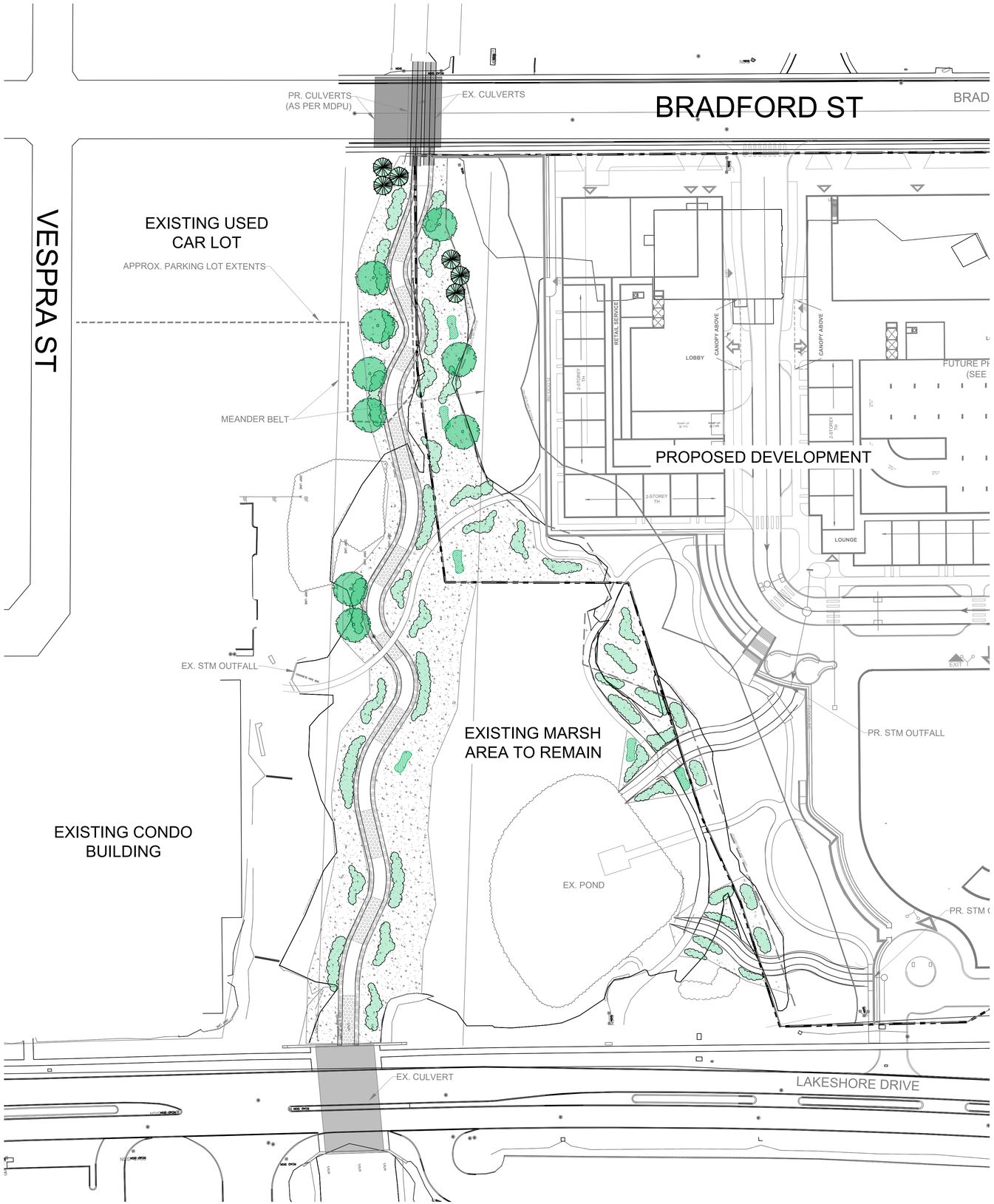



## PLANT LIST

| SCIENTIFIC NAME | COMMON NAME | SIZE | CONDITION | SPACING |
|---|---|---|---|---|
| DECIDUOUS TREES | | | | |
| *Acer freemanii* | Freeman's Maple | 125-150cm HT | Potted | 5m O.C. |
| *Acer rubrum* | Red Maple | 125-150cm HT | Potted | 5m O.C. |
| *Acer saccharinum* | Silver Maple | 200-250cm ht | Potted | 5m O.C. |
| *Quercus macrocarpa* | Bur Oak | 125cm HT | Potted | 5m O.C. |
| *Salix amygdaloides* | Peachleaf Willow | 125cm HT | Potted | 5m O.C. |
| *Tilia americana* | Basswood | 125cm HT | Potted | 5m O.C. |
| *Ulmus americana* | American Elm | 125cm HT | Potted | 5m O.C. |
| CONIFEROUS TREES | | | | |
| *Thuja occidentalis* | White Cedar | 60-80cm 2Gal Pot | Potted | 3m O.C. |
| SHRUBS | | | | |
| *Cornus racemosa* | Gray Dogwood | 40-75cm 1Gal Pot | Potted | 1m O.C. |
| *Cornus stolonifera* | Red Osier Dogwood | 40-75cm 1Gal Pot | Potted | 1m O.C. |
| *Parthenocissus inserta* | Thicket Creeper | 40-75cm 1Gal Pot | Potted | 1m O.C. |
| *Physocarpus opulifolius* | Common Ninebark | 40-75cm 1Gal Pot | Potted | 1m O.C. |
| *Salix discolor* | Pussy Willow | 40-75cm 1Gal Pot | Potted | 1m O.C. |
