

DETAILED LAYOUT ROOF PLAN

NOTES:

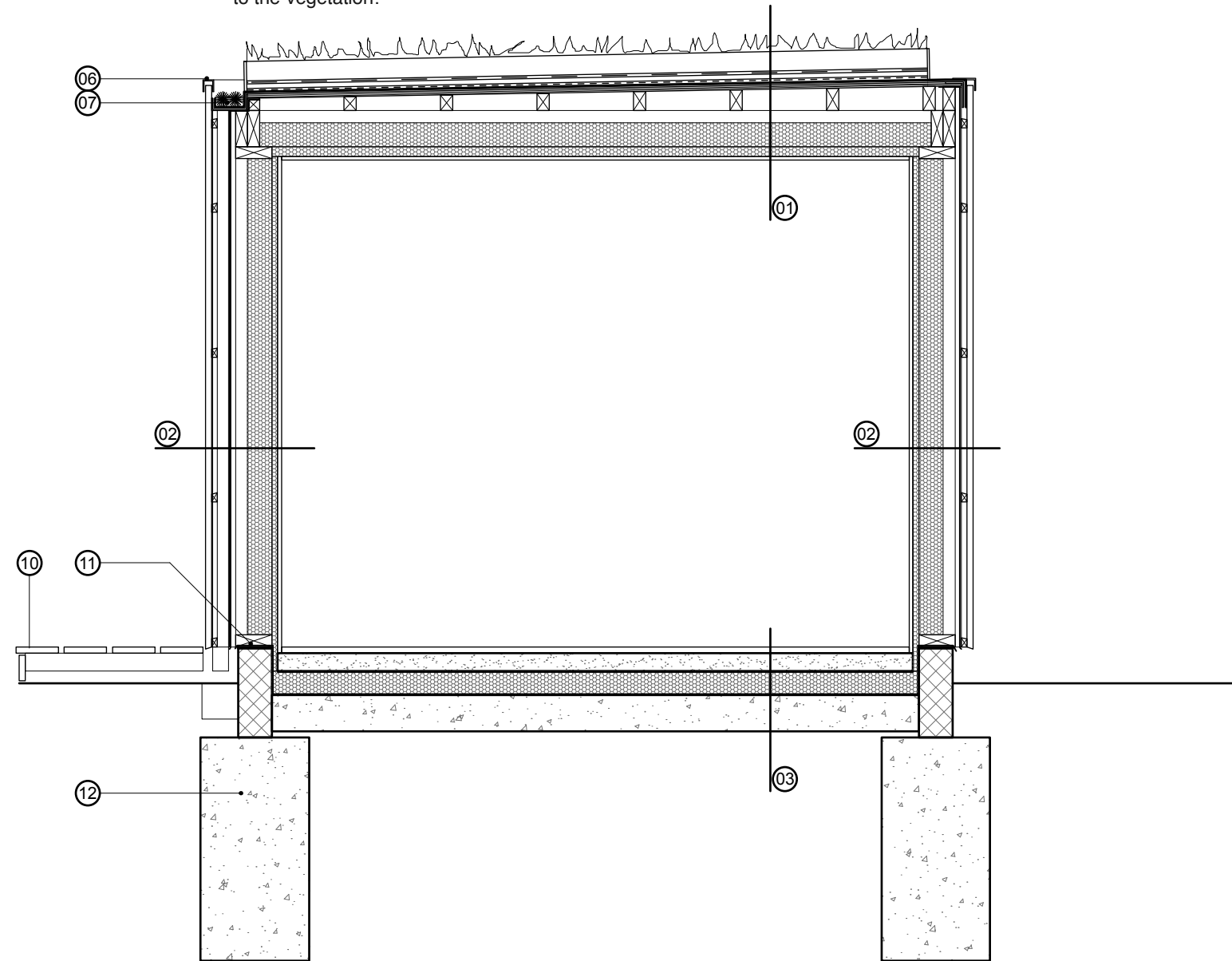
- 01 GARDEN ROOM ROOF CONSTRUCTION (out to in):
 - Bauder Extensive Substrate. Lightweight growing medium, nominal depth 80mm. Manufactured and used in accordance with FLL guidelines
 - Bauder Filter Fleece. Filtration layer prevents substrate fines from washing into the drainage layer
 - Bauder DSE20. Water storage and drainage, 20mm thick
 - Bauder FSM600. 4mm thick protection layer
 - Bauder PE Foil. A polythene foil separation and slip layer manufactured from recycled granules
 - Roof membrane; Kemper System Kemperol 2K-PUR or similar approved by architect
 - 18mm marine ply deck
 - Cross-laid spacing battens to form 1:60 falls
 - Rafters to structural engineer's design, with 100mm Celotex GA4000 insulation board between to lower face
 - Skimmed & painted Celotex PL4040 insulated plasterboard lining to ceiling
- 02 refer to sheet 650 note 01 for wall construction notes
- 03 GARDEN ROOM SLAB CONSTRUCTION (in to out):
 - floor finish
 - 75mm screed
 - 500 gauge polythene separating layer
 - 100mm Celotex EL4000 insulation board
 - 1200 gauge polythene DPM, wrapped up & under wall DPC
 - slab & bearing to structural engineer's design
- 04 rooflight - Glazing Vision 'Flushglaze' or similar approved
- 05 rooflight upstand: formed of 50x75mm framing with 18mm marine ply to outer face; cavity filled with Celotex GA4000 insulation board; inner face lined with Celotex PL4015 insulated plasterboard lining
- 06 powder coated metal trim to top of cladding, colour to match sliding/folding doors
- 07 concealed gutter with gutter brushes
- 08 steel beam to structural engineer's design, web filled with insulation board
- 09 folding sliding door - Sunflex 'SVG-199' or similar approved, with trickle vent
- 10 timber decking; western red cedar boards, grooved & to match wall cladding, on treated timber framing raised off the ground on galvanised deck spikes
- 11 slab DPM to wrap up wall and under DPC; DPC to be min. 150mm above ground level; frost-resistant block below DPC level
- 12 footings to structural engineer's design



Maintenance:

After completion of the installation it will be necessary to keep the substrate and plants damp for a period of at least 4 weeks immediately afterwards for traditional plugs and 10 weeks for native species plugs, and it may be necessary to irrigate for longer than this if installation is followed by a warm, dry spell of weather. To encourage the plants to survive without topical irrigation and harden them ready to survive the winter it is important to start cutting back watering from early September.

The anticipated period of establishment to provide good vegetated cover is at least two full years. The maintenance requirement over this period will depend to a large extent upon the weather experienced through the winter and early spring of each year and should follow our standard extensive and biodiverse green roof maintenance guidelines, excepting where weather conditions have caused significant damage to the vegetation.



SECTION 01

B 30 January 2017 Details of green roof added
A 20 January 2017 Fixed panel moved

For Planning	
MOR 651	Proposed Detailed Garden Building Sections
Scale 1:25 @ A3	50a Mornington Terrace
Mar 2016	
Appleton Weiner	
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