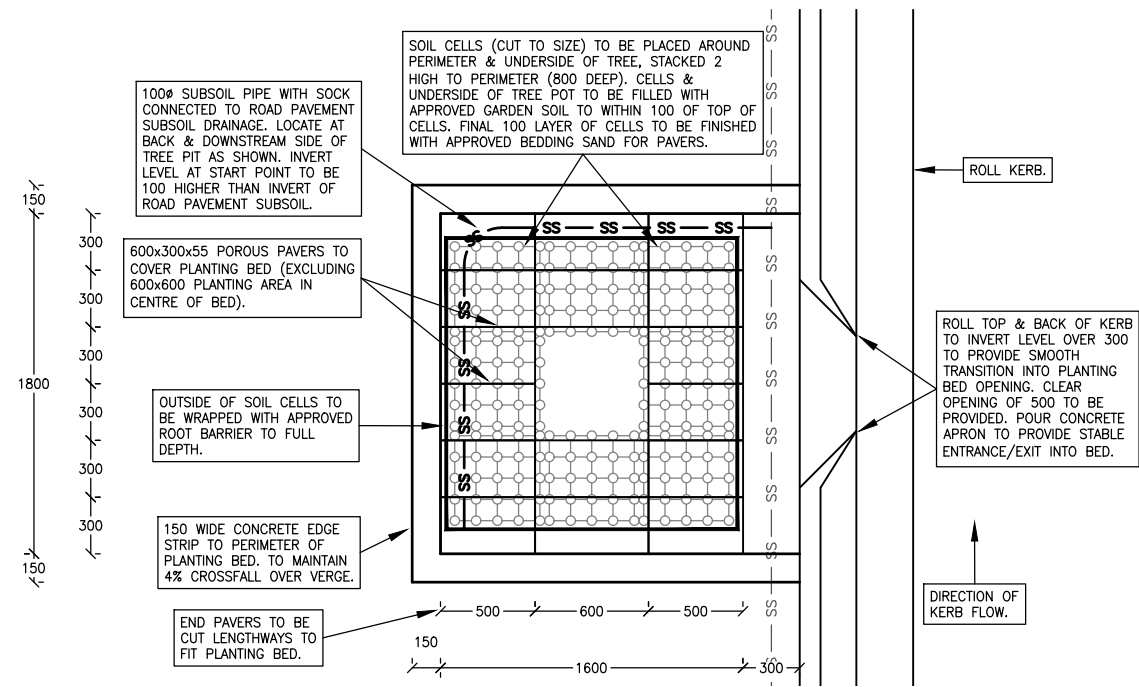


DRAWING INDEX		
SHEET	DESCRIPTION	REV
01-03	4.75m VERGE DETAILS & DRAWING INDEX	A
02-03	6.25m VERGE DETAILS	A
03-03	6.70m VERGE DETAILS	A

