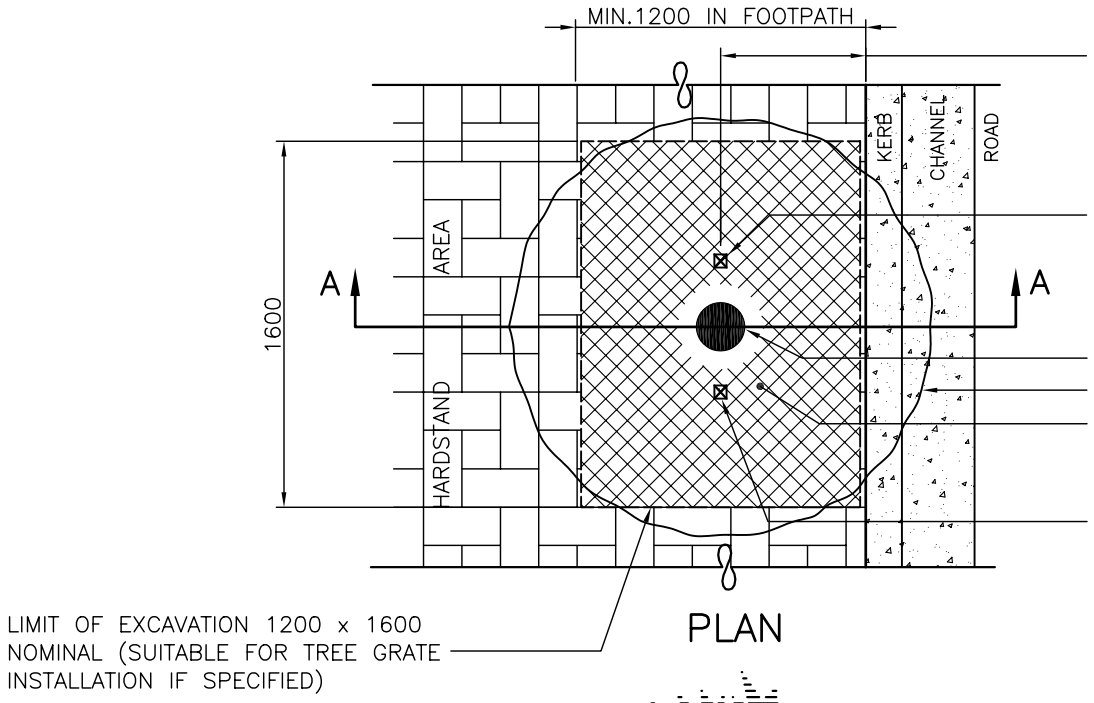


PLAN

LIMIT OF EXCAVATION 1200 x 1600 NOMINAL (SUITABLE FOR TREE GRATE INSTALLATION IF SPECIFIED)

TREE CORRIDOR IS 400 WIDE WITH CENTRELINE BEING 650 OFF REAR OF KERB. REFER UMS 121 OR 123 FOR SERVICE CORRIDOR WIDTHS.

STAKE TREES AS PER PLANT SCHEDULE. 2 x STAKES REQUIRED (1800x50x50) LOCATED PARALLEL TO KERB. LOCATE STAKES 50 OUTSIDE ROOTBALL AND DRIVE 600 INTO GROUND. TIE WITH 2 APPROVED BLACK PVC INTERLOCKING TIES, IN A FIGURE EIGHT MANNER.

TREE CENTRE.

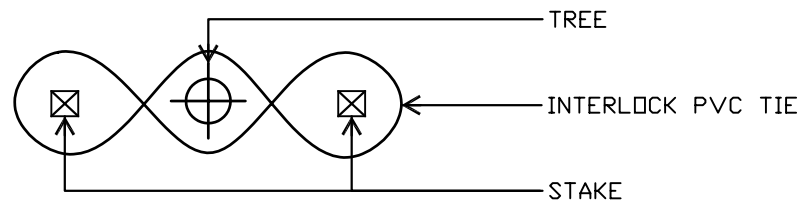
TREE CANOPY DIAMETER.

