

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:	Gorman Riverview, Lot B & Lot E
Project location:	Lot B & Lot E, Downtown Riverview Subdivision
Developer name/contact info:	Lot B: Riverview Steamboat LLC, 1060 Bannock St, Ste 305, Denver, CO 80202 Lot E: Riverview West LLC, 1060 Bannock St, Ste 305, Denver, CO 80202
Drainage engineer name/contact info:	Landmark Consultants, Inc, C/O Ryan Spaustat 970-819-2742, ryans@landmark-co.com
Application Type:	Development Plan
Proposed Land Use:	Multifamily residential
Project Site Parameters	
Total parcel area (acres):	0.89 Acres
Disturbed area (acres):	0.89 Acres
Existing impervious area (acres, if applicable):	0.19 Acres
Proposed new impervious area (acres):	0.69 Acres
Proposed total impervious area (acres):	0.88 Acres
Proposed number of project outfalls:	2 (1 outfall Lot B, 1 outfall Lot E)
Number of additional parking spaces:	15 new on street, parallel (proposed in PUD)
Description and site percentage of existing cover/land use(s):	The parcel is occupied by existing concrete sidewalk, existing compacted base sidewalk, and vegetated depression.
Description and site percentage of proposed cover/land use(s):	Lot B: Proposed construction of 29,100 SF multifamily residential structure w/ internal parking and additional parallel parking on loop road. Lot E: Proposed construction of 18,060 SF multifamily residential structure w/ internal parking.
Expected maximum proposed conveyance gradient (%):	No new overlot grading associated with the project.
Description of size (acres) and cover/land use(s) of offsite areas draining to the site	RE: Final Drainage Study for Riverview, Preliminary Plat/PUD, FDP Subzone C, October 8th, 2018 by Landmark Consultants, Inc. attached

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Type of Study Required:

- ☐ Drainage Letter
☐ Final Drainage Study

☐ Conceptual Drainage Study
☐ Stormwater Quality Plan

Hydrologic Evaluation:

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

Project Drainage	
Number of subbasins to be evaluated:	RE: Final Drainage Study for Riverview, Preliminary Plat/PUD, FDP Subzone C, October 8th, 2018 by Landmark Consultants, Inc. attached
Presence of pass through flow (circle):	<input checked="" type="checkbox"/> YES NO
Description of proposed stormwater conveyance on site:	RE: Final Drainage Study for Riverview, Preliminary Plat/PUD, FDP Subzone C, October 8th, 2018 by Landmark Consultants, Inc. attached
Project includes roadway conveyance as part of design evaluation (circle):	<input checked="" type="checkbox"/> 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:	RE: Final Drainage Study for Riverview, Preliminary Plat/PUD, FDP Subzone C, October 8th, 2018 by Landmark Consultants, Inc. attached
Detention expected onsite (circle):	YES <input checked="" type="checkbox"/> NO
Presence of Floodway or Floodplain on site (circle):	YES <input checked="" type="checkbox"/> NO
Anticipated modification of Floodway or Floodplain proposed (circle):	YES <input checked="" type="checkbox"/> NO
Describe culvert or storm sewer conveyance evaluative method:	RE: Final Drainage Study for Riverview, Preliminary Plat/PUD, FDP Subzone C, October 8th, 2018 by Landmark Consultants, Inc. attached

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)

Existing structures sufficient for treatment:
 Water Quality Structure CDS 4045-8
 Water Quality Structure CDS 2025-5

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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.:	RE: Final Drainage Study for Riverview, Preliminary Plat/PUD, FDP Subzone C, October 8th, 2018 by Landmark Consultants, Inc. attached
Concept-level permanent stormwater treatment facility design details (type, location of facilities, proprietary structure selection, treatment train concept, etc.):	Existing structures sufficient for treatment: Water Quality Structure CDS 4045-8 Water Quality Structure CDS 2025-5 RE: Final Drainage Study for Riverview, Preliminary Plat/PUD, FDP Subzone C, October 8th, 2018 by Landmark Consultants, Inc. attached
Proposed LID measures to reduce runoff volume:	N/A
Will treatment evaluation include off-site, pass through flow (circle):	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px 10px;">YES</div> <div>NO</div> </div>

Approvals

Ryan Spaustat, Landmark Consultants, Inc 5/19/23 970-819-2742

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

Printed Name: City Engineer	Date
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