

ENGINEERING AND ENVIRONMENTAL SERVICES

Stormwater Division

201 E. Main Street, 5th Floor, Durham, NC 27701 Telephone (919) 560-0739 Fax (919) 560-0740

STORMWATER CONSTRUCTION DRAWING SUBMITTAL CHECKLIST

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Project Name:			Phase:		
Project Address:					
PIN:					
Legal	Name	e of Owner:			
Owne	r Con	Phone:			
		dress:			
			Phone:		
Desig	n Con	ntact Email:			
	CLIE	DANITTAL DECLUDEAGENTS			
II.	306	BMITTAL REQUIREMENTS			
		General Submittal Requirements			
		Sign and seal of North Carolina Professional En	gineer		
		North arrow, graphic scale, drafting version da	te		
		Boundary of entire parcel, including project lim	nits		
		Stormwater Construction Drawing Submittal C	hecklist		
		Stormwater Control Measure Design Summary	Worksheets (if applicable)		
		Cover Sheet			
		Location/Vicinity Map			
		Existing, demolished and proposed impervious	surface area		
		Project name, project address, PIN Number			
		Stormwater Regulatory Basin (Jordan, Falls, Ne	euse)		
		Watershed Protection Overlay designation			
		Land Disturbance Area			
		Approval Case Numbers			
		Conditions of Approval			
		Title "Durham County Stormwater Submittal"			
		Existing Conditions Plan			
		Existing structures, buildings, and impervious	surfaces		
		Existing contours of intervals of two (2) feet of	or less		

	Delineation of current FEMA Flood Hazard boundaries
	Delineation of all Riparian Buffers
	Existing Stormwater networks including pipes and structures
	Existing utility services
	Existing environmental features, ditches, wetlands, water bodies, forest
	Demolition Plan
	Identify trees to be removed
	Identify impervious area to be removed
	Show limit of disturbance
	Identify utility abandonment or removal
	Include sawcut limits
	Identify buildings to be demolished
	Site Plan
	Proposed improvements including buildings, roads, sidewalks
	Show limits of disturbance
	Proposed Stormwater easements
	Location and type of all proposed Stormwater Control Measures
	Grading and Drainage Plan
	Proposed contours of intervals of two (2) feet or less and spot elevations
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		Stormwater I	mpact Analy	/sis				
		Signature, Date and Professional Seal of North Carolina PE						
		Copy of Durham County Soils map with site location						
		Narrative describing existing conditions, proposed project improvements and						
		stormwater compliance methods						
		Drainage area maps (existing and proposed) with discharge analysis points and time of						
		concentration						
				e and north a				
		Sub-basins delineated for pre- and post-development conditions with acreage						
		Analysis po	ints clearly id	entified and l	abeled			
		Segmented Segmented	TR-55 time o	f concentrati	on flow paths	showing ea	ch segment	
		Copy of USGS 7	7.5 Minute Qւ	uad Map with	site location			
		Routing of all S	tormwater d	evices				
		Nutrient calcul	ations (nitrog	en and phosp	phorous, if ap	plicable)		
		If floodplain or	•	•		od elevations	provided as	well as
		copy of floodpl			-			
		Summary of Re		d in the follo	wing format (see example	below)	
E		Summary of Res						
	Discharg Point		Post-	Pre-	Post-	Pre-	Post-	Detention
	Point	Developed 1-year	Developed 1-year	Developed 2-year	Developed 2-year	Developed 10-year	Developed 10-year	Required? (Yes/No)
		discharge	discharge	discharge	discharge	discharge	discharge	(103)110)
			_	_	_	_	_	
_								
		Administrativ	e Items Rec	uired				
		Administrativ			See			
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		Falls Lake Basin Requirements				
		Note: If a single family, detached and duplex residential development, or recreational				
		facility disturbs < 0.5 acre or a multi-residential development or a commercial,				
		industrial, or institutional facility disturbs < 12,000 square feet then all items below are				
		N/A.				
		Pre- and post-development nitrogen / phosphorous calculations using the Jordan Falls				
		Lake Stormwater Nutrient Accounting Tool or SNAP tool.				
		Offsite reduction calculations (if necessary). Site plan will not be approved until payment				
		is verified in the form of a receipt.				
		Redevelopment calculation nutrient loading (if necessary).				
		Lower Neuse Basin Requirements				
	Note: If a single family, detached and duplex residential development, o					
		facility disturbs ≤ 1 acre or a multi-residential development or a commercial, industrial,				
		or institutional facility disturbs ≤ 0.5 acres then all items below are N/A.				
	Ш	Pre- and post-development nitrogen calculations using Durham County Nitrogen				
		Calculation Tables.				
	Ш	Nitrogen buydown calculations (if necessary). Site plan will not be approved until				
		payment is verified in the form of a receipt.				
Ш		Water Supply Watershed Requirements				
		Indicate the water supply watershed overlay district(s) the project is located within.				
		Circle all that apply: F/J-A, F/J-B, E-A, E-B, M/LR-A, M/LR-B				
		Provided BMP for 85% TSS removal or narrative explaining why it is not provided				
		BMP Provided:				
		Not required				
		BMP benefits: 85% TSS Removal Other				
		Bivii belielits 6570 155 Nellioval otile!				
IV /	ENIC	INICED CERTIFICATION				
IV.	ENG	INEER CERTIFICATION				
	I,, certify the information in this form is accurate to the best of m					
	knov	knowledge.				
	Engi	Engineer Name:				
		ngineer Contact Email:				
		ngineer Contact Phone Number:				
	_	gineer Professional Seal:				
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