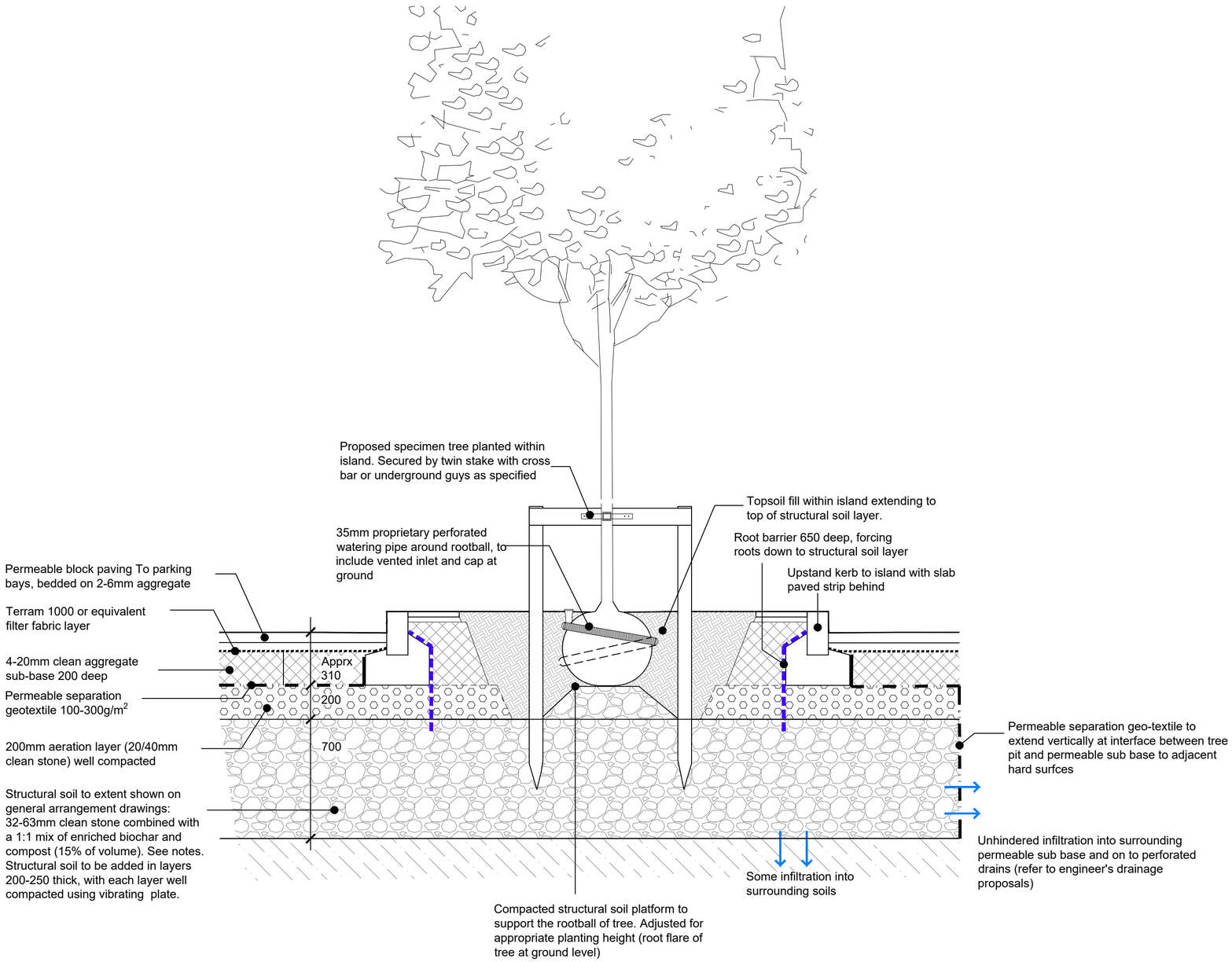


NOTES

Refer to www.stockholmtreepits.co.uk for details and further guidance on creating the tree pits.

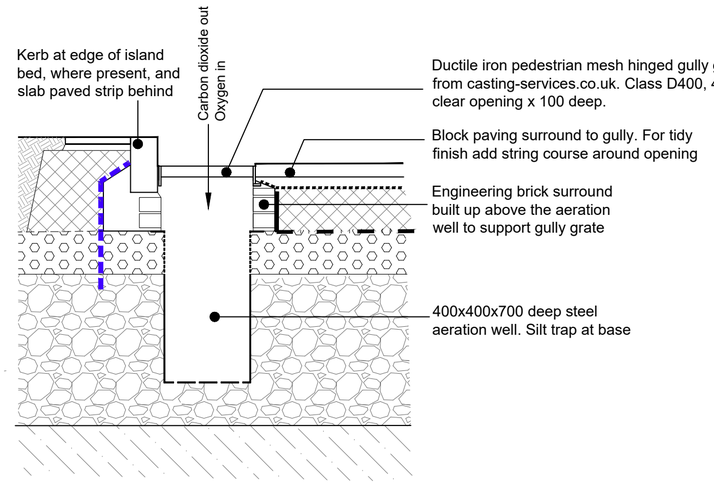
Refer to general arrangement drawings for extent of structural soil and location of aeration wells

Structural soil: To comprise a mix of:

- 85% as 32/63mm hard angular clean stone such as crushed granite, basalt or screened recycled concrete
- 15% as a 1:1 mix of peat free composted green waste (complying with UK PAS 100 scheme) and enriched biochar. (from www.carbongold.com)

Structural soil to be prepared on site using bulk materials and excavator. Mix compost with biochar first and then thoroughly mix into the clean stone. Ideally this mix should be spread within tree pit immediately after mixing and covered to prevent rainfall from washing the compost and biochar through the stone.

Perforated land drain along bottom of tree pits: These are intended to capture any excess build up of ground water. Where one or two trees share a tree pit, install a single pipe for full length of the pit. Where 3 or more trees share a tree pit (e.g outside entrance to RL block) add and connect several land drains to form a network (fan across whole area) across base of pit and coming together at one point to connect into surface water drain system



TYPICAL CROSS-SECTION
THROUGH PARKING BAYS AND PLANTED ISLAND BED 1:20

AERATION WELL - TYPICAL SECTION 1:20

REVISIONS
Rev E: 11-03-2024 - Progressed and issued as S5 drawing, no other changes
P2: 08-12-2023 - Updated following coordination with drainage engineers
P1: 07-11-2023 - Preliminary issue for internal review & coordination

new Leaf STUDIO
CHARTERED LANDSCAPE ARCHITECTS

Client: McCarthy Stone

Project: **Durrington on Sea**

Title: Details: Stockholm Structural Tree Pits

Drg by:	Date:	Scale:
ADFK	11/2023	1:20@A2

Chkd by:	Drg No:	Rev:
	SO-2870-05-LA-MCS759/Drg 04	C1

SUITE 1, 821 BATH ROAD, BRISTOL BS4 5NL Tel: 0117 300 5330