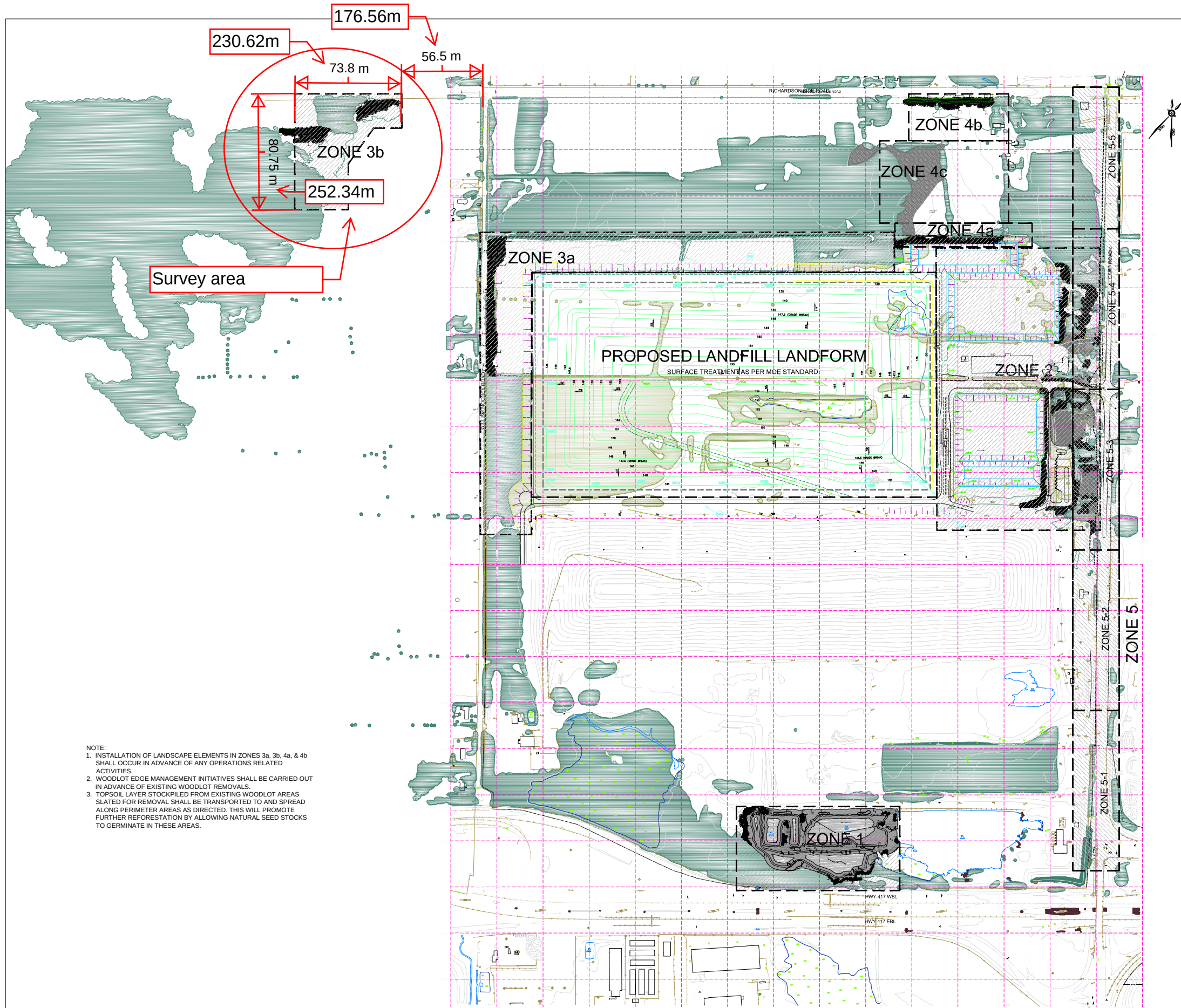




- NOTE:
1. INSTALLATION OF LANDSCAPE ELEMENTS IN ZONES 3a, 3b, 4a, & 4b SHALL OCCUR IN ADVANCE OF ANY OPERATIONS RELATED ACTIVITIES.
 2. WOODLOT EDGE MANAGEMENT INITIATIVES SHALL BE CARRIED OUT IN ADVANCE OF EXISTING WOODLOT REMOVALS.
 3. TOPSOIL LAYER STOCKPILED FROM EXISTING WOODLOT AREAS SLATED FOR REMOVAL SHALL BE TRANSPORTED TO AND SPREAD ALONG PERIMETER AREAS AS DIRECTED. THIS WILL PROMOTE FURTHER REFORESTATION BY ALLOWING NATURAL SEED STOCKS TO GERMINATE IN THESE AREAS.

PROJECT

West Carleton Environmental Centre
Site Plan Approval
Landscape Development

2349-2432 Carp Road
Ottawa, ON

CLIENT

WASTE MANAGEMENT
2301 Carp Road
Ottawa ON K0A 0Z8
www.WMCanada.com

CONSULTANT

AECOM Canada Ltd.
302-1150 Morrison Drive
Ottawa, ON
613.820.8282 tel 613.820.8338 fax
www.aecom.com

DRAWING REFERENCE KEY

ZONE 1	see Dwg. L3
ZONE 2	see Dwgs. L4, L5
ZONE 3a,b	see Dwg. L6
ZONE 4a,b	see Dwg. L7
ZONE 5	see Dwgs. L8, L9

REVISION DATE	
RE-ISSUED FOR SPA SUBMISSION	21/07/15
RE-ISSUED FOR SPA SUBMISSION	03/09/15
RE-ISSUED FOR SPA SUBMISSION	11/09/15

