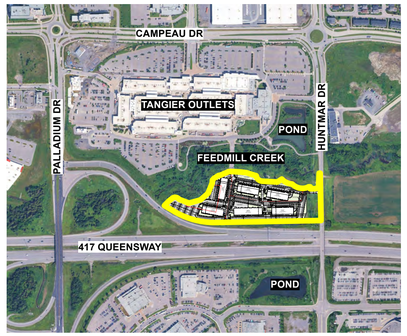


CONTEXTUAL PLAN
Scale: NTS

Origin	ID	Qty	Botanical Name	Common Name	Sched. S	Remarks
			LARGE CONIFEROUS TREES (>14m)			
	Pb	2	Pinus banksiana	Jack Pine	200cm ht.	WB, Staked
	Pg	1	Picea glauca	White Spruce	200cm ht	WB, Staked
	Pp	1	Picea pungens	Colorado Spruce	200cm ht	WB, Staked
	Ps	1	Pinus strobus	Eastern White Pine	200cm ht	WB, Staked
	To	3	Thuja occidentalis	Eastern arborvitae	200cm ht	WB, Staked
			SMALL CONIFEROUS TREES			
	PgYB	6	Picea glauca 'Yukon. Blue'	Yukon Blue White Spruce	125cm ht	WB, Staked
	ToDG	2	Thuja occidentalis 'Degroot's Spire'	Degroot's Spire Arborvitae	150cm ht	Potted
			LARGE DECIDUOUS TREES (14m to 40m ht., canopy >13m)			
	Ar	2	Acer rubrum	Red Maple	70mm cal.	WB, Staked
	As	3	Acer saccharum	Sugar Maple	70mm cal.	WB, Staked
	Asa	1	Acer saccharinum	Silver Maple	70mm cal.	WB, Staked
	Ba	1	Betula allegheniensis	Yellow Birch	70mm cal.	WB, Staked
	Bp	1	Betula papyrifera	Paper Birch	70mm cal.	WB, Staked
	BpC	1	Betula papyrifera	Paper Birch Clump	70mm cal.	WB, Staked
	Co	5	Celtis occidentalis	Common Hackberry	70mm cal.	WB, Staked
	Cov	4	Carya ovata	Shagbark Hickory	70mm cal.	WB, Staked
	Gd	4	Gymnocladus dioicus	Kentucky Coffee Tree	70mm cal.	WB, Staked
	GtS	3	Gleditsia triacanthos var. inermis 'Shade	Shademaster Honeylocust	70mm cal.	WB, Staked
	Ql	1	Larix laricina	American Larch Tamarack	200cm ht.	WB, Staked
	Pba	4	Populus balsamifera	Balsam Poplar	70mm cal.	WB, Staked
	Pp	6	Picea pungens	Colorado Spruce	200cm ht	WB, Staked
	Ps	5	Pinus strobus	Eastern White Pine	200cm ht	WB, Staked
	Qr	5	Quercus rubra	Northern Red Oak	70mm cal.	WB, Staked
	To	3	Thuja occidentalis	Eastern arborvitae	200cm ht	WB, Staked
	UaVF	2	Ulmus americana 'Valley Forge'	Valley Forge Elm	70mm cal.	WB, Staked
			MEDIUM DECIDUOUS TREES (9m to 13.5m ht., 8.5 - 20m canopy dia)			
	Ag	4	Aesculus glabra	Ohio Buckeye	70mm cal.	WB, Staked
	ArRR	2	Acer rubrum 'Red Rocket	Red Rocket Red Maple	70mm calip	WB, Staked
	Bn	1	Betula nigra	River Birch Multi	70mm cal.	WB, Staked
	Bpo	6	Betula populifolia	Grey Birch	70mm cal.	WB, Staked
	Cc	6	Carpinus caroliniana	Bluebeech	70mm cal.	WB, Staked
	GtD	2	Gleditsia triacanthos inermis 'Draves'	Streetkeeper Honeylocust	70mm cal.	WB, Staked
	Ov	4	Ostrya virginiana	Ironwood	70mm cal.	WB, Staked
		36	**SMALL DECIDUOUS TREES (7m to 8.5m ht. and canopy dia.)**			
	Ac	11	Amelanchier canadensis	Serviceberry	45mm cal.	WB, Staked
	CaT	1	Cornus alternifolia	Alternate-Leafed Dogwood (Tree form)	50mm cal.	WB, Staked
	CcgC	13	Crataegus crus-galli inermis 'Cruzam'	Thornless Crusader Cockspur Hawthorn	50mm cal.	WB, Staked
	MSD	5	Malus x 'Snowdrift'	Snowdrift Crabapple	40mm cal.	WB, Staked
	Sd	6	Sorbus decora	Showy Mountain Ash	50mm cal.	WB, Staked
			ORNAMENTAL DECIDUOUS TREES (4 - 6m mature height, mature spread 4 - 6m)			
	AcB	3	Amelanchier canadensis 'Ballerina'	Ballerina Serviceberry (tree form)	40mm cal.	WB, Staked
	AxgR	1	Amelanchier x grandiflora 'Robin Hill'	Robin Hill Apple Serviceberry	40mm calip	WB, Staked
		5	**SMALL ORNAMENTAL DECIDUOUS TREES**			
	BnFV	2	Betula nigra 'Little King'	Fox Valley River Birch	45mm cal.	WB, Staked
	MMM	1	Malus 'Mini Me'	Mini Me Crabapple	40mm cal.	WB, Staked
	MsR	2	Malus sargentii "Rosea"	Pink Flowering Crabapple	45mm cal.	WB, Staked
Origin	**ID**	**Qty**	**Botanical Name**	**Common Name**	**Sched. S**	**Remarks**
			SHRUBS			
	Am	17	Aronia melanocarpa	Black Chokeberry	50 cm ht.	Bare root
	Ca	3	Cornus alternifolia	Pagoda Dogwood	100cm ht	Potted
	Cal	21	Clethra alnifolia	Summersweet Clethra	50cm ht	BB
	Cea	33	Ceanothus americanus	New Jersey Tea	2 gallon pot	Potted
	DI	68	Diervilla lonicera	Dwarf Bush-honeysuckle	2 gallon pot	Potted
	HaA	84	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	2 gallon pot	Potted
	Hp	46	Hypericum prolificum	Shrubby St. John's Wort	50cm ht	2 gallon pot
	Iv	6	Ilex verticillata	Winterberry	125cm ht	BB
	JcPP	90	Juniperus communis 'Pencil Point'	Pencil Point Juniper	125cm ht	Potted
	JvSR	3	Juniperus virginiana 'Skyrocket'	Skyrocket Juniper	150cm ht	Potted
	PfGD	65	Potentilla fruticosa 'Gold Drop'	Gold Drop Potentilla	2 gallon pot	Potted
	Po	17	Physocarpus opulifolius	Ninebark	50cm ht	BB
	PoD	34	Physocarpus opulifolius 'Diablo'	Diablo Ninebark	50cm ht	Potted
	Sa	8	Symphocarpus albus	Common Snowberry	100cm ht	Potted
	SjS	26	Spiraea japonica 'Shirobana'	Shirobana Spirea	50cm ht	0.9m o.c.
	Spa	12	Spiraea alba	Meadowsweet	50cm ht	BB
	ToDG	12	Thuja occidentalis 'Degroot's Spire'	Degroot's Spire Arborvitae	150cm ht	Potted
	ToH	31	Thuja occidentalis 'Holmstrup'	Holmstrup Eastern Arborvitae	150cm ht	Potted
	Vl	13	Viburnum lentago	Nannyberry Viburnum	100cm ht.	Potted

Perennials (Min 75% native):
PvA = Ornamental Grasses: Feather Reed Grass, Switch Grass, Fecue
PvB = Sun Perennials: Coneflower, Daylily, Black-eyed Susan, Blazing Star, Siberian Iris, Beebalm, Balloon Flower, Seathrift, Prairie Smoke, Blanket Flower, Coreopsis, Butterfly Weed
PvC = Shade Perennials: Hosta var., Fern var., Astilbe, Cranesbill Geranium, Evening Primrose, Largeflower Bellwort, Allegheny Foamflower, Bloodroot, Solomon's Seal, Wild Blue Phlox, Heuchera
PvD = Trailing groundcovers: Moss Phlox, Creeping Thyme, Wild strawberry, Barren Strawberry

PERENNIALS			
Origin	**ID**	**Qty**	**Type**
	PvA	459	Ornamental Grasses
	PvB	559	Sun Perennial variety
	PvC	238	Shade Perennial variety
	PvD	95	Trailing Perennial variety

PLANT ORIGIN KEY:
Ntv=Native species
Ntv H=Native species, horticultural variant
Non NH=Native species hybridised with non-native species
Non N=Non-native species

