

**PROJECT**  
 West Carleton Environmental Centre  
 Site Plan Approval  
 Landscape Development

2349 to 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

- 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 (16574 sq.m.)
  - EMERGENT MARSH PLANTINGS (4,571 sq.m.)
  - SHALLOW MARSH PLANTINGS (12,369 sq.m.)
  - AQUATIC PLANTINGS (6,962 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\_\_

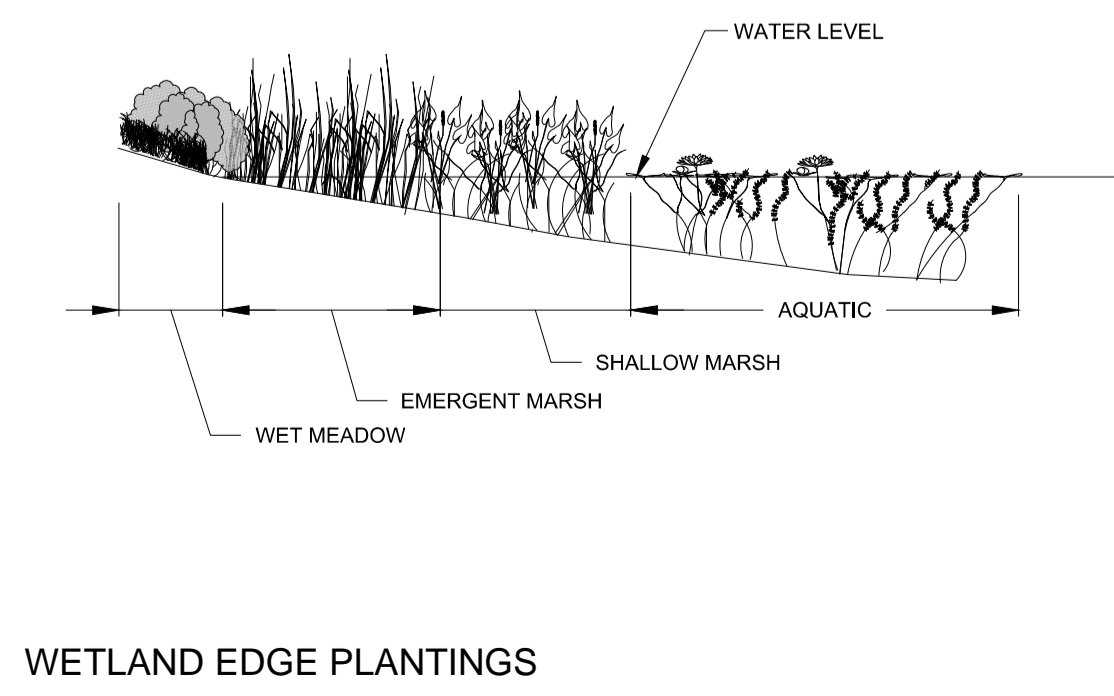
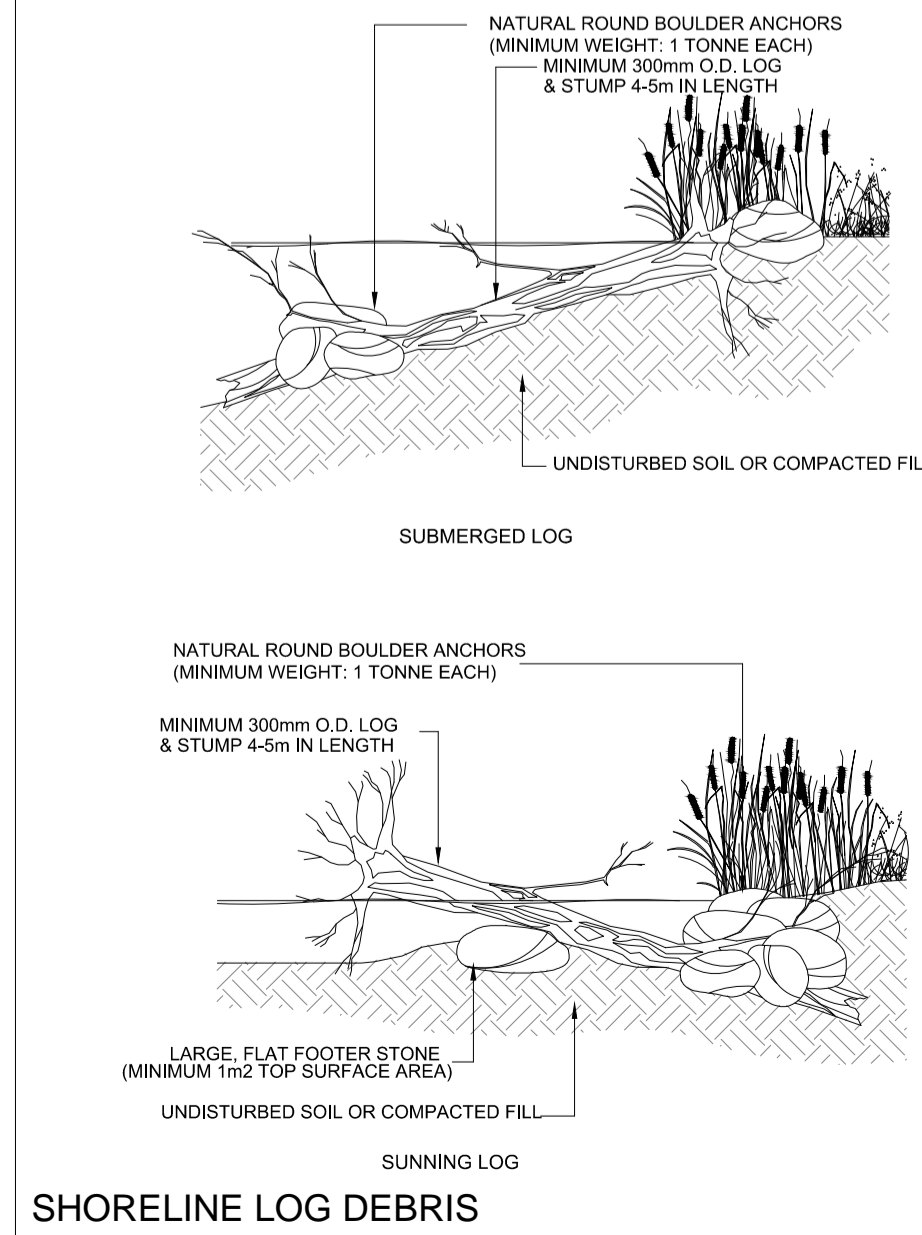
**DERRICK MOODIE, MANAGER**  
 DEVELOPMENT REVIEW, RURAL SERVICES