APPROVED ☐ REFUSED ☐

THIS DAY OF , 20

DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

PROJECT NUMBER

60340948

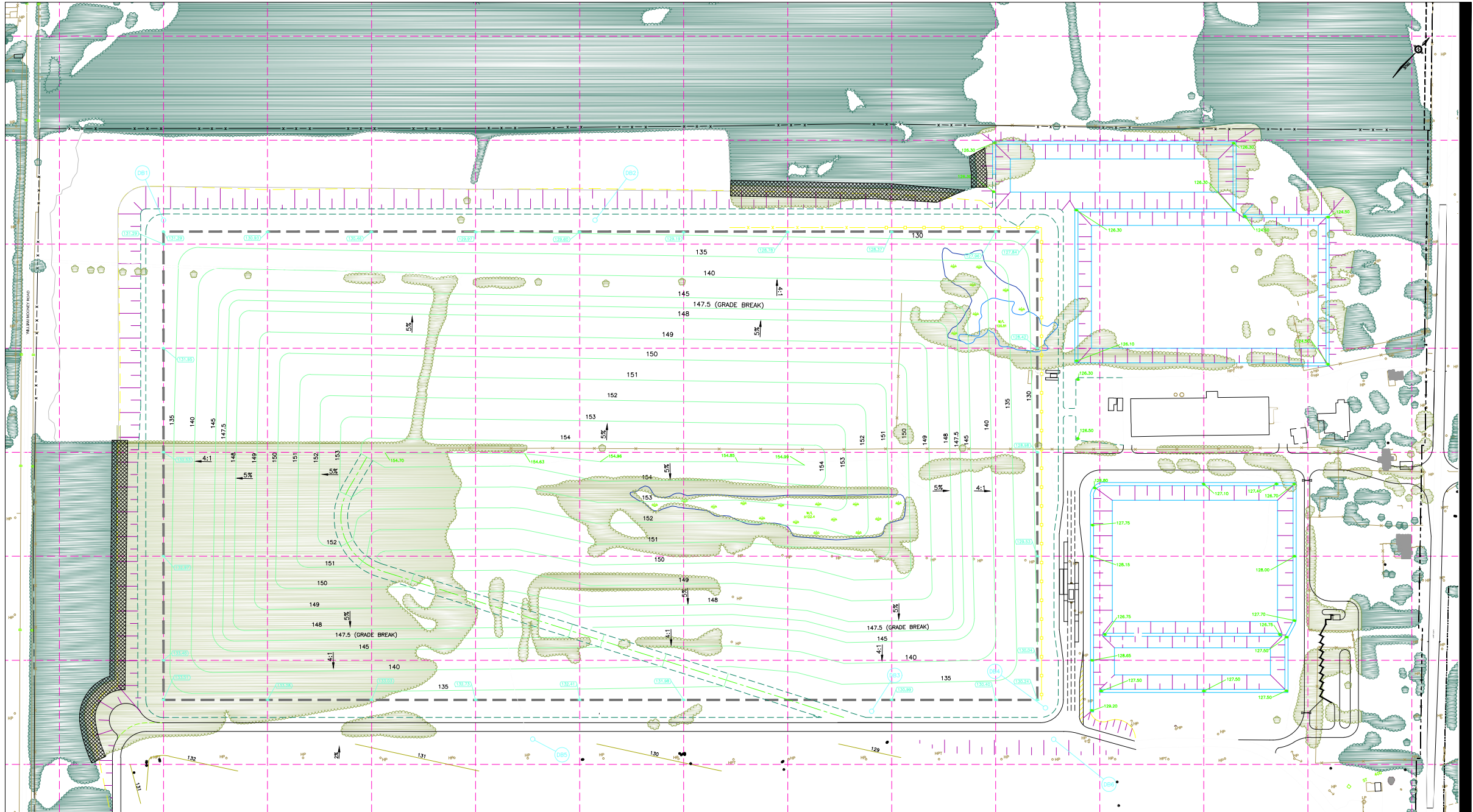
DRAWING TITLE

Landscape Zone Index Plan

DRAWING DATE
February 2015
DRAWN BY:
A. BECKING
SCALE:
AS SHOWN

L1

File # D07-12-15-0085



PROJECT
West Carleton Environmental Centre
Site Plan Approval
Landscape Development

2349-2432 Carp Road
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WASTE MANAGEMENT
2301 Carp Road
Ottawa ON K0A 0Z8
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LEGEND:

- EXISTING VEGETATION TO BE PROTECTED AND MAINTAINED
- EXISTING VEGETATION TO BE REMOVED
- EXTENT OF WOODLOT EDGE MANAGEMENT

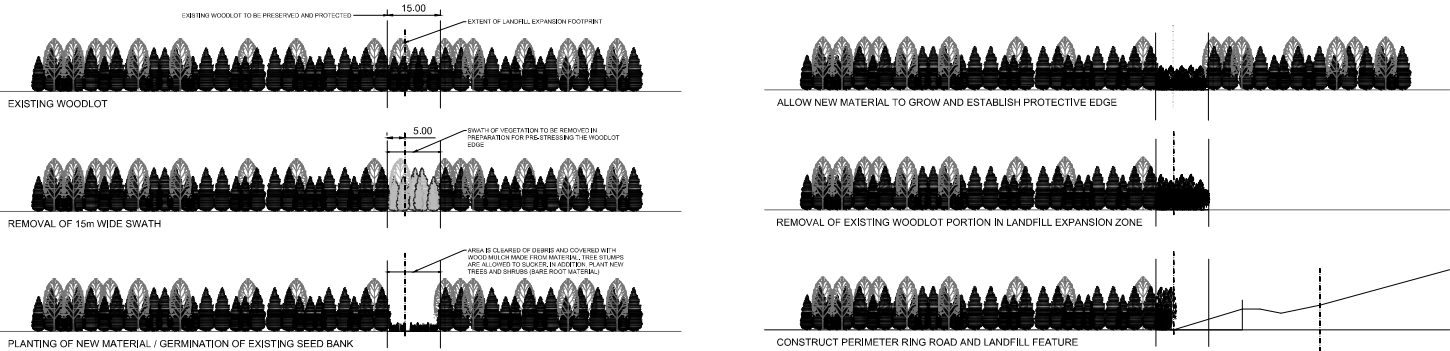
REVISION DATE
RE-ISSUED FOR SPA SUBMISSION 21/07/15
RE-ISSUED FOR SPA SUBMISSION 11/09/15

APPROVED ☐ **REFUSED** ☐
THIS DAY OF _____, 20____
DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

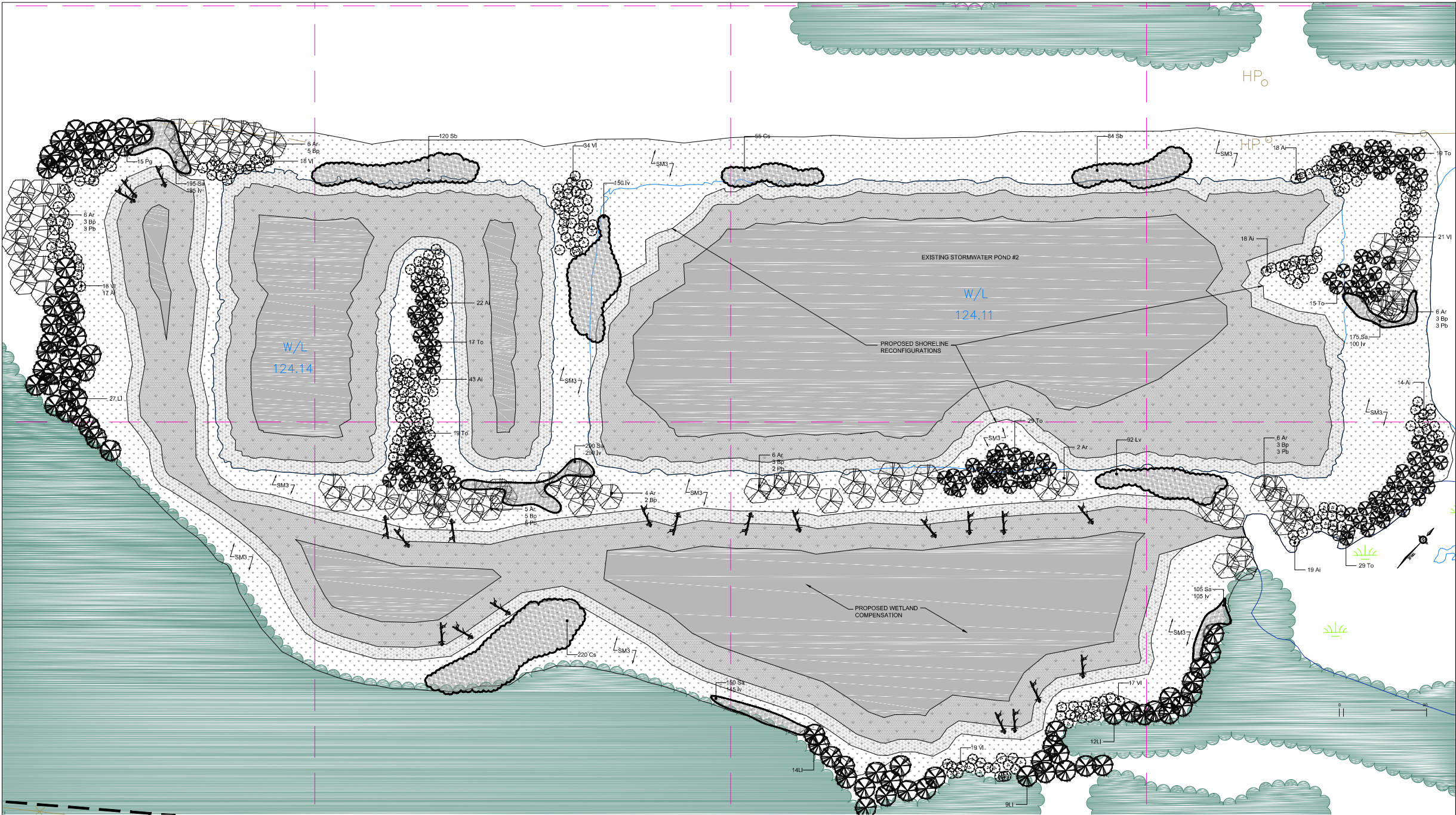
PROJECT NUMBER
60340948

DRAWING TITLE
Vegetation Removals & Woodlot
Edge Management Plan

DRAWING DATE
February 2015
DRAWN BY:
A. BECKING
SCALE:
AS SHOWN



WOODLOT EDGE MANAGEMENT PHASING



PROJECT

West Carleton Environmental Centre
Site Plan Approval
Landscape Development

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2301 Carp Road
Ottawa ON K0A 0Z8
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302-1150 Morrison Drive
Ottawa, ON
613.820.8282 tel 613.820.8338 fax
www.aecom.com

LEGEND:

- EXISTING VEGETATION TO BE RETAINED
- NATIVE PLANTINGS IN NATURAL ARRANGEMENTS
- LOG DEBRIS AND BOULDER ALONG SHORELINE (REFER TO SKETCH)
- SM3 - NATURALIZED WETLAND SEED MIXTURE (13,520 sq.m.)
- EMERGENT MARSH PLANTINGS (4,872 sq.m.)
- SHALLOW MARSH PLANTINGS (9,991 sq.m.)
- AQUATIC PLANTINGS (11,883 sq.m.)

