.S. Source: VHB LD_618



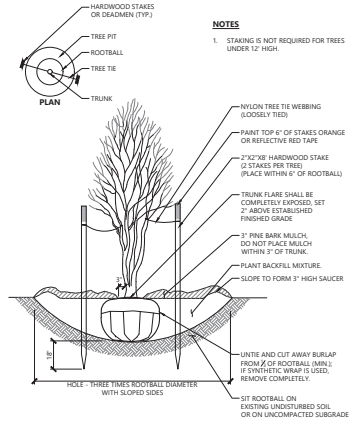
NOTES
1. LOOSEN ROOTS AT THE OUTER EDGE OF ROOTBALL OF CONTAINER GROWN SHRUBS.

Shrub Bed Planting 1/16
N.T.S. Source: VHB LD_601



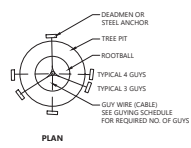
NOTES
1. INSTALL TREE PROTECTION FENCE AT THE DRIP LINE OF EXISTING TREES TO REMAIN.

Tree Protection Fence 1/16
N.T.S. Source: VHB LD_610



NOTES
1. STAKING IS NOT REQUIRED FOR TREES UNDER 12" HIGH.
NYLON TREE TIE WEBBING (SLOTTED TIES)
PAINT TOP 6" OF STAKES ORANGE OR REFLECTIVE RED TAPE
2"x2"x8" HARDWOOD STAKE (5 STAKES PER TREE) (PLACE WITHIN 6" OF ROOTBALL)
TRUNK FLARE SHALL BE COMPLETELY EXPOSED, SET 2" ABOVE ESTABLISHED FINISHED GRADE
3" PINE BARK MULCH, DO NOT PLACE MULCH WITHIN 3" OF TRUNK
PLANT BACKFILL MIXTURE
SLOPE TO FORM 3" HIGH SAUCER
SET ROOTBALL ON EXISTING UNDISTURBED SOIL OR ON UNCOMPACTED SUBGRADE

Multistem Tree Planting 1/16
N.T.S. Source: VHB LD_606

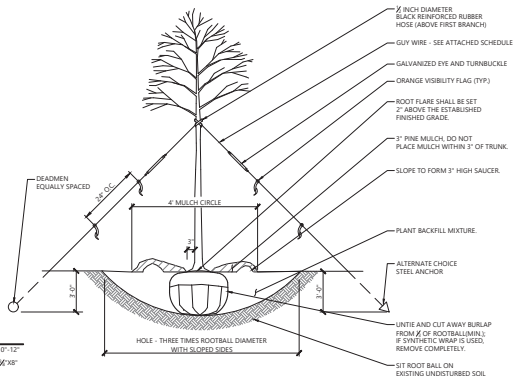


NOTES
1. USE GUYING SCHEDULE BELOW FOR DECIDUOUS AND EVERGREEN TREES OVER 4" CALIPER.

GUYING SCHEDULE

TREE CALIPER	4" - 6"	6" - 8"	8" - 10"	10" - 12"
TURNBUCKLE GALVANIZED	1/2" x 1/2" x 4'	1/2" x 1/2" x 4'	1/2" x 1/2" x 4'	1/2" x 1/2" x 4'
# GUY'S REQ'D	3	3	4	4
WIRE OR CABLE	1/2" DIA.	1/2" DIA.	3/4" DIA.	1" DIA.
DEADMAN SIZE	4" DIA.	6" DIA.	8" DIA.	10" DIA.
DEADMAN LENGTH	24"	36"	36"	48"

Tree Planting (For Trees Over 4" Caliper) 1/16
N.T.S. Source: VHB LD_603



1/2" DIA. BLACK REINFORCED RUBBER HOSE (ABOVE FIRST BRANCH)
GUY WIRE - SEE ATTACHED SCHEDULE
GALVANIZED EYE AND TURNBUCKLE
ORANGE VISIBILITY FLAG (TYP.)
ROOT FLARE SHALL BE SET 2" ABOVE THE ESTABLISHED FINISHED GRADE
3" PINE MULCH, DO NOT PLACE MULCH WITHIN 3" OF TRUNK
SLOPE TO FORM 3" HIGH SAUCER
PLANT BACKFILL MIXTURE
ALTERNATE CHOICE STEEL ANCHOR
UNITE AND CUT AWAY BURLAP FROM 1/2" OF ROOTBALL (MIN.) IF SYNTHETIC WRAP IS USED, REMOVE COMPLETELY.
SET ROOTBALL ON EXISTING UNDISTURBED SOIL OR ON COMPACTED SUBGRADE

SL.00 Photometric Plan

