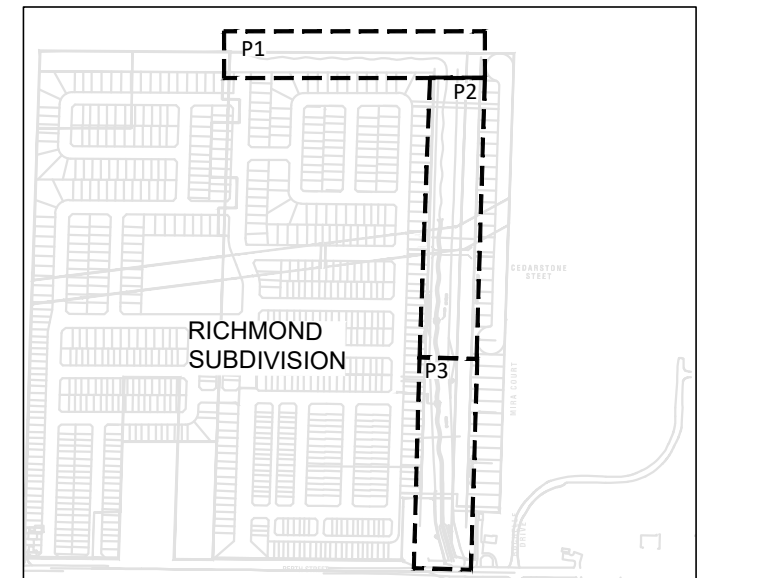


Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.