REVISION DATE

RE-ISSUED FOR SPA SUBMISSION 21/07/15
RE-ISSUED FOR SPA SUBMISSION 10/08/15
RE-ISSUED FOR SPA SUBMISSION 11/09/15

APPROVED ☐ REFUSED ☐
THIS DAY OF , 20

DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

PROJECT NUMBER

60340948

DRAWING TITLE

Wetland Compensation Plan -
Zone 1

DRAWING DATE

February 2015

DRAWN BY:

A. BECKING

SCALE:

AS SHOWN

L3

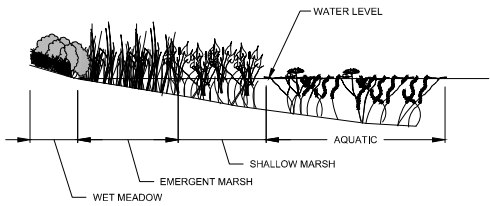
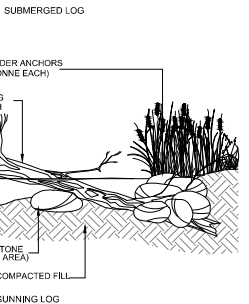
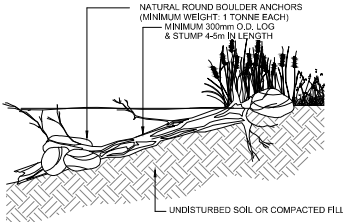
File # D07-12-15-0085

PLANT LIST - ZONE 1 WETLAND AREA

ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
Trees					
Ar	Acer rubrum	Native Red Maple	250cm Ht., BB	37	Straight trunk, well developed side branching, symmetrical form
Bp	Betula papyrifera	White Birch	250cm Ht., BB	21	3 stem clump, straight trunk, well developed branching
Li	Larix laricina	Tamarack	1.0m Ht., WB	62	Straight trunk, full, well branched, bushy symmetrical form
Pg	Picea glauca	White Spruce	1.0m Ht., WB	15	Straight trunk, full, well branched, bushy symmetrical form
Pb	Populus balsamifera	Balsam Poplar	250cm Ht., BB	13	Straight trunk, well developed side branching, symmetrical form
To	Thuja occidentalis	Eastern White Cedar	1.0m Ht., WB	109	Swamp cedars, well developed, bushy, symmetrical form
Note: Deciduous tree trunk size to be 40mm Cal. min. (field grown stock)					
Shrubs					
Al	Alnus incana	Speckled Alder	1.0m Ht., Potted	161	Well branched, bushy form, min. 5 canes
Cs	Cornus sericea	Red Osier Dogwood	1.0m Ht., Potted	275	Well branched, bushy form, min. 7 canes
Iv	Ilex verticillata	Winterberry	1.0m Ht., Potted	555	Well branched, bushy form, min. 7 canes
Lv	Lonicera villosa	Northern Honeysuckle	1.0m Ht., Potted	242	Well branched, bushy form, min. 5 canes
Sb	Salix bebbiana	Bebb's Willow	1.0m Ht., Potted	204	Well branched, bushy form, min. 5 canes
Sa	Spiraea alba	Narrow-leaved Meadowsweet	1.0m Ht., Potted	915	Well branched, bushy form, min. 5 canes
Vt	Viburnum lentago	Nannyberry	1.0m Ht., Potted	125	Well branched, bushy form, min. 5 canes
Emergent Marsh					
Ac	Acorus calamus	Sweet Flag	plug	4500	Planted 0.5m O/C
Sc	Scheuchzeria palustris	Soft-stem Bulrush	plug	4500	Planted 0.5m O/C
Ir	Iris versicolor	Blue Flag Iris	plug	4500	Planted 0.5m O/C
Al	Alisma subcordatum	Water Plantain	plug	4500	Planted 0.5m O/C
Sp	Sparganium eurycarpum	Large-fruited Burreed	plug	4500	Planted 0.5m O/C
Shallow Marsh					
Np	Najas variegata	Yellow Pond Lily	plug	10000	Planted 0.5m O/C
Py	Polygonum amphibium	Water Smartweed	plug	10000	Planted 0.5m O/C
Pl	Potamogeton natans	Broad-leaved Pondweed	plug	10000	Planted 0.5m O/C
Sa	Sagittaria arifolia	Broadleaf Arrowhead	plug	10000	Planted 0.5m O/C
Aquatics					
Wt	Wolffia linearis	White Water Lily	plug	3000	Planted 1.0m O/C
Uv	Utricularia vulgaris	Bladderwort	plug	3000	Planted 1.0m O/C
Cw	Ceratophyllum demersum	Canadian Waterweed	plug	3000	Planted 1.0m O/C

SEED MIXTURES

Botanical Name	Common Name	Botanical Name	Common Name
SM3 - "Naturalized Wetland c/w Cover Crop"	Bebb's Sedge	Leersia oryzoides	Rice Cutgrass
Carex bebbii	Bonaset	Juncus effusus	Soft Rush
Eupatorium perfoliatum	Fowl Bluegrass	Eupatorium maculatum	Spotted Joe Pye Weed
Poa palustris	Fox Sedge	Carex riparia	Stalk-grain Sedge
Carex vulpinoidea	Dark Green Bulrush	Asclepias incarnata	Swamp Milkweed
Scirpus atrovirens	Nodding Bur Mangold	Glyceria grandis	Tall Manna Grass
Bidens cernua	Purple Stemmed Aster		
Aster purpureus			
Seeding Rate: 25 kg/hectare (23 lbs/acre)		Spot Application: 278 g/100m ² (0.6 lbs/1000 ft ²)	
Cover Crop	Annual Rye Grass		
Lolium multiflorum			
Seeding Rate: 22 kg/hectare			



SHORELINE LOG DEBRIS

WETLAND EDGE PLANTINGS



2349-2432 Carp Road
Ottawa, ON

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WASTE MANAGEMENT
2301 Carp Road
Ottawa ON K0A 0Z8
www.WMCanada.com

CONSULTANT

AECOM Canada Ltd.
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Ottawa, ON
613.820.8282 tel 613.820.8338 fax
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LEGEND:

-
- EXISTING VEGETATION TO BE PROTECTED AND MAINTAINED**
- CARP ROAD RIGHT OF WAY**
- EXTENT OF CARP ROAD CORRIDOR LANDSCAPE TREATMENT**
- PROPOSED NATIVE PLANTINGS IN NATURAL ARRANGEMENTS**
- SM2 - "BUTTERFLY HUMMINGBIRD" NATIVE SEED MIX**
- SM4 - HYDROSEED - ENVIROGREEN 2000' LOW MAINTENANCE TURF SEED**
- AREA LEFT FALLOW**
- AREA ALLOWED TO UNDERGO NATURAL SUCCESSION**
- MATCHLINE - INFORMATION CONTINUED ON DRAWING QUOTED**

