

10731854 CANADA INC. 1555 Legget Drive, Suite 304, Tower A Ottawa, ON K2K 2X3

legend / légende

NEW DECIDUOUS TREE PROPERTY LINE - - - - - ENVIRONMENTAL SETBACK **NEW CONIFEROUS** PROPOSED BUILDING NEW CONIFEROUS

ASPHALT PAVING CAST-IN-PLAVE CONCRETE PAVING

PRECAST CONCRETE UNIT PAVER

STONEDUST PATHWAY

RIVERSTONE

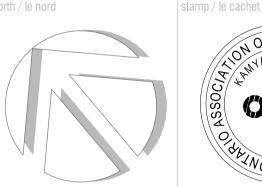
MEADOW SEED MIX RESTORATION

SHRUB / PERENNIAL

PLANTING

07 Issued for SPA Resubmission 2021/02/17 2021/01/18 06 Issued for Coordination 05 Issued for SPA Resubmission 2020/10/30 04 Issued for Coordination 2020/10/23 2020/10/20 03 Issued for Coordination 2020/09/24 02 Issued for MECP review 2020/09/04 01 Issued for Coordination 00 Issued for SPA 2020/05/27

Ottawa, ON, CANADA K2P 2H7



project / projet

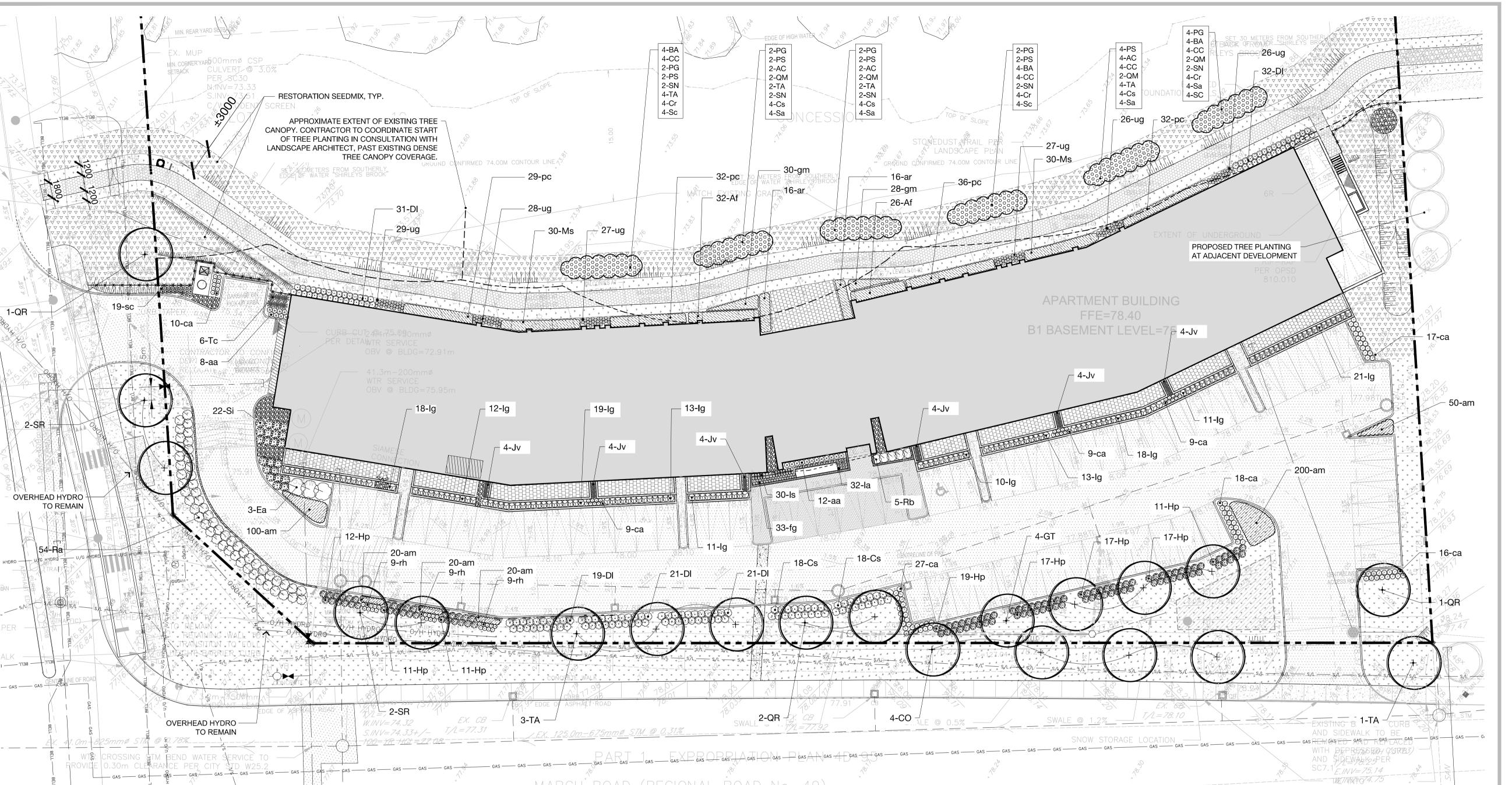
788 MARCH ROAD

drawing / dessin

LANDSCAPE PLAN

designed / conçu KA	drawn / dessiné PM	reviewed / examine
date	project number / No.	du projet
Jan 2020	X ##-##	
drawing number / No. d	u dessin	

