

1 2.0m HIGH WOOD SCREEN FENCE

**GENERAL NOTES:**

**WOOD (GENERAL SPECIFICATIONS)**  
ALL WOOD SHALL BE WESTERN RED CEDAR, SELECTED FOR GOOD APPEARANCE AND FREE OF WANE AND BARK POCKETS. ALL TORN GRAIN AND SURFACE STAIN SHALL BE ELIMINATED BY SANDING OR PLANING. MEMBERS WITH HEAVY KNOTS AND/OR SAP STAIN SHALL BE WELL DISTRIBUTED THROUGHOUT THE INSTALLATION. THE SORT RAIL SHALL BE PRESSURE TREATED.

**STAIN FOR WOOD FENCE - STAIN SHALL CONSIST OF:**  
• A BASE OF BLENDED RESINS AND OILS IN A WATER SUSPENSION  
• SUSPENDED SOLIDS WHICH ARE NOT LESS THAN 21% AND NOT GREATER THAN 31% BY VOLUME.  
• V.O.C. 5 (VOLATILE ORGANIC COMPOUNDS) WHICH ARE NOT IN EXCESS OF 350g/L IN ACCORDANCE WITH A.S.T.M. D-2369  
• LEVELS OF LIQUID MICROBICIDES AND ANY OTHER POTENTIAL TOXIC SUBSTANCES WHICH ARE ENVIRONMENTALLY SAFE (NOT REQUIRING PROVISIONAL OR FEDERAL REGISTRATION)  
• NONE OF THE FOLLOWING SUBSTANCES:  
• FORMALDEHYDE (FORMALIN)  
• BIS (TRIBUTYL) OXIDE  
• COPPER NAPHTHENATE  
• COPPER 8 QUINOLINOLATE  
• ZINC NAPHTHENATE  
• SUFFICIENT OXIDE PIGMENTS TO OBTAIN DESIRED COLOUR TONE AND LEVEL OF OPACITY (COLOUR TO BE APPROVED BY CITY FOR EACH INSTALLATION).

**STAIN APPLICATION - APPLY TWO COATS ON CLEAN DRY WOOD USING SPRAY, BRUSH OR DIPPING METHODS TO ACHIEVE FULL COVERAGE OF ALL EXPOSED SURFACES. APPLY OUTDOORS ONLY IN SUITABLE WEATHER CONDITIONS DURING WHICH THE TEMPERATURE IS BETWEEN 5°C AND 21°C FOR A PERIOD OF 48 HOURS FOLLOWING APPLICATIONS.**

**FASTENERS - INCLUDING ARDOX NAILS, BOLTS, NUTS AND WASHERS, SHALL BE HOT-DIP GALVANIZED STEEL.**

**CONCRETE - SHALL BE 25MPA AT 28 DAYS MINIMUM.**

**EXECUTION:**  
**SOIL - BENEATH AND WITHIN 2m RADIUS OF ANY FOOTING, SHALL BE CERTIFIED 95% STANDARD PROCTOR DENSITY PRIOR TO CONSTRUCTION.**