| *Salix eriocephala* | Wooly Willow | 40-75cm 1Gal Pot | Potted | 1m O.C. |
| *Salix exigua* | Sandbar Willow | 40-75cm 1Gal Pot | Potted | 1m O.C. |
| *Spirea alba* | Narrow-leaved Meadowsweet | 40-75cm 1Gal Pot | Potted | 1m O.C. |
| *Viburnum lentago* | Nannyberry | 40-75cm 1Gal Pot | Potted | 1m O.C. |

| SCIENTIFIC NAME | COMMON NAME | CONDITION | SPACING |
|---|---|---|---|
| HERBACEOUS | | | |
| *Alisma triviale* | Water-plantain | Plug | 0.5m O.C. |
| *Asclepias incarnata* | Swamp Milkweed | Plug | 0.5m O.C. |
| *Calamagrostis canadensis* | Bluejoint Reedgrass | Plug | 0.5m O.C. |
| *Carex vulpinoidea* | Fox Sedge | Plug | 0.5m O.C. |
| *Chelone glabra* | White Turtlehead | Plug | 0.5m O.C. |
| *Eupatorium perfoliatum* | Common Boneset | Plug | 0.5m O.C. |
| *Eutrochium maculatum ssp.. maculatum* | Spotted Joe Pye Weed | Plug | 0.5m O.C. |
| *Leersia oryzoides* | Rice Cutgrass | Plug | 0.5m O.C. |
| *Mimulus ringens* | Square-stemmed Monkeyflower | Plug | 0.5m O.C. |
| *Poa palustris* | Fowl Bluegrass | Plug | 0.5m O.C. |
| *Sparganium eurycarpum* | Broad fruited Burreed | Plug | 0.5m O.C. |
| *Symphyotrichum puniceum* | Swamp Aster | Plug | 0.5m O.C. |
| *Verbena hastata* | Blue Vervain | Plug | 0.5m O.C. |

