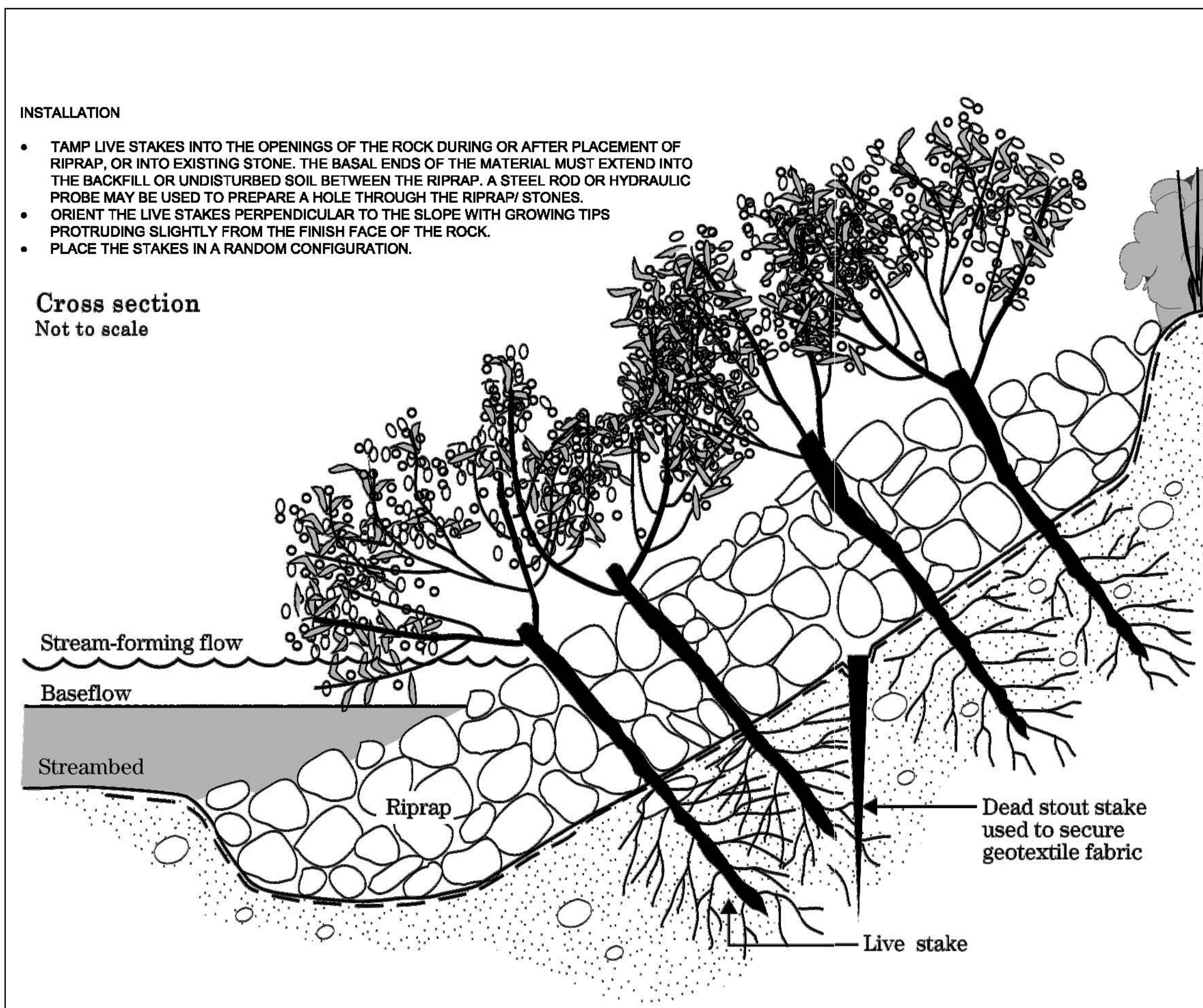