FOR ZONE 2 PLANT LIST REFER TO DWG. L5

<u>REVISION DATE</u>	
RE-ISSUED FOR SPA SUBMISSION	21/07/15
RE-ISSUED FOR SPA SUBMISSION	11/09/15

APPROVED ☐ REFUSED ☐

THIS ____ DAY OF _____, 20 ____

DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

PROJECT NUMBER

60340948

DRAWING TITLE

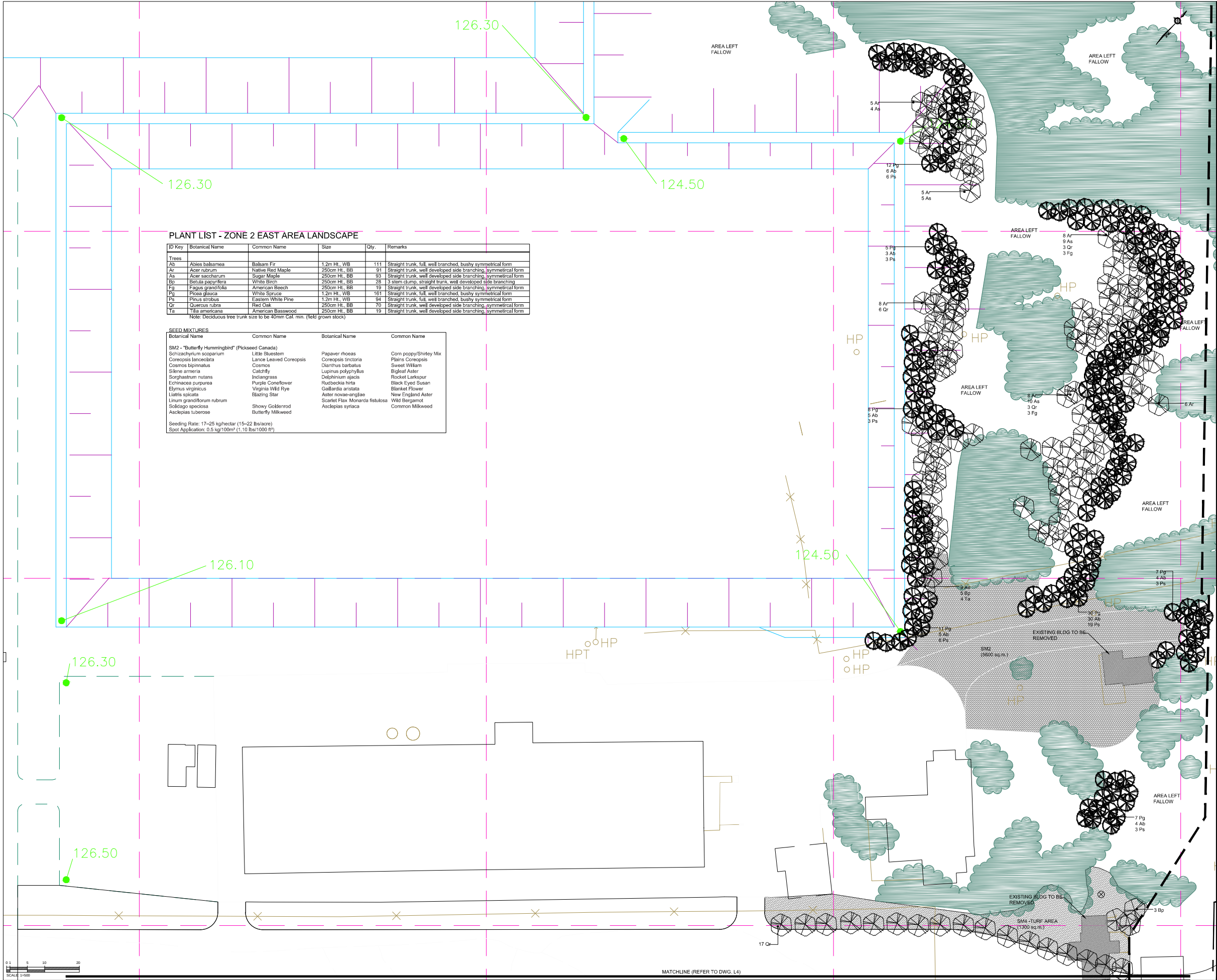
Main Entrance Area -
Zone 2 (Drawing 1/2)

DRAWING DATE:
February 2015

DRAWN BY:
A. BECKING

SCALE:
AS SHOWN

L4



PLANT LIST - ZONE 2 EAST AREA LANDSCAPE

ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
Trees					
Ab	Abies balsamea	Balsam Fir	1.2m Ht., WB	111	Straight trunk, full, well branched, bushy symmetrical form
Ar	Acer rubrum	Native Red Maple	250cm Ht., BB	91	Straight trunk, well developed side branching, symmetrical form
As	Acer saccharum	Sugar Maple	250cm Ht., BB	93	Straight trunk, well developed side branching, symmetrical form
Bp	Betula papyrifera	White Birch	250cm Ht., BB	28	3 stem clump, straight trunk, well developed side branching
Fg	Fagus grandifolia	American Beech	250cm Ht., BB	19	Straight trunk, well developed side branching, symmetrical form
Pg	Pinus glauca	White Spruce	1.2m Ht., WB	161	Straight trunk, full, well branched, bushy symmetrical form
Ps	Pinus strobus	Eastern White Pine	1.2m Ht., WB	94	Straight trunk, full, well branched, bushy symmetrical form
Qr	Quercus rubra	Red Oak	250cm Ht., BB	70	Straight trunk, well developed side branching, symmetrical form
Ta	Tilia americana	American Basswood	250cm Ht., BB	19	Straight trunk, well developed side branching, symmetrical form

SEED MIXTURES			
Botanical Name	Common Name	Botanical Name	Common Name
SM2 - "Butterfly Hummingbird" (Pickseed Canada)			
Schizanthus scoparium	Little Bluestem	Papaver rhoeas	Corn poppy/Shirley Mix
Coreopsis lanceolata	Lance Leaved Coreopsis	Coreopsis tricolora	Plains Coreopsis
Cosmos bipinnatus	Cosmos	Dianthus barbatus	Sweet William
Silene aemula	Catchfly	Lupinus polyphyllus	Bigleaf Aster
Sorghastrum nutans	Indiangrass	Delphinium ajacis	Rocket Larkspur
Echinacea purpurea	Purple Coneflower	Rudbeckia hirta	Black Eyed Susan
Elymus virginicus	Virginia Wild Rye	Gaillardia aristata	Blanket Flower
Liatris spicata	Blazing Star	Aster novae-angliae	New England Aster
Linum grandiflorum rubrum	Showy Goldenrod	Scarflet Flax Monarda fistulosa	Wild Bergamot
Solidago speciosa	Butterfly Milkweed	Asclepias syriaca	Common Milkweed
Asclepias tuberosa			

Seeding Rate: 17-25 kg/hectar (15-22 lbs/acre)
Spot Application: 0.5 kg/100m² (1.10 lbs/1000 ft²)

PROJECT

West Carleton Environmental Centre
Site Plan Approval
Landscape Development

2349 to 2432 Carp Road
Ottawa, ON

CLIENT

WASTE MANAGEMENT

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LEGEND:

- EXISTING VEGETATION TO BE PROTECTED AND MAINTAINED
- CARP ROAD RIGHT OF WAY
- EXTENT OF CARP ROAD CORRIDOR LANDSCAPE TREATMENT
- PROPOSED NATIVE PLANTINGS IN NATURAL ARRANGEMENTS
- SM2 - "BUTTERFLY HUMMINGBIRD" NATIVE SEED MIX
- SM4 - HYDROSEED - "ENVIROGREEN 2000" LOW MAINTENANCE TURF SEED
- AREA LEFT FALLOW
- AREA ALLOWED TO UNDERGO NATURAL SUCCESSION
- MATCHLINE - INFORMATION CONTINUED ON DRAWING QUOTED

REVISION DATE

RE-ISSUED FOR SPA SUBMISSION 21/07/15
RE-ISSUED FOR SPA SUBMISSION 10/08/15
RE-ISSUED FOR SPA SUBMISSION 11/09/15

APPROVED ☐ REFUSED ☐
THIS DAY OF , 20
DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

PROJECT NUMBER

60340948

DRAWING TITLE

Main Entrance Area -
Zone 2 (Drawing 2/2)