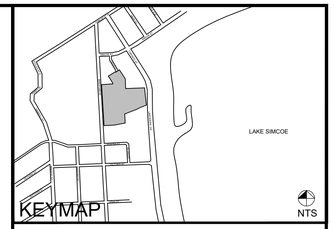
## SEED MIXES

**WET MEADOW SEED MIX**

| SCIENTIFIC NAME | COMMON NAME | SEEDING RATE (kg PLS per/10 000 sq. m) | PROPORTION OF SEED MIX(%) |
|---|---|---|---|
| FORBS | | | |
| *Aesclepis incarnata* | Swamp Milkweed | 5 | 14.29 |
| *Eupatorium maculatum* | Spotted Joe-Pye Weed | 0.5 | 1.43 |
| *Eupatorium perfoliatum* | Boneset | 0.3 | 0.86 |
| *Lobelia cardinalis* | Cardinal Flower | 0.04 | 0.11 |
| *Monarda fistulosa* | Wild Bergamot | 0.4 | 0.14 |
| *Rudbeckia laciniata* | Green Headed Coneflower | 2.0 | 5.71 |
| *Symphiotrichum (Aster) novae-angliae* | New England Aster | 0.3 | 0.86 |
| *Symphiotrichum (Aster) puniceum* | Flat Topped Aster | 0.4 | 1.14 |
| *Symphiotrichum (Aster) umbellatus* | Purple Stemmed Aster | 0.6 | 1.71 |
| *Verbena hastata* | Blue Vervain | 0.3 | 0.86 |
| GRASSES | | | |
| *Calamagrostis canadensis* | Canada Blue Joint | 0.1 | 2 |
| *Carex aurea* | Gold-Fruited Sedge | 1.0 | 2.86 |
| *Carex bebbii* | Bebbs Sedge | 0.6 | 1.71 |
| *Carex granularis* | Grain Sedge | 1.0 | 2.86 |
| *Carex vulpinoidea* | Fox Sedge | 0.2 | 0.57 |
| *Elymus canadensis* | Canada Wild Rye | 10.0 | 28.57 |
| *Elymus riparius* | Riverbank Wild Rye | 7.0 | 20.0 |
| *Glyceria striata* | Fowl Mana Grass | 0.2 | 0.57 |
| *Juncus effusus* | Soft Stemmed Rush | 0.04 | 0.11 |
| *Junucs tenuis* | Path Rush | 0.02 | 0.06 |
| TOTAL NATIVE SPECIES | | 30 | 100 |

**NURSE CROP SEED MIX**

| SCIENTIFIC NAME | COMMON NAME | SEEDING RATE (kg PLS per/10 000 sq. m) | PLS REQUIRED (kg PLS per/5000sq. m) |
|---|---|---|---|
| FORBS | | | |
| *Lolium multiflorum* | Annual rye grass | 30 | 15 |
| *Avena sativa* | Oats | 35 | 17.5 |
| TOTAL NURSE CROP | | 65 | 32.5 |




## LEGEND

- Property Boundary
- Edge of Water
- Proposed Floodline
- 15 m Wetland Buffer
- Wetland Limit
- Proposed Deciduous Tree
- Proposed Coniferous Tree
- Proposed Shrub Masses
- Proposed Herbaceous Plugs
- Native Wet Meadow Mix Total Area: 5000 m²

NOTES: SCALE SHOWN IS FOR AN 36" x 24" PAGE.
FOR ILLUSTRATIVE PURPOSES. DO NOT SCALE

| Nº | REVISIONS | DATE: | BY: |
|---|---|---|---|
| 6 | | | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | | | |
| 1 | ISSUED FOR REVIEW | 2020/08/20 | SC |

SCALE
1:500
0 10 20 40m

NORTH ARROW
NORTH

SEAL
ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO
STEPHAN CRIBBIN
OALA
NOT FOR CONSTRUCTION UNLESS SIGNED & DATED
MEMBER

NOT FOR CONSTRUCTION UNLESS SIGNED & DATED

BEACON ENVIRONMENTAL

CLIENT
BARRIE LAKESHORE DEVELOPMENTS

PROJECT
51, 53, 55 & 75 BRADFORD ST & 20 CHECKLY ST BARRIE

SHEET TITLE
CONCEPTUAL RESTORATION PLANTING PLAN

| | |
|---|---|
| DESIGN BY: NC | PROJECT Nº: 219403.2 |
| DRAWN BY: NC | FIGURE Nº: |
| CHECKED BY: SC | L1 |
| DATE: 20 August 2020 | |