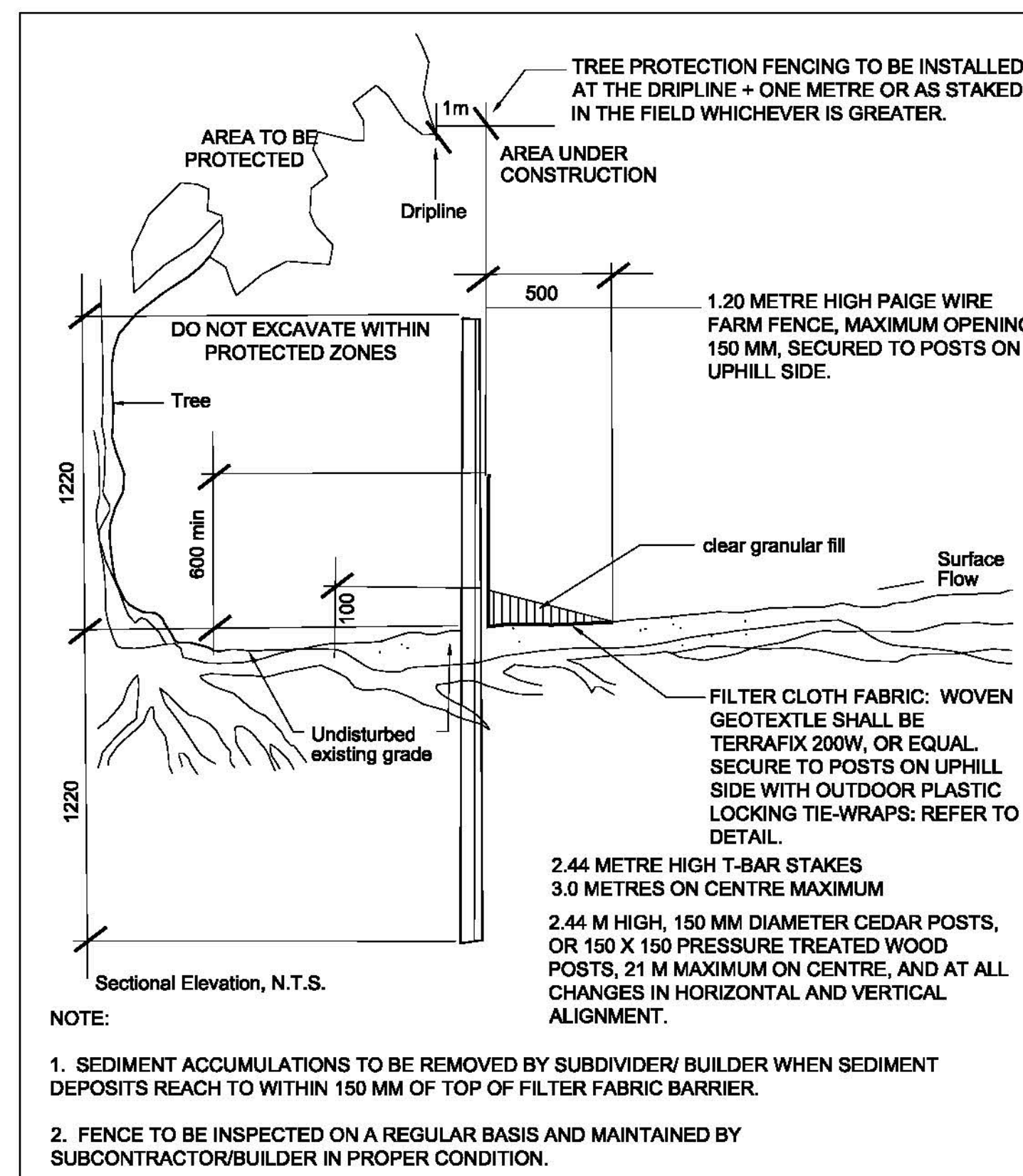