75 THICK MULCH (GENERALLY). TYPE OF MULCH AS SPECIFIED. MAINTAIN 50–100 RADIUS SEPARATION BETWEEN MULCH AND STEM OF TREE. FINISH MULCH 25 BELOW ADJACENT FSL.

TREE STAKE AS ABOVE.

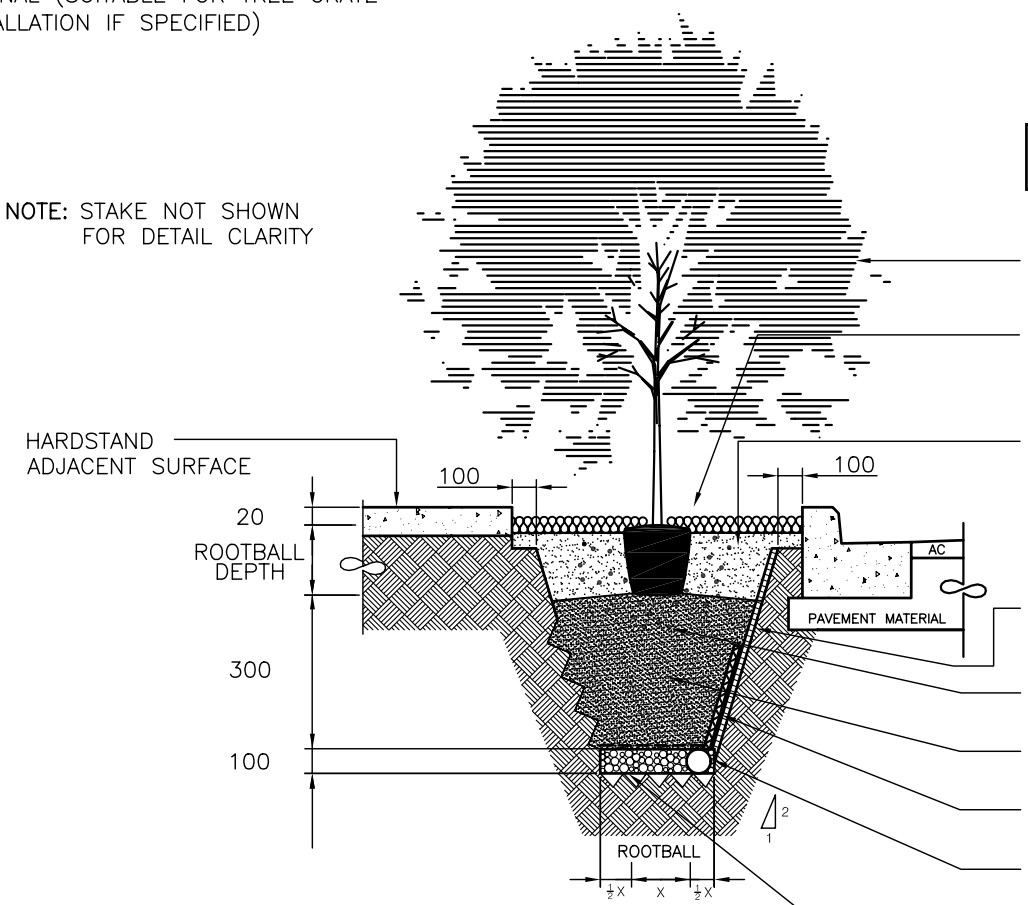
LEGEND

- SUBGRADE
- HARDSTAND AREA
- TOPSOIL
- TOPSOIL (COMPACTED)
- MULCH AREA



TREE TIE DETAIL

NOTE: STAKE NOT SHOWN FOR DETAIL CLARITY



SECTION A–A

NOTE: VERIFY LOCATION OF SERVICES PRIOR TO EXCAVATION OF TREE HOLE.

PLANT TYPE AS PER PLANT SCHEDULE.

MULCH 75 THICK AS ABOVE, FINISHED 25 BELOW ADJACENT FSL.

PLACE THE PLANT IN THE HOLE SO THAT THE TOP OF THE ROOTBALL IS 20 BELOW THE FINISHED SURROUNDING SOIL LEVEL TO FORM SHALLOW DEPRESSION IN SOIL AROUND ROOTBALL FOR IMPROVED WATER RETENTION. BACKFILL AND COMPACT TOPSOIL AROUND ROOTBALL, ENSURING NO AIR POCKETS REMAIN.

