DRAWING INDEX								
SHEET	REV							
01-03	4.75m VERGE DETAILS & DRAWING INDEX	А						
02-03	6.25m VERGE DETAILS	А						
03-03	6.70m VERGE DETAILS	Α						

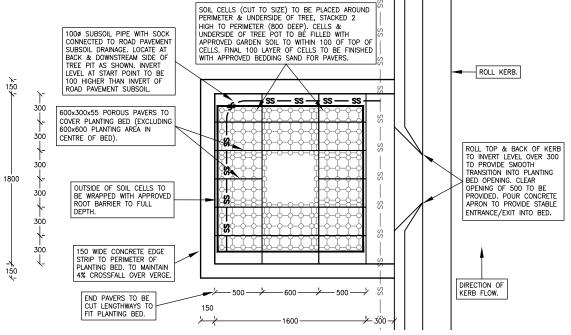
#### **NOTES:**

- ALL DIMENSIONS IN MILLIMETRES.
  THIS DETAIL SHALL BE USED FOR ALL PROPOSED PASSIVELY IRRIGATED STREET TREES FOR LANDSCAPING OR WATER SENSITIVE URBAN DESIGN PURPOSES.
- TREE POT SIZE TO BE 45 LITRES FOR RESIDENTIAL SUBDIVISIONS. TREE HEIGHT TO BE 1800 MINIMUM.

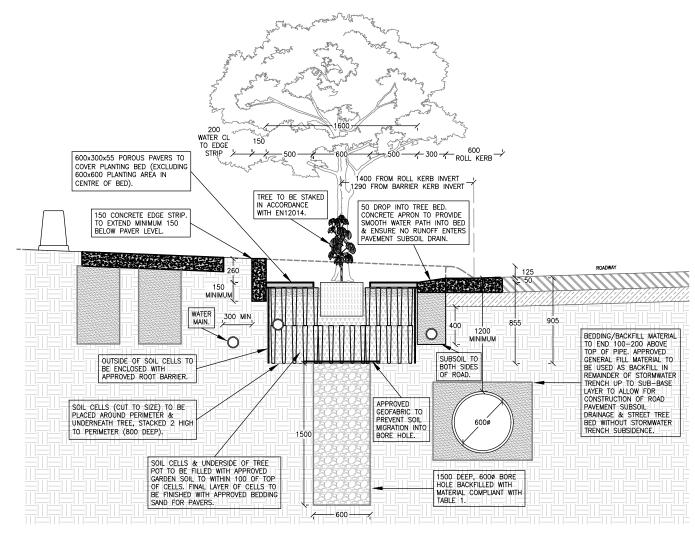
- TREE SPECIES TO BE APPROVED BY COUNCIL.
  TREES TO BE INSPECTED PRIOR TO PLANTING.
- PLANTING LOCATIONS TO BE INSPECTED PRIOR TO PLANTING.
  GARDEN SOIL & BEDDING SAND TO BE APPROVED PRIOR TO USE.
- BORE HOLE TO BE BACKFILLED WITH MATERIAL COMPLIANT WITH TABLE 1 10. SOIL CELLS & ROOT BARRIER TO BE INSPECTED PRIOR TO COMMENCEMENT
- OF GARDEN SOIL BACKFILL. 11. TREE PIT SUBSOIL DRAINAGE LINE & CONNECTION TO ROAD PAVEMENT
- SUBSOIL DRAINAGE LINE TO BE INSPECTED DURING GARDEN SOIL BACKFILL.
- 12. GARDEN SOIL BACKFILL PLACEMENT TO BE INSPECTED PRIOR TO BEDDING SAND PLACEMENT.
- 1.3 TREE TO BE PLACED CENTRE OF ALLOTMENT
- 14. CONCRETE EDGE STRIP TO MAINTAIN 4% VERGE CROSSFALL.
- 15. SOIL CELLS TO BE 'CITY GREEN STRATAVAULT 30' CUT TO REQUIRED SIZE.
- 16. POROUS PAVERS TO BE "HYDROPAVERS INTERNATIONAL PREMIER HYDROPAVER" OR APPROVED EQUIVALENT IN "SAND" COLOUR. MINIMUM PERMEABILITY TO BE 25mm/MINUTE.
- 17. ROOT BARRIER TO BE POLYETHYLENE, MINIMUM 2mm THICK.
- 18. SEE EN12014 FOR TREE STAKING DETAILS.
- 19. SEE EN12046 FOR RESIDENTIAL TREE LOCATION DETAILS.

