

DESCRIPTION OF REVEGETATION AREAS

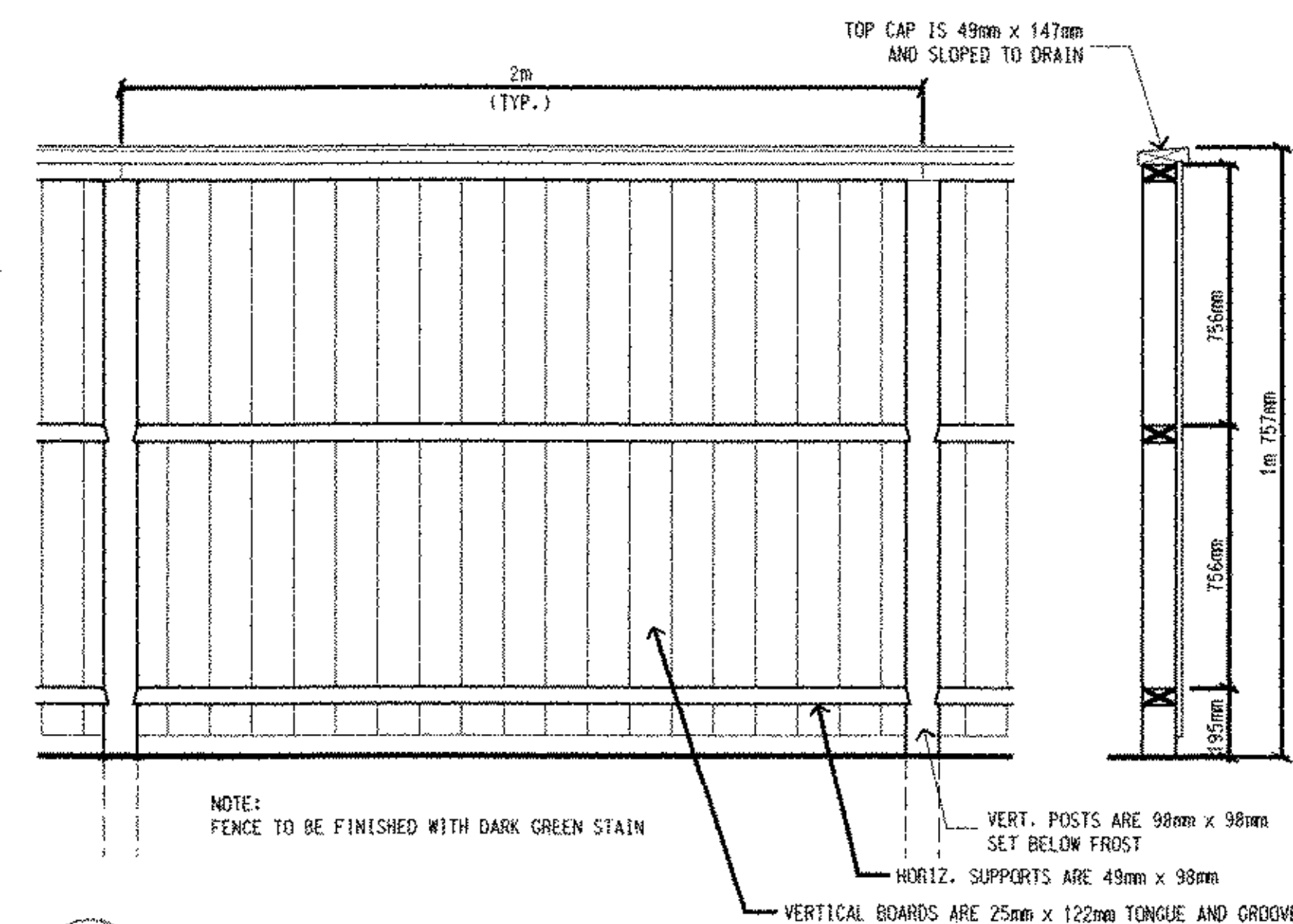
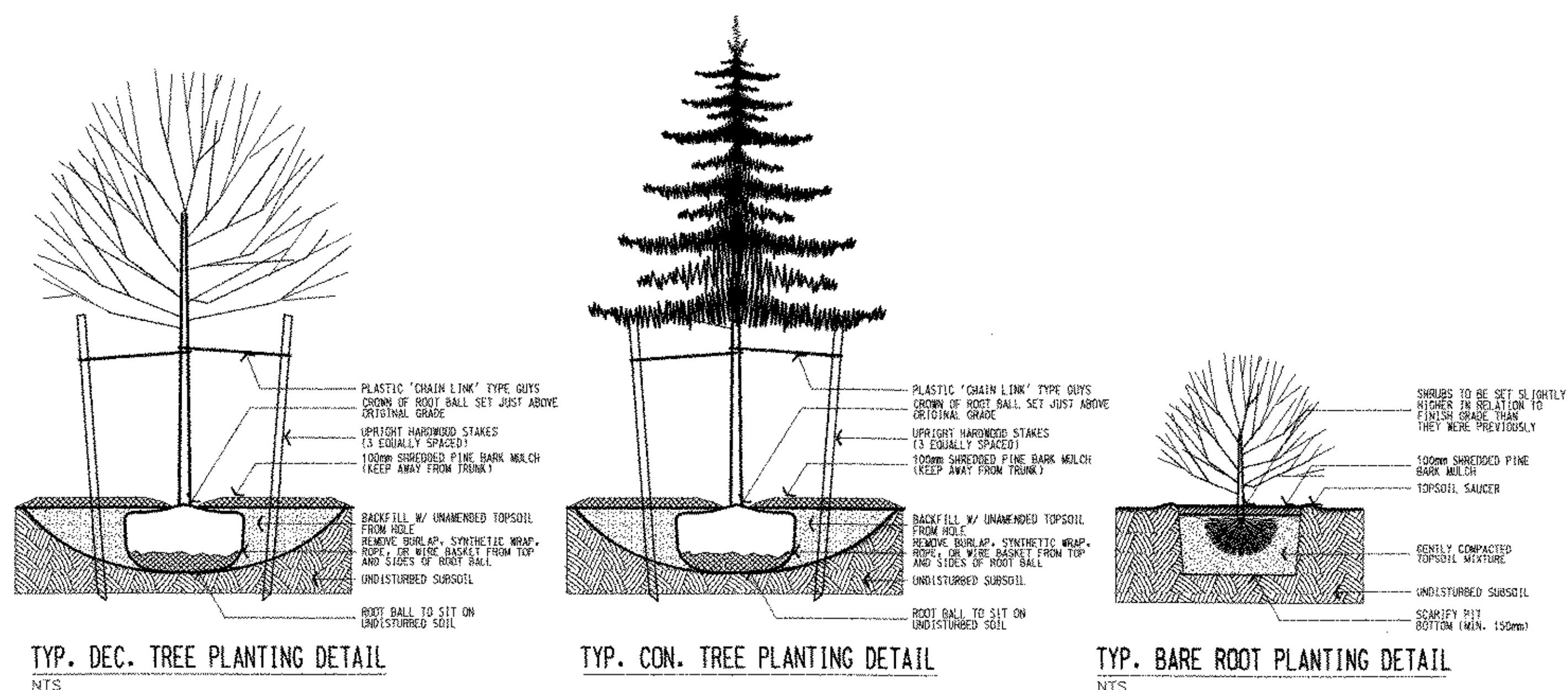
KEY TO REVEGETATION TYPES