**PROJECT NUMBER**  
 60340948

**DRAWING TITLE**  
 Wetland Compensation Plan -  
 Zone 1

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

**L3**



**PLANT LIST - ZONE 1 WETLAND AREA**

ID Key	Botanical Name	Common Name	Size	Qty.	Remarks
<b>Trees</b>					
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., SIB	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
<small>Note: Deciduous tree trunk size to be 40mm Cal, min. (field grown stock)</small>					
<b>Shrubs</b>					
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	294	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
Vi	Viburnum lentago	Nannyberry	1.0m Ht., Potted	125	Well branched, bushy form, min. 5 canes
<b>Emergent Marsh</b>					
	Acorus calamus	Sweet Flag	plug	3600	Planted 0.5m O/C
	Schoenoplectus tabernaemontani	Soft-stem Bulrush	plug	3600	Planted 0.5m O/C
	Iris versicolor	Blue Flag Iris	plug	3600	Planted 0.5m O/C
	Alisma subcordatum	Water plantain	plug	3600	Planted 0.5m O/C
	Sparganium eurycarpum	Large-fruited Burreed	plug	3600	Planted 0.5m O/C
<b>Shallow Marsh</b>					
	Nuphar variegatum	Yellow Pond Lily	plug	10000	Planted 0.5m O/C
	Polygonum amphibium	Water Smartweed	plug	10000	Planted 0.5m O/C
	Potamogeton natans	Broad-leaved Pondweed	plug	10000	Planted 0.5m O/C
	Sagittaria latifolia	Broadleaf Arrowhead	plug	10000	Planted 0.5m O/C
<b>Aquatics</b>					
	Nymphaea alba	White Water Lily	plug	2300	Planted 1.0m O/C
	Utricularia vulgaris	Bladderwort	plug	2300	Planted 1.0m O/C
	Elodea canadensis	Canadian Waterweed	plug	2300	Planted 1.0m O/C

SEED MIXTURES	Botanical Name	Common Name	Botanical Name	Common Name
SM3 - "Naturalized Wetland c/w Cover Crop"	Carex bebbii	Bebb's Sedge	Leersia oryzoides	Rice Cutgrass
	Eupatorium perfoliatum	Boneset	Juncus effusus	Soft Rush
	Poa palustris	Fowl 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 <sup>2</sup> (0.6 lbs/1000 ft <sup>2</sup> )	
Cover Crop	Lolium multiflorum	Annual Rye Grass		
	Seeding Rate: 22 kg/hectare			