LEGEND

- PROPERTY LINE
- OFFSET FROM BUILDING - 4.5m
- OFFSET FROM BUILDING - 14m
- TEMPORARY SEDIMENT CONTROL FENCE (SEE CIVIL)
- EXTENT OF UNDERGROUND PARKING (SEE ARCH)
- WATERMAIN EASMENT
- PROPOSED ASPHALT
- PROPOSED CONCRETE SIDEWALK (SEE ARCH)
- PROPOSED PRECAST PAVERS
- PROPOSED TEXTURED CONCRETE IN WOONERF AREA
- BUILDING MAINTENANCE EDGE
- PROPOSED SNOW STORAGE
- PROPOSED SODDED AREA
- PROPOSED RESTORATION AREA
- TREE PRESERVED (CRZ OUTER DASH, SRZ INNER DASH)
- PROPOSED TREES
- PROPOSED SHRUBS ON SITE
- PROPOSED PERENNIALS & ORNAMENTAL GRASSES
- PROPOSED RAIN GARDEN LOW AREA

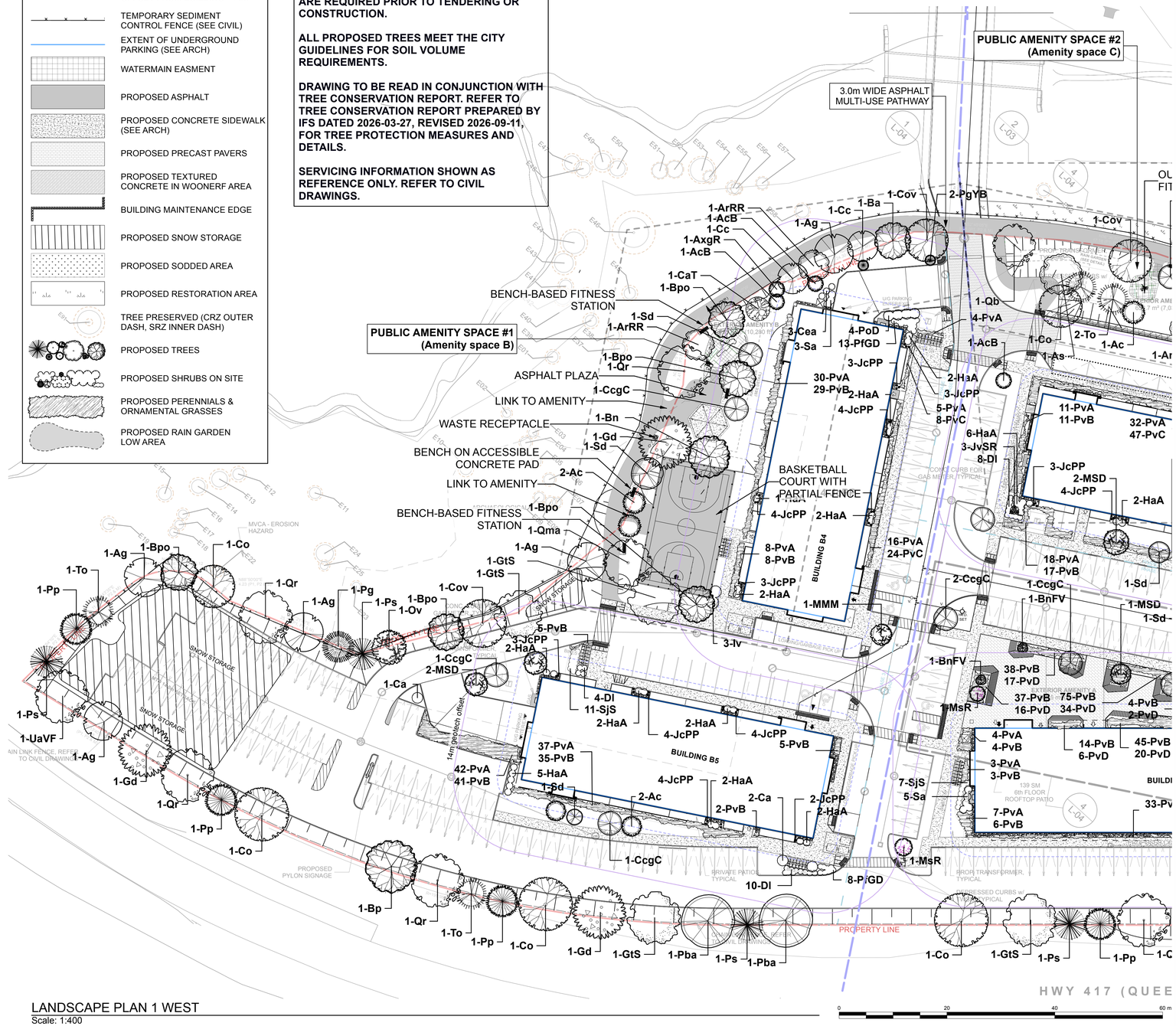
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SERVICING INFORMATION SHOWN AS REFERENCE ONLY. REFER TO CIVIL DRAWINGS.



LANDSCAPE PLAN 1 WEST
Scale: 1:400

IRONCLAD DEVELOPMENTS INC.
101-57158 Symington Road
Springfield, MB R2J 4L6
Ph: 204-777-1972
info@icdev.ca

GENERAL NOTES:

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7. CONTRACTOR TO OBTAIN APPROVAL OF CONSULTANT FOR FINAL SUBGRADE PRIOR TO INSTALLATION OF BASE LAYER(S).
8. CONTRACTOR TO OBTAIN APPROVAL OF CONSULTANT FOR GRANULAR BASE AND LAYOUT OF ALL PAVEMENT AREAS PRIOR TO INSTALLATION OF SURFACE LAYER(S).
9. CONTRACTOR TO REINSTATE ALL AREAS AND ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.

Ruhland & Associates Ltd
landscape architecture • urban design • site planning
Ph 613-224-4744 Fx 613-224-1131 info@rala.ca www.rala.ca

4	Issued for SPC resubmission	2026-11-04	
3	Issued for SPC resubmission	2026-10-23	
2	Issued for SPC resubmission	2026-09-11	
1	Issued For SPC Submission	2026-04-01	

number/numéro | milestone / fait saillant | date: (y/m/d) (a/m/j) | initials initiales

designed by / concu par: V. Odusanya | checked by / verifie par: M. Ruhland
drawn by / dessine par: T.Frost | scale / echelle

architect | consultant

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — MARIETTA RUHLAND — OALA MEMBER

consultant | consultant

project / location

319 HUNTMAR RD

319 Huntmar Rd, Ottawa, ON

drawing

WEST SIDE: BUILDING B4 / B5

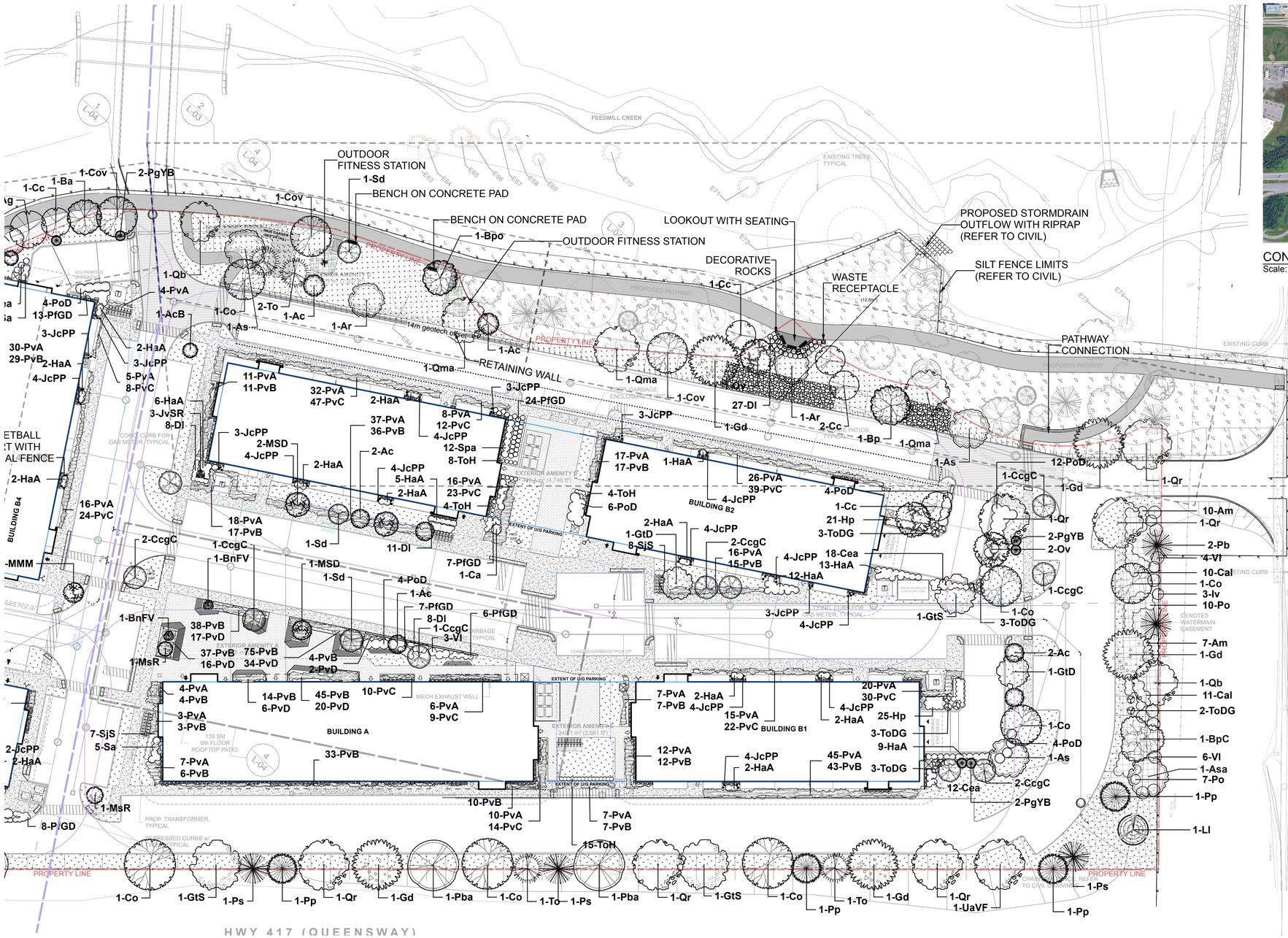
sheet no.

