

**Table 7.34:** Critical timing of construction inspections - green roofs.

Construction Sequence Step and Timing	Inspection Item	Observations <sup>1</sup>
<b>During site preparation, prior to BMP installation</b>	Ensure the roof structure is ready for green roof construction work	
	BMP layout area and dimensions match approved design drawings	
	Construction materials have been confirmed to meet design specifications	
<b>After installation of leak detection system (if applicable), prior to installation of water-proofing membrane</b>	Quality control check leak detection system installation	
<b>After installation of water-proofing membrane, prior to installation of root barrier, drainage layer and overflow outlets</b>	Quality control check membrane installation	
	Confirm that slopes conform with approved design drawings	
<b>After installation of root barrier, drainage layer (including filter fabric) and overflow outlets, prior to installation of growing medium layer and plants</b>	Quality control check root barrier and drainage layer installations	
	Installation of drainage layer (e.g., depth and slope) is acceptable	
	Installations of overflow outlets (e.g., elevation and slope) are acceptable	
<b>After installation of filter bed (growing medium layer and plants)</b>	Quality control check installation of any structural components of growing medium layer (if applicable)	
	Installation of growing medium (e.g., depth, elevations at overflow outlets) is acceptable	
	Growing medium is free of ruts, local depressions	
	Planting material meets approved planting plan specifications (plant types and quantities)	
	Quality control check installation of erosion matting/protection (if applicable)	
<b>After installation of irrigation system</b>	Confirm installation is acceptable and system is functioning (through testing)	

Notes:

1. S = Satisfactory; U= Unsatisfactory; NA = Not Applicable