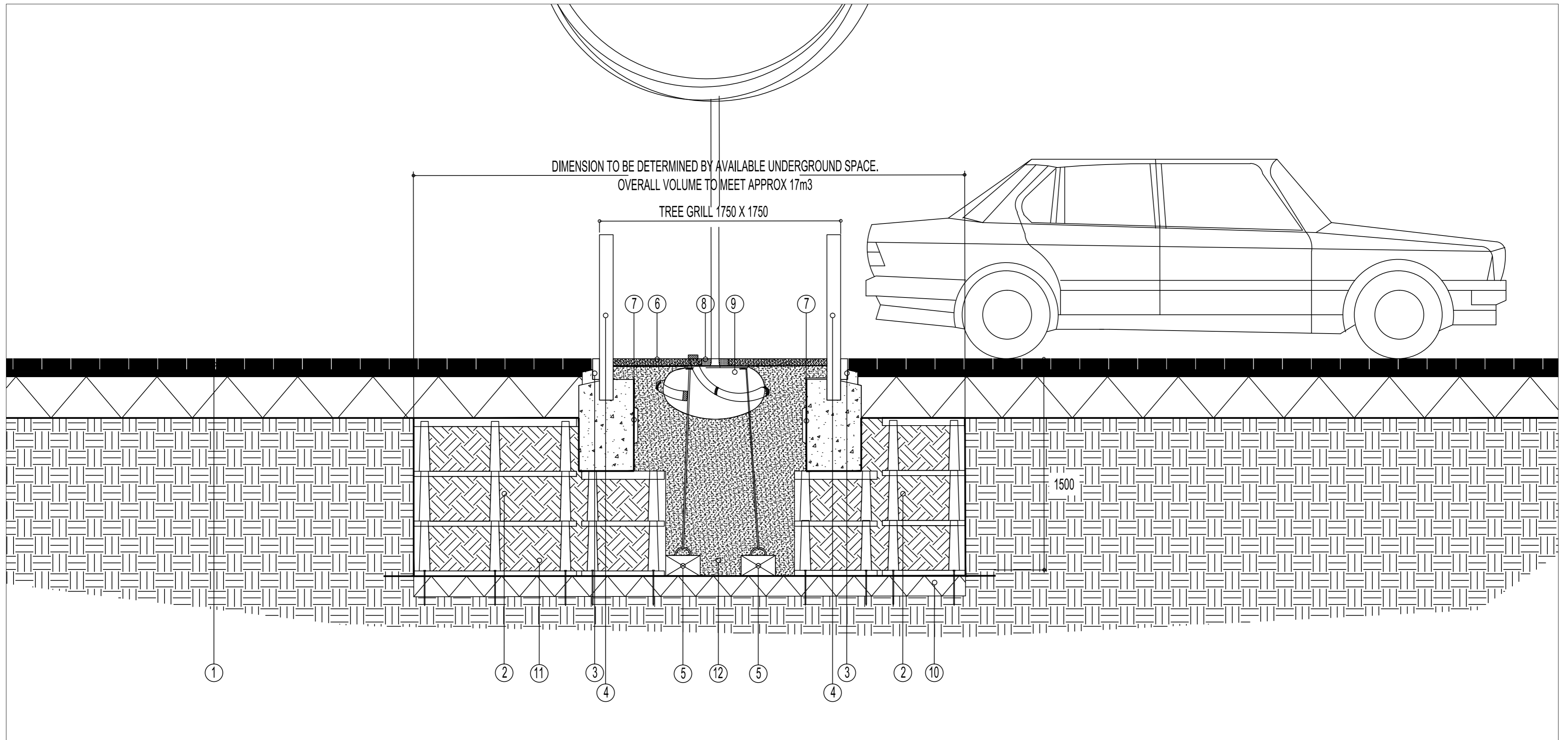


**SECTION DT3** - DETAILED SECTION THROUGH TREE PIT IN HARD WORKS WITH SILVA CELL - Approximate required root volume for *Pyrus calleryana* 'Chanticleer' = 16.956m<sup>3</sup>