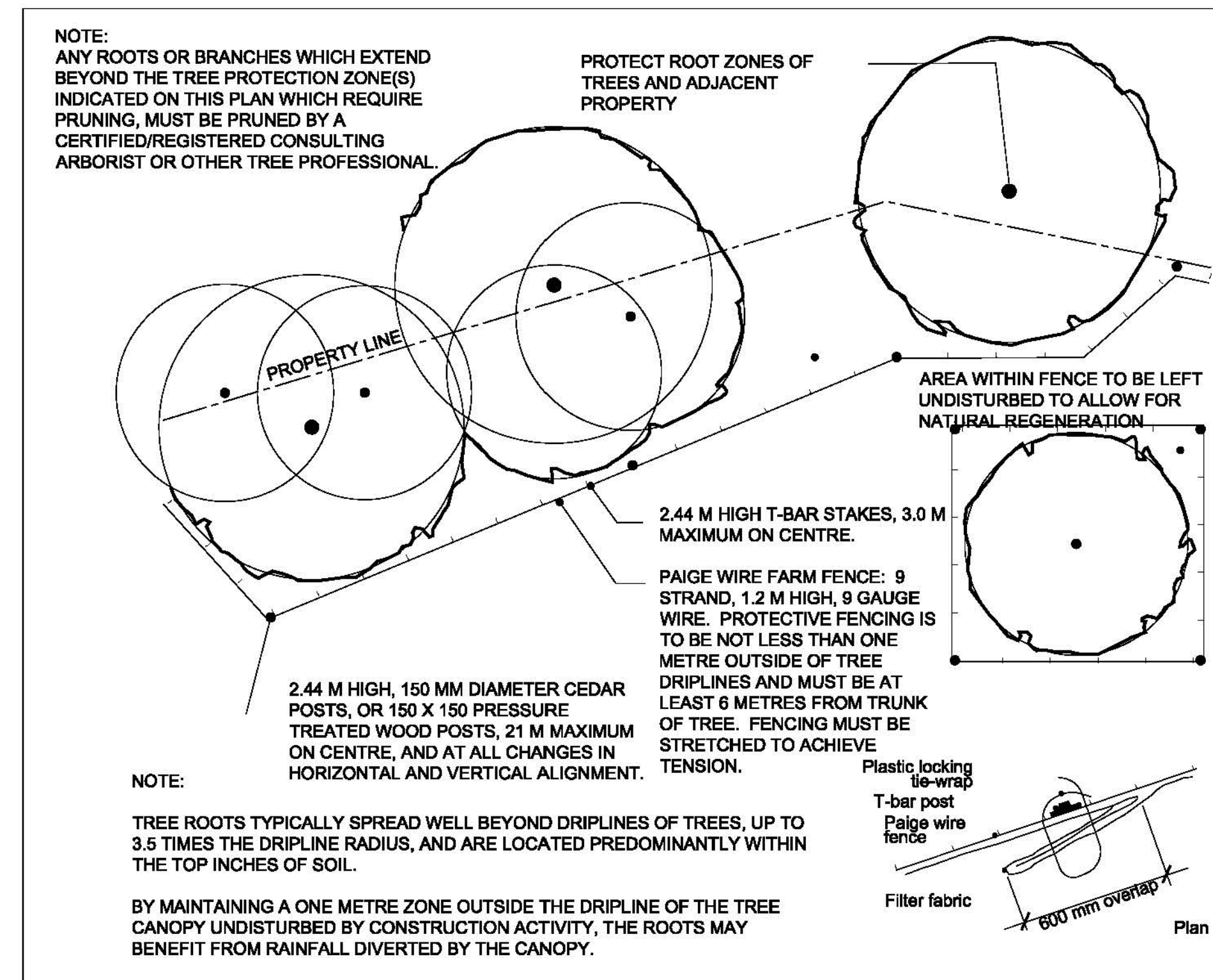
## 1 LIVE STAKES



## 2 LIVE STAKES IN RIPRAP/ STONE SURFACE



## 3 TEMPORARY TREE PROTECTION FENCING



## 4 TEMPORARY TREE PROTECTION FENCING

-	REVISED DRAFT FOR REVIEW	18-09-06
-	66% FOR REVIEW	18-07-05
-	33% FOR REVIEW	18-05-18
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A	A Detail number No. du détail	
B	B Location dwg. no. No. sur dessin	

FOR REVIEW

Project title / Titre du projet  
**TSW INFRASTRUCTURE  
TALBOT DAM  
REHABILITATION  
KIRKFIELD BUNDLE**

Drawing title / Titre du dessin  
**LANDSCAPE DETAILS  
SITE A - Lock 38**

SEPTEMBER 2018

Drawn by / Dessiné par HF	Designed by / Conçu par HF / CR
Approved by / Approuvé par CR	Drawing Date / Date du dessin ISSUE DATE
Project manager / Administrateur de projet JV / SC	
Contract No. / Numéro du contrat EQ754-162678/001/PWL	Drawing No. / Dessiné No. <b>L004</b>
Project No. / Numéro du projet 161-14299-00	Sheet / Feuille 1 of 3



SITE PREPARATION NOTES:

- AREAS TO BE SEEDED SHALL BE BACKFILLED WITH NATIVE SOIL TO 150mm BELOW FINISHED GRADE TO ALLOW FOR TOPSOIL INSTALLATION.