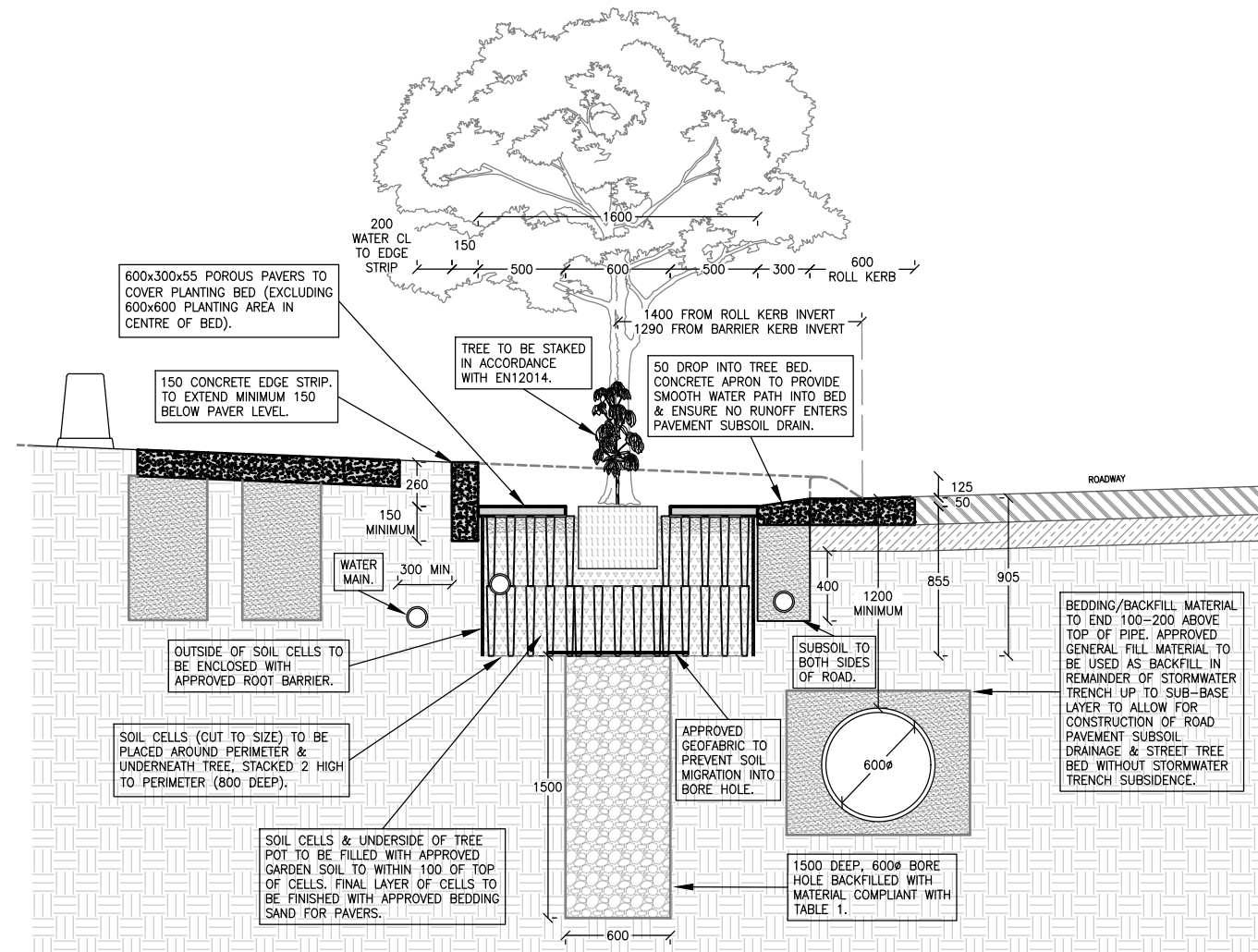
**NOTES:**

- 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.
- SOIL CELLS & ROOT BARRIER TO BE INSPECTED PRIOR TO COMMENCEMENT OF GARDEN SOIL BACKFILL.
- TREE PIT SUBSOIL DRAINAGE LINE & CONNECTION TO ROAD PAVEMENT SUBSOIL DRAINAGE LINE TO BE INSPECTED DURING GARDEN SOIL BACKFILL.
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- TREE TO BE PLACED CENTRE OF ALLOTMENT.
- 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 25mm/MINUTE.
- ROOT BARRIER TO BE POLYETHYLENE, MINIMUM 2mm THICK.
- SEE EN12014 FOR TREE STAKING DETAILS.
- SEE EN12046 FOR RESIDENTIAL TREE LOCATION DETAILS.