TARIF 1

IADLL I									
BEDDING/BACKFILL MATERIAL PARTICLE SIZE DISTRIBUTION									
AS SIEVE SIZE (mm)	PERCENTAGE PASSING BY MASS								
9.5	100								
6.73	70-100								
4.75	50-100								
2.36	40-100								
1.18	30-65								
0.6	12-40								
0.30	0-16								
0.15	0-4								
0.075	0-3								

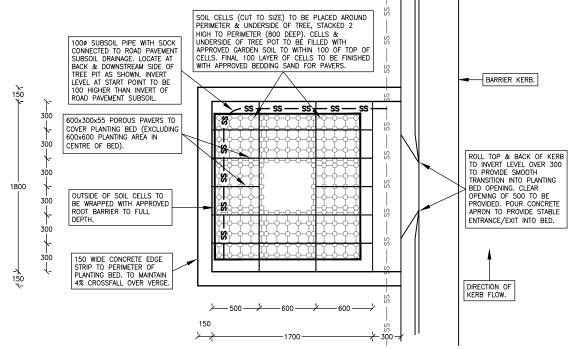


### 4.75m VERGE PASSIVELY IRRIGATED TREE PLAN SCALE 1:20

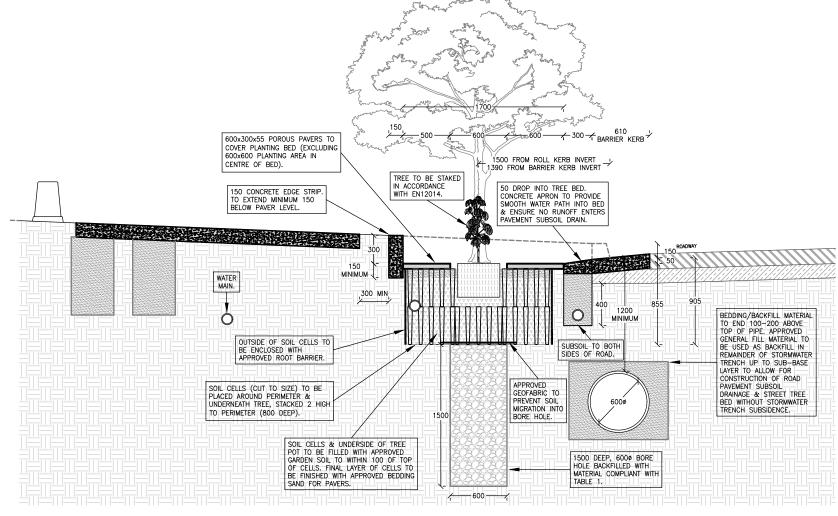


4.75m VERGE PASSIVELY IRRIGATED TREE CROSS SECTION SCALE 1:20

CONSULTANT		REV	DESCRIPTION	INITIAL	DATE	SCALES IN METRES (A1)	SURVEYED _	CHECKED		PROJECT
		Α	ISSUED FOR APPROVAL	MC	21-09-	23 0 0.1 0.2 0.3 0.4 0.5 0 2 4 6 8 10 0 7.5 15 22.5 30 37.5 - 1:10 1 1:750 1 1	DRAWN MC	<del>- </del>		BRC STANDARD PASSIVELY IRRIGATED
							IVIC	TEOLINION CERVICES MANAGER	-	STREET TREE DETAILS
						1:20	DESIGN MC	TECHNICAL SERVICES MANAGER	BATHURST 3	DESCRIPTION 4.75m VERGE DETAILS
	1					1:50 0.5 1.0 1.5 2.0 2.5 0 4 8 12 16 20 0 20 40 60 80 100	DATE 21-09-23	DIRECTOR ENGINEERING SERVICES		& DRAWINGS INDEX
CHECKED	APPROVED					0 1 2 3 4 5 0 5 10 15 20 25 0 50 100 150 200 250 1:100 1:500 1:500 1:500 1:500 1:500	DATUM	DIRECTOR ENGINEERING SERVICES	REGIONAL COUNCIL	DWG No. SHEET No. REV.
										EN12045 01-03 A



#### 6.25m VERGE PASSIVELY IRRIGATED TREE PLAN SCALE 1:20



# 6.25m VERGE PASSIVELY IRRIGATED TREE CROSS SECTION

CC	ONSULTANT		REV	DESCRIPTION INITIALS	DATE	SCALES	TALES IN METRES (A1)	SURVEYED	_	CHECKED		PROJECT	