DRAWING DATE

February 2015

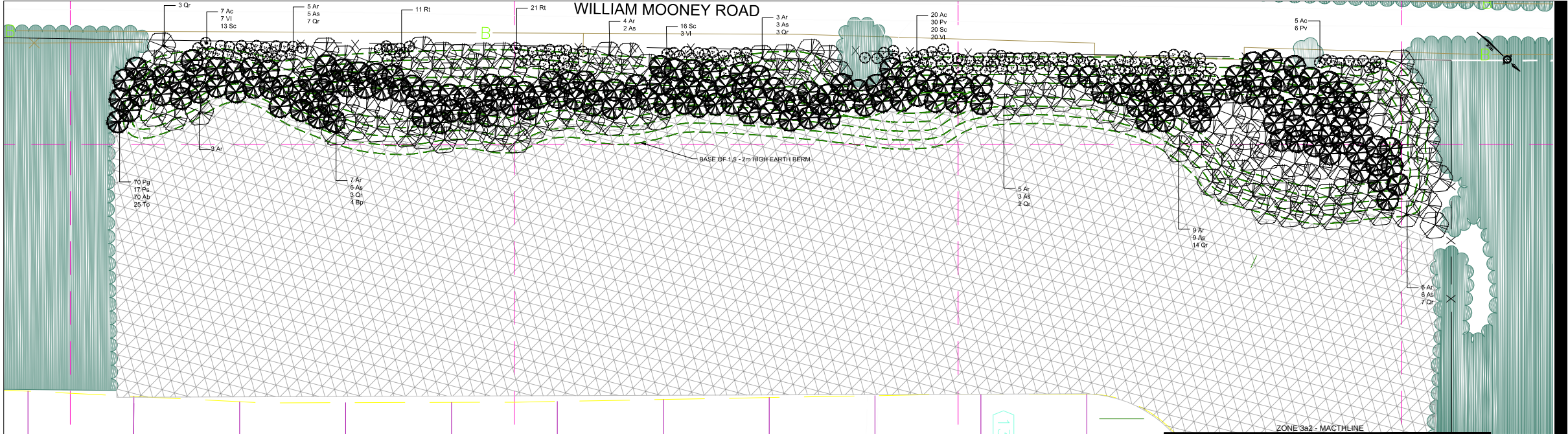
DRAWN BY

A. BECKING

SCALE

AS SHOWN

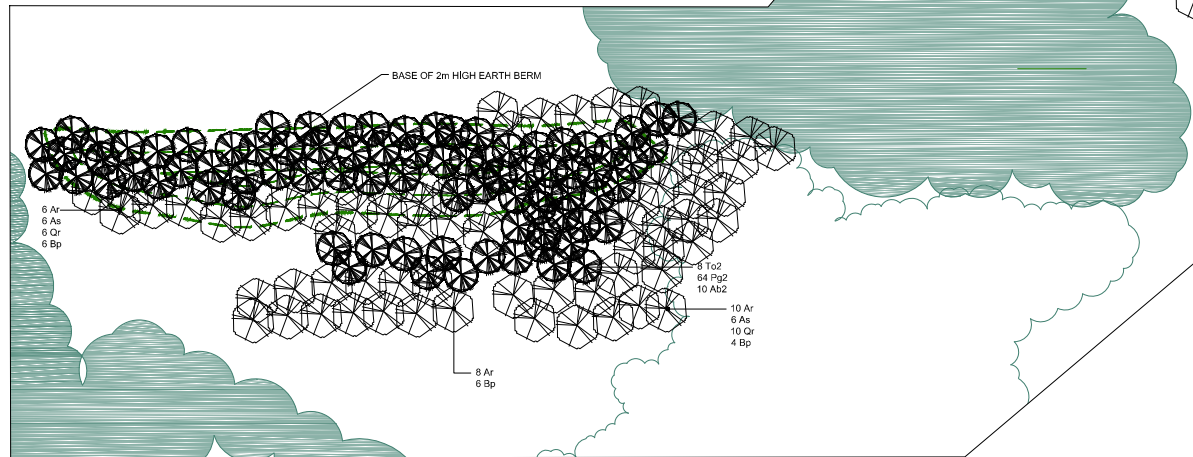
L5



ZONE 3a1 - WEST EDGE VISUAL SCREEN PLANTING

PLANT LIST - ZONE 3a LANDSCAPE

ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
Trees					
Ab	Abies balsamea	Balsam Fir	1.2m Ht., WB	66	Straight trunk, full, well branched, bushy symmetrical form
Ar	Acer rubrum	Native Red Maple	250cm Ht., BB	80	Straight trunk, well developed side branching, symmetrical form
As	Acer saccharum	Sugar Maple	250cm Ht., BB	60	Straight trunk, well developed side branching, symmetrical form
Bp	Betula papyrifera	White Birch	250cm Ht., BB	23	3 stem clump, straight trunk, well developed side branching
Pg	Picea glauca	White Spruce	1.2m Ht., WB	100	Straight trunk, full, well branched, bushy symmetrical form
Ps	Pinus strobus	Eastern White Pine	1.2m Ht., WB	60	Straight trunk, full, well branched, bushy symmetrical form
Qr	Quercus rubra	Red Oak	250cm Ht., BB	45	Straight trunk, well developed side branching, symmetrical form
To	Thuja occidentalis	Eastern White Cedar	1.2m Ht., BB	85	Swamp cedar, well developed side branching, symmetrical form
Note: Deciduous tree trunk size to be 40mm Cal. min. (field grown stock)					
Shrubs					
Ac	Amelanchier canadensis	Downy Serviceberry	1.0m Ht., Potted	32	Well branched, bushy form, min. 5 canes
Sc	Sambucus canadensis	Elderberry	1.0m Ht., Potted	56	Well branched, bushy form, min. 7 canes
Pv	Prunus virginiana	Choke Cherry	1.0m Ht., Potted	28	Well branched, bushy form, min. 5 canes
Rt	Rhus typhina	Staghorn Sumac	1.0m Ht., Potted	42	Well branched, bushy form, min. 5 canes
Vi	Viburnum lentago	Nannyberry	1.0m Ht., Potted	34	Well branched, bushy form, min. 5 canes



ZONE 3b - NORTHWEST VISUAL SCREEN PLANTING

PLANT LIST - ZONE 3b LANDSCAPE

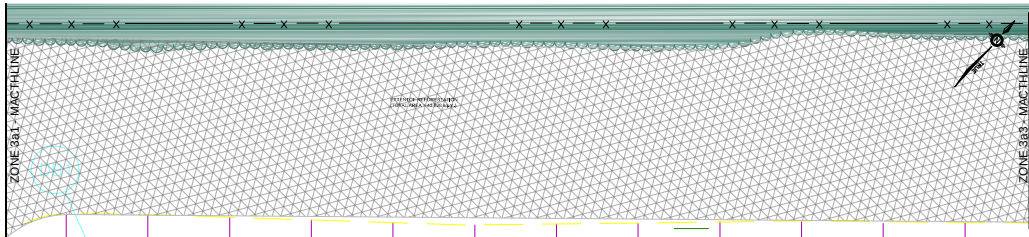
ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
Trees					
Ab	Abies balsamea	Balsam Fir	1.2m Ht., WB	20	Straight trunk, full, well branched, bushy symmetrical form
Ab2	Abies balsamea	Balsam Fir	1.8m Ht., WB	10	Straight trunk, full, well branched, bushy symmetrical form
Ar	Acer rubrum	Native Red Maple	250cm Ht., BB	24	Straight trunk, well developed side branching, symmetrical form
As	Acer saccharum	Sugar Maple	250cm Ht., BB	12	Straight trunk, well developed side branching, symmetrical form
Bp	Betula papyrifera	White Birch	250cm Ht., BB	18	3 stem clump, straight trunk, well developed side branching
Pg	Picea glauca	White Spruce	1.2m Ht., WB	30	Straight trunk, full, well branched, bushy symmetrical form
Pg2	Picea glauca	White Spruce	1.8m Ht., WB	64	Straight trunk, full, well branched, bushy symmetrical form
Qr	Quercus rubra	Red Oak	250cm Ht., BB	18	Straight trunk, well developed side branching, symmetrical form
To	Thuja occidentalis	Eastern White Cedar	1.2m Ht., BB	14	Swamp cedar, well developed side branching, symmetrical form
To2	Thuja occidentalis	Eastern White Cedar	1.8m Ht., BB	8	Swamp cedar, well developed side branching, symmetrical form
Note: Deciduous tree trunk size to be 40mm Cal. min. (field grown stock)					

PLANT LIST - ZONE 3 REFORESTATION AREA

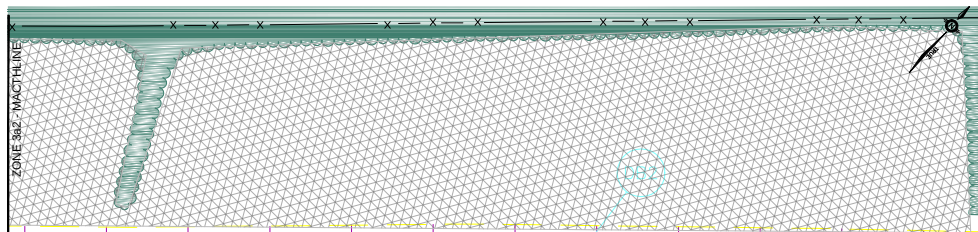
ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
Trees					
Ar2	Acer rubrum	Native Red Maple	300mm Ht., BR	3395	Seeding, Planted 2.0m O/C
As2	Acer saccharum	Sugar Maple	300mm Ht., BR	3395	Seeding, Planted 2.0m O/C
Bp2	Betula papyrifera	White Birch	300mm Ht., BR	3395	Seeding, Planted 2.0m O/C
Pg2	Pinus strobus	Eastern White Pine	300mm Ht., BR	3395	Seeding, Planted 2.0m O/C
Pb2	Populus balsamifera	Balsam Poplar	300mm Ht., BR	3395	Seeding, Planted 2.0m O/C
Pt2	Populus tremuloides	Trembling Aspen	300mm Ht., BR	3395	Seeding, Planted 2.0m O/C
To2	Thuja occidentalis	Eastern White Cedar	300mm Ht., BR	3395	Seeding, Planted 2.0m O/C