#17779



- BELL	200×400 TVS CONNECTION TO EXISTING 420mmø WATERMAIN PER CITY STD. W11.1 VS R1		,^\	MARCH*ROAD	(REGIONAL ROMARDHRADO. 49
REI	I CHAMBER BY CITY EMPCES EVOLVATION AND	181	//u		

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KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
ECIDUOUS T	REE				
CO	4	Celtis occidentalis	Common Hackberry	6cm caliper	NATIVE
GT	3	Gleditsia triacanthos var. inermis	Thornless Honeylocust	6cm caliper	NATIVE
QR	4	Quercus rubra	Red Oak	6cm caliper	NATIVE
SR	4	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	6cm caliper	ADAPTABLE
TA	4	Tilia americana 'Redmond'	Redmond Basswood	6cm caliper	NATIVE
HRUBS					
Cs	36	Cornus sericea 'Farrow' (Arctic Fire)	Arctic Fire Dogwood	2 Gal.	ADAPTABLE
Ea	3	Euonymus alatus 'Compactus'	Dwarf Burning Bush	2 Gal.	ADAPTABLE
DI	114	Diervilla Ionicera	Bush Honeysuckle	2 Gal.	NATIVE
Нр	115	Hypericum prolificum	Shrubby St. John's Wort	2 Gal.	NATIVE
lg	146	Ilex glabra Gem Box	Gem Box Inkberry Holly	2 Gal.	ADAPTABLE
Jv	24	Juniperus virginiana 'Blue Arrow'	Blue Arrow Juniper	125cm PT	ADAPTABLE
Ra	54	Rhus aromatica 'Glo-Low'	Fragrant Sumac	2 Gal.	ADAPTABLE
Rb	5	Rosa bonica	Bonica Rose	2 Gal.	ADAPTABLE
Si	22	Stephanandra incisa 'Crispa'	Cutleaf Stephanandra	2 Gal.	ADAPTABLE
Tc	6	Taxus canadensis	Canadian Yew	3 Gal.	NATIVE
ERNS					
Af	58	Athyrium filix-femina	Lady Fern	1 Gal.	NATIVE
Ms	60	Matteuccia struthiopteris	Ostrich Fern	1 Gal.	NATIVE

PERENNIALS .	AND GRASSE	ES			
aa	20	Astilbe arendsii 'Bridal Veil' (Brautschleier)	Bridal Veil False Spirea	1 Gal.	ADAPTABLE
am	410	Armeria maritima 'alba'	White Sea thrift	1 Gal.	ADAPTABLE
ar	32	Cimicifuga racemosa	Black Snakeroot	1 Gal.	NATIVE
ca	115	Calamgrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	1 Gal.	ADAPTABLE
fg	33	Festuca glauca	Blue Fescue	1 Gal.	ADAPTABLE
gm	58	Geranium maculatum	Wild Geranium	1 Gal.	NATIVE
la	32	Lavandula angustifolia 'Ellagance Purple"	English Lavender	1 Gal.	ADAPTABLE
ls	30	Liatris spicata	Dense Blazing Star	1 Gal.	NATIVE
рс	129	Polygonatum canaliculatum	Great Solomon's Seal	1 Gal.	NATIVE
rh	27	Rudbeckia hirta	Black-eyed Susan	1 Gal.	NATIVE
sc	16	Schizachyrium scoparium	Little Bluestem	1 Gal.	NATIVE
ug	52	Uvularia grandiflora	Large-flowered bellwort	1 Gal.	NATIVE

IMPORTANT NOTICE FOR CONTRACTOR:

- THE CITY OF OTTAWA REQUIRES A Certificate of Completion (F1) Landscape Works TO BE SUBMITTED AND SEALED BY THE LANDSCAPE ARCHITECT. CONTRACTORS ARE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE REQUIREMENTS OF THIS PROCESS AND PROVIDING SUFFICIENT NOTICE TO THE LANDSCAPE ARCHITECT TO CONDUCT SITE REVIEWS **DURING INSTALLATION** OF TREES. THE 1 YEAR WARRANTY PERIOD SHALL NOT COMMENCE UNTIL THE LANDSCAPE ARCHITECT HAS SUBMITTED THE F1 Certificate.
- PRIOR TO INSTALLATION OF TREES, THE DEVELOPER WILL CONTACT THE PLANNING AND GROWTH MANAGEMENT AND FORESTRY SERVICES TO REVIEW THE SPECIES AND LOCATION OF TREES.
- LANDSCAPE CONTRACTOR TO CONDUCT COMPLETE REMOVAL AND TREATMENT OF EXISTING BUCKTHORN ALONG THE MULTI-USE PATHWAY NORTH OF THE PROPERTY TO ENSURE THE SUCCESS OF THE NATURALIZED RESTORATION PLANTINGS.
- NATURALIZED TREE RESTORATION PLANTING ALONG THE NORTH PROPERTY LINE TO BE LAID OUT ON FIELD BY DIRECTION FROM THE LANDSCAPE ARCHITECT.
- ALL PLANT MATERIAL SHALL BE No. 1 NURSERY STOCK AND SHALL MEET OR EXCEED THE SPECIFICATION OF THE Canadian Standards for Nursery Stock, AS PUBLISHED BY THE Canadian Nursery Landscape Association;
- SPECIES SUBSTITUTIONS ARE NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE / CONDITION / SPACING	COMMENTS
CONIFEROUS ⁻	TREES				
PG	12	Picea glauca	White Spruce	150cm ht. / W.B.	NATIVE
PS	12	Pinus strobus	White Pine	150cm ht. / W.B.	NATIVE
DECIDUOUS T	REES				
AC	12	Amelanchier canadensis	Serviceberry	#3 POT whip, 50cm	NATIVE
ВА	12	Betula alleghensis	Yellow Birch	#3 POT whip, 100cm	NATIVE
CC	16	Carya cordiformis	Bitternut Hickory	#3 POT whip, 100cm	NATIVE
QM	8	Quercus macrocarpa	Bur Oak	#3 POT whip, 100cm	NATIVE
SN	10	Salix nigra	Black Willow	#3 POT whip, 100cm	NATIVE
TA	12	Tilia americana	Basswood	#3 POT whip, 100cm	NATIVE
DECIDUOUS S	HRUBS				
Cr	12	Cornus racemosa	Gray Dogwood	#3 POT, 50cm	NATIVE
Cs	12	Cornus sericea	Red Osier Dogwood	#3 POT, 50cm	NATIVE
Sa	16	Symphoricarpos albus	Snowberry	#3 POT, 50cm	NATIVE
Sc	12	Sambucus canadensis	American Elderberry	#3 POT, 50cm	NATIVE
SEEDMIXES					

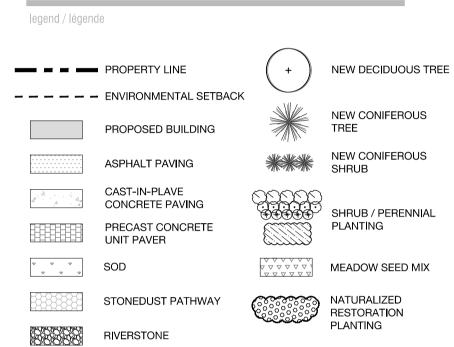
RESTORATION SEEDMIX (AT A RATE OF 25 kg/ha)
MEADOW MIX: 30% FOWL BLUEGRASS, 25% INDIANGRASS, 25% LITTLE BLUESTEM, 10% BLACK EYED SUSAN, 5%
FOXGLOVE/BEARDTONGUE, 2% BUTTERFLY WEED, 1% FLAT TOPPED ASTER, 1% NEW ENGLAND ASTER, 1% WILD BERGAMOT.

STANDARDS FOR TREE PLANTING:

- NO PLANTING ON CORNERS OR ANYWHERE WHERE IT WOULD CREATE A SIGHT LINE CONCERN;
- MAINTAIN A MINIMUM DISTANCE OF 7.5m FROM ALL BUILDINGS;
- MAINTAIN A MINIMUM DISTANCE OF 2.5m FROM THE CURB FOR DECIDUOUS TREES AND 4.5m FOR CONIFEROUS TREES;
- MAINTAIN A MINIMUM DISTANCE OF 1.5m FOR DECIDUOUS (4.5m FOR CONIFERS) FROM ANY SIDEWALK OR PRIVATE WALKWAY; MAINTAIN A MINIMUM DISTANCE OF 1.2m FROM ALL DRIVEWAYS;
- MAINTAIN A MINIMUM DISTANCE OF 2.5m FROM COMMUNITY MAILBOXES, LIGHT STANDARDS, FIRE HYDRANTS AND NO PLANTING IN FRONT
- OF HYDRANTS; MAINTAIN A MINIMUM DISTANCE OF 3.0m FROM ALL HYDRO TRANSFORMERS;
- MAINTAIN A MINIMUM DISTANCE OF 1.0m FROM ALL UNDERGROUND SERVICES; • MAINTAIN A MINIMUM DISTANCE OF 1.0m FROM ALL LIGHT STANDARD GROUNDING WIRE, BELL AND CABLE BOXES;
- MAINTAIN A MINIMUM DISTANCE OF 10.0 FROM BUS SHELTERS

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north / le nord stamp / le cachet



