

DRAINAGE REPORT SUBMITTAL REQUIREMENTS

SOUTH BEEBE DRAW METROPOLITAN DISTRICT

8301 E. Prentice Avenue, Suite 100, Greenwood Village, Colorado 80111

NOTE: DRAINAGE DESIGN SHALL CONFORM TO THE CURRENT URBAN DRAINAGE AND FLOOD CONTROL DISTRICT (UDFCD) CRITERIA MANUAL.

PLEASE VISIT www.udfcd.org FOR DETAILS.

AT A MINIMUM, EACH SUBMITTAL SHALL CONTAIN THE FOLLOWING INFORMATION PRIOR TO ISSUANCE OF THE DISTRICT'S FINAL APPROVAL LETTER. FOR EFFICIENT PLANNING, THE DISTRICT STRONGLY RECOMMENDS THAT APPLICANTS ADDRESS CONCEPTUAL DRAINAGE AND CONFORMNCE WITH THE MASTER DRAINAGE PLAN PRIOR TO SUBMITTAL OF PRELIMINARY PLAT.

DRAINAGE REPORT CONTENT SUMMARY	Comment
Cover Sheet	
Project Name	
Project Address	
Owner Name, Address and Contact Information	
Developer Name, Address and Contact Information	
Engineer Name, Address and Contact Information	
Submittal Date and Revision Dates	
1.0 Introduction	
1.1 Site Location	
Site Vicinity Map	
Township, Range, Section and Quarter Section	
Existing and Proposed Streets / Roadways / Highways Adjacent to Development	
1.2 Description of Property (Existing Conditions)	
Property Area	
Existing Zoning and Land Use	
Existing Site Conditions Including:	
Geologic Features	
Irrigation Facilities, Wetlands, Lakes, Streams, etc.	
1.3 Project Description (Proposed Conditions)	
Project Area	
Proposed Zoning and Land Use	
Description of Proposed Project	
2.0 Drainage Basins and Sub-Basins	
Provide a Narrative Describing How the Project Conforms with the Applicable Drainage Studies, particularly the Master Plan, and Provide an Explanation for any Requested Variance	
State the Overall Proposed Site Imperviousness and Total Project Area	
State the Total Proposed Impervious Surface	
3.0 Stormwater Conveyance or Storage Facilities	
3.1 Specific Details Including the Following:	
Existing Stormwater Conveyance Facilities That Will Be:	
Incorporated Into the Design	
Incorporated Into the Design With Modifications	
Rebuilt or Abandoned	
Proposed Stormwater Conveyance Facilities That Will Be:	
Incorporated Into the Design	
Maintenance Responsibility	
4.0 Drainage Plan Requirements	
Title Block and Legend	
Show Project Site Boundaries	
Show and Label Existing Streets / Roadways / Highways	
Show Location and Elevation of Existing and Proposed 100-Year Floodplain Boundaries, Including the Sources of Information	
Show Existing and Proposed Drainage Basins, Including Offsite Basins and Include the Following:	
Basin Designations	
Design Points	
Basin Areas and Runoff Coefficients	
Basin Flow Arrows	
Show and Label Existing and Proposed Stormwater Facilities Including:	
Irrigation Ditches	
Roadside Swales	
Open Channels and Drainageways	
Storm Sewers / Culverts (Including Invert Information, Sizes, Slopes, Material, etc.)	
Detention Ponds and Outlet Structures (Including Water Surface Elevations, Peak Outflow Information)	
Water Quality Features	
Show and Label Outfall Points	
Summary of Proposed Peak Runoff Table	
5.0 For All Resubmittals	
Summary letter of previous District comments, and manner in which they were addressed	