

AUG 22 2012

Attachment #6

Stormwater Management Checklist

Planning, Assessing,
Zoning & Code Enforcement

<input checked="" type="checkbox"/>	SITE PLAN REVIEW APPLICATION	Project Name	Mast Road Apartments
<input checked="" type="checkbox"/>	Date of Submittal <u>8 / 22 / 2012</u>	Applicant's Name	Peak Campus Development
<input checked="" type="checkbox"/>	Engineer	Joseph M. Persechino, Tighe & Bond	Architect
<input checked="" type="checkbox"/>	New Development		<input type="checkbox"/> Re-Development
<input checked="" type="checkbox"/>	Total Area of Disturbance <u>562,000</u> Square Feet (SF)		
<input type="checkbox"/>	< 10,000 SF and No Water Quality Threat {No Stormwater Management Plan Required}		
<input type="checkbox"/>	< 10,000 SF and Possible Water Quality Threat {Stormwater Management Plan Required}		
<input checked="" type="checkbox"/>	> 10,000 SF {Stormwater Management Plan Required except as provided for in 9.03 (A) with an approved AOT permit}		
STORMWATER MANAGEMENT PLAN – PART I			
<input checked="" type="checkbox"/>	EXISTING CONDITIONS PLAN		
<input checked="" type="checkbox"/>	Title Block, Appropriate Scale, Legend, Datum, Locus Plan, Professional Stamp(s)		
<input checked="" type="checkbox"/>	Topographic Contours and benchmarks		
<input checked="" type="checkbox"/>	Buildings, Structures, Wells, Septic Systems, Utilities		
<input checked="" type="checkbox"/>	Water Bodies, Wetlands, Hydrologic Features, Soil Codes, Buffer Zone		
<input checked="" type="checkbox"/>	Area of Impervious Surface <u>29,028</u> SF		
<input checked="" type="checkbox"/>	Total Area of Pavement <u>24,374</u> SF	Area of Pervious Pavement <u>0</u> SF	
<input checked="" type="checkbox"/>	PROPOSED CONDITIONS PLAN (include above existing and below proposed features)		
<input checked="" type="checkbox"/>	Title Block, Appropriate Scale, Legend, Datums, Locus Plan, Professional Stamp(s)		
<input checked="" type="checkbox"/>	Topographic Contours and benchmarks		
<input checked="" type="checkbox"/>	Buildings, Structures, Wells, Septic Systems, Utilities		
<input checked="" type="checkbox"/>	Water Bodies, Wetlands, Hydrologic Features, Soil Codes, Buffer Zone		
<input checked="" type="checkbox"/>	Impervious Surface Area <u>309,276</u> SF	Impervious Surface Increase <u>280,248</u> SF	
<input checked="" type="checkbox"/>	Total Area of Pavement <u>147,308</u> SF	Area of Pervious Pavement <u>19,123</u> SF	
<input checked="" type="checkbox"/>	Effective Impervious Area (EIA) <u>22,205</u> SF		
<input checked="" type="checkbox"/>	Stormwater Management & Treatment System (Describe System Elements Below)		
<input checked="" type="checkbox"/>	Name of Receiving Waterbody <u>Unnamed Wetland</u>		
<input checked="" type="checkbox"/>	Closed Drain & Catch Basin Network	<input type="checkbox"/> Connected to Town Closed System	
<input checked="" type="checkbox"/>	Detention Structure Types <u>Gravel Wetland, Porous Asphalt, Rain Gardens</u>		
<input type="checkbox"/>	Structural BMP Types _____		
<input checked="" type="checkbox"/>	LID Strategies <u>Gravel wetland, Porous Asphalt, Rain Gardens</u>		
<input type="checkbox"/>	Estimated Value of Parts to be Town Owned and/or Maintained		\$ <u>0</u>
STORMWATER MANAGEMENT PLAN – PART II			

<input checked="" type="checkbox"/>	DRAINAGE ANALYSIS			
	24-Hour Storm Event	Runoff	Pre-Development	Post-Development
<input checked="" type="checkbox"/>	1-inch	Rate	<u>0.06</u> Feet ³ /Sec (CFS)	<u>0.67</u> CFS
<input checked="" type="checkbox"/>	1-inch	Volume	<u>0.039</u> Feet ³ (0.03) (AF)	<u>0.227</u> 0.22 AF
<input checked="" type="checkbox"/>	2-Year	Rate	<u>11.10</u> CFS	<u>11.65</u> CFS
<input checked="" type="checkbox"/>	2-Year	Volume	<u>1.471</u> 1.47 AF	<u>1.956</u> 1.95 AF
<input checked="" type="checkbox"/>	10-Year	Rate	<u>23.21</u> CFS	<u>22.64</u> CFS
<input checked="" type="checkbox"/>	10-Year	Volume	<u>2.939</u> 2.93 AF	<u>3.408</u> 3.40 AF
<input checked="" type="checkbox"/>	25-Year	Rate	<u>32.56</u> CFS	<u>31.67</u> CFS
<input checked="" type="checkbox"/>	25-Year	Volume	<u>4.073</u> 4.07 AF	<u>4.563</u> 4.56 AF
<input checked="" type="checkbox"/>	100-Year	Rate	<u>45.99</u> CFS	<u>49.71</u> CFS
<input checked="" type="checkbox"/>	EROSION & SEDIMENT CONTROL PLAN			
<input checked="" type="checkbox"/>	OTHER PERMITS OR PLANS REQUIRED BY USEPA or NHDES (Where applicable)			
<input checked="" type="checkbox"/>	USEPA Pre- and Post-Construction Stormwater Pollution Prevention Plan			
<input checked="" type="checkbox"/>	NHDES Alteration of Terrain Permit			
<input type="checkbox"/>	Other (Please list) _____			
<input checked="" type="checkbox"/>	OPERATION & MAINTENANCE PLAN			
<input type="checkbox"/>	Need for 3 rd Party Review? YES _____ NO _____			