- ① PAVING AND BUILD UP TO ARCHITECTS AND ENGINEERS SPECIFICATION
- ② SILVA CELL DIMENSIONS 1200mm X 600mm X 400mm TO BE STACKED THREE HIGH TO PROVIDE SUITABLE PROTECTION FORM SOIL COMPACTION, FOR VOLUME OF EACH TREE TYPE SEE JBA 12 328 02 REV C. ALL ASSEMBLY TO MANUFACTURERS GUIDELINES.
- ③ PCC EDGING- FLAT TOP LAYED UPRIGHT LAID OVER C:20:P MIX CONCRETE STRIP FOOTING, HAUNCHED.
- ④ STAINLESS STEEL BOLLARD, 1000mm OVERALL HEIGHT (INCLUDES 300mm ROOT) FLAT TOP INCLUDING REFLECTIVE BAND (CLASS 1) BX17, HAUNCHED TO ENGINEERS SPECIFICATION. AVAILABLE FROM BROXAP TEL: 0844 800 4085 OR SIMILAR APPROVED
- ⑤ UNDERGROUND GUYING DEADMAN ANCHORS APPROVED TO BS4043
- ⑥ PERMEABLE RESIN BOUND TREE GRILL
- ⑦ ROOT BARRIER RE-ROOT 300 AVAILABLE FROM GREEN BLUE URBAN, TEL. 01424 717797 OR SIMILAR AND APPROVED. TO BE INSTALLED TO MANUFACTURER'S INSTRUCTIONS.
- ⑧ AGGREGATE MULCH, SIZE 6MM TO FINE, CONSOLIDATED TO A DEPTH OF 50MM AND AROUND THE TREE STEM.

- ⑨ PERFORATED PVC WATERING PIPE (60mm Ø) INCLUDING END CAP. TO BE COILED AROUND UPPER HALF OF ROOTBALL, WITH OPEN END AS CLOSE AS POSSIBLE TO TRUNK.
- ⑩ 150mm OF SUITABLE GRANULAR SUB BASE TO ENSURE STABLE PROTECTION TO SILVACELL AS MANUFACTURER RECCOMENDATION (ACCORDING TO CBR VALUES - REFER TO ENGINEER), ALL LAID OVER GEOTEXTILE (TERRAM 1000 OR EQUAL AND APPROVED).
- ⑪ SILVA CELL INFILL AS PER MANUFACTURERS RECCOMENDATION
- ⑫ 'URBAN' AMSTERDAM TREE SOIL INFILL TO TREE PIT. ENSURE FINISHED LEVELS OF TOP SOIL ARE 65mm BELOW THE TOP OF PIT. ENSURE BASE OF PIT IS FORKED OVER TO ENSURE ADEQUATE DRAINAGE. "HORTIBASE CRF (NPK 16-8-12)" SLOW RELEASE FERTILIZER INCORPORATED INTO TOP 100mm OF TOPSOIL.

**GENERAL NOTES**  
 -ALL DIMENSIONS IN MILLIMETRES  
 -DO NOT SCALE OFF THIS DRAWING  
 -ALL DIMENSIONS TO BE CHECKED ON SITE  
 (C)JBA CONSULTANCY SERVICES LTD 2015

REV.	DATE	INITIALS	DETAILS
A	25.06.15	WD	AMENDED TO LPA COMMENTS RECEIVED 12.06.2015

CLIENT LINDEN HOMES	DWG. TITLE DETAILED SECTION THROUGH TREE PIT IN HARD WORKS WITH SILVA CELL
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SITE KINGSMERE, BKESTER						
DRG BY WD	CHECKED JBA	AUTH'D JBA	SCALE 1:20@A2	DATE MAR 2015	DWG NO. JBA 1442-DT3	REV. A

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