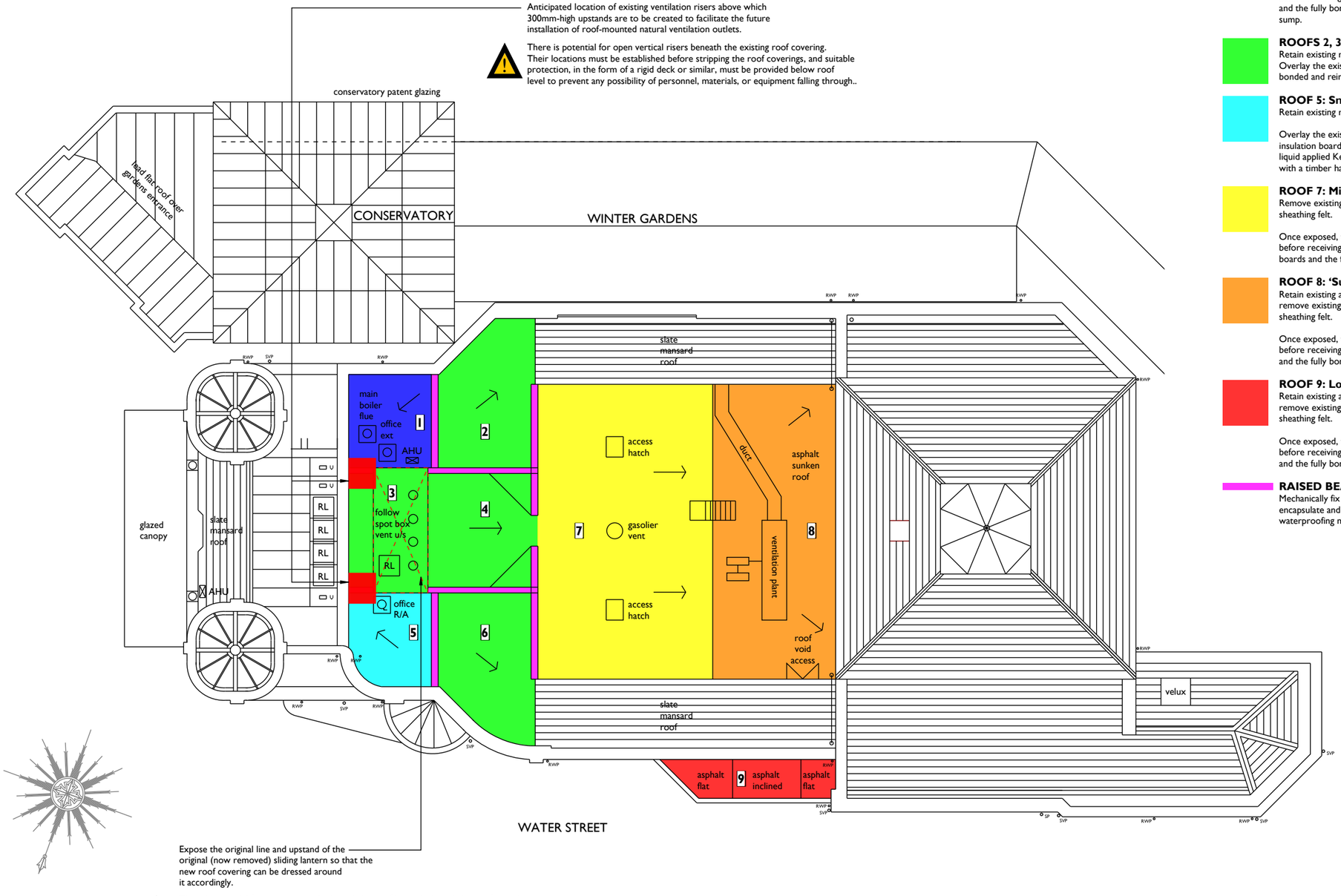


0 5 10

metres (1:200)

Legend

ROOF 1: Small Roof to Front RHS (core sample 6)
Retain existing asphalt roof coverings if possible. However, if the condition is poor, it may be necessary to remove existing mastic asphalt roof coverings, together with thermal insulation and any underlying layers of sheathing felt.