- A** VTRANS 'URBAN' GRASS MIX:
Typical VTRANS mix is intended to blend with existing lawns.
SOIL APPLICATION: Minimum depth 50mm screened topsoil to match properties of adjacent soils.
SEED MIX: See 'Typical Sections' sheet in design plans.
- B** VTRANS 'RURAL' GRASS MIX:
Typical VTRANS mix is applicable to much of the corridor where revegetation will blend with existing native grass areas, meadows, and field edges, as well as to stabilize future wooded slopes.
SOIL APPLICATION: Minimum depth 50mm screened topsoil to match properties of adjacent soils.
SEED MIX: See 'Typical Sections' sheet in design plans.
- C** BIOENGINEERING IN STONE RIP-RAP:
To further stabilize rip-rap, live willow stakes will be applied between the rip-rap stone after installation. PLANT MATERIAL MIX: Live stakes of native materials cut on location such as black willow and purple osier.
- D** WILDFLOWERS:
The areas delineated shall be planted with wildflowers per VTRANS specifications.
- E** WETLAND BUFFERS:
On the fill slope immediately above wetlands, wet loving shrubs will be installed. Along the toe of the slopes, fascines of willow and dogwood will be installed.
REPLACEMENT OF NATIVE SOILS: Existing soils shall be stripped and stockpiled for reuse on the corridor project by area and soil types. As much as possible, the importation of new soils should be minimized and only to ensure proper soil depth.
PLANT MATERIAL MIX: Native woody plant seedlings: Native shrubs including the following species shall be provided and installed over the graded slopes after the installation of geotextile: pagoda dogwood, serviceberry, red osier dogwood, and highbush cranberry.
STABILIZING GRASS: VTRANS 'Rural' Seed Mix (Type B above)
INSTALLATION NOTE: Cut openings for woody plants in geotextile (if required)
- F** WETLANDS:
Dogwood and willow live stakes will be installed throughout this zone.
REPLACEMENT OF NATIVE SOILS: Existing wetland soils removed for construction should be stockpiled for use in these areas.