L - 01

project no. 25-1773

D07-12-26-0037

#19483



CONTEXTUAL PLAN
Scale: NTS

LANDSCAPE PLAN 2 EAST
Scale: 1:400

0 20 40 60 80 m

LEGEND

- PROPERTY LINE
- OFFSET FROM BUILDING - 4.5m
- OFFSET FROM BUILDING - 14m
- TEMPORARY SEDIMENT CONTROL FENCE (SEE CIVIL)
- EXTENT OF UNDERGROUND PARKING (SEE ARCH)
- WATERMAIN EASEMENT
- PROPOSED ASPHALT
- PROPOSED CONCRETE SIDEWALK (SEE ARCH)
- PROPOSED PRECAST PAVERS
- PROPOSED TEXTURED CONCRETE IN WOONERF AREA
- BUILDING MAINTENANCE EDGE
- PROPOSED SNOW STORAGE
- PROPOSED SODDED AREA
- PROPOSED RESTORATION AREA
- TREE PRESERVED (CRZ OUTER DASH, SRZ INNER DASH)
- PROPOSED TREES
- PROPOSED SHRUBS ON SITE
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- PROPOSED RAIN GARDEN LOW AREA

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scale / echelle:

architect

consultant: ASSOCIATION OF LANDSCAPE ARCHITECTS CANADA ONTARIO MEMBER OALA

consultant

consultant

project / location

319 HUNTMAR RD

319 Huntmar Rd, Ottawa, ON

drawing

EAST SIDE: BUILDINGS A / B1 / B2 / B3

sheet no.: **L - 02**

project no.: 25-1773

D07-12-26-0037

#19483

LEGEND - SOIL VOLUMES & DEPTH REQUIREMENTS

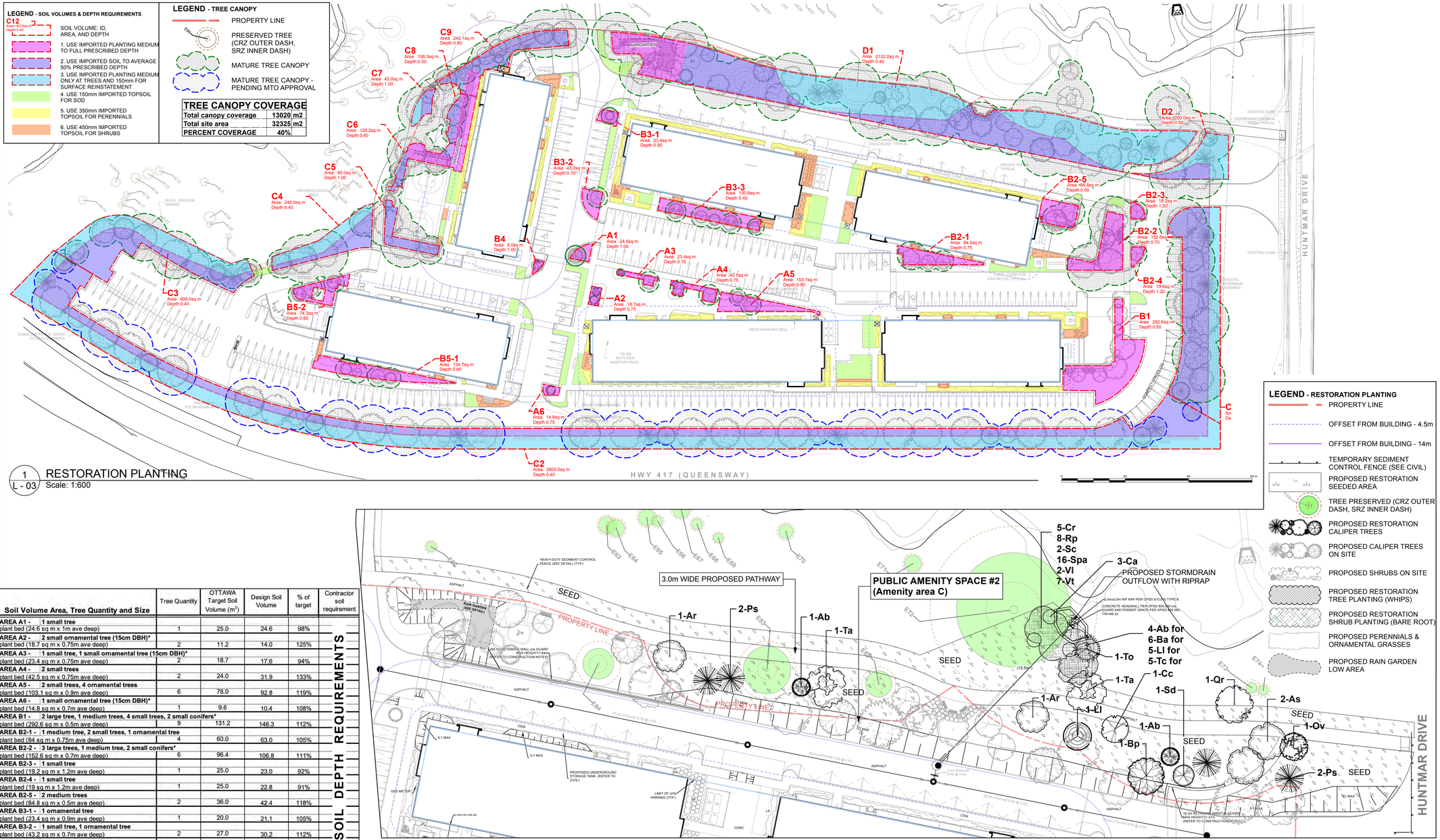
C12 Area - 50.0sq m Depth 0.40 — SOIL VOLUME: ID, AREA, AND DEPTH

1. USE IMPORTED PLANTING MEDIUM TO FULL PRESCRIBED DEPTH
2. USE IMPORTED SOIL TO AVERAGE 50% PRESCRIBED DEPTH
3. USE IMPORTED PLANTING MEDIUM ONLY AT TREES AND 150mm FOR SURFACE REINSTATEMENT
4. USE 150mm IMPORTED TOPSOIL FOR SOD
5. USE 350mm IMPORTED TOPSOIL FOR PERENNIALS
6. USE 450mm IMPORTED TOPSOIL FOR SHRUBS

LEGEND - TREE CANOPY

- PROPERTY LINE
- PRESERVED TREE (CRZ OUTER DASH, SRZ INNER DASH)
- MATURE TREE CANOPY
- MATURE TREE CANOPY - PENDING MTO APPROVAL

TREE CANOPY COVERAGE		
Total canopy coverage	13020	m2
Total site area	32325	m2
PERCENT COVERAGE	40%	