Once exposed, the (original) layer of mastic asphalt is to be inspected, with any necessary repairs undertaken before receiving a new 'warm' roof build-up comprising of tapered PIR based Kempertherm TR insulation boards and the fully bonded and fully reinforced, cold liquid applied Kemperol V210M waterproofing system. Flat 73mm sump.

ROOFS 2, 3, 4 & 6: Upper-roof Smaller Areas (core samples 3, 4, 5 & 7)
Retain existing roof covering, with localised cleaning and preparation.
Overlay the existing roof covering with flat 73mm thick PIR based Kempertherm SR insulation boards and the fully bonded and reinforced, cold liquid applied Kemperol V210M waterproofing system.

ROOF 5: Small Roof to Front LHS (core sample 8)
Retain existing roof covering.

Overlay the existing roof covering with a tapered insulation system comprising PIR based Kempertherm TR insulation boards bonded to the existing asphalt roof coverings and the fully bonded and fully reinforced, cold liquid applied Kemperol V210M waterproofing system. On all exposed edges, new insulation to be terminated with a timber hard-edge 250mm short of the roof edge so as to minimise its visual impact from ground level.

ROOF 7: Mid-level Roof Area (core samples 1 & 2)
Remove existing mastic asphalt roof coverings, together with thermal insulation and any underlying layers of sheathing felt.

Once exposed, the (original) layer of mastic asphalt is to be inspected, with any necessary repairs undertaken before receiving a new 'warm' roof build-up comprising of flat 73mm thick PIR based Kempertherm SR insulation boards and the fully bonded and fully reinforced, cold liquid applied Kemperol V210M waterproofing system.

ROOF 8: 'Sunken' Roof (core samples 9 & 10)
Retain existing asphalt roof coverings if possible. However, if the condition is poor, it may be necessary to remove existing mastic asphalt roof coverings, together with thermal insulation and any underlying layers of sheathing felt.

Once exposed, the (original) layer of mastic asphalt is to be inspected, with any necessary repairs undertaken before receiving a new 'warm' roof build-up comprising of tapered PIR based Kempertherm TR insulation boards and the fully bonded and fully reinforced, cold liquid applied Kemperol V210M waterproofing system.

ROOF 9: Lower Small Roof LHS (not core sampled due to limited access)
Retain existing asphalt roof coverings if possible. However, if the condition is poor, it may be necessary to remove existing mastic asphalt roof coverings, together with thermal insulation and any underlying layers of sheathing felt.

Once exposed, the (original) layer of mastic asphalt is to be inspected, with any necessary repairs undertaken before receiving a new 'warm' roof build-up comprising of tapered PIR based Kempertherm TR insulation boards and the fully bonded and fully reinforced, cold liquid applied Kemperol V210M waterproofing system.

RAISED BEAMS: Generally
Mechanically fix 18mm minimum exterior grade plywood (to BS EN 635 Parts 2 & 3 minimum), so as to fully encapsulate and so provide a smooth, sound and continuous substrate to receive the new Kemperol waterproofing membrane.

Revision	Description	Drawn	Checked	Date
P02	Drawing notes added	pja		23.3.26
P01	Initial issue	pja		29.9.25

Current Status: **S2 - Suitable for Information**

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Project
Buxton Opera House Roof

Drawing Title
Proposed Roof Coverings

Scale	Date	Drawn	Checked
1:200 @ A3	29.09.25	pja	-

Drawing Number: **2430-TAD-ZZ-00-DR-A-PL-0001**
Revision: **P02**

CAD Reference: \xxxx\GDS FILES\xxxx xxx.rpj

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