**POSTS - SHALL BE PLUMB WITHIN 5mm/m ABOVE GRADE.**

**INFILL - MEMBERS SHALL BE TIGHT FITTED TO ELIMINATE ALL GAPS AND RATTLING.**

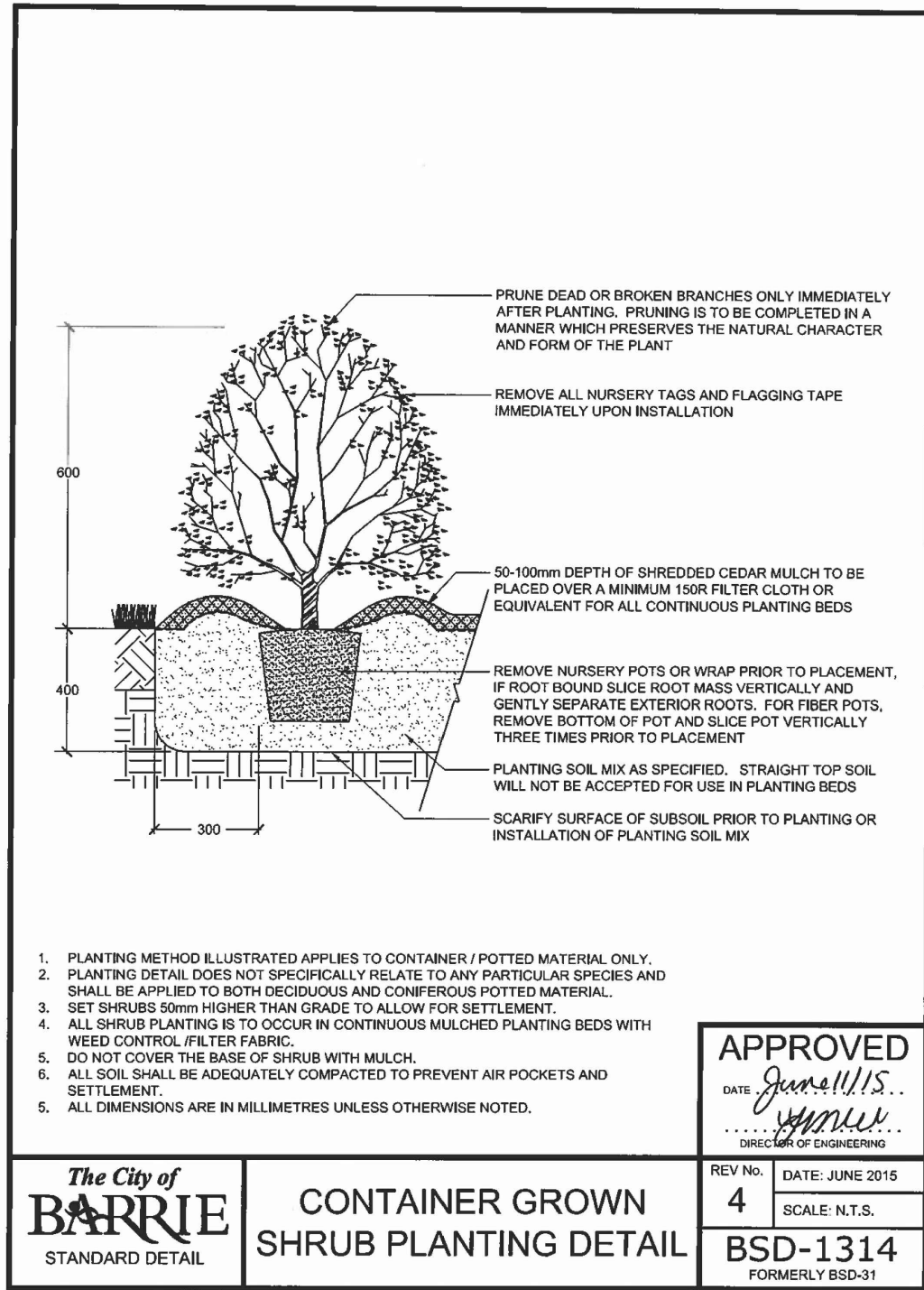
**STEP FENCE - ON SLOPES STEP FENCE PANELS A MINIMUM OF 50mm AND A MAXIMUM OF 150mm AT EACH POST.**