1 L - 03 RESTORATION PLANTING
Scale: 1:600

2 L - 03 RESTORATION PLANTING
Scale: 1:400

Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m^3)	Design Soil Volume	% of target	Contractor soil requirement
AREA A1 - 1 small tree					
plant bed (24.6 sq m x 1m ave deep)	1	25.0	24.6	98%	
AREA A2 - 2 small ornamental tree (15cm DBH)*					
plant bed (18.7 sq m x 0.75m ave deep)	2	11.2	14.0	125%	
AREA A3 - 1 small tree, 1 small ornamental tree (15cm DBH)*					
plant bed (23.4 sq m x 0.75m ave deep)	2	18.7	17.6	94%	
AREA A4 - 2 small trees					
plant bed (42.5 sq m x 0.75m ave deep)	2	24.0	31.9	133%	
AREA A5 - 2 small trees, 4 ornamental trees					
plant bed (103.1 sq m x 0.9m ave deep)	6	78.0	92.8	119%	
AREA A6 - 1 small ornamental tree (15cm DBH)*					
plant bed (14.8 sq m x 0.7m ave deep)	1	9.6	10.4	108%	
AREA B1 - 2 large tree, 1 medium trees, 4 small trees, 2 small conifers*					
plant bed (292.6 sq m x 0.5m ave deep)	9	131.2	146.3	112%	
AREA B2-1 - 1 medium tree, 2 small trees, 1 ornamental tree					
plant bed (84 sq m x 0.75m ave deep)	4	60.0	63.0	105%	
AREA B2-2 - 3 large trees, 1 medium tree, 2 small conifers*					
plant bed (152.6 sq m x 0.7m ave deep)	6	96.4	106.8	111%	
AREA B2-3 - 1 small tree					
plant bed (19.2 sq m x 1.2m ave deep)	1	25.0	23.0	92%	
AREA B2-4 - 1 small tree					
plant bed (19 sq m x 1.2m ave deep)	1	25.0	22.8	91%	
AREA B2-5 - 2 medium trees					
plant bed (84.8 sq m x 0.5m ave deep)	2	36.0	42.4	118%	
AREA B3-1 - 1 ornamental tree					
plant bed (23.4 sq m x 0.9m ave deep)	1	20.0	21.1	105%	
AREA B3-2 - 1 small tree, 1 ornamental tree					
plant bed (43.2 sq m x 0.7m ave deep)	2	27.0	30.2	112%	
AREA B3-3 - 4 small trees, 2 ornamental trees					
plant bed (130.6 sq m x 0.6m ave deep)	5	75.0	78.4	104%	
AREA B4 - 1 small ornamental tree (15cm DBH)*					
plant bed (9 sq m x 1.1m ave deep)	1	9.6	9.9	103%	
AREA B5-1 - 3 small trees, 2 ornamental trees					
plant bed (135.8 sq m x 0.6m ave deep)	5	75.0	81.5	109%	
AREA B5-2 - 3 small trees					
plant bed (74.3 sq m x 0.6m ave deep)	3	45.0	44.6	99%	
AREA C1 - 6 large trees, 3 large conifers, 2 small conifers*					
plant bed (840 sq m x 0.4m ave deep)	9	205.2	336.0	164%	
AREA C2 - 24 large trees, 1 medium tree, 15 large conifers					
plant bed (2900 sq m x 0.4m ave deep)	40	892.8	1160.0	130%	
AREA C3 - 2 large trees, 4 medium trees, 3 large conifers					
plant bed (606 sq m x 0.4m ave deep)	7	140.4	242.4	173%	
AREA C4 - 2 large trees, 2 medium trees					
plant bed (240 sq m x 0.4m ave deep)	4	86.4	96.0	111%	
AREA C5 - 2 large trees, 1 medium tree, 1 small tree					
plant bed (85 sq m x 1m ave deep)	4	83.4	85.0	102%	
AREA C6 - 1 large tree, 1 medium tree, 1 small tree					
plant bed (128.2 sq m x 0.6m ave deep)	3	66.0	76.9	117%	
AREA C7 - 1 large tree, 1 medium tree					
plant bed (45 sq m x 1m ave deep)	2	43.2	45.0	104%	
AREA C8 - 3 small trees					
plant bed (106.3 sq m x 0.5m ave deep)	3	48.0	53.2	111%	
AREA C9 - 2 large trees, 4 medium trees, 1 small tree, 3 ornamental trees, 2 small conifers*					
plant bed (241.5 sq m x 0.8m ave deep)	12	186.8	193.3	103%	
AREA D1 - 20 large trees (incl. 3 existing), 6 medium trees, 4 small trees, 8 large conifers					
plant bed (2132.2 sq m x 0.4m ave deep)	38	816.0	852.9	105%	
AREA D2 - 2 large trees, 1 medium tree, 1 large conifer					
plant bed (200 sq m x 0.5m ave deep)	4	86.4	100.0	116%	

SEE LEGEND FOR IMPORTED SOIL DEPTH REQUIREMENTS

* Smaller columnar trees, small ornamental trees with growth to 8-15cm DBH, and large shrubs calculated using 'How much soil to grow a big tree' by DeepRoot as a guide

Origin	ID	Qty	Botanical Name	Common Name	Sched. S	Remarks
		8	**LARGE CONIFEROUS TREES (>14m)**			
	Ab	2	Abies balsamea	Balsam Fir	200cm ht	WB, Staked
	Ll	1	Larix laricina	American Larch Tamarack	200cm ht.	WB, Staked
	Ps	4	Pinus strobus	Eastern White Pine	200cm ht	WB, Staked
	To	1	Thuja occidentalis	Eastern arborvitae	200cm ht	WB, Staked
		8	**LARGE DECIDUOUS TREES (14m to 40m ht., canopy >13m)**			
	Ar	2	Acer rubrum	Red Maple	70mm cal.	WB, Staked
	As	2	Acer saccharum	Sugar Maple	70mm cal.	WB, Staked
	Bp	1	Betula papyrifera	Paper Birch	70mm cal.	WB, Staked
	Qr	1	Quercus rubra	Northern Red Oak	70mm cal.	WB, Staked
	Ta	2	Tilia americana	Basswood	70mm cal.	WB, Staked
		2	**MEDIUM DECIDUOUS TREES (9m to 13.5m ht., 8.5 - 20m canopy dia)**			
	Cc	1	Carpinus caroliniana	Bluebeech	70mm cal.	WB, Staked
	Ov	1	Ostrya virginiana	Ironwood	70mm cal.	WB, Staked
		1	**SMALL DECIDUOUS TREES (7m to 8.5m ht. and canopy dia.)**			
	Sd	1	Sorbus decora	Showy Mountain Ash	50mm cal.	WB, Staked

Origin	ID	Qty	Botanical Name	Common Name	Sched. S	Remarks
		20	**REFORESTATION TREES**			
	Ab for	4	Abies balsamea	Balsam Fir	15cm ht.	Bare root
	Ba for	6	Betula alleghaniensis	Yellow Birch	80cm ht.	Bare root
	Ll for	5	Larix laricina	American Larch Tamarack	180cm ht.	Whip
	Tc for	5	Tsuga canadensis	Canadian Hemlock	75cm ht.	Bare root
		43	**SHRUBS**			
	Ca	3	Cornus alternifolia	Pagoda Dogwood	100cm ht	WB, Staked
	Cr	5	Cornus racemosa	Gray Dogwood	50cm ht	1.2m o.c.
	Rp	8	Rosa palustris	Swamp Rose	50cm ht.	Potted
	Sc	2	Sambucus canadensis	American Elderberry	100cm ht.	Potted
	Spa	16	Spiraea alba	Meadowsweet	50cm ht	BB
	Vl	2	Viburnum lentago	Nannyberry Viburnum	100cm ht.	Potted
	Vt	7	Viburnum trilobum	Highbush Cranberry	100cm ht.	Potted

SEEDED AREAS TO BE RESTORED OR AUGMENTED WITH APPROVED SEED MIX OF NATIVE GRASSES AND WILDFLOWERS.

LEGEND - RESTORATION PLANTING

- PROPERTY LINE
- OFFSET FROM BUILDING - 4.5m
- OFFSET FROM BUILDING - 14m
- TEMPORARY SEDIMENT CONTROL FENCE (SEE CIVIL)
- PROPOSED RESTORATION SEEDED AREA
- TREE PRESERVED (CRZ OUTER DASH, SRZ INNER DASH)
- PROPOSED RESTORATION CALIPER TREES
- PROPOSED CALIPER TREES ON SITE
- PROPOSED SHRUBS ON SITE
- PROPOSED RESTORATION TREE PLANTING (WHIPS)
- PROPOSED RESTORATION SHRUB PLANTING (BARE ROOT)
- PROPOSED PERENNIALS & ORNAMENTAL GRASSES
- PROPOSED RAIN GARDEN LOW AREA

