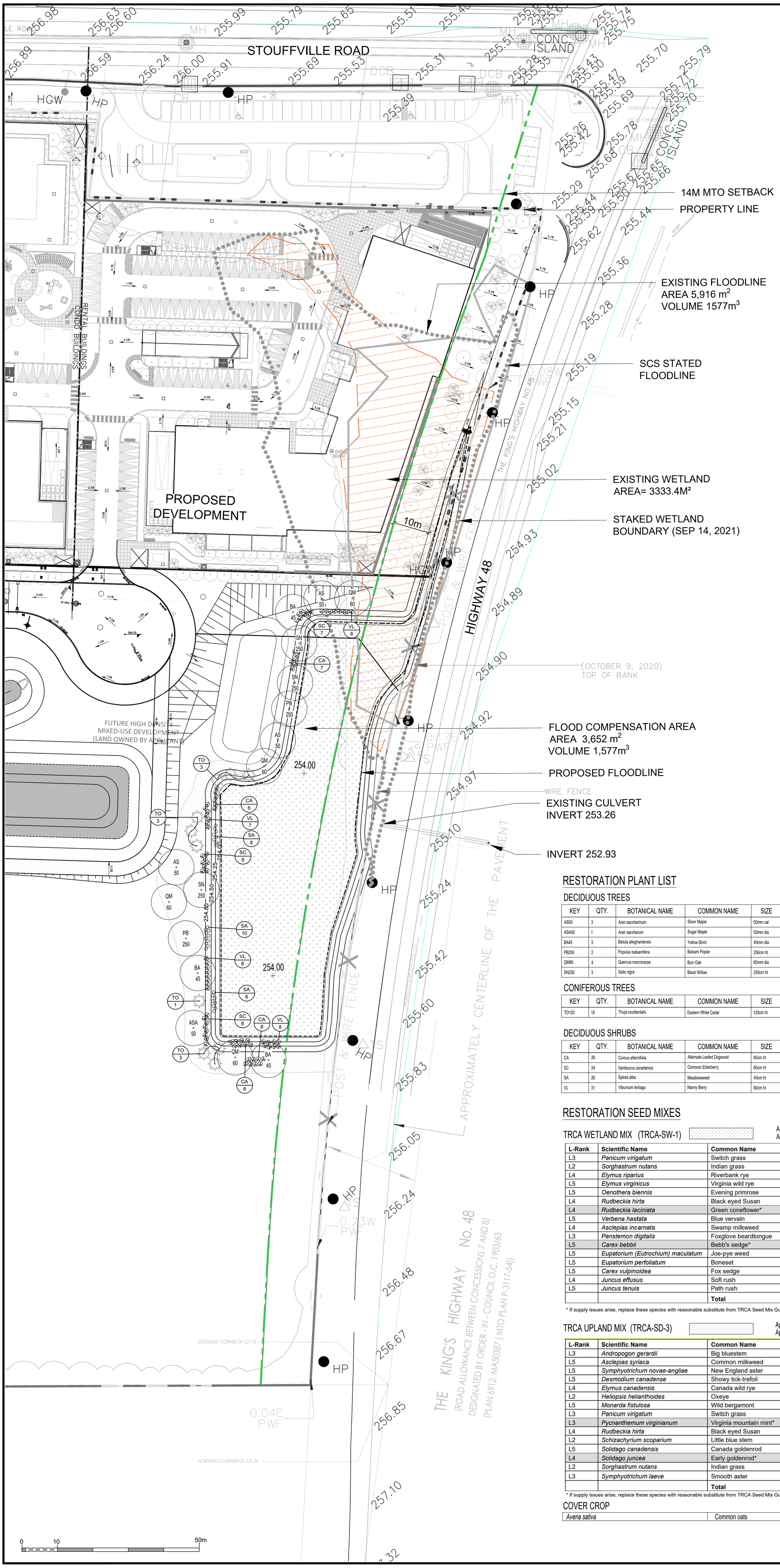


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No.	Revision	Date	By
1	Issued for OPA/ZBLA Submission	2025/04/02	RMS
2	Issued for OPA/ZBLA Submission	2026/10/09	RMS

LEGEND

- PROPERTY LINE
- MTO 14m SETBACK
- EXISTING 254.64 FLOOD CONTOUR
- STAKED WETLAND
- EXISTING .25m CONTOURS
- 254.64 PROPOSED 254.00 FLOOD CONTOUR
- 254.25 PROPOSED .25m CONTOURS
- PROPOSED UPLAND SEED MIX
- PROPOSED WETLAND SEED MIX
- BA × 45 PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED SHRUBS
- TL 3 PLANT KEY