IF SPECIFIED, FOR AGGRESSIVE TREE ROOTS, USE NYLEX ROOT BARRIER OR APPROVED EQUIVALENT. MINIMUM 600 DEPTH TO ROAD SIDE OF TREE PIT. LENGTH OF ROOT BARRIER AS SPECIFIED.

PLACE SLOW RELEASE FERTILISER AROUND THE ROOTBALL TO MANUFACTURER'S SPECIFICATIONS.

LIGHTLY COMPACT TOPSOIL IN 150 LAYERS AND PLACE ROOTBALL ON TOP.

IF SPECIFIED, 450 "MEGAFLOW" STRIP DRAIN OR APPROVED EQUIVALENT TO ROAD SIDE OF TREE PIT.

IF SPECIFIED, 100 THICK GRAVEL DRAINAGE LAYER, LOCATED A MINIMUM 300 BELOW PAVEMENT MATERIAL. 5 OR 10 NOMINAL SINGLE SIZE SCREENINGS WITH FILTER FABRIC (BIDIM) A14 OR EQUIVALENT ON TOP. 100 ø CORRUGATED PERFORATED POLYETHYLENE PIPE CLASS 400 TO DEWATER DRAINAGE LAYER AND PROTECT PAVEMENT FROM WATER INGRESS. CONNECT TO STORMWATER.

CULTIVATE SUBGRADE AND TREE PIT WALL TO 100.

NOTES

1. REFERENCE SPECIFICATION S190 LANDSCAPING SHOULD BE READ IN CONJUNCTION WITH THIS DRAWING.
2. SIDE DRAINS SHALL OUTLET TO A GULLY, PREFERABLY, OR STORMWATER PIPE.
3. 100ø CORRUGATED PERFORATED POLYETHYLENE (PE) PIPE AND FITTINGS TO BE CLASS 400 TO AS 2439.
4. USE STANDARD FITTINGS FOR ALL CONNECTIONS INCLUDING THE JOINING OF LENGTHS OF CORRUGATED PIPE.
5. DRAINAGE PIPES TO BE LAID TO A MINIMUM GRADE OF 1 in 250 FOR PIPE DRAINS AND TO A MINIMUM GRADE OF 1 in 100 FOR SCREENING ONLY DRAINS.
6. SCREENING SURROUND AND THE BACKFILL PAVEMENT MATERIAL MUST BE ADEQUATELY COMPACTED TO PROVIDE FLEXIBLE PIPE SUPPORT AS REQUIRED IN ACCORDANCE WITH AS 2566.
7. SUPPLY AND INSTALL PANEL DRAINS, IF USED, REFER TO THE MANUFACTURERS SPECIFICATIONS.
8. GRADING OF SINGLE SIZE SCREENING MATERIALS.

A.S. SIEVE SIZE(mm)	%PASSING (% BY WEIGHT)	
	5mm NOMINAL SIZE	10mm NOMINAL SIZE
13.2	–	100
9.50	–	85–100
6.70	100	–
4.75	85–100	0–20
2.36	0–40	0–5
0.075	0–2	0–2

9. DIMENSIONS IN MILLIMETRES (UNO).

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
A	ORIGINAL ISSUE	April '01	May '01	June '01

DESIGN AUTHORISED FOR ISSUE
B. BALL SIGNATURE ON ORIGINAL
DATED 29/6/01

MANAGER ASSET SUPPORT - R.P.E.Q: 3852

DESIGN APPROVED
L. PLANT SIGNATURE ON ORIGINAL
DATED 27/6/01

SENIOR PROGRAM OFFICER - LANDSCAPE AMENITY

DESIGN	STD DWG GROUP	DATE	April '01
DRAWN	CITY DESIGN	DATE	April '01
CHECKED	K. FOSTER	DATE	May '01
DRAWING FILENAME	\UMS 512		
ASSOCIATED PLANS	SUPERSEDES		

BRISBANE CITY

BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION

TREE PLANTING IN PAVEMENT AREAS TO FOOTPATH

SCALE: NOT TO SCALE
DWG No.: UMS 512
ORIGINAL SIZE: A3
REVISION: A