CITY OF STEAMBOAT SPRINGS ENGINEERING STANDARDS

Standard Form No. 5 Drainage and Stormwater Treatment Scope Approval Form

Prior to starting a development plan and before the first drainage submittal, a Drainage and Stormwater Treatment Scope Approval Form must be submitted for review and signed by the City Engineer. A signed form shall also be included in every drainage submittal as Attachment A. This Scope Approval Form is for City requirements only. Values may be approximate. The City encourages supporting calculations and figures to be attached.

Project Information			
Project name:	SSRC Detention	n Basin	
Project location: 1965 SKI TIME S		SQUARE DR	
Developer name/contact info:	SSRC - Jim Schneider 970.871.5381		
Drainage engineer name/contact info:	Rebecca Lindeman, PE 303.517.8189		
Application Type:	Scope Approval		
Proposed Land Use:	Commercial		
Project Site Parameters			
Total parcel area (acres):		1.59 (93223015, 1333177001), basin is 2.78ac	
Disturbed area (acres):		0	
Existing impervious area (acres, if applicable):		0.72ac Pavement; 0.12ac Gravel	
Proposed new impervious area (acres):		0.84ac, 33%	
Proposed total impervious area (acres):		0.84ac, 33%	
Proposed number of project outfalls:		1	
Number of additional parking spaces:		0	
Description and site percentage of existing cover/land use(s):		Parking, laydown areas and associated vegetation Pavement (0.79ac), Gravel (0.12ac), Low quality vegetation (1.94ac)	
Description and site percentage of proposed cover/land use(s):		Unchanged	
Expected maximum proposed conveyance gradient (%):		Ex. sheet flow 11.5%	
Description of size (acres) and cover/land use(s) of offsite areas draining to the site		ski hill access and vegetated areas, 1.19ac	

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Type of Study Required: Drainage Letter Final Drainage Study	Conceptual Drainage Study Stormwater Quality Plan Required			
Hydrologic Evaluation: Rational Method CUHP/SWMM	HEC-HMS Other			
Project Drainage				
Number of subbasins to be evaluated:	1			
Presence of pass through flow (circle):	YES NO			
Description of proposed stormwater conveyance on site:	Construct stormwater quality feature - detention basin			
Project includes roadway conveyance as part of design evaluation (circle):	YES NO			
Description of conveyance of site runoff downstream of site, identify any infrastructure noted in Stormwater Master Plan noted as lacking capacity for minor or major storm event:	Storm infrastructure exists N, S and E of basin. South of basin drains via sheet flow to Burgess Creek			
Detention expected onsite (circle):	YES NO			
Presence of Floodway or Floodplain on site (circle):	YES NO			
Anticipated modification of Floodway or Floodplain proposed (circle):	YES NO			
Describe culvert or storm sewer conveyance evaluative method:				
Permanent Stormwater Treatment Facility Design Standard (check all that apply with only one standard per tributary basin):				
■ WQCV Standard				
Constrained Redevelopment WQCV Standard				
Constrained Redevelopment TSS Standard				
Constrained Redevelopment Infiltration Standard				
Does not Require Permanent Stormwater Treatment (attach Exclusion Tracking Form)				

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Project Permanent Stormwater Treatment		
Justification of choice of proposed design standard, including how the site meets the constrained redevelopment standard, infiltration test results, etc.:	WQCV used for basin volume calculation of detention basin; replacement of previous basin at the site	
Concept-level permanent stormwater treatment facility design details (type, location of facilities, proprietary structure selection, treatment train concept, etc.):	Forebay with EDB, outlet piped to Burgess Creek existing MH or open flow area	
Proposed LID measures to reduce runoff volume:	ESB with forebay accomplishes runoff reduction	
Will treatment evaluation include off-site, pass through flow (circle):	YES NO	

Approvals 3/23/22 303.517.8189 Rebecca Lindeman, PE, Jardon Engineering & Inspections Phone number Prepared By: Date (Insert drainage engineer name & firm) **APPROVED** Approved By: to be generally in accordance with **CITY ENGINEERING** Printed Name: **STANDARDS** Date City Engineer 04/21/2022