			Α	ISSUED FOR APPROVAL MC	21-09-2	:3	0 0.1 0.2 0.3 0.4 0.5 0 2 4 6 8 10 0 7.5 15 22.5 30 37.5	DDAWAL		4		BRC STANDARD PASSIVELY IRRIGATED	
							1:10	DRAWN	MC			STREET TREE DETAILS	
						1.20	0 0.2 0.4 0.6 0.8 1.0 0 2.5 5 7.5 10 12.5 0 10 20 30 40 50 1:20 1:250 1:	DESIGN		TECHNICAL SERVICES MANAGER		DESCRIPTION	
		_					0 0.5 1.0 1.5 2.0 2.5 0 4 8 12 16 20 0 20 40 60 80 100		MC		BATHURST ~~~	6.25m VERGE DETAILS	
-						1:50	0 0.5 1.0 1.5 2.0 2.5 0 4 8 12 16 20 0 20 40 60 80 100 1:50 1:400 1:2000	DATE	21-09-23	DIRECTOR ENGINEERING SERVICES	DECIONAL COUNCIL	1	
CH	HECKED	APPROVED				1,100	0 1 2 3 4 5 0 5 10 15 20 25 0 50 100 150 200 250 1:100 1:100 1:500 1:500 1:500 1:5000 1:5000	D. T. W.		DIRECTOR ENGINEERING SERVICES	REGIONAL COUNCIL	DWG No. SHEET No. R	REV.
						1.100	1:500	DATUM	-			EN12045 02-03	, A
								1					

## NOTES:

- ALL DIMENSIONS IN MILLIMETRES.
- THIS DETAIL SHALL BE USED FOR ALL PROPOSED PASSIVELY IRRIGATED STREET TREES FOR LANDSCAPING OR WATER SENSITIVE URBAN DESIGN
- TREE POT SIZE TO BE 45 LITRES FOR RESIDENTIAL SUBDIVISIONS.
- TREE HEIGHT TO BE 1800 MINIMUM.
- TREE SPECIES TO BE APPROVED BY COUNCIL
- TREES TO BE INSPECTED PRIOR TO PLANTING.
- PLANTING LOCATIONS TO BE INSPECTED PRIOR TO PLANTING.
  GARDEN SOIL & BEDDING SAND TO BE APPROVED PRIOR TO USE.
- 9. BORE HOLE TO BE BACKFILLED WITH MATERIAL COMPLIANT WITH TABLE 1.
  10. SOIL CELLS & ROOT BARRIER TO BE INSPECTED PRIOR TO COMMENCEMENT
- OF GARDEN SOIL BACKFILL.

  11. TREE PIT SUBSOIL DRAINAGE LINE & CONNECTION TO ROAD PAVEMENT
- SUBSOIL DRAINAGE LINE TO BE INSPECTED DURING GARDEN SOIL BACKFILL.

