

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:	Bridge Lane Townhomes (final name TBD)
Project location:	1940 & 1960 Bridge Lane, Steamboat Springs, CO
Developer name/contact info:	Bridge Lane Reality, danskymac69@gmail.com
Drainage engineer name/contact info:	Walter Magill, PE 970-871-1161
Application Type:	Development Plan
Proposed Land Use:	Residential Housing
Project Site Parameters	
Total parcel area (acres):	2.17
Disturbed area (acres):	1.3
Existing impervious area (acres, if applicable):	~0.25
Proposed new impervious area (acres):	~0.75
Proposed total impervious area (acres):	~1.0
Proposed number of project outfalls:	2
Number of additional parking spaces:	±31
Description and site percentage of existing cover/land use(s):	The site has multiple live/work units and work spaces already constructed on the adjacent property. The existing site is vacant with the core trail along the northeast property line.
Description and site percentage of proposed cover/land use(s):	The development will propose residential units dispersed through four buildings with access drive, parking and infrastructure.
Expected maximum proposed conveyance gradient (%):	7%
Description of size (acres) and cover/land use(s) of offsite areas draining to the site	No offsite areas appear to drain to the site.

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Type of Study Required:

- ☐ Drainage Letter
 ☐ Conceptual Drainage Study
☒ Final Drainage Study
 ☒ Stormwater Quality Plan

Hydrologic Evaluation:

- ☒ Rational Method
 ☐ CUHP/SWMM
 ☐ HEC-HMS
 ☐ Other _____

Project Drainage	
Number of subbasins to be evaluated:	3-6
Presence of pass through flow (circle):	YES ☒ NO
Description of proposed stormwater conveyance on site:	Sheet flow, storm sewer and swales as needed to convey water to the proposed ponds and outfalls.
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:	Various grass swales and culverts, eventually out to Yampa River, which is in close proximity along the southern property line.
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:	mannings

Permanent Stormwater Treatment Facility Design Standard (check all that apply with only one standard per tributary basin):

- ☒ WQCV Standard
 ☐ TSS Standard
 ☐ Infiltration 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.:	Water quality will be handled through a porous landscape detention pond on site.
Concept-level permanent stormwater treatment facility design details (type, location of facilities, proprietary structure selection, treatment train concept, etc.):	To be determined with final report.
Proposed LID measures to reduce runoff volume:	None
Will treatment evaluation include off-site, pass through flow (circle):	YES NO N/A

Approvals

Walter Magill, PE Four Points Engineering **12/12/2024** **970-819-1161**

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

Approved By: Approved By
City Engineering
01/08/2025

Printed Name: _____ Date _____
 City Engineer