IRONCLAD DEVELOPMENTS INC.
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scale / echelle:

architect
consultant
ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO MEMBER
consultant
consultant

project / location

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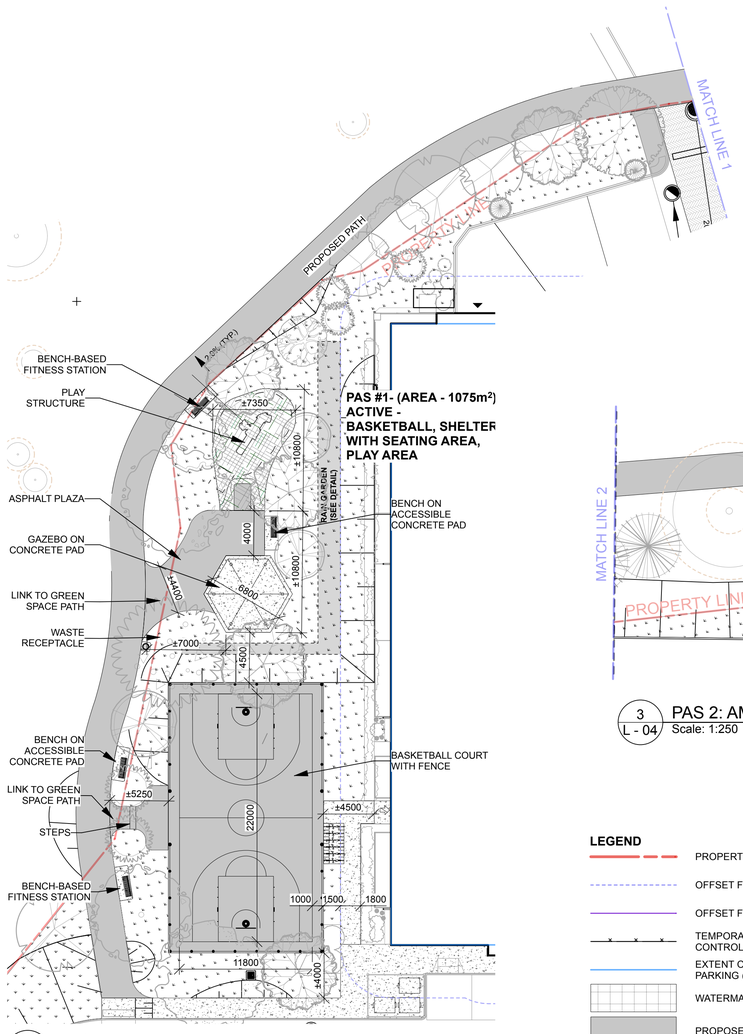
SOIL VOLUMES, TREE CANOPY PLAN, RESTORATION PLANTING

sheet no. **L - 03**

project no. 25-1773

D07-12-26-0037

#19483

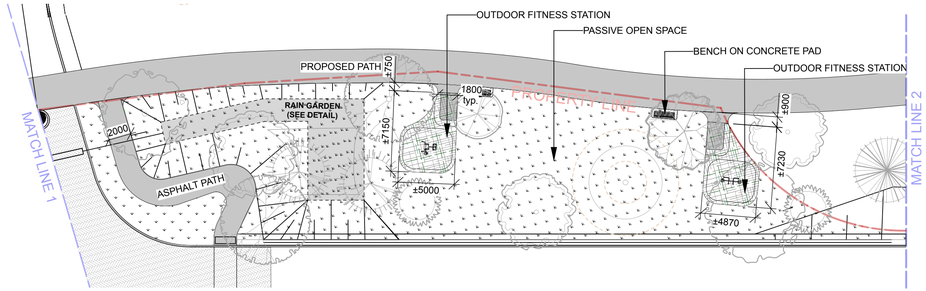


PAS #1- (AREA - 1075m²)
ACTIVE -
BASKETBALL, SHELTER WITH SEATING AREA, PLAY AREA

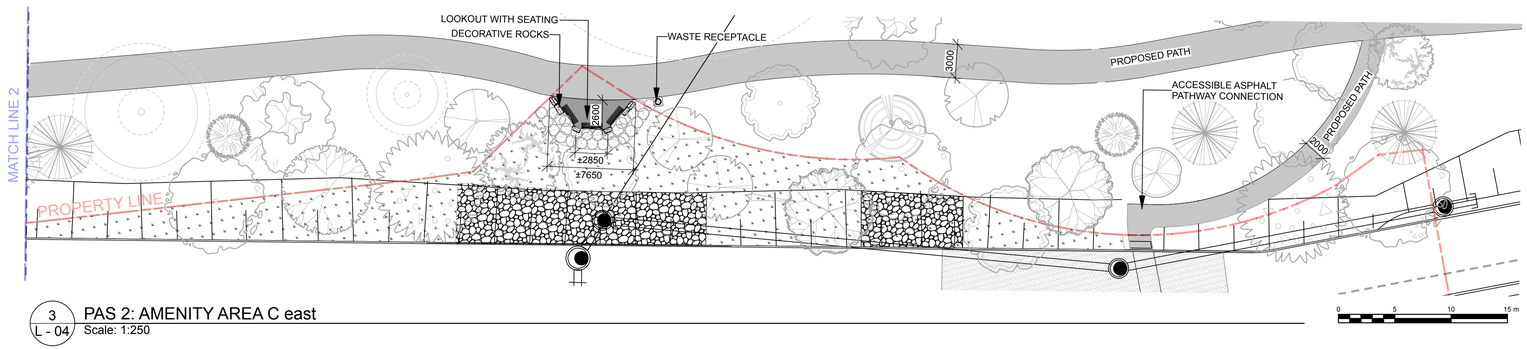
1 L - 04 PAS 1: AMENITY AREA B
Scale: 1:250

0 5 10 15 m

PAS #2- (AREA - 1350m²)
PASSIVE - LOOKOUT, EXCERCISE STATIONS, PASSIVE OPEN SPACE



2 L - 04 PAS 2: AMENITY AREA C west
Scale: 1:250



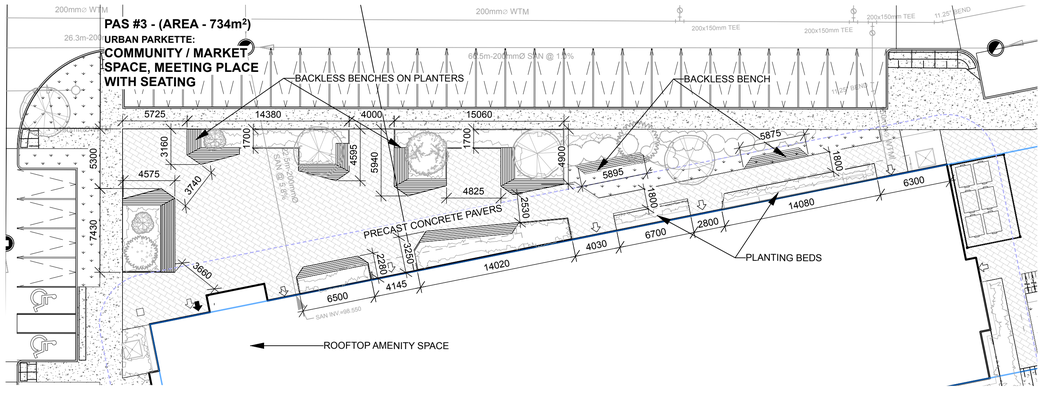
3 L - 04 PAS 2: AMENITY AREA C east
Scale: 1:250

0 5 10 15 m

LEGEND

- PROPERTY LINE
- OFFSET FROM BUILDING - 4.5m
- OFFSET FROM BUILDING - 14m
- TEMPORARY SEDIMENT CONTROL FENCE (SEE CIVIL)
- EXTENT OF UNDERGROUND PARKING (SEE ARCH)
- WATERMAIN EASMENT
- PROPOSED ASPHALT
- PROPOSED CONCRETE SIDEWALK (SEE ARCH)
- PROPOSED TEXTURED CONCRETE IN WOONERF AREA
- BUILDING MAINTENANCE EDGE
- PROPOSED SODDED AREA
- TREE PRESERVED (CRZ OUTER DASH, SRZ INNER DASH)
- PROPOSED TREES
- PROPOSED SHRUBS ON SITE
- PROPOSED PERENNIALS & ORNAMENTAL GRASSES
- PROPOSED RAIN GARDEN LOW AREA

PAS #3 - (AREA - 734m²)
URBAN PARKETTE:
COMMUNITY / MARKET SPACE, MEETING PLACE WITH SEATING



4 L - 04 PAS 3: AMENITY AREA A
Scale: 1:250

0 5 10 15 m

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scale / echelle:

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consultant
consultant
consultant

project / location

319 HUNTMAR RD

319 Huntmar Rd, Ottawa, ON

drawing

PUBLIC AMENITY SPACES ENLARGEMENTS

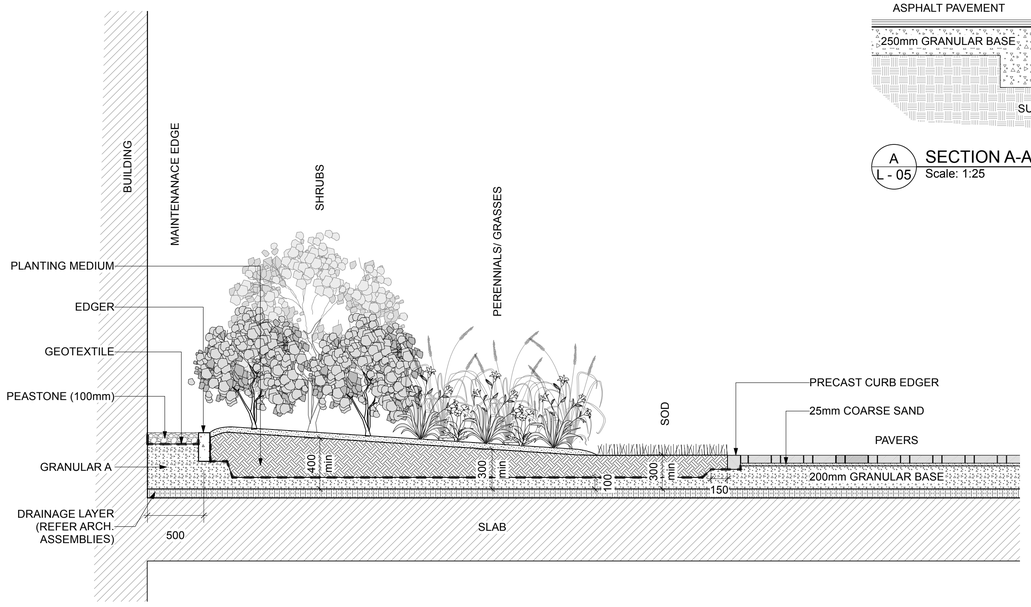
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L - 04