**DOUBLE POST - ALL DIRECTION CHANGES GREATER THAN 20 DEGREES.**

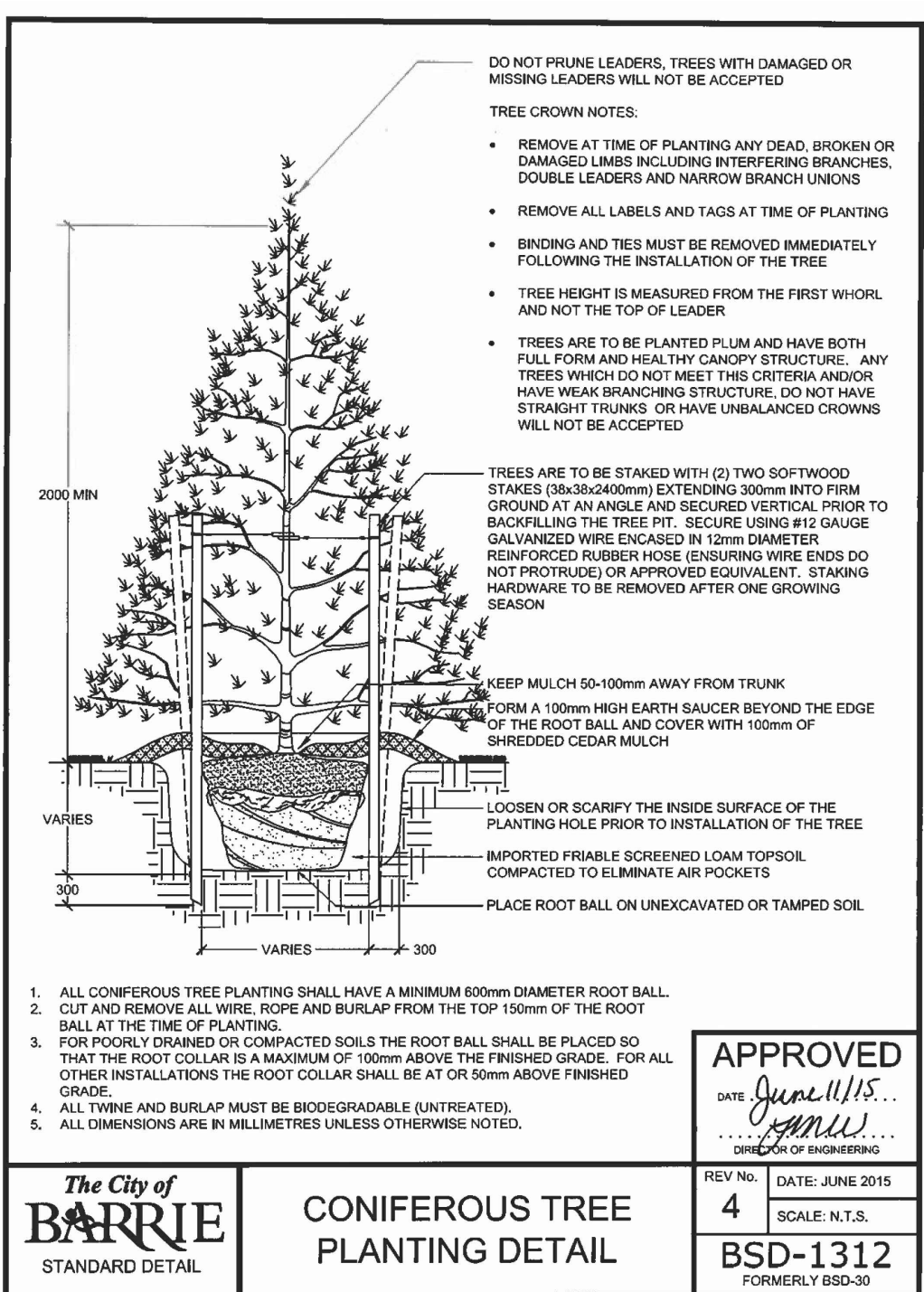
**NAILING - ALL NAILS GALV. ARDOX AND 75mm (3") UNLESS NOTED OTHERWISE. ALL NAILS TO BE EVENLY SPACED AND SET NOT LESS THAN 25mm FROM EDGE OF ANY MEMBER.**  
• RAILS - 3 NAILS TO POST AT EACH END, 3 NAILS THRU TOP AND BOTTOM RAILS TO VERTICAL MEMBERS IN STAGGERED PATTERN. FOR MID RAIL, 3 NAILS 50mm (2") PER VERTICAL MEMBER  
• FASCIA BOARD - 2 NAILS 50mm (2") EACH END TO VERTICAL MEMBERS.

