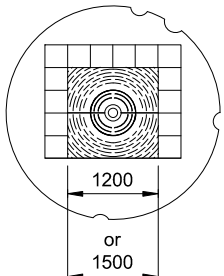
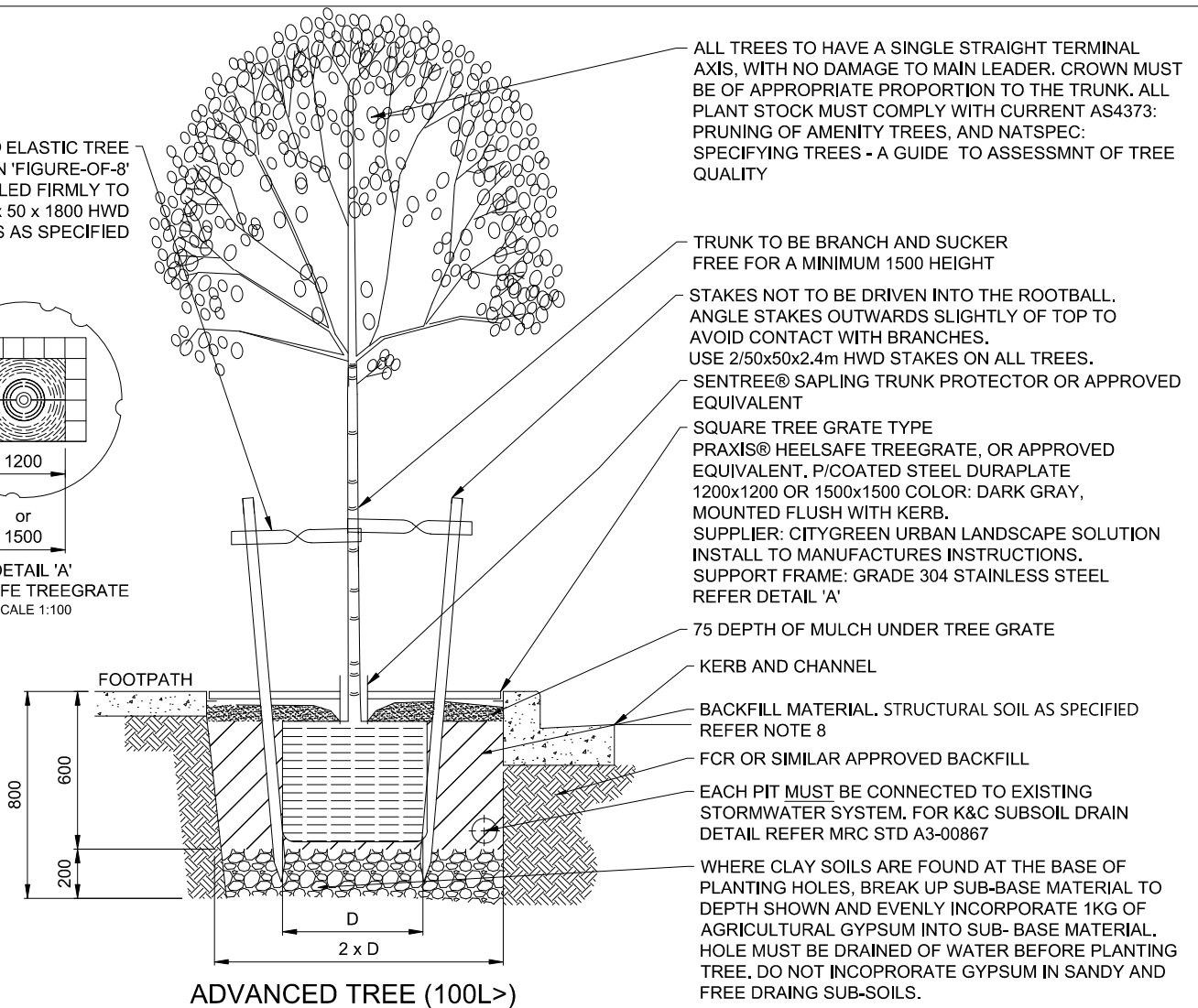


FERNLAND® ELASTIC TREE TIES IN 'FIGURE-OF-8' STAPLED FIRMLY TO 2 / 50 x 50 x 1800 HWD STAKES AS SPECIFIED



DETAIL 'A'
HEELSAFE TREEGRATE
SCALE 1:100



ADVANCED TREE (100L+)
PLANTING DETAIL

NOTES:

NTS

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. THIS DETAIL TO BE READ IN CONJUNCTION WITH MRC SUPPLEMENTARY SPECIFICATION 8300 'LANDSCAPING AND HORTICULTURAL TREATMENT' AND MRC STD A3-00989.
3. WITHIN MACKAY CITY CENTRE LOCAL PLAN AREA MINIMUM TREE SIZE OF 100L IS TO BE USED AS A STREET TREE.
4. ADVANCED TREES SHALL BE CONTAINER GROWN WITH STURDY SINGLE STRAIGHT TRUNK OF SPECIFIED POT & CALIPER SIZE, SELF-SUPPORTING, HARDENED-OFF & DISEASE/ PEST FREE. TREE IS TO BE REMOVED FROM ITS CONTAINER PRIOR TO PLANTING.
5. TREES SHALL BE WELL ROOTED WITHOUT INDICATION OF ROOT CURL, RESTRICTION OR DAMAGE.
6. EXCAVATE PLANTING HOLE TWICE SIZE AND DEPTH OF CONTAINER & BREAK-UP BASE OF HOLE WITH CROWBAR. ADD 1kg OF AGRICULRAL GYPSUM IF CLAY SOIL IS FOUND.
7. TREE SHALL BE POSITIONED IN THE CENTRE OF TREE PIT & GRATE WITH THE TRUNK SET PLUMB & LEVEL WITH SURROUNDING SURFACE. ORIENTATE MAIN LEADER AND BRANCH SO THAT THEY ARE NOT FACING OVER KERB. POSITION MAIN BRANCHES PARALLEL TO KERB
8. BACKFILL PLANTING HOLE WITH STRUCTURAL SOIL AS SPECIFIED. STRUCTURAL SOIL IS TO BE CONDITIONED WITH A COMBINATION OF FERTILISER AND WATER HOLDING AGENT, OR, A SOIL ADDITIVE, AS SPECIFIED (OR AS OTHERWISE APPROVED BY COUNCIL). SOIL CONDITIONER/S SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFIED APPLICATION RATE. PROGRESSIVELY COMPACT BACKFILL TO REMOVE AIR POCKETS, AVOIDING OVER COMPACTION. SURFACE FINISH OF BACKFILL MATERIAL TO BE LEVEL WITH TOP OF ROOTBALL.
9. ALL TREE PLANTING TO BE IN ACCORDANCE WITH OFFSET REQUIREMENTS DETAILED IN MRC PLANNING SCHEME POLICY - LANDSCAPE.
10. INSTALL SENTREE® TRUNK PROTECTOR OR APPROVED EQUIVALNT.
11. FINISH WITH 75mm LAYER OF MULCH. KEEP MULCH CLEAR OF TRUNK GUARD.
12. INSTALL MINIMUM 2/HWD STAKES AND FERNLAND® ELASTIC TREE TIES OR APPROVED EQUIVALENT, AVOIDING DAMAGE TO BRANCHING SYSTEM.
13. GRADUALLY WATER-IN IMMEDIATELY AFTER PLANTING WITH 50L PER TREE TO ENSURE THOROUGH WETTING OF ROOTBALL & SETTLING OF BACKFILL. TOP-UP MULCH AS REQUIRED AFTER SETTLEMENT.

ALL TREES TO HAVE A SINGLE STRAIGHT TERMINAL AXIS, WITH NO DAMAGE TO MAIN LEADER. CROWN MUST BE OF APPROPRIATE PROPORTION TO THE TRUNK. ALL PLANT STOCK MUST COMPLY WITH CURRENT AS4373: PRUNING OF AMENITY TREES, AND NATSPEC: SPECIFYING TREES - A GUIDE TO ASSESSMNT OF TREE QUALITY

TRUNK TO BE BRANCH AND SUCKER FREE FOR A MINIMUM 1500 HEIGHT

STAKES NOT TO BE DRIVEN INTO THE ROOTBALL. ANGLE STAKES OUTWARDS SLIGHTLY OF TOP TO AVOID CONTACT WITH BRANCHES. USE 2/50x50x2.4m HWD STAKES ON ALL TREES.

SENTREE® SAPLING TRUNK PROTECTOR OR APPROVED EQUIVALENT

SQUARE TREE GRATE TYPE PRAXIS® HEELSAFE TREEGRATE, OR APPROVED EQUIVALENT. P/COATED STEEL DURAPLATE 1200x1200 OR 1500x1500 COLOR: DARK GRAY, MOUNTED FLUSH WITH KERB. SUPPLIER: CITYGREEN URBAN LANDSCAPE SOLUTION INSTALL TO MANUFACTURES INSTRUCTIONS. SUPPORT FRAME: GRADE 304 STAINLESS STEEL REFER DETAIL 'A'

75 DEPTH OF MULCH UNDER TREE GRATE

KERB AND CHANNEL

BACKFILL MATERIAL. STRUCTURAL SOIL AS SPECIFIED REFER NOTE 8

FCR OR SIMILAR APPROVED BACKFILL

EACH PIT MUST BE CONNECTED TO EXISTING STORMWATER SYSTEM. FOR K&C SUBSOIL DRAIN DETAIL REFER MRC STD A3-00867

WHERE CLAY SOILS ARE FOUND AT THE BASE OF PLANTING HOLES, BREAK UP SUB-BASE MATERIAL TO DEPTH SHOWN AND EVENLY INCORPORATE 1KG OF AGRICULTURAL GYPSUM INTO SUB- BASE MATERIAL. HOLE MUST BE DRAINED OF WATER BEFORE PLANTING TREE. DO NOT INCOPORATE GYPSUM IN SANDY AND FREE DRAINING SUB-SOILS.

E	01/2021	NOTES AMENDED, DRAWING MODIFIED	Jason Cocker
NO.	DATE	DESCRIPTION	APPVD

AMENDMENTS AND REVISIONS

FILE NAME \STANDARD DRAWINGS\A4-00177.DWG

DRAWN I BENTLEY	SIGNED	DATE 12/12/06	DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE	WORKS JOB No. STANDARD	DRAWING No. A4-00177	AMEND. E
DESIGNED	SIGNED	DATE	ORIGINAL SIGNED BY S.HOLLEY JASON DEVITT	STREET TREE PLANTING TO MACKAY CITY CENTRE LOCAL PLAN AREA TREE GRATE		
CHECKED G.HAWES	SIGNED	DATE 12/12/06	DATE 14/02/12			
MANAGER TECHNICAL SERVICES						
ORIGINAL SIGNED BY G.HAWES						
G. HAWES RPEQ 5693			DATE			

