

Stormwater Management Checklist

for Site Plan Review

REVISED THROUGH 8/14/23

X	SITE PLAN REVIEW APPLICATION	Project Name	121 Tech Site Maintenance Improvements
X	Date of Submittal <u>7 / 6 / 23</u>	Applicant's Name	121 Tech Owner, LLC
X	Engineer	Hayner/Swanson, Inc.	Architect _____
<input type="checkbox"/>	New Development		X Re-Development
X	Total Area of Disturbance 72,000+/- Square Feet (SF)-includes 6,160+/- SF to remove parking spaces		
	< 5,000 SF and No Water Quality Threat {No Stormwater Management Plan Required}		
	<input type="checkbox"/> < 5,000 SF and Possible Water Quality Threat {Stormwater Management Plan Required}		
	X > 5,000 SF {Stormwater Management Plan Required} net 6,995+/- SF pavement reduction		
STORMWATER MANAGEMENT PLAN – PART I			
X	EXISTING CONDITIONS PLAN		
	X	Title Block, Appropriate Scale, Legend, Datum, Locus Plan, Professional Stamp(s)	
	X	Topographic Contours and benchmarks	
	X	Buildings, Structures, Wells, Septic Systems, Utilities	
	X	Water Bodies, Wetlands, Hydrologic Features, Soil Codes, Buffer Zone	
	X	Area of Impervious Surface <u>1,067,520+/-</u> SF	
	X	Total Area of Pavement <u>708,960+/-</u> SF	Area of Pervious Pavement <u>0</u> SF
X	PROPOSED CONDITIONS PLAN (include above existing and below proposed features)		
	X	Title Block, Appropriate Scale, Legend, Datums, Locus Plan, Professional Stamp(s)	
	X	Topographic Contours and benchmarks	
	X	Buildings, Structures, Wells, Septic Systems, Utilities	
	X	Water Bodies, Wetlands, Hydrologic Features, Soil Codes, Buffer Zone	
	X	Impervious Surface Area <u>1,060,525+/-</u> SF	Impervious Surface Decrease <u>6,995+/-</u> SF
	X	Total Area of Pavement <u>701,965+/-</u> SF	Area of Pervious Pavement <u>5,230+/-</u> SF
	X	Effective Impervious Area (EIA) <u>0</u> SF	
	X	Stormwater Management & Treatment System (Describe System Elements Below)	
	X	Name of Receiving Waterbody <u>Oyster River</u>	
	X	Closed Drain & Catch Basin Network	<input type="checkbox"/> Connected to Town Closed System N/A
	X	Detention Structure Types <u>Existing detention ponds and detention basins.</u>	
	X	Structural BMP Types <u>Existing Stormceptor Unit, deep sump drainage structures with gas hoods</u>	
	X	LID Strategies <u>Permeable pavers, bioretention area enhancements.</u>	

	<input type="checkbox"/>	Estimated Value of Parts to be Town Owned and/or Maintained N/A	\$ _____	
STORMWATER MANAGEMENT PLAN – PART II				
X	DRAINAGE ANALYSIS Combined results of HydroCAD analysis of SMA 1, SMA 2, and SMA 3			
	24-Hour Storm Event	Runoff	Pre-Development	Post-Development
X	1-inch	Rate	<u>0.03</u> Feet ³ /Sec (CFS)	<u>0.00</u> CFS
X	1-inch	Volume	<u>261</u> Feet ³ (CF)	<u>0</u> CF
X	2-Year	Rate	<u>1.44</u> CFS	<u>0.00</u> CFS
X	2-Year	Volume	<u>5,880</u> CF	<u>0</u> CF
X	10-Year	Rate	<u>3.52</u> CFS	<u>0.00</u> CFS
X	10-Year	Volume	<u>13,983</u> CF	<u>0</u> CF
X	25-Year	Rate	<u>5.64</u> CFS	<u>0.00</u> CFS
X	25-Year	Volume	<u>21,824</u> CF	<u>0.00</u> CF
X	100-Year	Rate	<u>9.95</u> CFS	<u>0.77</u> CFS
X	EROSION & SEDIMENT CONTROL PLAN			
X	OTHER PERMITS OR PLANS REQUIRED BY USEPA or NHDES (Where applicable)			
	X	USEPA Pre- and Post-Construction Stormwater Pollution Prevention Plan		
	<input type="checkbox"/>	NHDES Alteration of Terrain Permit		
	<input type="checkbox"/>	Other (Please list) _____		
X	OPERATION & MAINTENANCE PLAN			
<input type="checkbox"/>	Need for 3rd Party Review? YES _____ NO _____			