project / projet

788 MARCH ROAD

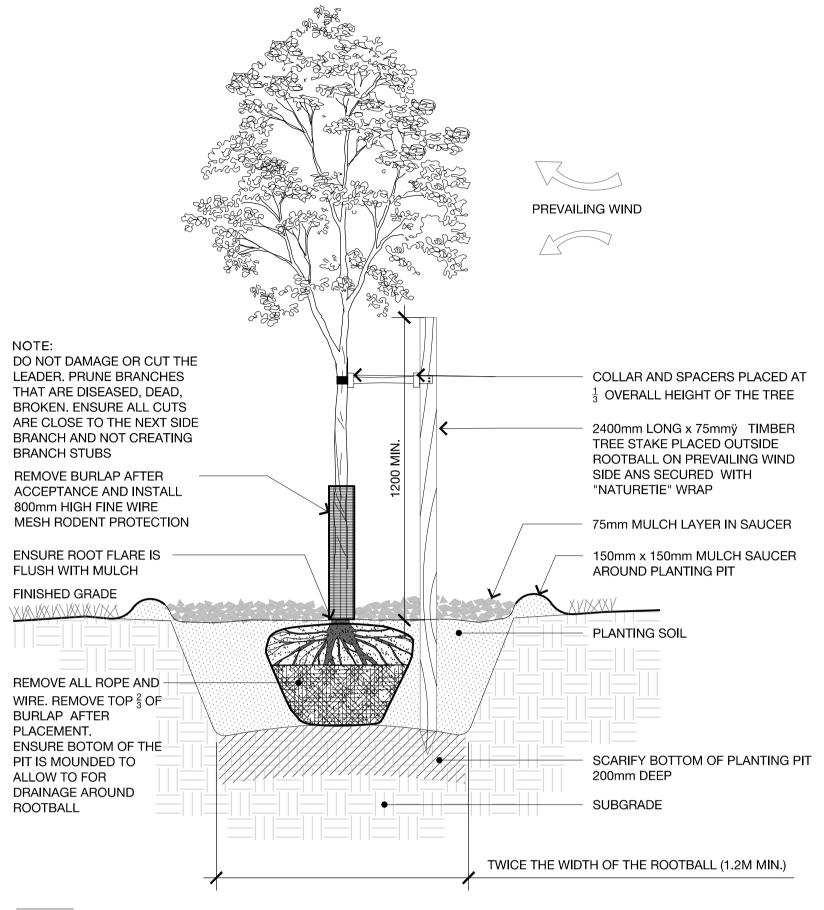
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PLANTING PLAN

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PLANTING PLAN

1:250



PREVAILING WIND DO NOT DAMAGE OR CUT THE LEADER. PRUNE BRANCHES COLLAR AND SPACERS PLACED AT THAT ARE DISEASED, DEAD, $\frac{1}{3}$ OVERALL HEIGHT OF THE TREE BROKEN. ENSURE ALL CUTS ARE CLOSE TO THE NEXT SIDE 2400mm LONG x 75mmÿ TIMBER BRANCH AND NOT CREATING TREE STAKE PLACED OUTSIDE **BRANCH STUBS** ROOTBALL ON PREVAILING WIND SIDE ANS SECURED WITH "NATURETIE" WRAP RODENT PROTECTION MIN. 300mm HIGH 75mm MULCH LAYER IN SAUCER ENSURE ROOT FLARE IS FLUSH WITH MULCH 150mm x 150mm MULCH SAUCER AROUND PLANTING PIT FINISHED GRADE PLANTING SOIL REMOVE ALL ROPE AND WIRE. REMOVE TOP $\frac{2}{3}$ OF BURLAP AFTER PLACEMENT. ENSURE BOTOM OF THE SCARIFY BOTTOM OF PLANTING PIT PIT IS MOUNDED TO 200mm DEEP **ALLOW TO FOR** DRAINAGE AROUND SUBGRADE ROOTBALL TWICE THE WIDTH OF THE ROOTBALL (1.2M MIN.)

CONIFEROUS TREE PLANTING

PRUNE BRANCHES THAT ARE DISEASED, DEAD, BROKEN. ENSURE ALL CUTS ARE CLOSE TO THE NEXT SIDE BRANCH AND NOT CREATING BRANCH 150mm x 150mm MULCH SAUCER AROUND ROOTBALL. 75mm MULCH DEPTH WITH 25mm DEPTH AT SHRUB BASE FINISHED GRADE MACHINE CUT EDGE REMOVE POTTING CONTAINER. LOOSEN ROOTS AND SPREAD TO PROMOTE GROWTH PLANTING SOIL SCARIFY BOTTOM OF PLANTING PIT 150mm DEEP SUBGRADE 500 MIN.

SHRUB PLANTING

DECIDUOUS TREE PLANTING

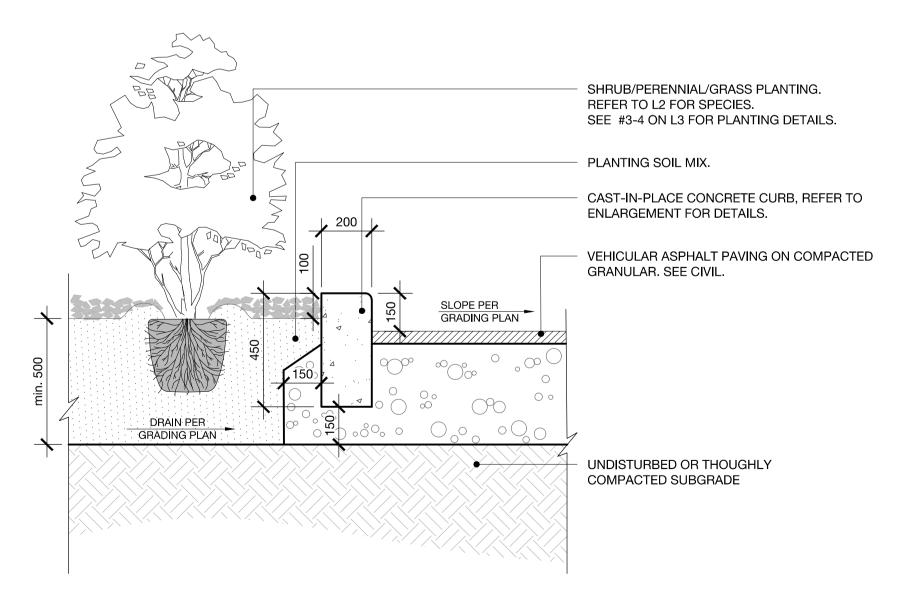
150mm x 150mm MULCH SAUCER AROUND ROOTBALL 75mm MULCH DEPTH WITH 25mm DEPTH AT PERENNIAL BASE FINISHED GRADE MXXXXXXX VX VXXXX VX VX MACHINE CUT EDGE REMOVE POTTING CONTAINER. LOOSEN ROOTS AND SPREAD TO PROMOTE GROWTH PLANTING SOIL SCARIFY BOTTOM OF PLANTING PIT -150mm DEEP SUBGRADE