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	INITIALS	DATE	SCALES IN METRES (A1)	SURVEYED	CHECKED	PROJECT																										
	A	ISSUED FOR APPROVAL	MC	21-09-23	1:10 0 0.1 0.2 0.3 0.4 0.5 1:20 0 0.2 0.4 0.6 0.8 1.0 1:50 0 0.5 1.0 1.5 2.0 2.5 1:100 0 1 2 3 4 5	1:200 0 2 4 6 8 10 1:250 0 2.5 5 7.5 10 12.5 1:400 0 4 8 12 16 20 1:500 0 5 10 15 20 25	1:750 0 7.5 15 22.5 30 37.5 1:1000 0 10 20 30 40 50 1:2000 0 20 40 60 80 100 1:5000 0 50 100 150 200 250	<table border="1"> <tr> <td>SURVEYED</td> <td>-</td> </tr> <tr> <td>DRAWN</td> <td>MC</td> </tr> <tr> <td>DESIGN</td> <td>MC</td> </tr> <tr> <td>DATE</td> <td>21-09-23</td> </tr> <tr> <td>DATUM</td> <td>-</td> </tr> </table>	SURVEYED	-	DRAWN	MC	DESIGN	MC	DATE	21-09-23	DATUM	-	<table border="1"> <tr> <td>CHECKED</td> <td>TECHNICAL SERVICES MANAGER</td> </tr> <tr> <td></td> <td>DIRECTOR ENGINEERING SERVICES</td> </tr> </table>	CHECKED	TECHNICAL SERVICES MANAGER		DIRECTOR ENGINEERING SERVICES	<table border="1"> <tr> <td>PROJECT</td> <td>BRC STANDARD PASSIVELY IRRIGATED STREET TREE DETAILS</td> </tr> <tr> <td>DESCRIPTION</td> <td>4.75m VERGE DETAILS &amp; DRAWINGS INDEX</td> </tr> <tr> <td>DWG No.</td> <td>EN12045</td> </tr> <tr> <td>SHEET No.</td> <td>01-03</td> </tr> <tr> <td>REV.</td> <td>A</td> </tr> </table>	PROJECT	BRC STANDARD PASSIVELY IRRIGATED STREET TREE DETAILS	DESCRIPTION	4.75m VERGE DETAILS & DRAWINGS INDEX	DWG No.	EN12045	SHEET No.	01-03	REV.	A
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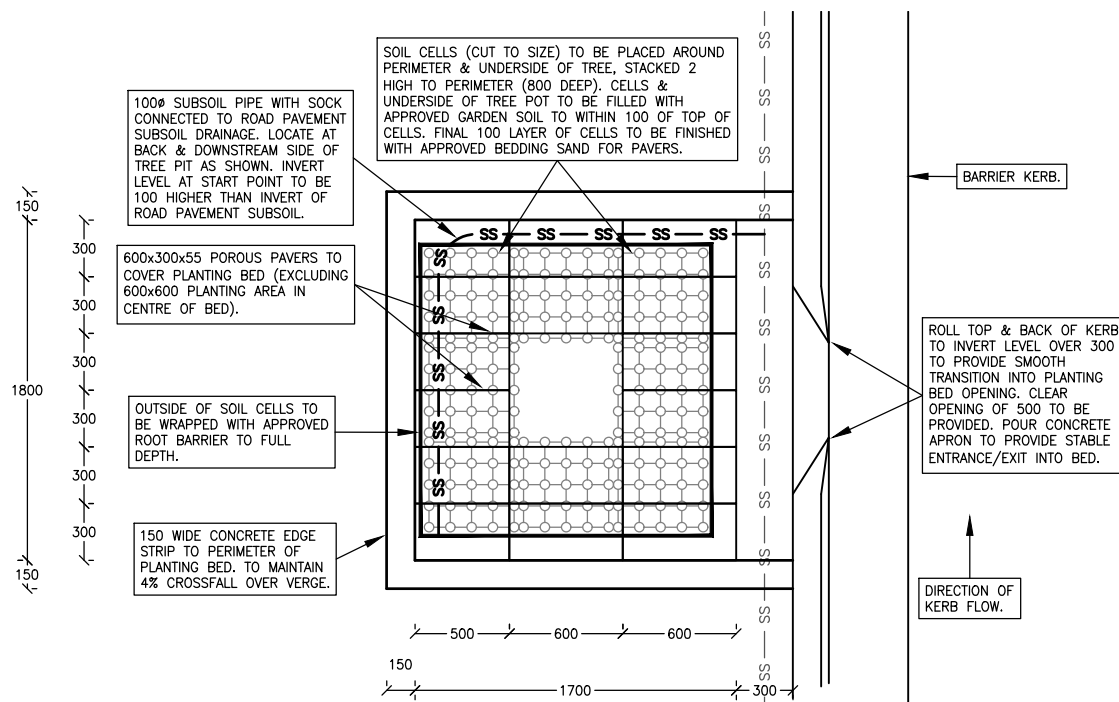