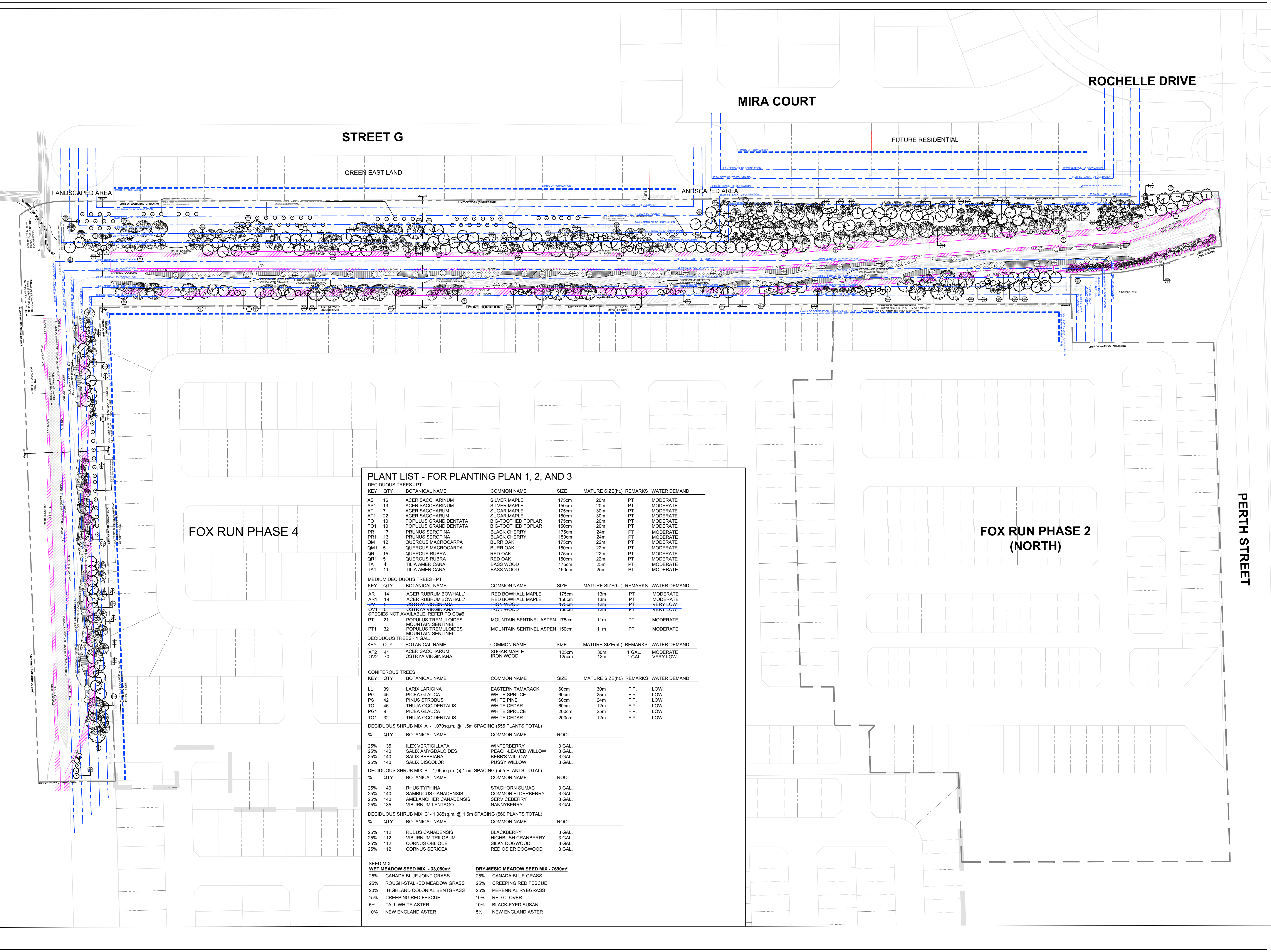


LEGEND

- LIMIT OF WORKS
- CHANNEL FLOODLINE
- PROPERTY LINE
- TREE PRESERVATION FENCE
- MATCH LINE
- DECIDUOUS TREE (PT)
- DECIDUOUS TREE (1 GAL)
- CONIFEROUS TREE
- WET MEADOW SEED MIX
- DRY-MESIC MEADOW SEED MIX
- SHRUB MIX 'A'
- SHRUB MIX 'B'
- SHRUB MIX 'C'
- BIODEGRADABLE FIBER BLANKET
- GRAVEL (REFER TO COLDWATER DRAWINGS)
- FUTURE VEHICULAR ACCESS (REFER TO COLDWATER DRAWINGS)
- EROSION CONTROL MATTING

