

### 7.3.3 Critical Timing of Construction Inspections

Construction inspections take place during several points in the construction sequence, specific to the type of LID BMP, but at a minimum should be done weekly and include the following:

1. During site preparation, prior to BMP grading to ensure the CDA is stabilized or that adequate ESCs or flow diversion devices are in place and confirm that construction materials meet design specifications;
2. At completion of grading, prior to planting to ensure slopes and elevations are acceptable;
3. Prior to hand-off points in the construction sequence when the contractor responsible for the work changes (i.e., hand-offs between the storm sewer servicing, paving, building and landscaping contractors);
4. After every large storm event (e.g., 15 mm rainfall depth or greater) to ensure ESCs and pretreatment or flow diversion devices are functioning and adequately maintained.

Table 7.15 describes critical points during the construction sequence when inspections should be performed prior to proceeding further. Table 7.15 can also be used as a checklist during Construction inspections, in addition to the Inspection Field Data Forms provided in Appendix C.

**Table 7.15:** *Critical timing of construction inspections - vegetated filter strips and soil amendment areas.*

Construction Sequence Step and Timing	Inspection Item	Observations <sup>1</sup>
<b>Site Preparation – after site clearing and grading, prior to BMP grading</b>	Natural heritage system and tree protection areas remain fenced off	
	ESCs protecting BMP layout area are installed properly	
	CDA is stabilized or runoff is diverted around BMP layout area	
	BMP layout area has been cleared and is staked/delineated	
	Benchmark elevation(s) are established nearby Construction materials have been confirmed to meet design specifications	
<b>BMP Grading - prior to landscaping</b>	Excavation depth, footprint and slope are acceptable	
	Excavated soil is stockpiled outside the CDA	
<b>Landscaping – after final grading, prior to planting</b>	Topsoil depth, degree of compaction and surface elevations at inlets and outlets are acceptable	
	Area is free of ruts, local depressions	
	Planting material meets approved planting plan specifications (plant types and quantities)	

Notes:

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