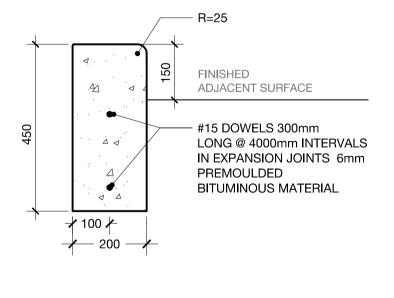
300 MIN.

PRUNE DEAD OR DAMAGED LEAVES. WATER PLANT 10-20 MINUTES BEFORE PLANTING AND IMMEDIATELY AFTER PLANTING TO ENSURE HEALTH.

PERENNIAL & GRASS PLANTING

n.t.s.





RAISED CONCRETE PLANTING BED CURB AT ASPHALT PARKING LOT

n.t.s.

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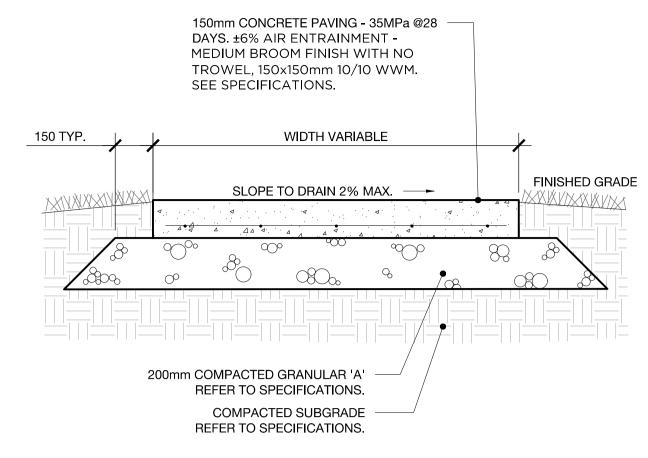
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LANDSCAPE DETAILS

788 MARCH ROAD

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1. REFER TO 5/L4 FOR CONCRETE PAVING JOINTS DETAIL. 2. SURFACE WATER SHOULD NOT BE ALLOWED TO POND ADJACENT TO THE OUTSIDE EDGES OF PAVED AREAS.

LIGHT DUTY CIP CONCRETE PAVING AT SOFTSCAPING

n.t.s.

150mm CONCRETE PAVING - 32MPa C2 - ±6% AIR ENTRAINMENT - STIFF BROOM FINISH WITH NO TROWEL, STEEL EDGE, 150x150mm 13mm EXPANSION JOINT 10/10 WWM 10M x 300 REBAR DOWELS DRILLED @ 4m O.C. DRILLED AND slope per grading plan **EPOXIED INTO CURB** — DROP CURB HEIGHT MINIMUM 0mm, 15mm DESIRED, 25mm MAX CUT AND PATCH EXISTING ASPHALT **EXISTING ASPHALT** - #15 DOWELS 300mm LONG @ 4000mr INTERVALS IN EXPANSION JOINTS 6mm PREMOULDED BITUMINOUS MIN. 200mm GRANULAR 'A' COMPACTED TO 100% SPMDD TO BE DETERMINED BY GEOTECHNICAL. UNDISTURBED OR THOROUGHLY COMPACTED ACCEPTABLE SUBGRADE

LIGHT DUTY CONCRETE PAVING AT PARKING LOT ISLANDS

150mm CONCRETE PAVING - 32MPa C2 - ±6%

AIR ENTRAINMENT - STIFF BROOM FINISH

13mm EXPANSION JOINT

EPOXIED INTO CURB

CUT AND PATCH

UNDISTURBED OR THOUGHLY

COMACTED SUBGRADE

EXISTING ASPHALT

10M x 300 REBAR DOWELS

DRILLED @ 4m O.C. DRILLED AND

FOR CURB AND

REFER TO CIVIL

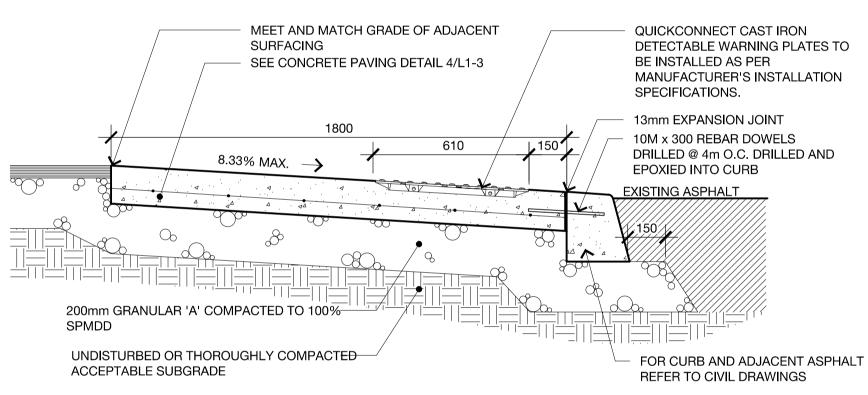
ADJACENT **ASPHALT**

DRAWINGS

WITH NO TROWEL, STEEL EDGE,

150x150mm 10/10 WWM

n.t.s.