  12. GARDEN SOIL BACKFILL PLACEMENT TO BE INSPECTED PRIOR TO BEDDING SAND PLACEMENT.
- 13. TREE TO BE PLACED CENTRE OF ALLOTMENT.
- 14. CONCRETE EDGE STRIP TO MAINTAIN 4% VERGE CROSSFALL.
- SOIL CELLS TO BE 'CITY GREEN STRATAVAULT 30' CUT TO REQUIRED SIZE.
   POROUS PAVERS TO BE "HYDROPAVERS INTERNATIONAL PREMIER HYDROPAVER"
- OR APPROVED EQUIVALENT IN "SAND" COLOUR. MINIMUM PERMEABILITY TO BE
- 17. ROOT BARRIER TO BE POLYETHYLENE, MINIMUM 2mm THICK.
- 17. ROOT BARNIER TO BE POLIETHTEENE, MINIMON 211111 THE
  18. SEE EN12014 FOR TREE STAKING DETAILS.
  19. SEE EN12046 FOR RESIDENTIAL TREE LOCATION DETAILS.

### TABLE 1

PARTICL	BEDDING/BACKFILL MATERIAL PARTICLE SIZE DISTRIBUTION										
AS SIEVE SIZE (mm)	PERCENTAGE PASSING BY MASS										
9.5	100										
6.73	70-100 50-100 40-100 30-65										
4.75											
2.36											
1.18											
0.6	12-40										
0.30	0-16										
0.15	0-4										
0.075	0-3										

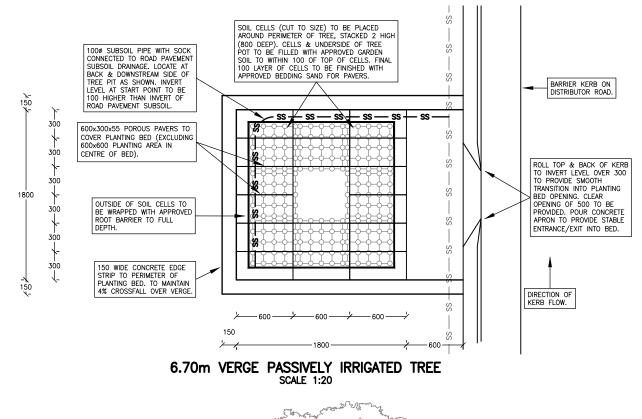


TABLE 1

THIS DETAIL SHALL BE USED FOR ALL PROPOSED PASSIVELY IRRIGATED STREET TREES FOR LANDSCAPING OR WATER SENSITIVE URBAN DESIGN

TREE POT SIZE TO BE 45 LITRES FOR RESIDENTIAL SUBDIVISIONS.

7. PLANTING LOCATIONS TO BE INSPECTED PRIOR TO PLANTING.
8. GARDEN SOIL & BEDDINIG SAND TO BE APPROVED PRIOR TO USE.
9. BORE HOLE TO BE BACKFILLED WITH MATERIAL COMPLIANT WITH TABLE 1.
10. SOIL CELLS & ROOT BARRIER TO BE INSPECTED PRIOR TO COMMENCEMENT.

OF GARDEN SOIL BACKFILL.

11. TREE PIT SUBSOIL DRAINAGE LINE & CONNECTION TO ROAD PAVEMENT

14. CONCRETE EDGE STRIP TO MAINTAIN 4% VERGE CROSSFALL.

77. ROOT BARRIER TO BE POLYETHYLENE, MINIMUM 2mm THICK.
18. SEE EN12014 FOR TREE STAKING DETAILS.
19. SEE EN12046 FOR RESIDENTIAL TREE LOCATION DETAILS.

SUBSOIL DRAINAGE LINE TO BE INSPECTED DURING GARDEN SOIL BACKFILL.