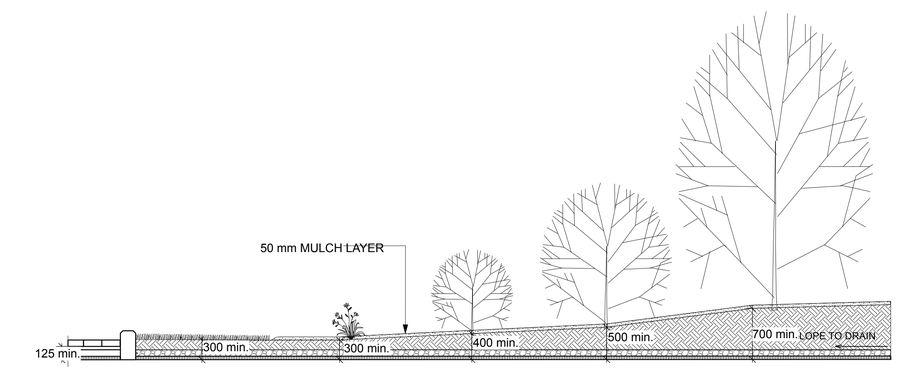
project no. 25-1773

D07-12-26-0037

#19483



B L - 05 SECTION B-B AT AMENITY AREA D
Scale: 1:25



F: PAVERS
MINIMUM DEPTH ABOVE SLAB:
125-200mm above drainage layer

E: SOD
MINIMUM DEPTH ABOVE SLAB:
300mm above drainage layer

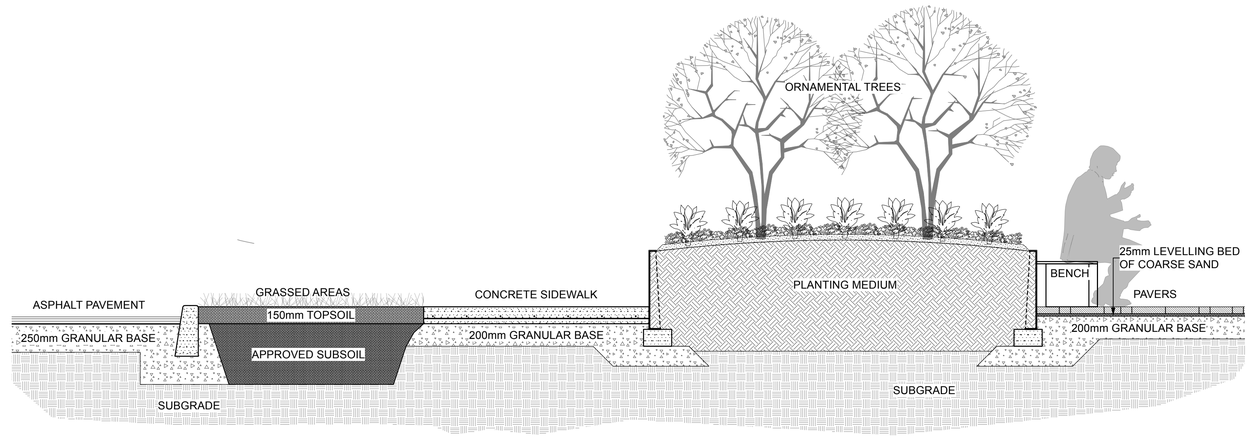
D: PERENNIAL
MINIMUM DEPTH ABOVE SLAB:
300-400mm above drainage layer

C: SHRUB
MINIMUM DEPTH ABOVE SLAB:
400-500mm above drainage layer

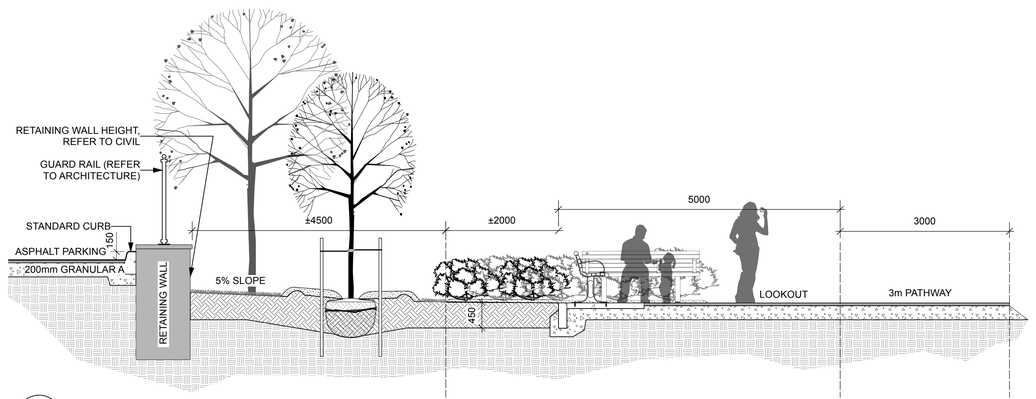
B: LARGE SHRUB
MINIMUM DEPTH ABOVE SLAB:
500-600 mm above drainage layer

A: SMALL TREE
MINIMUM DEPTH ABOVE SLAB:
700-900mm above drainage layer

1 L - 05 TYPICAL SECTION OF LANDSCAPE PROFILES ON SLAB
Scale: 1:50



A L - 05 SECTION A-A AT AMENITY AREA A
Scale: 1:25



C L - 05 SECTION C-C AT AMENITY AREA C LOOKOUT
Scale: 1:50

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project / location

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drawing

SECTIONS

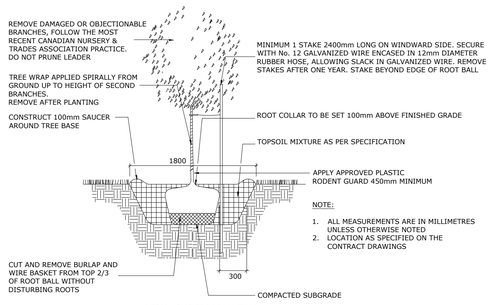
sheet no.

L - 05

project no. 25-1773

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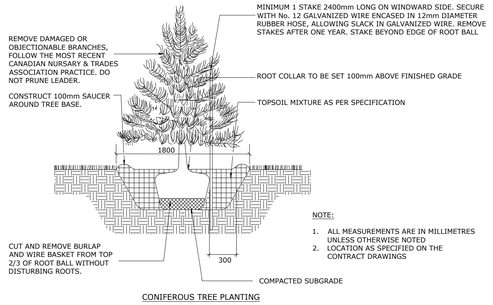
#19483



DECIDUOUS TREE PLANTING

NOTE:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS



CONIFEROUS TREE PLANTING

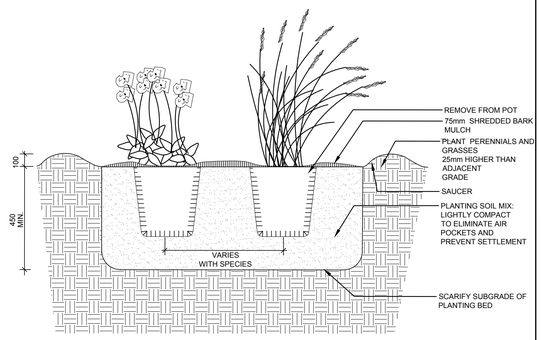
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2. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

Ottawa

TITLE: PLANTING TRENCH
WELL DRAINED SOILS (LOTS)

DATE: MAY 2001
REV: JAN 2017
DWG No: L2



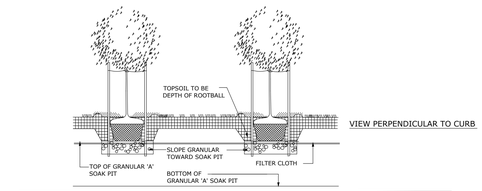
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
3. PROVIDE 100MM HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.