**WARRANTY**  
THE FENCE SHALL BE GUARANTEED FOR THREE YEARS AS FOLLOWS: 5mm/m ON PLUMB OF POSTS AND LEVEL OF INFILL MEMBERS. GAPS BETWEEN INFILL MEMBERS SHALL NOT EXCEED 6mm (1/4"). INFILL MEMBERS SHALL BE TIGHT AND FREE OF RATTLING.

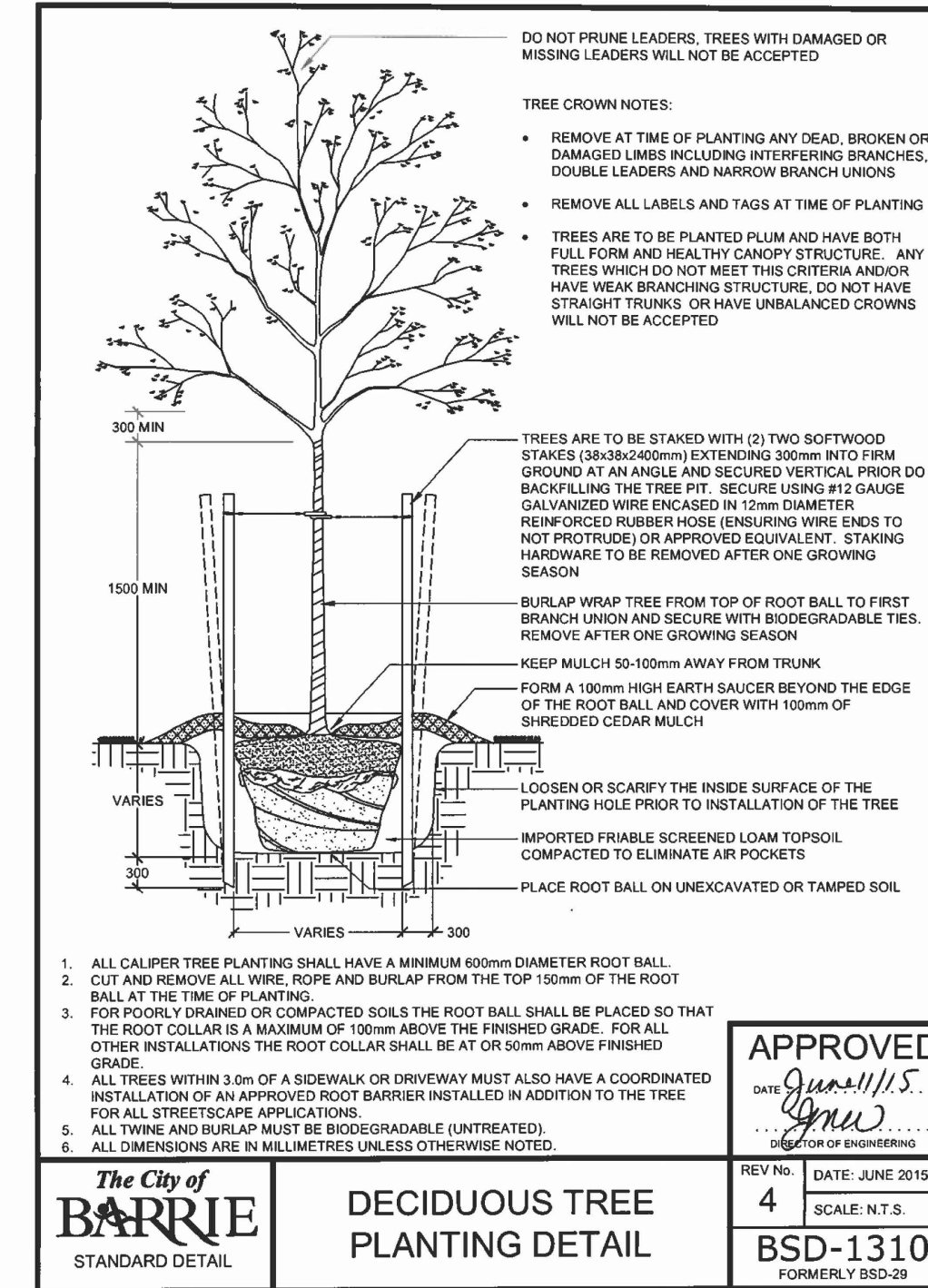
ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.