MIN. 60mm THICK PRECAST

25mm BEDDING SAND

EDGE RESTRAINT

FINISHED GRADE

CONCRETE UNIT PAVERS. 3mm GAP

MIN. 200mm GRANULAR 'A' COMPACTED TO 100%

SPMDD. TO BE DETERMINED BY GEOTECHNICAL.

TYPICAL. SEE SPECS FOR TYPE.

UNDISTURBED OR THOUGHLY COMACTED SUBGRADE

CONCRETE BUILDING SLAB

SLOPE TO DRAIN 2% MAX. 150mm GRANULAR 'A' COMPACTED TO 100% SPMDD UNDISTURBED OR THOROUGHLY 300mm GRANULAR 'B' COMPACTED COMPACTED ACCEPTABLE TO 100% SPMDD SUBGRADE

n.t.s.

TWSI INSTALLATION AT SIDEWALK CURB RAMP

HEAVY DUTY CONCRETE PAVING

n.t.s.

MIN. 80mm THICK PRECAST CONCRETE UNIT PAVERS. 3mm GAP TYPICAL. SEE SPECS FOR TYPE. 25mm BEDDING SAND **EDGE RESTRAINT** FINISHED GRADE 200mm, GRANULAR 'A' COMPACTED TO 100% SPMDD 350mm, GRANULAR 'B' COMPACTED TO 100% SPMDD CONCRETE BUILDING SLAB

LIGHT-DUTY PRECAST CONCRETE PAVER ON GRADE

HEAVY-DUTY PRECAST CONCRETE PAVER

25mm BEDDING SAND GRADING PLAN min. 200mm, GRANULAR 'A' COMPACTED TO 100% SPMDD UNDERGROUND PARKING ROOF SLAB WITH INSULATION AND MEMBRANE.

LIGHT DUTY PRECAST CONCRETE PAVER ON SLAB n.t.s.

EXPANSION JOINT AND CAULKING C/W EXPANSION JOINT CAP: 'SNAP-CAP' OR APPROVED EQUAL. 150mm DEPTH POURED IN PLACE CONCRETE PAVING. STANDARD BROOM FINISH PERPENDICULAR TO THE PATH OF PEDESTRIAN MOVEMENT. DO NOT APPLY EDGING TOOL. BROOM STROKES TO MEET EDGE OF PAVEMENT AND JOINTS. 12 CONTROL JOINTS: 38mm DEEP SAW CUT

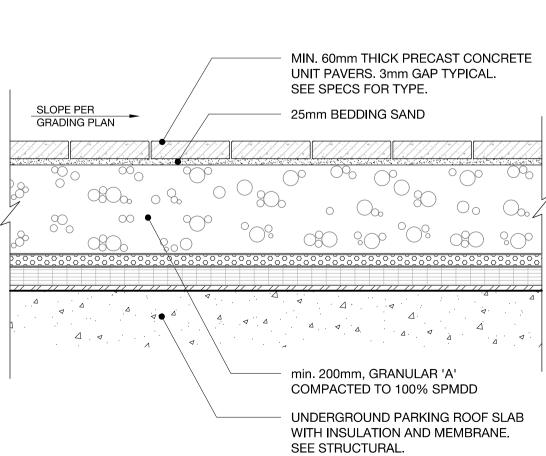
COMPACTED GRANULAR "A"

1. ALL DIMENSIONS IN MILLIMETERS.

- 2. CONCRETE TO BE 35MPa @ 28 DAYS WITH ±6% AIR ENTRAINMENT.
- 3. SLOPE PAVING SURFACE TO DRAIN AT MAX. 2%.
- 4. CONTROL JOINTS TO BE @ 2000mm O.C. UNLESS OTHERWISE SHOWN ON DRAWINGS. EXPANSION JOINT SPACING @ 6000mm O.C. UNLESS OTHERWISE SHOWN ON DRAWINGS.
- 6. EXPANSION JOINTS TO BE OF 12mm PREMOULDED BITUMINOUS MATERIAL C/W REMOVABLE PLASTIC CAP AND PLACED AT THE INTERSECTION WITH OTHER SIDEWALKS AND WHERE SIDEWALK MEETS THE CURB.
- 7. SIDEWALK TO BE REINFORCED AT ALL DRIVEWAYS AND LANE CROSSINGS WITH 150x150mm
- 8. IN CASE OF MULTIPLE POURS, AT THE END OF EACH POUR, CONSTRUCTION JOINT SHOULD BE FORMED WITH DEFORMED TIE BARS ALONG THE JOINT. THE TIE BARS ARE TO BE #4 SIZE SPACED AT 750 MM SPACING.
- 9. ADDITIONAL DOWELS WILL BE REQUIRED WHEN CONNECTING INTO AN EXISTING PAVEMENT.
- 10. SEE SEPARATE DETAIL FOR CONCRETE PAVING ON ARCHITECTURAL DRAWINGS. 11. SEE SPECIFICATIONS UNDER SECTION 32 13 13 'Cast in Place Concrete'.

