

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 Basin
Project location:	1965 SKI TIME 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 (%):	<b>Ex. sheet flow 11.5%</b>
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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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 <b>NO</b>

**Approvals**

Rebecca Lindeman, PE, Jardon Engineering & Inspections      **3/23/22**      **303.517.8189**

Prepared By: \_\_\_\_\_ Date \_\_\_\_\_ Phone number \_\_\_\_\_  
 (Insert drainage engineer name & firm)

Approved By: \_\_\_\_\_

**APPROVED**  
 to be generally in  
 accordance with  
**CITY ENGINEERING**  
**STANDARDS**  
  
**04/21/2022**

Printed Name: \_\_\_\_\_ Date \_\_\_\_\_  
 City Engineer