PLANTING KEY

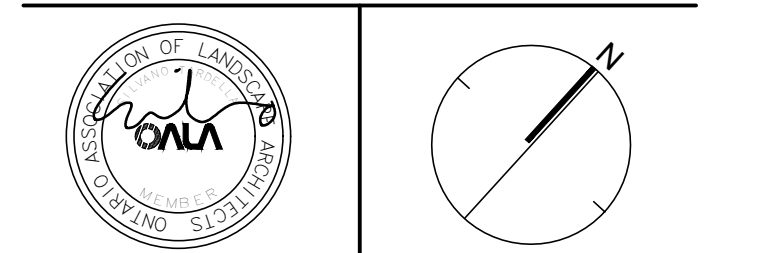
- TREE SPECIES QUANTITY
- SHRUB GROUP QUANTITY
- DETAIL SHEET



PLANT LIST - FOR PLANTING PLAN 1, 2, AND 3

DECIDUOUS TREES - PT							
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	MATURE SIZE(H)	REMARKS	WATER DEMAND
AS	16	ACER SACCHARINUM	SILVER MAPLE	175cm	20m	PT	MODERATE
AS1	13	ACER SACCHARINUM	SILVER MAPLE	150cm	20m	PT	MODERATE
AT	7	ACER SACCHARUM	SUGAR MAPLE	175cm	30m	PT	MODERATE
AT1	22	ACER SACCHARUM	SUGAR MAPLE	150cm	30m	PT	MODERATE
PO	10	POPULUS GRANDIDENTATA	BIG-TOOTHED POPLAR	175cm	20m	PT	MODERATE
PO1	10	POPULUS GRANDIDENTATA	BIG-TOOTHED POPLAR	150cm	20m	PT	MODERATE
PR	17	PRUNUS SEROTINA	BLACK CHERRY	175cm	24m	PT	MODERATE
PR1	13	PRUNUS SEROTINA	BLACK CHERRY	150cm	24m	PT	MODERATE
QM	12	QUERCUS MACROCARPA	BURR OAK	175cm	22m	PT	MODERATE
QM1	5	QUERCUS MACROCARPA	BURR OAK	150cm	22m	PT	MODERATE
QR	15	QUERCUS RUBRA	RED OAK	175cm	22m	PT	MODERATE
QR1	5	QUERCUS RUBRA	RED OAK	150cm	22m	PT	MODERATE
TA	4	TILIA AMERICANA	BASS WOOD	175cm	25m	PT	MODERATE
TA1	11	TILIA AMERICANA	BASS WOOD	150cm	25m	PT	MODERATE
MEDIUM DECIDUOUS TREES - PT							
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	MATURE SIZE(H)	REMARKS	WATER DEMAND
AR	14	ACER RUBRUM/BOWHALL'	RED BOWHALL MAPLE	175cm	13m	PT	MODERATE
AR1	19	ACER RUBRUM/BOWHALL'	RED BOWHALL MAPLE	150cm	13m	PT	MODERATE
OV	0	OSTRYA VIRGINIANA	IRON WOOD	175cm	12m	PT	VERY LOW
OV1	0	OSTRYA VIRGINIANA	IRON WOOD	150cm	12m	PT	VERY LOW
SPECIES NOT AVAILABLE. REFER TO COIS							
PT	21	POPULUS TREMULOIDES	MOUNTAIN SENTINEL ASPEN	175cm	11m	PT	MODERATE
PT1	32	POPULUS TREMULOIDES	MOUNTAIN SENTINEL ASPEN	150cm	11m	PT	MODERATE
DECIDUOUS TREES - 1 GAL							
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	MATURE SIZE(H)	REMARKS	WATER DEMAND
AT2	41	ACER SACCHARUM	SUGAR MAPLE	125cm	30m	1 GAL	MODERATE
OV2	70	OSTRYA VIRGINIANA	IRON WOOD	125cm	12m	1 GAL	VERY LOW
CONIFEROUS TREES							
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	MATURE SIZE(H)	REMARKS	WATER DEMAND
LL	39	LARIX LARICINA	EASTERN TAMARACK	60cm	30m	F.P.	LOW
PG	46	PICEA GLAUCA	WHITE SPRUCE	60cm	25m	F.P.	LOW
PS	42	PINUS STROBUS	WHITE PINE	60cm	24m	F.P.	LOW
TO	46	THUJA OCCIDENTALIS	WHITE CEDAR	60cm	12m	F.P.	LOW
PS1	9	PICEA GLAUCA	WHITE SPRUCE	200cm	25m	F.P.	LOW
TO1	32	THUJA OCCIDENTALIS	WHITE CEDAR	200cm	12m	F.P.	LOW
DECIDUOUS SHRUB MIX 'A' - 1.070sq m @ 1.5m SPACING (555 PLANTS TOTAL)							
%	QTY	BOTANICAL NAME	COMMON NAME	ROOT			
25%	135	ILEX VERTICILLATA	WINTERBERRY	3 GAL			
25%	140	SALIX AMYGDALOIDES	PEACH-LEAVED WILLOW	3 GAL			
25%	140	SALIX SERICINA	BEBB'S WILLOW	3 GAL			
25%	140	SALIX DISCOLOR	PUSSY WILLOW	3 GAL			
DECIDUOUS SHRUB MIX 'B' - 1.065sq m @ 1.5m SPACING (555 PLANTS TOTAL)							
%	QTY	BOTANICAL NAME	COMMON NAME	ROOT			
25%	140	RHUS TYPHINA	STAGHORN SUMAC	3 GAL			
25%	140	SAMBUCUS CANADENSIS	COMMON ELDERBERRY	3 GAL			
25%	140	AMELANCHIER CANADENSIS	SERVICEBERRY	3 GAL			
25%	135	VIBURNUM LENTAGO	NANNYBERRY	3 GAL			
DECIDUOUS SHRUB MIX 'C' - 1.065sq m @ 1.5m SPACING (560 PLANTS TOTAL)							
%	QTY	BOTANICAL NAME	COMMON NAME	ROOT			
25%	112	RUBUS CANADENSIS	BLACKBERRY	3 GAL			
25%	112	VIBURNUM TRILOBUM	HIGH-BUSH CRANBERRY	3 GAL			
25%	112	CORNUS OBLIQUE	SILKY DOGWOOD	3 GAL			
25%	112	CORNUS SERICEA	RED OSIER DOGWOOD	3 GAL			
SEED MIX							
WET MEADOW SEED MIX - 33,000m ²				DRY-MESIC MEADOW SEED MIX - 7690m ²			
25%	CANADA BLUE JOINT GRASS	25%	CANADA BLUE GRASS				
25%	ROUGH-STALKED MEADOW GRASS	25%	CREeping RED FESCUE				
20%	HIGHLAND COLONIAL BENTGRASS	25%	PERENNIAL RYEGRASS				
15%	CREeping RED FESCUE	10%	RED CLOVER				
5%	TALL WHITE ASTER	10%	BLACK-EYED SUSAN				
10%	NEW ENGLAND ASTER	5%	NEW ENGLAND ASTER				

No.	Description	Date
21	Issued for Construction	Feb 10/21
20	Issued for COI#4	Feb 8/21
19	Issued for Revised Tree Planting Setbacks	Dec 23/20
18	Issued for Revised Tree Planting Setbacks	Nov 19/20
17	Issued for Revised Tree Planting Setbacks	Oct 28/20
16	Issued for CCO#1	Oct 2/20
15	Issued for Revised Site Instruction #1	Sept 2/20
14	Issued for Site Instruction #1	Aug 28/20
13	Issued for Revised - Planting Setbacks	Aug 14/20
12	Issued for Coordination - Planting Setbacks	July 23/20
11	Issued for Addendum 1	Apr. 1/20
10	Issued for Tender	Mar.10/20
9	Revised planting density	May.30/19
8	Revised as per Comments	Jun.8/17
7	Revised as per Comments	Mar.30/17
6	Issued for Fourth Submission	Dec.16/16
5	Revised as per Comments	Mar.19/15
4	Issued for Third Submission	Feb.11/15
3	Issued for Second Submission	Mar.04/13
2	Re-issued for First Submission	Dec.06/12
1	Issued for First Submission	Nov.23/12



NAK
design strategies
1285 WELLINGTON STREET | OTTAWA ON | K1Y 3A8
T 413.237.2345 | F 413.237.4423 | ottawo@nak-design.com

Project
VAN GAAL DRAIN
CHANNEL RE-ALIGNMENT
Richmond Village Development Corporation

Title
CONSTRAINTS MAP

Date JANUARY 2015 Sheet
Scale NTS
Drawn NAK
Checked NAK
Job No. 1-12128 **OVR**