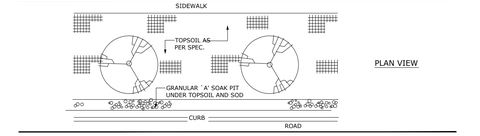
Ottawa

TITLE: PERENNIAL AND ORNAMENTAL
GRASS PLANTING

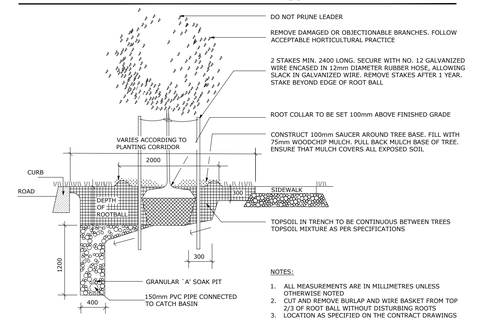
DATE: JAN 2015
REV:
DWG No: L21



VIEW PERPENDICULAR TO CURB



PLAN VIEW



VIEW PERPENDICULAR TO CURB

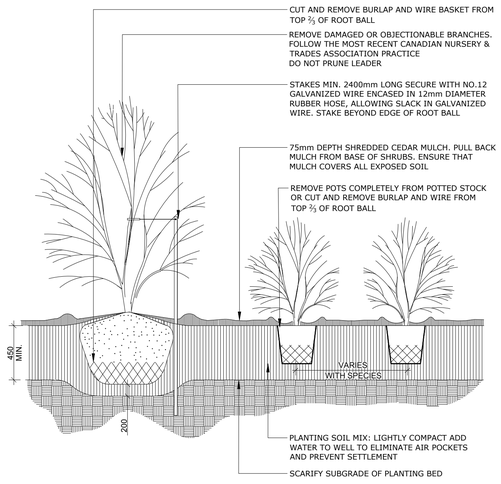
NOTES:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 2/3 OF ROOT BALL WITHOUT DISTURBING ROOTS
3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

Ottawa

TITLE: CONTINUOUS PLANTING BED

DATE: MAY 2001
REV: JAN 2015
DWG No: L5



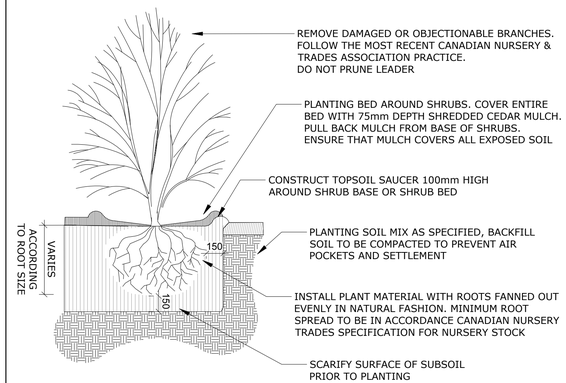
NOTES:

1. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
2. SHRUBS SPECIFIED BARE ROOTS (B.R.) TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
4. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD

Ottawa

TITLE: CONTINUOUS SHRUB BED
PLANTING

DATE: FEB 2013
REV: FEB 2014
DWG No: L17



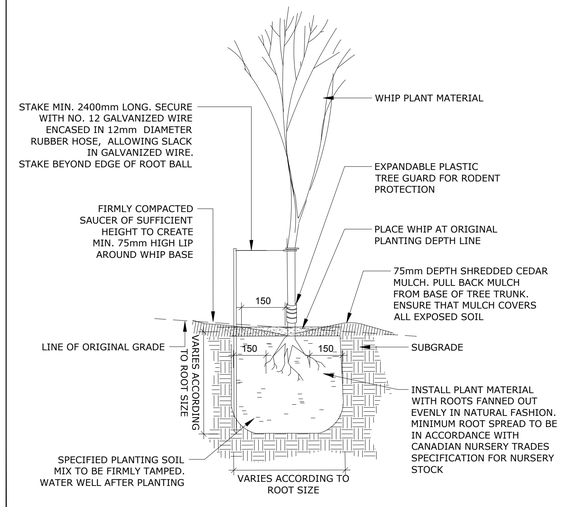
NOTES:

1. SET SHRUBS 50mm HIGHER THAN SURROUNDING GRADE TO ALLOW FOR SETTLEMENT
2. SHRUBS PLANTED IN GROUPS SHALL BE SET IN CONTINUOUS BEDS
3. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
4. PLANTING SOIL MIXTURE AS PER SPECIFICATION

Ottawa

TITLE: DECIDUOUS BARE ROOT SHRUB
PLANTING FOR NATURALIZED AREAS

DATE: FEB 2013
REV: FEB 2014
DWG No: L-19



NOTES:

1. ALL MEASUREMENTS AND DIMENSIONS ARE IN MILLIMETERS
2. PLANTING SOIL MIXTURE AS PER SPECIFICATION
3. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD

Ottawa

TITLE: DECIDUOUS BARE ROOT WHIP
PLANTING FOR NATURALIZED AREAS

DATE: FEB 2013
REV FEB 2014
DWG No: L18

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drawn by / dessine par: T.Frost
scale / echelle:

architect
consultant: ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — MARGHERITA RUHLAND — MEMBER
consultant
consultant

project / location

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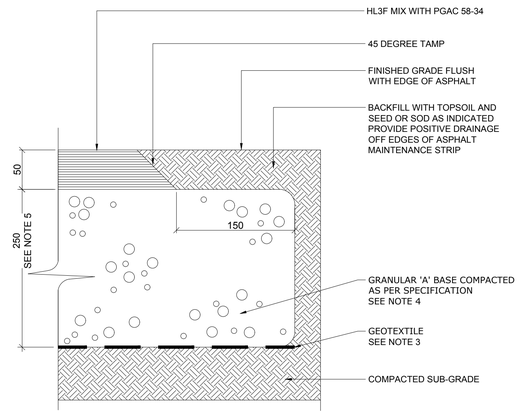
DETAILS

project no. 25-1773

sheet no. **L - 06**

D07-12-26-0037

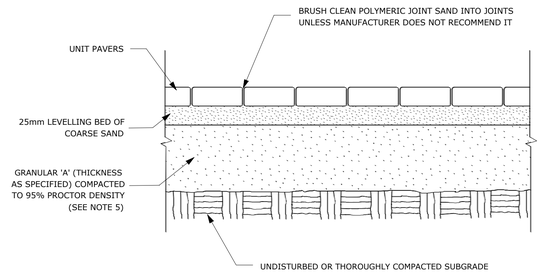
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NOTE:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CROSS SLOPE SIDEWALK IN DIRECTION OF NATURAL DRAINAGE TO PROVIDE POSITIVE DRAINAGE OFF ALL WALKING SURFACE
3. APPROVED NON-WOVEN CLASS 1 GEOTEXTILE AS PER MT-24.15
4. GRANULAR 'A' SHALL MEET THE REQUIREMENTS OF OPSS 1010
5. IF CONSTRAINED BETWEEN HARDSCAPING ELEMENTS (IE. CURB, SIDEWALK, ETC) TAPER BETWEEN SUBGRADE OF EACH RESPECTIVE ELEMENT TO ENSURE POSITIVE DRAINAGE

Ottawa	TITLE: ASPHALT MAINTENANCE STRIP	DATE: FEB 2013 REV: FEB 2025 DWG No: SC20

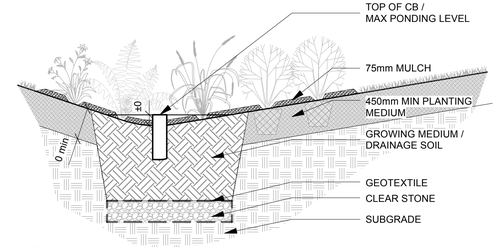


NOTES:

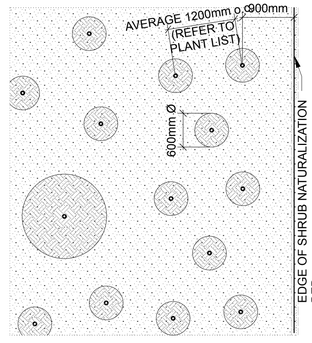
1. THE LEVELING COURSE (BEDDING SAND) SHALL BE PLACED LOOSE, IN A UNIFORM LAYER AT A MAXIMUM DEPTH OF 25mm TO ACHIEVE THE FINAL COMPACTED THICKNESS AND GRADE AS SPECIFIED
2. INSTALL SOLID EDGE RESTRAINT BETWEEN UNIT PAVERS AND ANY SOFT SURFACE (SOD, PLANTING BED, ETC.)
3. UNIT PAVERS ARE THEN PLACED ON TOP OF THE LEVELING COURSE AND ADDITIONAL SAND SWEPT BETWEEN THE UNIT PAVERS
4. THE UNIT PAVERS ARE THEN VIBRATED INTO PLACE WITH A VIBRA-PLATE AND WATER IS ADDED TO ASSIST IN THE SETTLING OF THE JOINT SAND
5. GRANULAR 'A' DEPTH TO BE 100mm FOR PEDESTRIAN AREAS AND 150mm FOR VEHICULAR ACCESSES. OR AS RECOMMENDED BY GEOTECHNICAL INVESTIGATION
6. USE OF THIS DETAIL REQUIRES THE PRIOR APPROVAL OF THE GENERAL MANAGER

Ottawa	TITLE: UNIT PAVING - ON GRANULAR BASE	DATE: MAY 2001 REV: FEB 2016 DWG No: SC9

SC9: ADDITIONAL NOTES FOR NUMBER 5:
150mm DEPTH GRANULAR 'A' TO BE USED ONLY IN PEDESTRIAN WHERE NO OR HAND SNOW REMOVAL IS PLANNED. ALL OTHER PEDESTRIAN AREAS ARE TO RECEIVE 200mm COMPACTED GRANULAR 'A' MINIMUM. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.