**NOTES:**

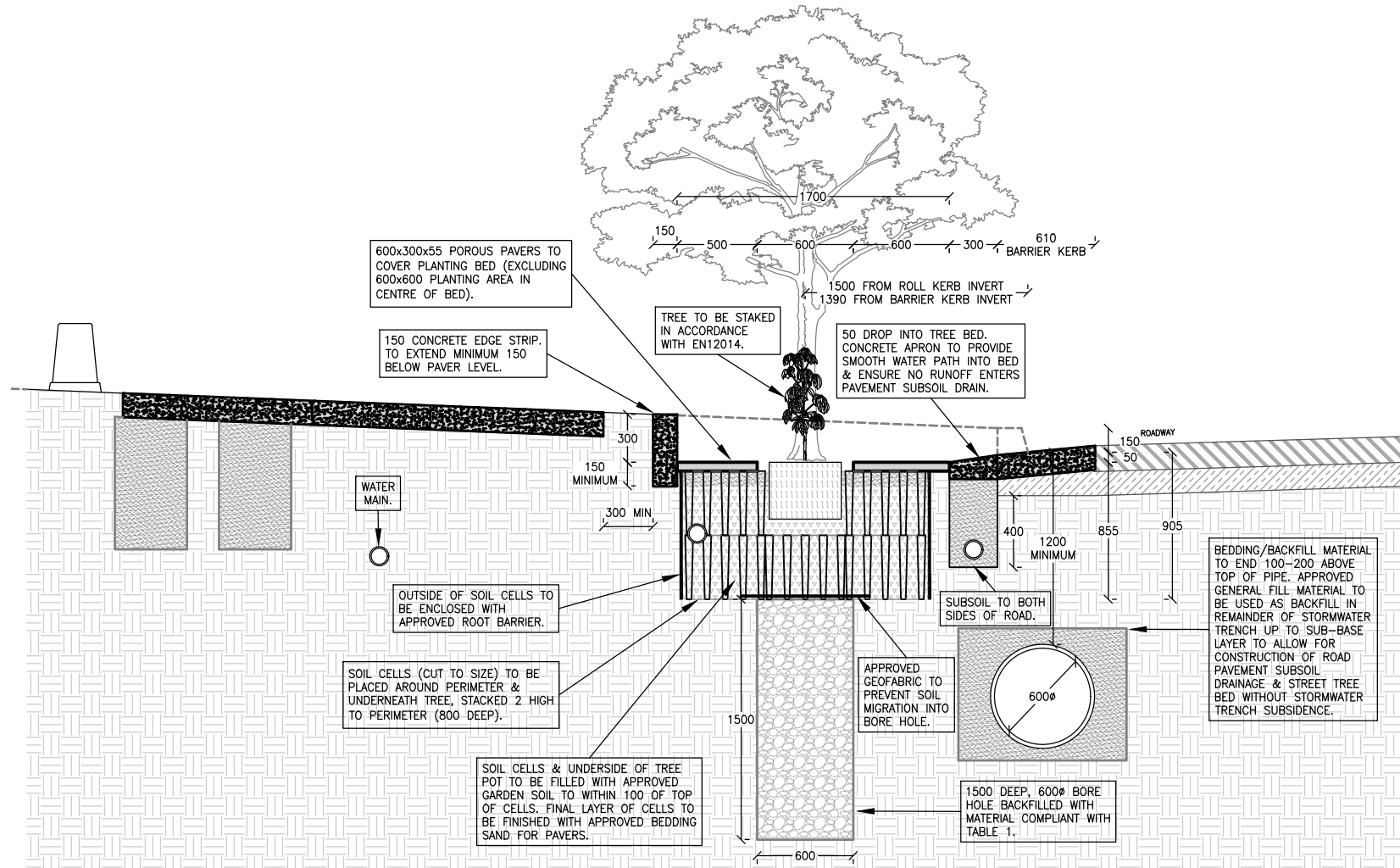
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- SEE EN12014 FOR TREE STAKING DETAILS.
- SEE EN12046 FOR RESIDENTIAL TREE LOCATION DETAILS.

**TABLE 1**

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



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



**6.25m VERGE PASSIVELY IRRIGATED TREE CROSS SECTION  
SCALE 1:20**

CONSULTANT	REV	DESCRIPTION	INITIALS	DATE	SCALES IN METRES (A1)	SURVEYED	CHECKED	PROJECT
	A	ISSUED FOR APPROVAL	MC	21-09-23	1:10 0 0.1 0.2 0.3 0.4 0.5 1:200 0 2 4 6 8 10 1:750 0 7.5 15 22.5 30 37.5			BRC STANDARD PASSIVELY IRRIGATED STREET TREE DETAILS
					1:20 0 0.2 0.4 0.6 0.8 1.0 1:250 0 2.5 5 7.5 10 12.5 1:1000 0 10 20 30 40 50		TECHNICAL SERVICES MANAGER	DESCRIPTION
					1:50 0 0.5 1.0 1.5 2.0 2.5 1:400 0 4 8 12 16 20 1:2000 0 20 40 60 80 100		DIRECTOR ENGINEERING SERVICES	6.25m VERGE DETAILS
CHECKED	APPROVED				1:100 0 1 2 3 4 5 1:500 0 5 10 15 20 25 1:5000 0 50 100 150 200 250	DATE		DWG No.
						21-09-23		EN12045
						DATUM		SHEET No.
								02-03
								REV.
								A