PLANT LIST

Symbol	Description	Key	Bot. Name	Common Name	Size	Quantity	Density	Notes	Pay Item	Unit	
●	DECIDUOUS (SHADE) TREES										
	AS	Acer saccharum		Sugar Maple	50 - 62mm cal.	23	N.A.	B&B (Balled & Burlapped)	656.30	Each	
	FA	Fraxinus americana		White Ash	50 - 62mm cal.	2	N.A.	B&B (Balled & Burlapped)	"	"	
○	SHRUBS										
	SV	Syringa vulgaris		Common Lilac	0.9 - 1.2m hgt.	4	N.A.	B&B or bare root	656.35	Each	
	SF	Syringa vulgaris "french"		French Hybrid Lilac	0.9 - 1.2m hgt.	15	N.A.	B&B or bare root	656.35	Each	
	CC	Cotinus coggygria		Smokebush	0.9 - 1.2m hgt.	7	N.A.	B&B or bare root	656.35	Each	
	VC	Vaccinium corymbosum		Highbush Blueberry	0.9 - 1.2m hgt.	8	N.A.	B&B or bare root	656.35	Each	
●	EVERGREEN SCREENS										
	AB	ABIES BALSAMEA		Balsam Fir	1.8 - 2.4m hgt.	13	N.A.	B&B	656.20	Each	
	TO	Thuja Occidentalis		White Cedar	0.9 - 1.2m hgt.	13	N.A.	B&B	"	"	
A	VTRANS 'Urban' Grass Mix					42	70 Kg. per Hectare		651.15	Kg.	
B	VTRANS 'Rural' Grass Mix					170	70 Kg. per Hectare		651.15	Kg.	
C	BIOENGINEERING IN STONE RIP-RAP										
NW	Salix sp.			Native Willow cuttings	1.2-1.8m long cuttings 12-18mm diam.	3,210	5 stakes per S.M.		656.40 (MOD)	Each	
D	WILDFLOWER SEED										
						0.5	25 Kg. per Hectare		651.16	Kg.	
E	WETLAND BUFFERS										
CA	Cornus alternifolia			Pagoda Dogwood	0.6 - 0.9m hgt.	75	0.375	B&B or bare root	656.35 (MOD)	Each	
VT	Viburnum trilobum			Am. Cranberry Viburnum	0.6 - 0.9m hgt.	75	0.375	B&B or bare root	"	"	
AC	Amelanchier canadensis			Serviceberry	0.6 - 0.9m hgt.	75	0.375	B&B or bare root	"	"	
CST	Cornus stolonifera			Red - osier Dogwood	0.6 - 0.9m hgt.	75	0.375	B&B or bare root	"	"	
F	WETLANDS										
	Fascines	SSP Salix sp.		Purple willow	1.2-1.8m long cuttings 12-18mm diam.	62 Lin. m of bundles			656.40 (MOD)	Lin. Meter	
		CST Cornus stolonifera		Red - osier Dogwood	1.2-1.8m long cuttings 12-18mm diam.	62 Lin. m of bundles			"	"	
F	WETLANDS										
	Live Stakes	CST Cornus stolonifera		Red - osier Dogwood	300-450mm long cuttings 18-36mm diam.	112	0.5	cuttings	656.40 (MOD)	Each	
		NW Salix sp.		Native Willow cuttings	300-450mm long cuttings 18-36mm diam.	112	0.5	cuttings	"	"	

Cuttings in bundles containing a minimum of 12 stems each. Place bundles end to end and alternate facine species.



1 SOLID BOARD FENCE DETAIL
N.T.S. PAY ITEM 620.12 (MOD)

"DEERFIELD" CEDAR FENCE
SEE SPECIFICATION FOR ITEM 620.12 - (MOD-1.8M FENCE FOR PARCEL 18)

ROUTE 121 LANDSCAPE PLAN - 100% DESIGN

PROJECT: GRAFTON-ROCKINGHAM, ROUTE 121	PROJECT NO. : STP 0126(4)S
DESIGN FILE NAME: CONTRACT2.DGN	PLOT DATE: 12/08/03
IPARM FILE NAME:	SURVEY DATE:
SURVEYED BY:	DRAWN BY: JTO
SQUAD LEADER:	SHEET: 57 OF 116

DATUM
VERTICAL _____
HORIZONTAL _____