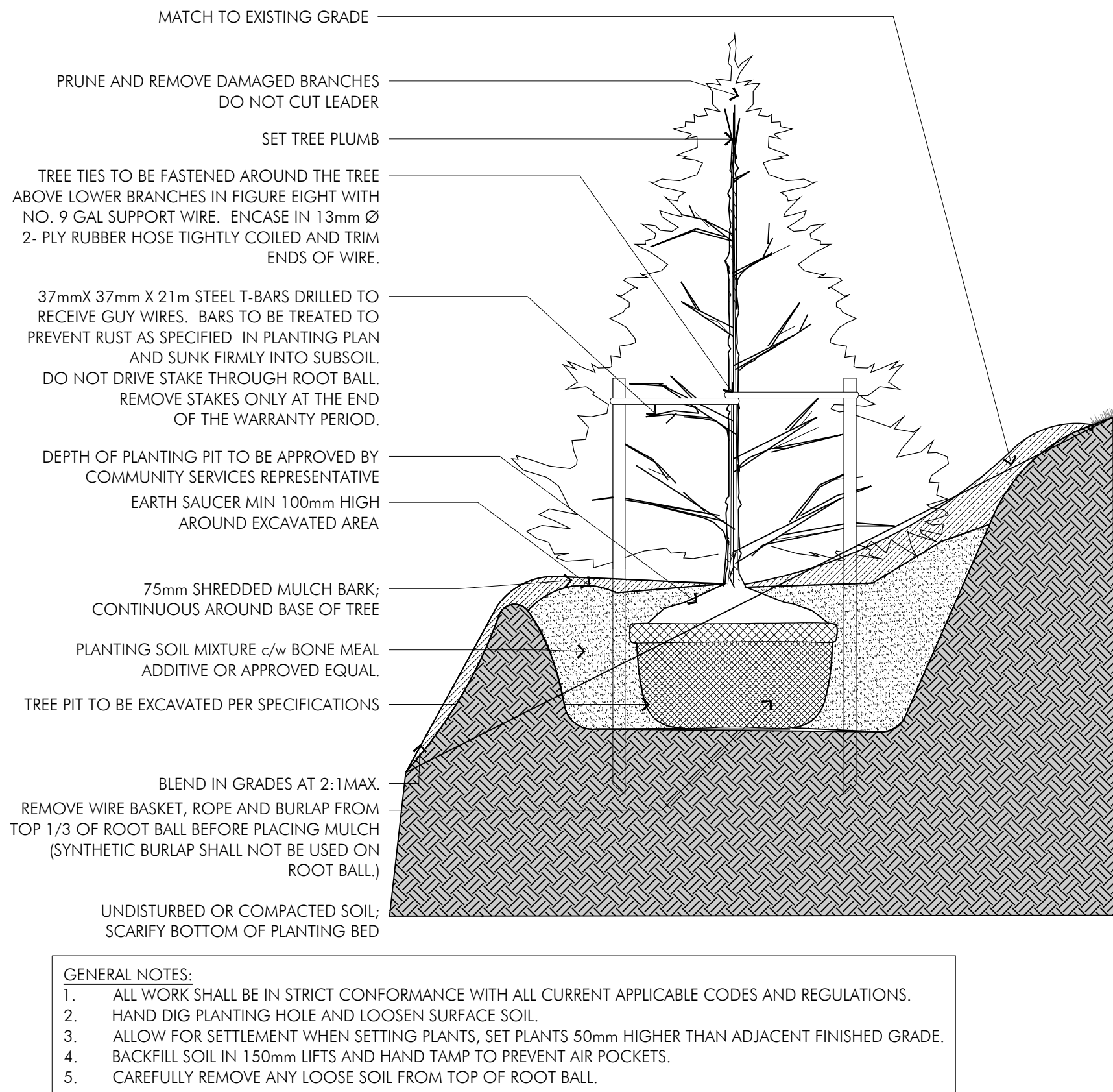
2 12 CONTAINER GROWN PLANTING DETAIL



3 12 CONIFEROUS TREE PLANTING DETAIL



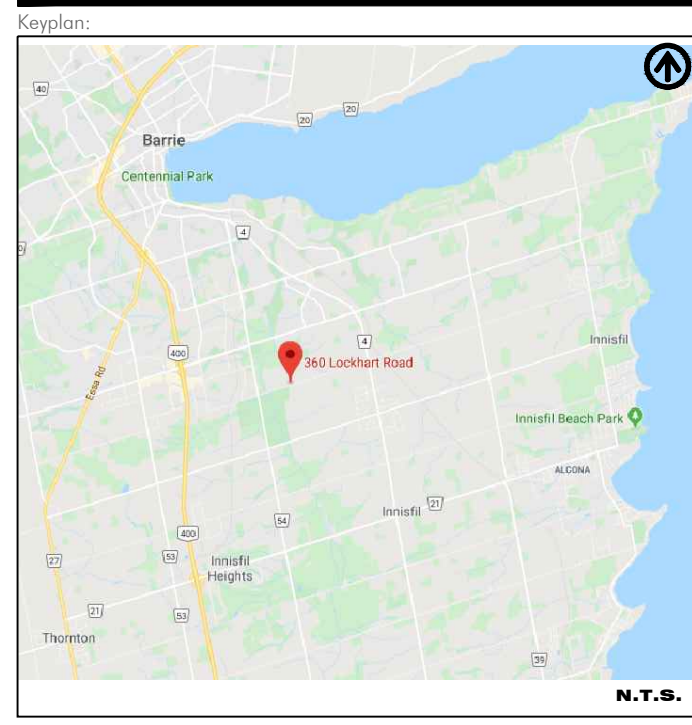
6 12 DECIDUOUS TREE PLANTING DETAIL



7 12 PLANTING ON A SLOPE

DECIDUOUS TREES								
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	LIGHT REQ.	SOIL SALT TOLERANCE	NATIVE
21	Acer rubrum	Red Maple	70mm Cal.	W.B.	Straight trunk, evenly branched crowns	SUN/PART SHADE	POOR	YES
6	Acer saccharum	Sugar Maple	70mm Cal.	W.B.	Straight trunk, evenly branched crowns	SUN/PART SH./SHADE	POOR	YES
1	Ostrya virginiana	American Hophornbeam	70mm Cal.	B.B.	Straight trunk, evenly branched crowns	SUN/PART SH./SHADE	POOR	YES
21	Populus tremuloides	Trembling Aspen	70mm Cal.	W.B.	Straight trunk, evenly branched crowns	SUN/PART SH./SHADE	MOD	YES
4	Prunus serotina	Black Cherry	175cm Ht./10 Gallon	CONT.	Straight trunk, evenly branched crowns	SUN/PART SH./SHADE	MOD	YES
13	Prunus virginiana	Common Choke Cherry	175cm Ht./ 10 Gallon	CONT.	Straight trunk, evenly branched crowns	SUN/PART SHADE/ SHADE	POOR	YES
10	Quercus rubra	Red Oak	70mm Cal.	W.B.	Straight trunk, evenly branched crowns	SUN/PART SHADE	HIGH	YES
CONIFEROUS TREES								
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	LIGHT REQ.	SOIL SALT TOLERANCE	NATIVE
9	Abies balsamea	Balsam Fir	200cm Ht.	W.B.	Straight, evenly branched, dense plants	SUN/PART SHADE/SHADE	POOR	YES