CONCRETE PAVING JOINTS

n.t.s.



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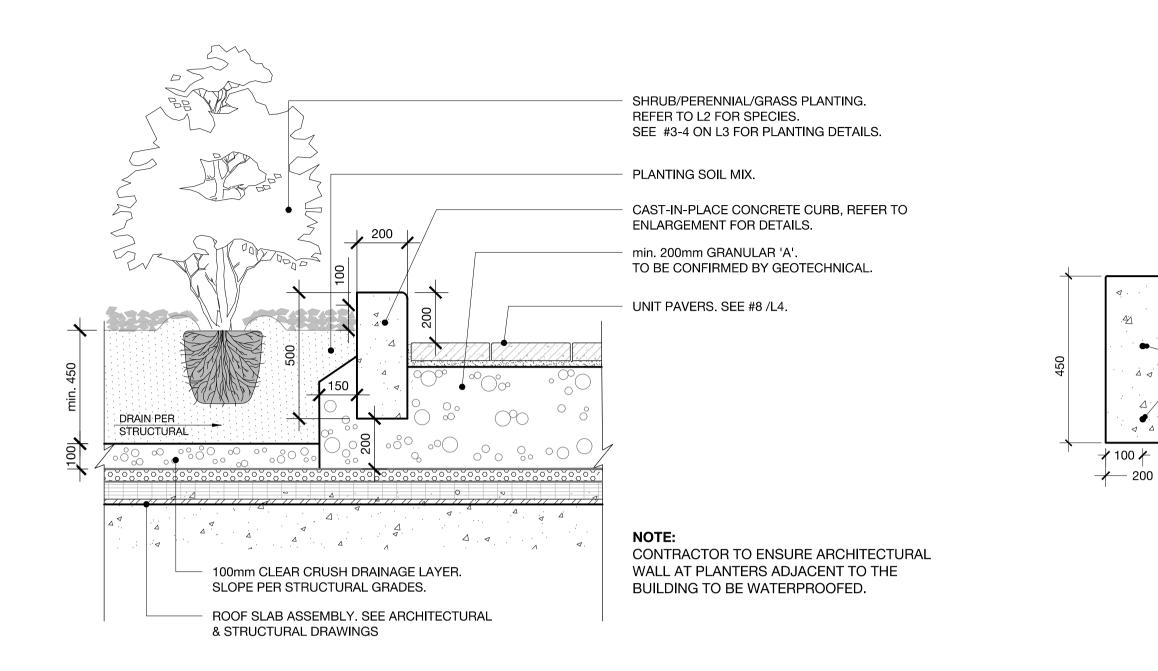
788 MARCH ROAD

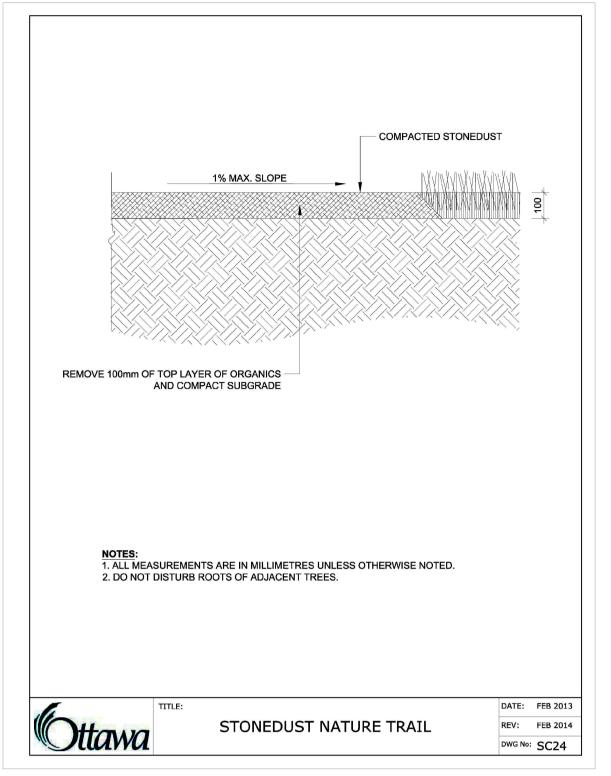
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LANDSCAPE DETAILS