12. GARDEN SOIL BACKFILL PLACEMENT TO BE INSPECTED PRIOR TO BEDDING

 SOIL CELLS TO BE 'CITY GREEN STRATAVAULT 30' CUT TO REQUIRED SIZE.
 POROUS PAVERS TO BE "HYDROPAVERS INTERNATIONAL PREMIER HYDROPAVER" OR APPROVED EQUIVALENT IN "SAND" COLOUR. MINIMUM PERMEABILITY TO BE

NOTES:

ALL DIMENSIONS IN MILLIMETRES.

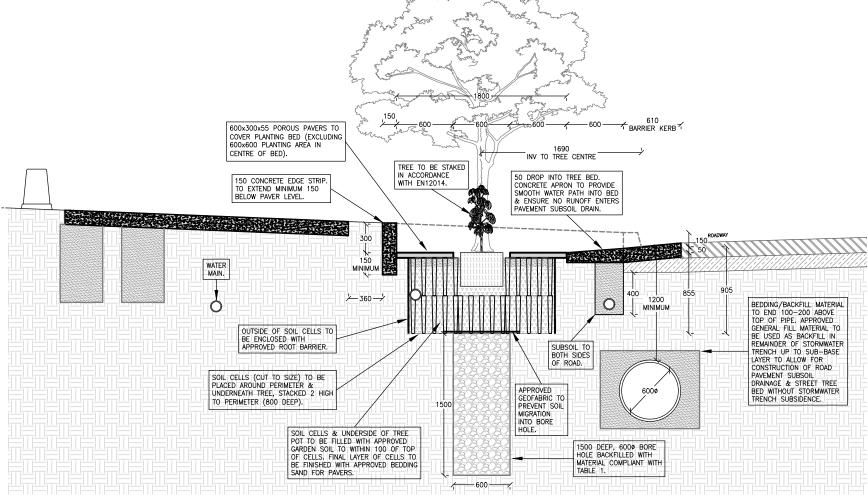
TREE HEIGHT TO BE 1800 MINIMUM.

SAND PLACEMENT.

13. TREE TO BE PLACED CENTRE OF ALLOTMENT.

TREE SPECIES TO BE APPROVED BY COUNCIL.
TREES TO BE INSPECTED PRIOR TO PLANTING.

IADLL I									
BEDDING/BACKFILL MATERIAL PARTICLE SIZE DISTRIBUTION									
AS SIEVE SIZE (mm) PERCENTAGE PASSING BY MASS									
9.5	100								
6.73	70-100								
4.75	50-100								
2.36	40-100								
1.18	30-65								
0.6	12-40								
0.30	0-16								
0.15	0-4								
0.075	0-3								



# 6.70m VERGE PASSIVELY IRRIGATED TREE CROSS SECTION

	CONSULTANT		REV	DESCRIPTION	INITIALS	DATE	SCALES IN METRES (A1)	SURVEYED _	CHECKED		PROJECT
			Α	ISSUED FOR APPROVAL	MC 2	-09-23	3 0 0.1 0.2 0.3 0.4 0.5 0 2 4 6 8 10 0 7.5 15 22.5 30 37.5 1:10 1:750	DRAWN NC			BRC STANDARD PASSIVELY IRRIGATED STREET TREE DETAILS
		-					0 0.2 0.4 0.6 0.8 1.0 0 2.5 5 7.5 10 12.5 0 10 20 30 40 50	MC DECION	TECHNICAL SERVICES MANAGER		DESCRIPTION DESCRIPTION
		-					1:20	DESIGN MC		BATHURST 3	6.70m VERGE DETAILS
-	CHECKED	APPROVED					1:50 1:200 1	DATE 21-09-23	DIRECTOR ENGINEERING SERVICES	REGIONAL COUNCIL	
							1:100	DATUM _		REGIOTAL COUNCIL	DWG No. SHEET No. REV. FN12045 03—03 A
							1.500	DATOM _			EN12045 03-03