13	Picea pungens	Colorado Spruce	200cm Ht.	W.B.	Straight, evenly branched, dense plants	SUN/PART SHADE/PART SUN	MOD	NO
14	Pinus banksiana	Jack Pine	200cm Ht.	W.B.	Straight, evenly branched, dense plants	SUN	HIGH	YES
13	Pinus strobus	White Pine	200cm Ht.	W.B.	Straight, evenly branched, dense plants	SUN/PART SHADE	POOR	YES
5	Thuja occidentalis	White Cedar	200cm Ht.	W.B.	Straight, evenly branched, dense plants	SUN/PART SHADE	MOD	YES
WHIPS								
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	SOIL MOISTURE	LIGHT REQ.	SOIL SALT TOLERANCE
20	Acer saccharum	Sugar Maple	1 Gallon	Cont.	Full, dense plant	WELL-DRAINED	SUN/PART SH./SHADE	POOR
20	Populus tremuloides	Trembling Aspen	1 Gallon	Cont.	Full, dense plant	WET-MOIST-DRY	SUN/PART SH./SHADE	MOD
20	Picea pungens	Colorado Spruce	1 Gallon	Cont.	Full, dense plant	MOIST-WELL DRAINED	SUN/PART SHADE/PART SUN	MOD
DECIDUOUS SHRUBS								
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	LIGHT REQ.	SOIL SALT TOLERANCE	NATIVE
38	Spiraea X vanhouttei	Bridalwreath Spirea	50cm Ht./3 Gallon	Cont.	Full, dense plant	SUN/PART SHADE	HIGH	YES
29	Sambucus racemosa	Red Elderberry	2 Gallon	Cont.	Full, dense plant	SUN/PART SHADE	MOD	YES
85	Rosa rugosa	Rugosa Rose	2 Gallon	Cont.	Full, dense plant	SUN/PART SHADE	HIGH	NO
21	Rhus aromatica	Fragrant Sumac	50cm Ht./3 Gallon	Cont.	Full, dense plant	SUN/PART SHADE	HIGH	YES