- Growing medium for reforestation area to be conditioned with organic matter and topsoil. Ground is to be tilled to mitigate compaction. Prepared soil is to be a minimum depth of 200mm.
- Surface after planting is to receive an application of approved cover crop seed mixture broadcasted.
- Reforestation area is to be covered with 75mm of wood mulch (product of chipping existing vegetation removed)

SEED MIXTURE - Cover Crop for Reforestation Area	
Botanical Name	Common Name
Lolium multiflorum	Annual Rye Grass
Seeding Rate: 22 kg/hectare (20 lbs/acre)	



ZONE 3a2 - REFORESTATION PLANTING



ZONE 3a3 - REFORESTATION PLANTING

PROJECT

West Carleton Environmental Centre
Site Plan Approval
Landscape Development

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Ottawa, ON

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WASTE MANAGEMENT

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- EXISTING VEGETATION TO BE PROTECTED AND MAINTAINED
- PROPOSED NATIVE PLANTINGS IN NATURAL ARRANGEMENTS
- REFORESTATION AREA
- EARTH BERM

REVISION DATE

- RE-ISSUED FOR SPA SUBMISSION 21/07/15
- RE-ISSUED FOR SPA SUBMISSION 10/08/15
- RE-ISSUED FOR SPA SUBMISSION 09/09/15
- RE-ISSUED FOR SPA SUBMISSION 28/09/15

APPROVED ☐ REFUSED ☐

THIS DAY OF , 20

DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

PROJECT NUMBER

60430948

DRAWING TITLE

West End Visual Screening -
Zone 3

DRAWING DATE

February 2015

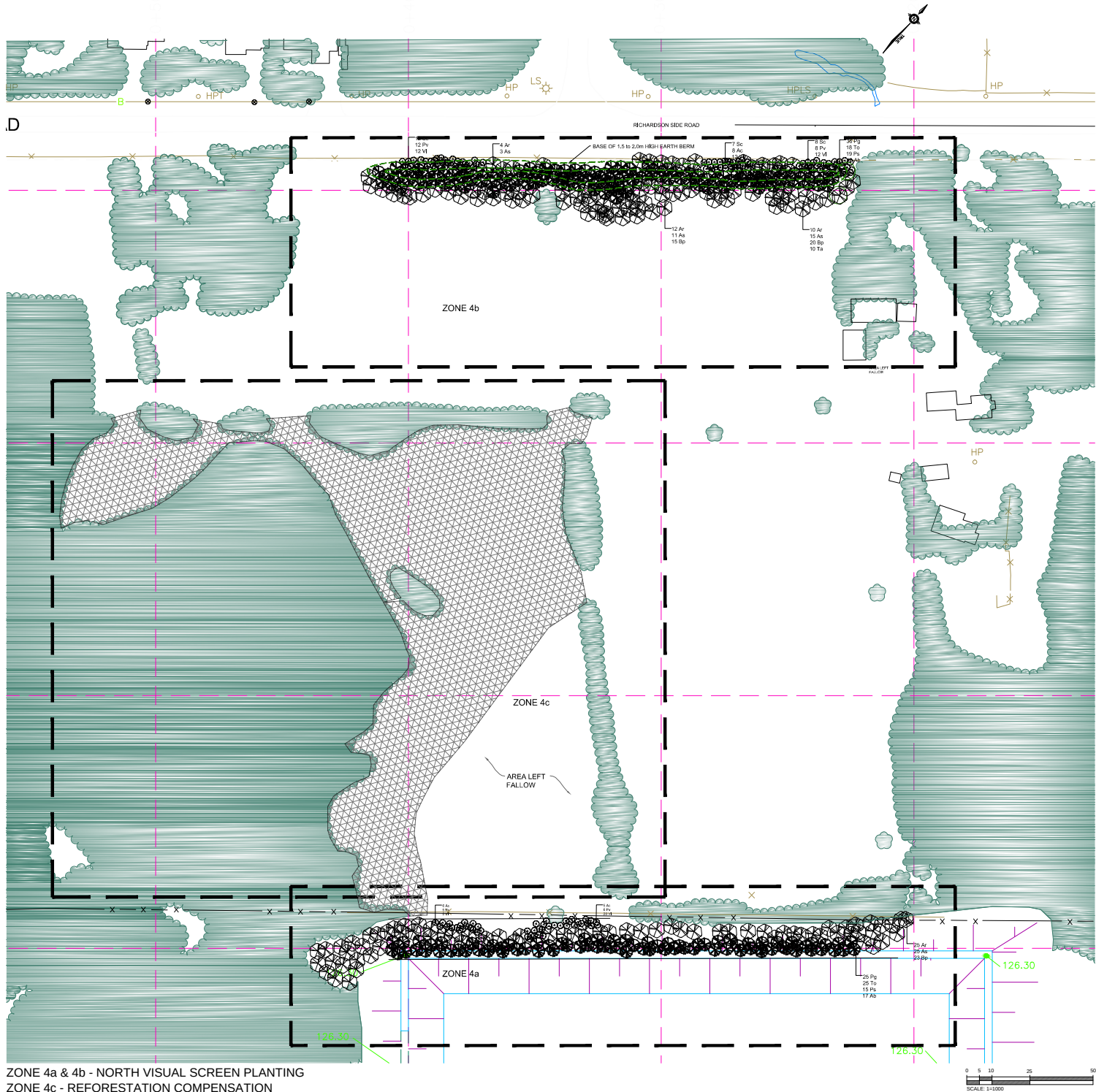
DRAWN BY:

A. BECKING

SCALE:

AS SHOWN

L6



PLANT LIST - ZONE 4a & 4b NORTH LANDSCAPE AREA

ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
Trees					
Ab	Abies balsamea	Balsam Fir	1.2m Ht., WB	65	Straight trunk, full, well branched, bushy symmetrical form
Ar	Acer rubrum	Native Red Maple	250cm Ht., BB	51	Straight trunk, well developed side branching, symmetrical form
As	Acer saccharum	Sugar Maple	250cm Ht., BB	55	Straight trunk, well developed side branching, symmetrical form
Bp	Betula papyrifera	White Birch	250cm Ht., BB	58	3 stem clump, straight trunk, well developed side branching
Pg	Picea glauca	White Spruce	1.2m Ht., WB	61	Straight trunk, full, well branched, bushy symmetrical form
Ps	Pinus strobus	Eastern White Pine	1.2m Ht., WB	34	Straight trunk, full, well branched, bushy symmetrical form
Ta	Tilia americana	American Basswood	250cm Ht., BB	10	Straight trunk, well developed side branching, symmetrical form
To	Thuja occidentalis	Eastern White Cedar	1.2m Ht., BB	43	Swamp cedar, well developed side branching, symmetrical form
Note: Deciduous tree trunk size to be 40mm Cal. min. (field grown stock)					
Shrubs					
Ac	Amelanchier canadensis	Downy Serviceberry	1.0m Ht., Potted	19	Well branched, bushy form, min. 5 canes
Sc	Sambucus canadensis	Elderberry	1.0m Ht., Potted	27	Well branched, bushy form, min. 7 canes
Pv	Prunus virginiana	Choke Cherry	1.0m Ht., Potted	29	Well branched, bushy form, min. 5 canes
Vl	Viburnum lentago	Nannyberry	1.0m Ht., Potted	64	Well branched, bushy form, min. 5 canes

PLANT LIST - ZONE 4c REFORESTATION AREA

ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
Trees					
Ar2	Acer rubrum	Native Red Maple	300mm Ht., BR	910	Seedling, Planted 2.0m O/C
As2	Acer saccharum	Sugar Maple	300mm Ht., BR	910	Seedling, Planted 2.0m O/C
Bp2	Betula papyrifera	White Birch	300mm Ht., BR	910	Seedling, Planted 2.0m O/C
Ps2	Pinus strobus	Eastern White Pine	300mm Ht., BR	910	Seedling, Planted 2.0m O/C
Po2	Populus balsamifera	Balsam Poplar	300mm Ht., BR	910	Seedling, Planted 2.0m O/C
Pt2	Populus tremuloides	Trembling Aspen	300mm Ht., BR	910	Seedling, Planted 2.0m O/C
To2	Thuja occidentalis	Eastern White Cedar	300mm Ht., BR	910	Seedling, Planted 2.0m O/C