1 / L - 07 RAIN GARDEN SECTION
Scale: 1:40



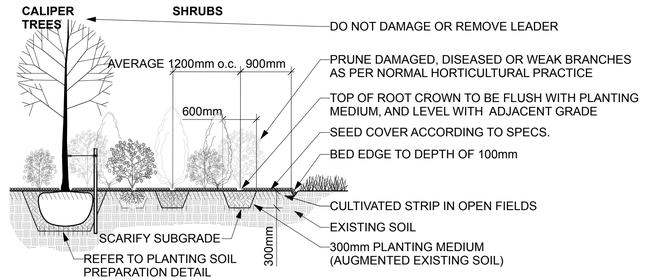
SHRUB NATURALIZATION BED PREPARATION C: (ADJACENT TO EXISTING VEGETATION OR ROCK OUTCROPPINGS)

TYPICAL SPACING:
- STAGGER PLANTING PITS IN PLANTING BED AS PER SPECIES SPACING.
- PLANTING PITS 600mm x 600mm x 300mm
- 600m MIN FROM BED EDGE.
- PLACE 300mm APPROVED PLANTING MEDIUM IN PLANTING PITS, ACCOMMODATE ROOTBALL.
- SEED ACCORDING TO SPECS.

SHRUB NATURALISATION BED PREPARATION A & B: (OPEN FIELDS)

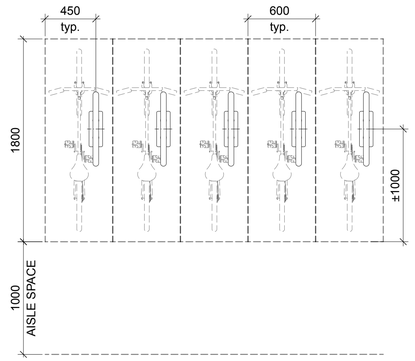
CULTIVATE SUBGRADE AND INCORPORATE 150mm PLANTING MEDIUM OVER ENTIRE BED.

TYPICAL SPACING:
- STAGGER PLANTING PITS IN PLANTING BED AS PER SPECIES SPACING
- PLANTING PITS 600mm x 600mm x 300mm
- 600m MIN FROM BED EDGE
- SEED ACCORDING TO SPECS.

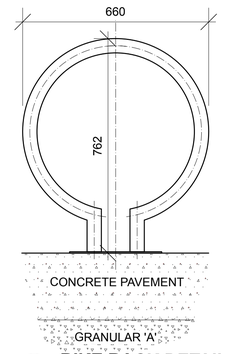


REFER TO PLAN FOR TREE BED EXTENTS.

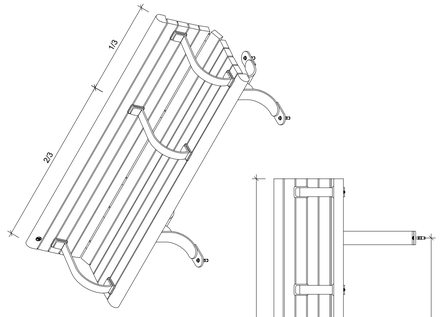
4 / L - 07 SHRUB NATURALIZATION
Scale: 1:50

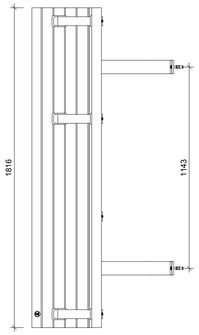


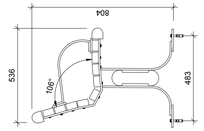
3 / L - 07 BIKE RACK LAYOUT
Scale: 1:25



2 / L - 07 BIKE RACK DETAIL
Scale: NTS

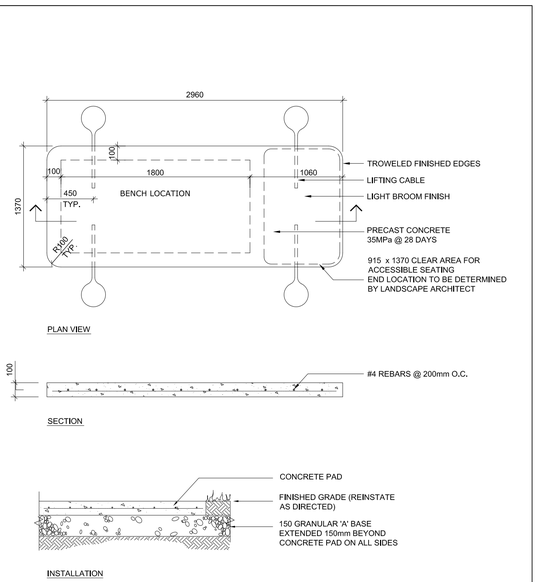






NOTE:
1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. FOR BENCH PAD DETAIL REFER TO SF2, SF3
3. THIRD ANCHREST HAS BOLT THROUGH CONNECTIONS SUPPORTED BY STEEL STRAPPING

Ottawa	TITLE: ACCESSIBLE BENCH DETAIL	DATE: FEB 2013 REV: MAR 2021 DWG No: SF1



Ottawa	TITLE: ACCESSIBLE CONCRETE PAD FOR BENCHES	DATE: FEB 2013 REV: FEB 2014 DWG No: SF2

IRONCLAD DEVELOPMENTS INC.
101-57158 Symington Road
Springfield, MB R2J 4L6
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info@icdev.ca

GENERAL NOTES:

1. ALL GENERAL SITE INFORMATION AND CONDITIONS COMPILED FROM EXISTING PLANS, SURVEYS AND CONSULTANT'S FIELD NOTES. REPORT ALL DISCREPANCIES PRIOR TO ANY WORK. NO RESPONSIBILITY IS BORNE BY THE CONSULTANT FOR UNKNOWN SUBSURFACE CONDITIONS.
2. THE LOCATION OF THE UTILITIES IF SHOWN ON THE DKEY PLANRAWINGS SET, TO BE CONSIDERED AS APPROXIMATE ONLY, AND THE EXACT LOCATIONS SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE.
3. CONTRACTOR TO REVIEW PROJECT WITH CONSULTANT(S) AND OWNER'S REPRESENTATIVE(S) PRIOR TO COMMENCING ANY ON SITE WORK.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS. EXISTING ELEMENTS TO BE REMOVED / RETAINED / SALVAGED / REINSTATED AS SHOWN ON THE DRAWINGS SET, PRIOR TO ANY CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE TO PRESERVE AND PROTECT EXISTING ELEMENTS TO BE RETAINED / SALVAGED.
6. CONTRACTOR TO MAINTAIN POSITIVE SURFACE RUNOFF THROUGH THE ENTIRE CONSTRUCTION PERIOD.
7. CONTRACTOR TO OBTAIN APPROVAL OF CONSULTANT FOR FINAL SUBGRADE PRIOR TO INSTALLATION OF BASE LAYER(S).
8. CONTRACTOR TO OBTAIN APPROVAL OF CONSULTANT FOR GRANULAR BASE AND LAYOUT OF ALL PAVEMENT AREAS PRIOR TO INSTALLATION OF SURFACE LAYER(S).
9. CONTRACTOR TO REINSTATE ALL AREAS AND ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.

Ruhland & Associates Ltd
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number/ numéro	milestone / fait saillant	date: (y/m/d) (a/m/j)	initials initiales
4	Issued for SPC resubmission	2026-11-04	
3	Issued for SPC resubmission	2026-10-23	
2	Issued for SPC resubmission	2026-09-11	
1	Issued For SPC Submission	2026-04-01	

designed by / concu par: V. Odusanya
checked by / verifie par: M. Ruhland
drawn by / dessine par: T.Frost
scale / echelle:

architect
consultant: ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO MARIE-A RUHLAND OALA MEMBER
consultant
consultant

project / location

319 HUNTMAR RD

319 Huntmar Rd, Ottawa, ON

drawing

DETAILS

project no. 25-1773

sheet no. **L - 07**

D07-12-26-0037

#19483