RESTORATION PLANT LIST

DECIDUOUS TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOTS	REMARKS
AS50	3	Acer saccharinum	Silver Maple	50mm cal	W.B.	-
ASA50	1	Acer saccharum	Sugar Maple	50mm dia	W.B.	-
BA45	3	Betula alleghaniensis	Yellow Birch	45mm dia	W.B.	-
PB250	2	Populus balsamifera	Balsam Poplar	250cm ht	B.R.	-
QM60	4	Quercus macrocarpa	Burr Oak	60mm dia	W.B.	-
SN250	3	Salix nigra	Black Willow	250cm ht	W.B.	-

CONIFEROUS TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOTS	REMARKS
TO120	10	Thuja occidentalis	Eastern White Cedar	120cm ht	W.B.	1-2m o/c

DECIDUOUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOTS	REMARKS
CA	29	Cornus alternifolia	Alternate Leafed Dogwood	80cm ht	3 gal pot	-
SC	24	Sambucus canadensis	Common Elderberry	80cm ht	3 gal pot	-
SA	26	Spirea alba	Meadowsweet	40cm ht	2 gal pot	-
VL	31	Viburnum lentago	Nanny Berry	80cm ht	3 gal pot	-

RESTORATION SEED MIXES

TRCA WETLAND MIX (TRCA-SW-1)

Application rate: 21.39 Kg/ha
Application method: Terraseeding

L-Rank	Scientific Name	Common Name	%
L3	*Panicum virigatum*	Switch grass	10.0%
L2	*Sorghastrum nutans*	Indian grass	5.0%
L4	*Elymus riparius*	Riverbank rye	20.0%
L5	*Elymus virginicus*	Virginia wild rye	20.0%
L5	*Oenothera biennis*	Evening primrose	3.0%
L4	*Rudbeckia hirta*	Black eyed Susan	5.0%
L4	*Rudbeckia laciniata*	Green coneflower*	3.0%
L5	*Verbena hastata*	Blue vervain	4.0%
L4	*Asclepias incarnata*	Swamp milkweed	3.0%
L3	*Penstemon digitalis*	Foxglove beardtongue	3.0%
L5	*Carex bebbii*	Bebb's sedge*	10.0%
L5	*Eupatorium (Eutrochium) maculatum*	Joe-pye weed	1.0%
L5	*Eupatorium perfoliatum*	Boneset	1.0%
L5	*Carex vulpinoidea*	Fox sedge	10.0%
L4	*Juncus effusus*	Soft rush	1.0%
L5	*Juncus tenuis*	Path rush	1.0%
		Total	**100.0%**

* If supply issues arise, replace these species with reasonable substitute from TRCA Seed Mix Guidelines Appendix C.

TRCA UPLAND MIX (TRCA-SD-3)

Application rate: 17.71 Kg/ha
Application method: Terraseeding

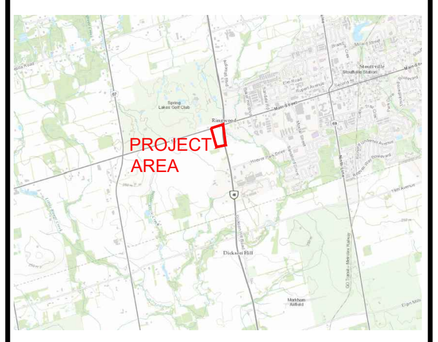
L-Rank	Scientific Name	Common Name	%
L3	*Andropogon gerardii*	Big bluestem	16.0%
L5	*Asclepias syriaca*	Common milkweed	2.0%
L5	*Symphyotrichum novae-angliae*	New England aster	1.0%
L5	*Desmodium canadense*	Showy tick-trefoil	2.0%
L4	*Elymus canadensis*	Canada wild rye	15.0%
L2	*Heliopsis helianthoides*	Oxeye	3.0%
L5	*Monarda fistulosa*	Wild bergamont	3.0%
L3	*Panicum virigatum*	Switch grass	15.0%
L3	*Pycnanthemum virginianum*	Virginia mountain mint*	2.0%
L4	*Rudbeckia hirta*	Black eyed Susan	3.0%
L2	*Schizachyrium scoparium*	Little blue stem	15.0%
L5	*Solidago canadensis*	Canada goldenrod	1.0%
L4	*Solidago juncea*	Early goldenrod*	1.0%
L2	*Sorghastrum nutans*	Indian grass	20.0%
L3	*Symphyotrichum laeve*	Smooth aster	1.0%
		Total	**100.0%**

* If supply issues arise, replace these species with reasonable substitute from TRCA Seed Mix Guidelines Appendix C.

COVER CROP

Application rate: 25 Kg/ha

Avena sativa	Common oats	100.0%



KEYPLAN
N.T.S.

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Client:
TIMES GROUP CORP

Project Name:
Highway 48 Wetland
Stouffville, ON

Drawing Title:
FLOOD STORAGE GRADING & RESTORATION PLAN

Scale:	Project No.:	Drawing No.:
1:500	2020006	FSC-1
Drawn: CT	Checked: RMS	
Date: April 2023	Plot Date: 09/10/2026	

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