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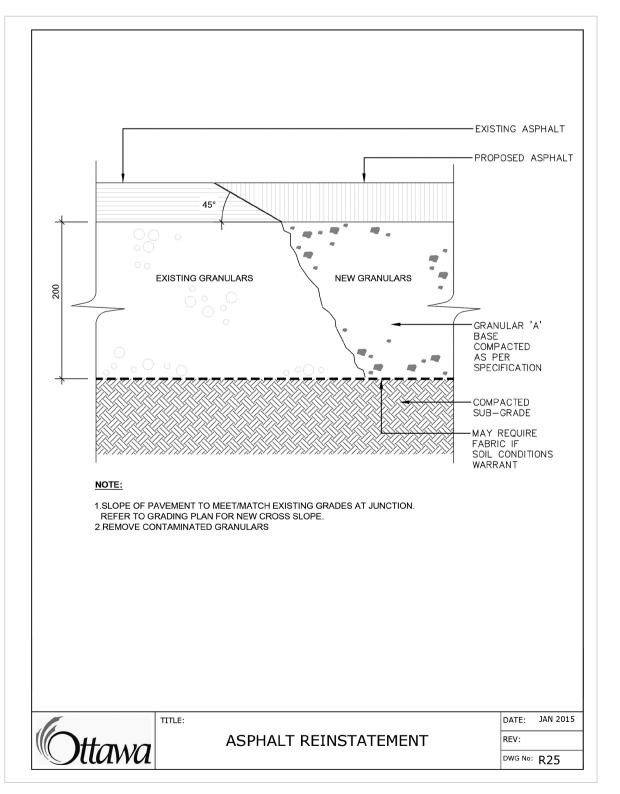
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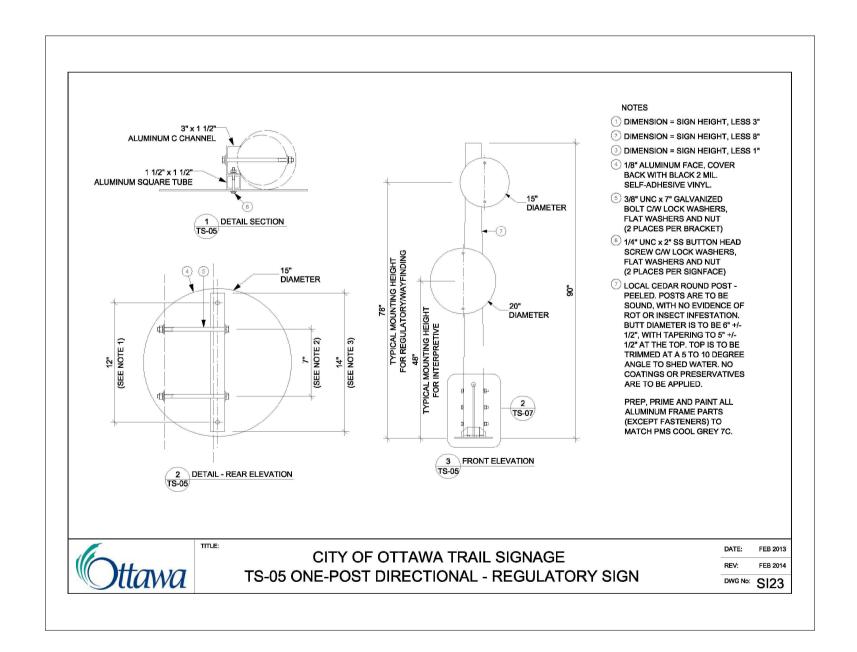
RAISED CONCRETE PLANTING BED CURB OVER ARCHITECTURAL SLAB

n.t.s.



ASPHALT REINSTATEMENT

n.t.s.



FINISHED

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ADJACENT SURFACE

#15 DOWELS 300mm

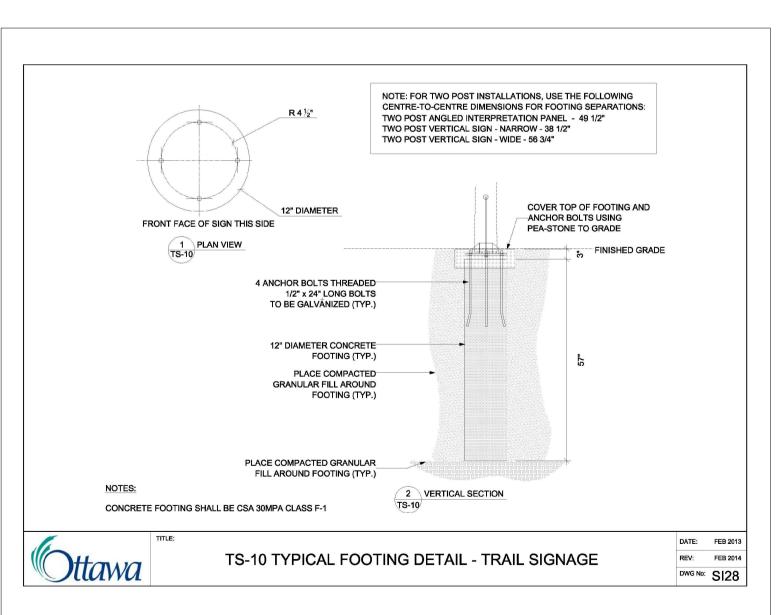
BITUMINOUS MATERIAL

PREMOULDED

LONG @ 4000mm INTERVALS IN EXPANSION JOINTS 6mm

TRAIL REGULATORY SIGNAGE

n.t.s.



TRAIL SIGNAGE FOOTING

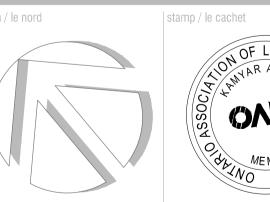
STONEDUST NATURE TRAIL n.t.s.

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