- Growing medium for reforestation area to be conditioned with organic matter and topsoil. Ground is to be tilled to mitigate compaction.
- Prepared soil is to be a minimum depth of 200mm.
- Surface after planting is to receive an application of approved cover crop seed mixture broadcasted.
- Reforestation area is to be covered with 75mm of wood mulch (product of chipping existing vegetation removed)

SEED MIXTURE - Cover Crop for Reforestation Area	
Botanical Name	Common Name
Lokum multiflorum	Annual Rye Grass
Seeding Rate: 22 kg/hectar (20 lbs/acre)	

PROJECT
West Carleton Environmental Centre
Site Plan Approval
Landscape Development

2349 to 2432 Carp Road

CLIENT
WASTE MANAGEMENT
2301 Carp Road
Ottawa ON K0A 0Z8
www.WMCanada.com

CONSULTANT
AECOM Canada Ltd.
302-1150 Morrison Drive
Ottawa, ON
613.820.8282 tel 613.820.8338 fax
www.aecom.com

- LEGEND:**
- EXISTING VEGETATION TO BE PROTECTED AND MAINTAINED
 - PROPOSED NATIVE PLANTINGS IN NATURAL ARRANGEMENTS
 - AREA OF REFORESTATION (13000 sq.m.)

- REVISION DATE**
- RE-ISSUED FOR SPA SUBMISSION 21/07/15
 - RE-ISSUED FOR SPA SUBMISSION 10/08/15
 - RE-ISSUED FOR SPA SUBMISSION 11/09/15
 - RE-ISSUED FOR SPA SUBMISSION 01/10/15

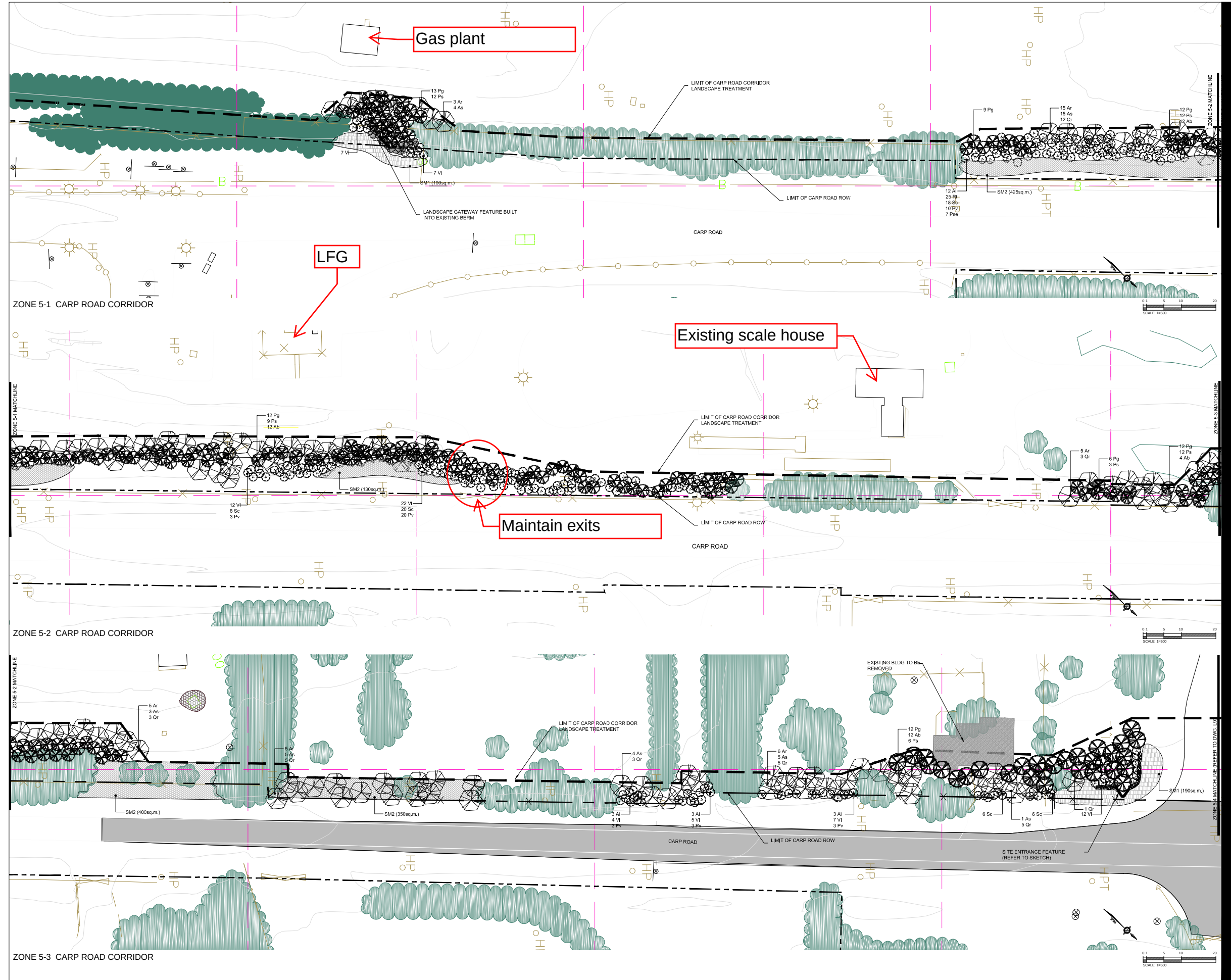
APPROVED ☐ REFUSED ☐
THIS DAY OF , 20
DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

PROJECT NUMBER
60430948

DRAWING TITLE
North End Visual Screening
Zone 4

DRAWING DATE
February 2015

L7



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- LEGEND:**
- EXISTING VEGETATION TO BE PROTECTED AND MAINTAINED
 - CARP ROAD RIGHT OF WAY
 - EXTENT OF CARP ROAD CORRIDOR LANDSCAPE TREATMENT
 - PROPOSED NATIVE PLANTINGS IN NATURAL ARRANGEMENTS
 - SM1 - "WILDFLOWER SUN" NATIVE SEED MIX
 - SM2 - "BUTTERFLY HUMMINGBIRD" NATIVE SEED MIX
 - AREA LEFT FOLLOW
 - AREA ALLOWED TO UNDERGO NATURAL SUCCESSION
 - MATCHLINE - INFORMATION CONTINUED ON DRAWING QUOTED

