



PROJECT
 West Carleton Environmental Centre
 Site Plan Approval
 Landscape Development

2349 to 2432 Carp Road
 Ottawa, ON

CLIENT

WASTE MANAGEMENT
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 Ottawa ON K0A 0Z8
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CONSULTANT

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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

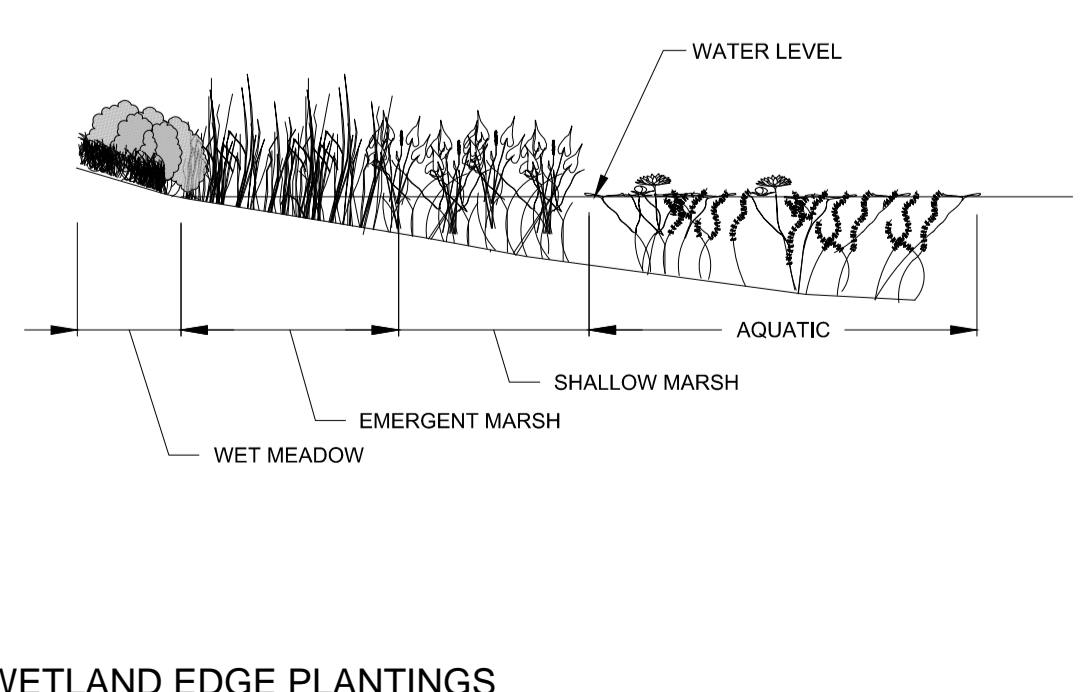
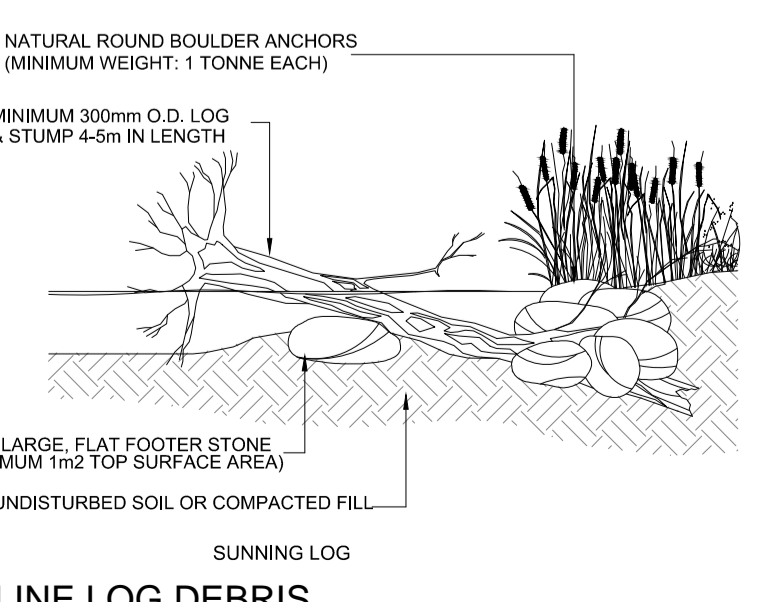
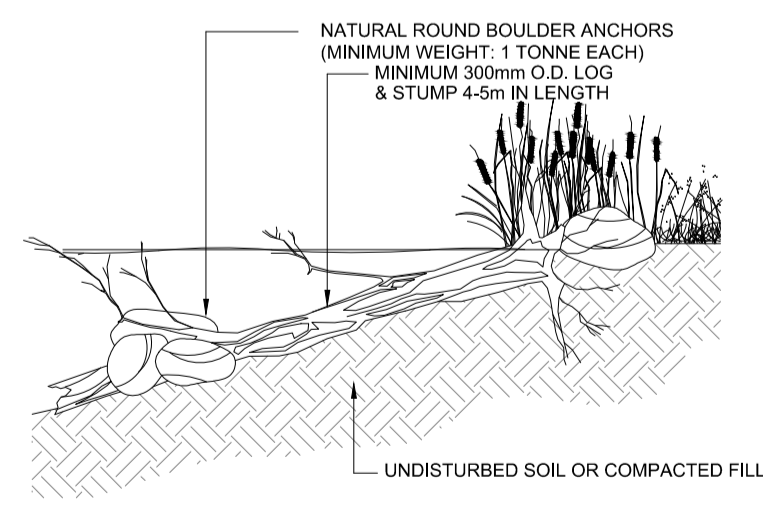
PROJECT NUMBER
 60340948

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
Ll	Larix laricina	Tamarack	1.0m Ht., WB	62	Straight trunk, full, well branched, bushy symmetrical form
Lg	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
<i>Note: Deciduous tree trunk size to be 40mm Cal. min. (field grown stock)</i>					
Shrubs					
Ai	Ailnux 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
Vl	Viburnum lentago	Nannyberry	1.0m Ht., Potted	125	Well branched, bushy form, min. 5 canes
Emergent Marsh					
Ta	Typha latifolia	Sweet Flag	plug	4500	Planted 0.5m O/C
Sa	Sagittaria arifolia	Soft-stem Bulrush	plug	4500	Planted 0.5m O/C
Is	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	Nuphar variegatum	Yellow Pond Lily	plug	10000	Planted 0.5m O/C
Py	Polygonum amphibium	Water Smartweed	plug	10000	Planted 0.5m O/C
Pa	Potamogeton zosterifolius	Broad-leaved Pondweed	plug	10000	Planted 0.5m O/C
Sl	Sagittaria latifolia	Broadleaf Arrowhead	plug	10000	Planted 0.5m O/C
Aquatics					
Nw	Nymphaea alba	White Water lily	plug	5000	Planted 1.0m O/C
Bv	Bladderwort	Bladderwort	plug	5000	Planted 1.0m O/C
Cw	Canadian Waterweed	Canadian Waterweed	plug	5000	Planted 1.0m O/C

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