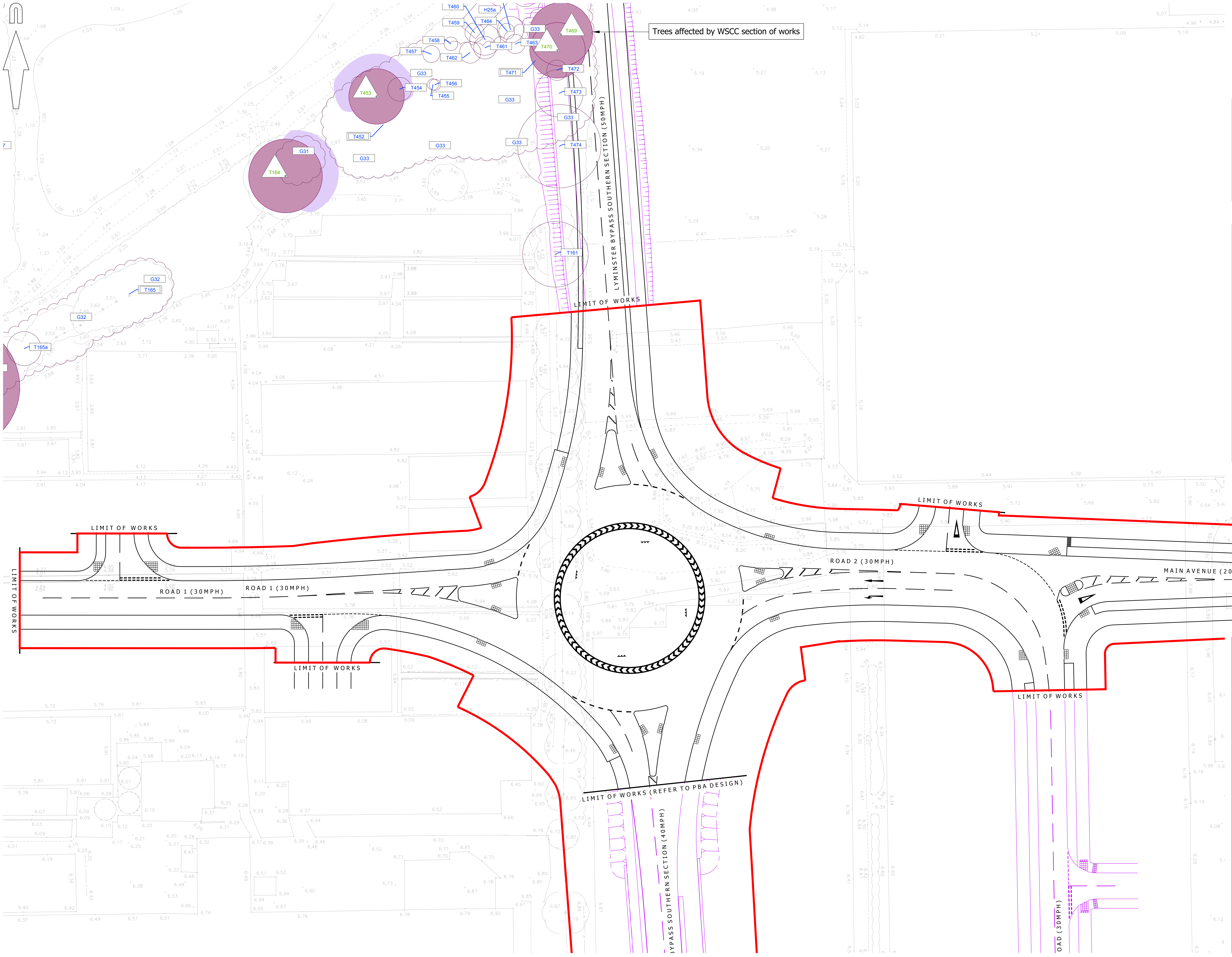

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KEY

───	PROPOSED KERB/EDGING LINE
········	PROPOSED DROPPED KERB
▦	PROPOSED BUFF COLOURED TACTILE PAVING

△ TX	BS category A	Trees of high quality
△ TX	BS category B	Trees of moderate quality
TX	BS category C	Trees of low quality
TX	BS category U	Trees unsuitable for retention
◉	Estimated tree positions not included on original land survey and adjusted crown spreads	

Purpose of this plan and its annotation

This constraints plan provides sufficient information to interpret the tree constraints when designing a new layout. This guidance must be carefully reviewed with the individual tree information provided in the schedule on this plan. If there is any doubt about how to interpret this information, you must check it out with Barrell Tree Consultancy (BTC) on 01425 651470 or info@barrelltreecare.co.uk.

The number of each tree, hedge and group is highlighted in colour to enable quick identification of tree categories. Category A and B trees are green; category C and U trees are blue. The number of each A and B tree is set inside a green triangle; the number of each C and U tree is set inside a blue rectangle. Category A trees are shown with double triangles and U trees are shown with double rectangles. Zone 1, indicating the RPA where no ground disturbance should occur, is annotated with dark shading. Zone 2, indicating where shading, dominance and/or future growth may be an issue, is annotated with light shading.

How to use the constraints information

Our interpretation of the starting-point recommendations of BS 5837(2012) is that only category A and B trees are sufficiently important to influence a layout, so the category C and U trees are discounted in this constraints advice. The constraints that the A and B trees are likely to impose have been assessed as follows:

Zone 1 (dense coloured shading): This is called the root protection area (RPA) where ground disturbance must be carefully controlled. If encroachment is planned within the RPA, then this must be assessed on a tree-by-tree basis by BTC. If important trees are to be successfully retained, no significant disturbance should occur within the RPA and a high level of care is needed when working within it.

Zone 2 (light coloured shading): The second constraint is where shading/dominance/future growth may be an issue and is our estimate of how much space may be needed to retain trees after the development activity when the pressures of residential occupation come to bear. Factors such as crown density, future growth potential, orientation in relation to the sun and the number of trees in groups are considered to arrive at this second, less restrictive, constraints zone. Zone 2 is not normally suitable for occupied buildings, but uninhabited structures and hard surfacing may be acceptable within it.

Zone 3 Nominal RPA radii for category C trees: ○
Low quality only to be considered for retention if there is scope within the layout and they do not compromise the potential to establish new trees of higher future sustainability.

FOR INFORMATION
NOT FOR CONSTRUCTION

rev.	amendment	checked	date
P4	Chevron signing & corduroy paving added following Stage 1 RSA received 13/07/17. (PB)	AB	19/07/2017
P3	Uncontrolled crossing point added at the northern end of the IDR and Red Line added. (OJN)	AB	07/07/2017
P2	Western arm updated and Northern arm amended following meeting with WSCC and Capita. (OJN)	AB	14/06/2017
P1	Initial issue. (OJN)	AB	07/12/2016

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client
PERSIMMON HOMES

project
NORTH LITTLEHAMPTON
SOUTHERN BYPASS WORKS

scale 1:250 | drawn by PB | checked by AB

date NOVEMBER | cad file TR-1 P4 & TR-2 P4.DWG

title
PROPOSED S38/S278 HIGHWAY WORKS
SOUTHERN BYBASS ROUNDABOUT
TREE REMOVAL DRAWING

drawing number A/PHLYM.1/TR-1 | rev. P4

ARUN DISTRICT COUNCIL LU/278/17/RES