6	Prunus virginiana (SHRUB)	Common Chokecherry	1 Gallon	Cont.	Full, dense plant	SUN/PART SHADE	LOW	YES
CONIFEROUS SHRUBS								
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	SOIL MOISTURE	LIGHT REQ.	SOIL SALT TOLERANCE
73	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Juniper	50cm Spr./3 Gallon	Cont.	Full, dense plant	WELL-DRAINED	SUN	HIGH
58	Juniperus Sabina	Savin Juniper	50cm Spr./3 Gallon	Cont.	Full, dense plant	MOIST-DRY	SUN	MOD
GRASSES								
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	LIGHT REQ.	SOIL SALT TOLERANCE	NATIVE
74	Schizachyrium scoparium	Little Bluestem	1 Gallon	Cont.	Full, dense plant	SUN	HIGH	YES

4 12 PLANT SCHEDULE



We have relied upon the accuracy and completeness of base & background information provided by the following Consultants in preparing this drawing and performing our professional services.

brink architecture + urban design  
Amy Choi Consulting

We are under no obligation or duty to verify the accuracy and/or completeness of this information and have not done so.

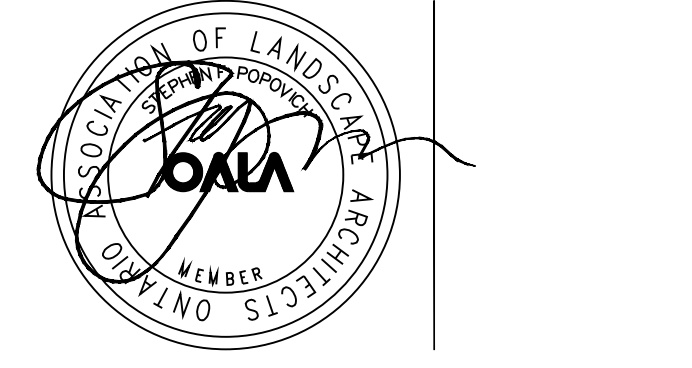
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The contractor will check and verify all dimensions and job conditions on the site and report any discrepancies to the Landscape Architect prior to the commencement of construction.

1	200121	ISSUED FOR SPA	GB
No	Date (Y/M/D)	Issue / Revision	By

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