REVISION DATE
RE-ISSUED FOR SPA SUBMISSION 21/07/15
RE-ISSUED FOR SPA SUBMISSION 11/09/15

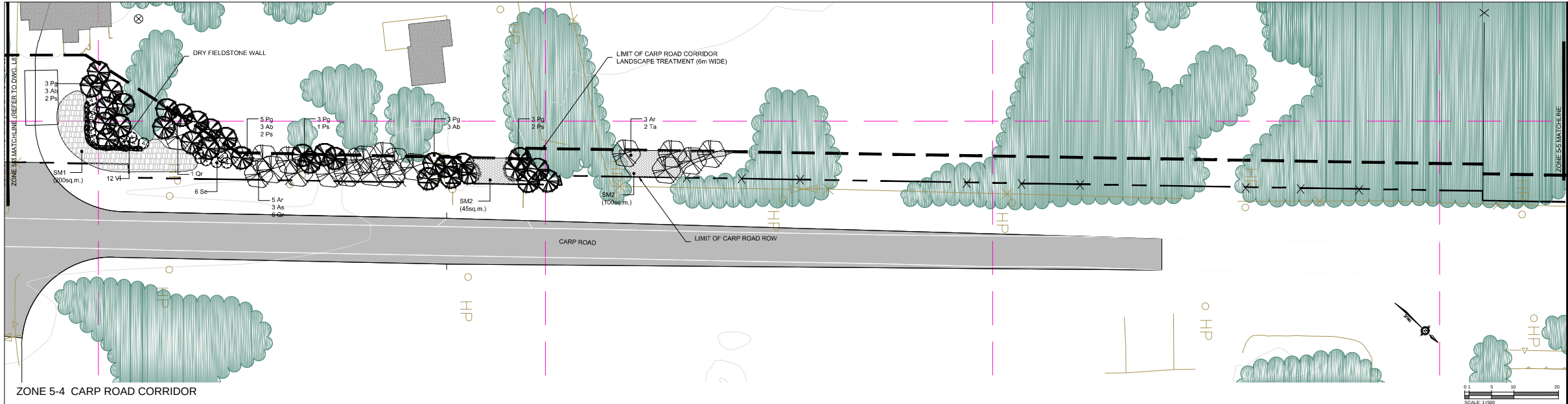
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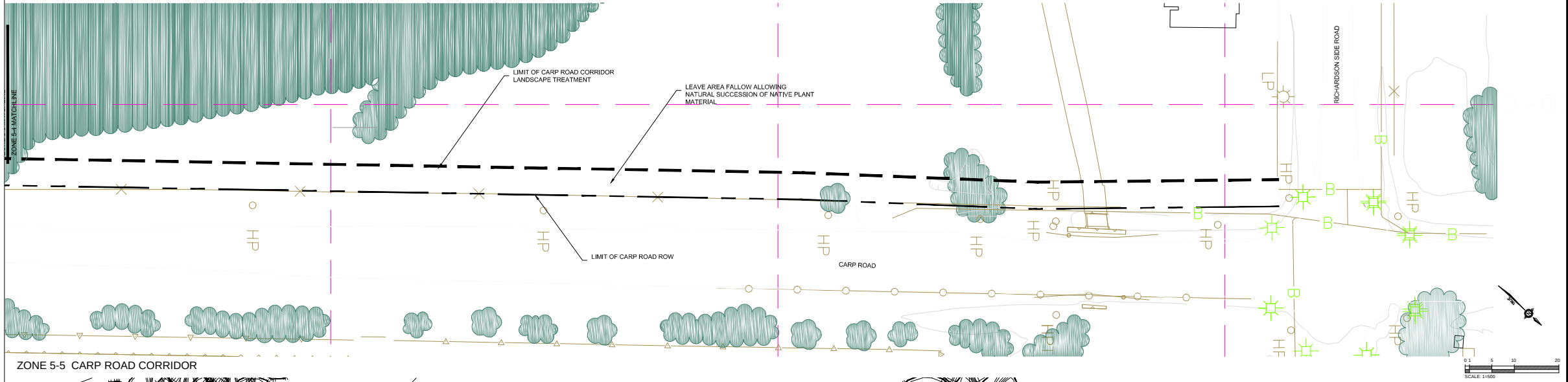
DRAWING TITLE
Carp Road Corridor Landscape
Zone 5 (Drawing 1/2)

DRAWING DATE
February 2015
DRAWN BY:
A. BUCHANAN
SCALE:
AS SHOWN

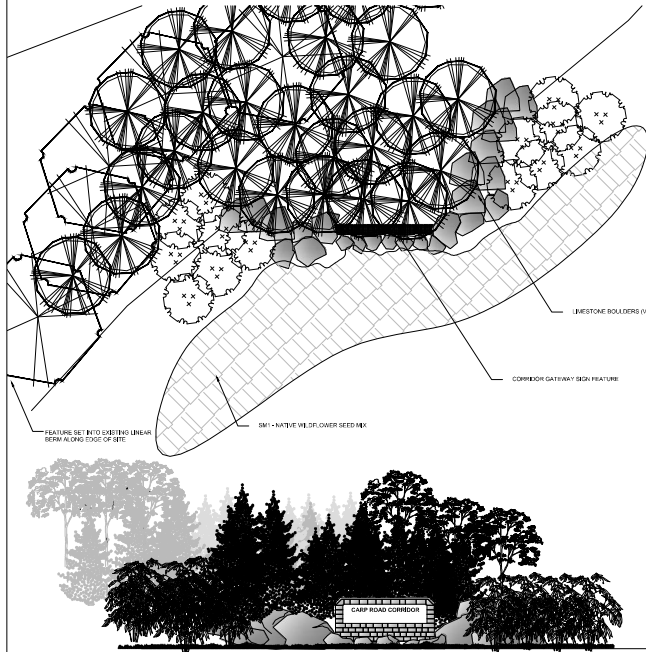
L8



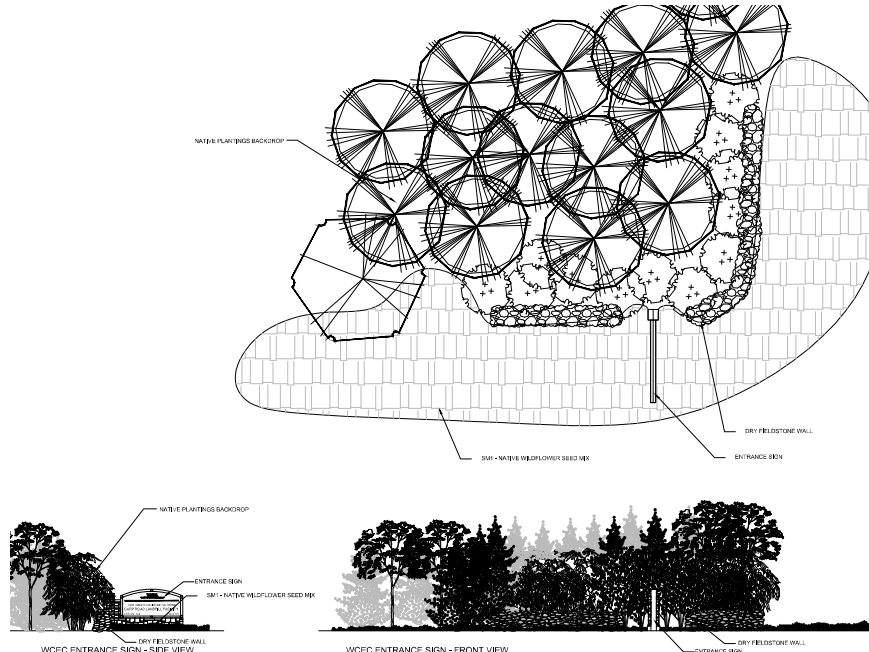
ZONE 5-4 CARP ROAD CORRIDOR



ZONE 5-5 CARP ROAD CORRIDOR



CARP ROAD CORRIDOR GATEWAY DESIGN ENLARGEMENT



WCEC ENTRANCE SIGNAGE DESIGN ENLARGEMENT

PLANT LIST - ZONE 5 - CARP ROAD CORRIDOR LANDSCAPE

ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
Trees					
Ab	Abies balsamea	Balsam Fir	1.2m Ht., WB	49	Straight trunk, full well branched, bushy symmetrical form
Ar	Acer rubrum	Native Red Maple	250cm Ht., BB	42	Straight trunk, well developed side branching, symmetrical form
As	Acer saccharum	Sugar Maple	250cm Ht., BB	37	Straight trunk, well developed side branching, symmetrical form
Pg	Pinus glauca	White Spruce	1.2m Ht., WB	87	Straight trunk, full well branched, bushy symmetrical form
Ps	Pinus strobus	Eastern White Pine	1.2m Ht., WB	64	Straight trunk, full well branched, bushy symmetrical form
Qr	Quercus rubra	Red Oak	250cm Ht., BB	47	Straight trunk, well developed side branching, symmetrical form
Ta	Tilia americana	American Basswood	250cm Ht., BB	2	Straight trunk, well developed side branching, symmetrical form
Shrubs					
Al	Alnus incana	Speckled Alder	1.0m Ht., Potted	21	Well branched, bushy form, min. 5 canes
Pr	Prunus serotina	Black Cherry	1.0m Ht., Potted	7	Well branched, bushy form, min. 5 canes
Pv	Prunus virginiana	Choke Cherry	1.0m Ht., Potted	42	Well branched, bushy form, min. 5 canes
Rt	Rhus typhina	Staghorn Sumac	1.0m Ht., Potted	25	Well branched, bushy form
Sc	Sambucus canadensis	Common Elderberry	1.0m Ht., Potted	62	Well branched, bushy form, min. 5 canes
Vi	Viburnum lentago	Nannyberry	1.0m Ht., Potted	88	Well branched, bushy form, min. 5 canes
SEED MIXTURES					
SM1 - "Wildflower Sun" (Pickseed Canada)					
SM2 - "Butterfly Hummingbird" (Pickseed Canada)					
Seeding Rate: 28 kg/hectare (25 lbs/acre) Spot Application: 1 kg/100m ² (2.25 lbs/1000 ft ²)					

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DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW, RURAL SERVICES

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DRAWING TITLE
Carp Road Corridor Landscape
Zone 5 (Drawing 2/2)

DRAWING DATE
REVISION DATE
DRAWN BY
SCALE
AS SHOWN

L9