GRADING NOTES:

- CONTRACTOR TO ENSURE POSITIVE DRAINAGE OF ALL AREAS WITHIN THE LIMIT OF THE CONTRACT.
- ENSURE TRANSITION BETWEEN EXISTING AND NEW GRADE ELEVATIONS IS SMOOTH.
- MINIMUM PERMITTED HARDSCAPE SLOPE IS 2%; MAXIMUM PERMITTED IS 5%.
- REFER TO CIVIL ENGINEERING GRADING PLAN FOR EXACT SLOPE DESIGN, TYP.

LAYOUT NOTES:

- LAYOUT TO BE STAKED BY CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT.
- ALL PLANT MATERIAL TO BE INSPECTED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ALL PLANT MATERIAL MAY BE REJECTED AT ANY TIME DURING CONSTRUCTION AND WARRANTY PERIOD.
- CONTRACTOR TO REVIEW DRAWINGS AND REPORT ANY ERRORS, OMISSIONS, OR DISCREPANCIES TO THE LANDSCAPE ARCHITECT IN WRITING.
- PROPERTY LINES TO BE VERIFIED PRIOR TO INITIATING CONSTRUCTION.
- SITE FURNISHINGS TO BE AS SPECIFIED UNLESS SUBSTITUTION IS APPROVED IN WRITING BY LANDSCAPE ARCHITECT.
- NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY, IN WRITING, IF ANY DISCREPANCIES WITH STATED REQUIREMENTS ARE DISCOVERED.

TERRASEEDING:

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOTE:

- CONTRACTOR TO PROVIDE DOCUMENTATION SHOWING THAT ALL MIXES ARE FROM LOCAL SEED SOURCES.
- DEPTH OF TERRASEED: 50mm.
- ALL SEED TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS FOR MULCH, TACKIFIER, AND SPECIFIC SEEDING RATE AND TIMING OF APPLICATION.
- CONTRACTOR TO VERIFY SEEDING RATES RELATIVE TO SOIL TYPE PRIOR TO INSTALLATION OF SEED.
- ALL SEEDING ON SLOPES GREATER THAN 3 (HORIZONTAL) : 1 (VERTICAL) SHALL BE PROTECTED WITH 'SOIL GUARD FIBRE MATRIX' TO MANUFACTURER'S SPECIFICATIONS.

SEED MIX - SEE TABLES BELOW

SEED AT RATE OF 25 KG/HA. SIMULTANEOUSLY INSTALL COVER CROP OF AVENA SATIVA IF PLANTED IN SPRING OR FALL RYE SECALE CEREALE IF PLANTED IN SEPTEMBER - OCTOBER FOR EROSION CONTROL AT A RATE OF 22KG/HA. ALL SEED MIXTURE MANUFACTURED BY 'ONTARIO SEED COMPANY (OSC)' OR APPROVED EQUAL.ALL PACKING SLIPS MUST BE PROVIDED TO CLIENT PRIOR TO SEED PLACEMENT.

SIMCOE COUNTY – EMBANKMENT/ SLOPE/ MEADOW MIX

BOTANICAL NAME	COMMON NAME	% MIX BY WEIGHT
DICHANTHELIUM CLANDESTINUM	TIOGA DEERTONGUE	5%
ELYMUS VCANADENSIS	CANADA WILD RYE	15%
FESTUCA RUBRA	CREEPING RED FESCUE	10%
PANICUM VIRGATUM	SWITCHGRASS	5%
POA PALUSTRIS	FOWL BLUEGRASS	5%
SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	15%
SORGHASTRUM NUTANS	INDIANGRASS	15%
SPOROBOLUS CRYPTANDRUS	SAND DROPSEED	10%
ASCLEPIAS SYRIACA	COMMON MILKWEED	3%
ASCLEPIAS TUBEROSA	BUTTERFLY WEED	4%
DESMODIUM CANADENSE	SHOWY TICK-TREFOIL	3%
MONARDA FISTULOSA	WILD BERGAMOT	3%
PENSTEMON DIGITALIS	BEARD TONGUE	3%
RUDBECKIA HIRTA	BLACK-EYED SUSAN	3%
SOLIDAGO JUNCEA	EARLY GOLDENROD	1%

PLANT MATERIAL ORDER, DELIVERY AND INSPECTION:

- CONTRACTOR TO CHECK ALL QUANTITIES AND REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT. IN WRITING. THE QUANTITIES INDICATED ON THE PLAN SUPERCEDE THE TOTALS OF THE PLANT LIST.
- OBTAIN LANDSCAPE ARCHITECT'S APPROVAL ON ALL PLANT MATERIAL AT SOURCE OR UPON DELIVERY, PRIOR TO COMMENCEMENT OF PLANTING WORK.
- APPROVAL OF PLANT MATERIAL PRIOR TO PLANTING SHALL NOT IMPAIR THE RIGHT OF THE LANDSCAPE ARCHITECT TO REJECT PLANTS AFTER PLANTING, WHICH HAVE BEEN DAMAGED, OR WHICH IN ANY WAY DO NOT CONFORM TO THE SPECIFICATIONS.
- SUBSTITUTIONS OF SIZE, OR WITH OTHER PLANT MATERIAL WILL ONLY BE ALLOWED WITH THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL MATERIAL MUST CONFORM TO THE SIZES SHOWN ON THE PLANT LIST, EXCEPT WHERE LARGER PLANT MATERIAL IS USED WHEN APPROVED BY THE LANDSCAPE ARCHITECT. USE OF LARGER PLANTS WILL NOT INCREASE THE CONTRACT PRICE. UNDERSIZED MATERIAL WILL BE REJECTED.
- ALL SHRUBS AND TREES SHALL CONFORM TO THE PRESENT STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE AND SPECIES.
- PLANTS ARE TO BE NURSERY GROWN UNDER PROPER CULTURAL CONDITIONS, IN PARTICULAR WITH RESPECT TO SPACING, PEST AND DISEASE CONTROL, AND BRANCH AND ROOT PRUNING.
- TREES ARE TO HAVE STRAIGHT STURDY TRUNKS.
- TREES SHALL BE WELL BRANCHED AND BALANCED WITH A STRONG CENTRAL LEADER.
- DECIDUOUS SHADE TREES SHALL BE FREE OF BRANCHES FROM GROUND LEVEL TO A HEIGHT OF 1.8M ABOVE THE GROUND.
- TREES WITH OPEN SCARS ARE NOT ACCEPTABLE.
- KEEP ALL ROOTS AND ROOTBALLS MOIST PRIOR TO PLANTING.

PLANT MATERIAL GUARANTEE AND FINAL INSPECTION:

- AT THE COMPLETION OF PLANTING OPERATIONS, REMOVE ALL SURPLUS MATERIAL FROM THE SITE AT NO EXTRA CHARGE TO THE PROJECT.
- MAKE GOOD ALL DAMAGE RESULTING FROM PLANTING OPERATIONS AT NO EXTRA CHARGE TO THE PROJECT.
- PLANT MATERIAL SHALL BE GUARANTEED FOR A MINIMUM OF TWO YEARS FROM THE ISSUE DATE OF THE CERTIFICATE OF COMPLETION.
- ALL PLANTS SHALL BE INSPECTED TWICE, ONCE HALFWAY THROUGH THE GUARANTEE PERIOD, AND AGAIN AT THE END OF THE GUARANTEE PERIOD. PLANTS WHICH, AT THAT TIME, ARE NOT IN HEALTHY VIGOROUS GROWING CONDITION, TO THE CONSULTANT'S APPROVAL, SHALL BE REPLACED AT NO EXTRA CHARGE TO THE PROJECT.
- CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT AND/OR APPROVAL AGENCY/MUNICIPALITY TO REVIEW PROJECT FOR GUARANTEE INSPECTIONS.

CONSTRUCTION METHODOLOGY:

- THE CONTRACTOR WILL INSTALL EROSION AND SEDIMENT CONTROL AS SPECIFIED BY CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS AND COORDINATION WITH PROJECT MANAGER DIRECTION, TYP.
- EXCAVATE AS REQUIRED FOR ALL ASSOCIATED WORKS, AS INDICATED WITHIN THE CONSTRUCTION DRAWINGS.
- CONSTRUCT ALL WORKS, AS INDICATED WITHIN THE CONSTRUCTION DRAWINGS.
- SUPPLY & PLACE ALL REQUIRED PLANTINGS AND TERRASEED.
- SEDIMENT AND EROSION CONTROLS WILL REMAIN IN PLACE UNTIL PLANTINGS AND TERRASEEDING HAVE ROOTED AND BECOME ESTABLISHED. THE SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE CHECKED BY THE CONTRACTOR ON A DAILY BASIS AND AFTER EACH RAIN EVENT.
- REMOVE EROSION AND SEDIMENT CONTROL.

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LANDSCAPE NOTES  
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