



July 26, 2024

City of Aurora
Drainage Division
15151 E. Alameda Parkway, Suite 2300
Aurora, Colorado 80012
Planning and Zoning

**Re: 450 S. Chambers Road
Drainage Conformance**

To Whom It May Concern:

The project proposed at 450 Chambers is a small change to the exterior of the building to replace landscape, parking and drive aisle with landscape and concrete for a playground. This letter is to demonstrate that the volume of runoff will not increase and that the drainage patterns will remain unchanged.

Currently, storm water that reaches the surface of the area runs from the building toward the east overland until it is intercepted by the eastern gutter of the driveline. From this point flows drain south to a rundown and thence into Tollgate Creek. In the proposed condition it will continue to do the same. Although portions of the playground runoff will be collected at inlets, the inlets will discharge the flows to the flowline of the driveline where they will drain as sheet flow to the eastern curbline.

The revised area will reduce the impervious coverage by 648 ft +/- and replace it with pervious playground surfaces. As such, the amount of runoff during all storms will be reduced.

In conclusion, as this project will reduce the runoff volume and not change the drainage basin flow characteristics, we respectfully request that this letter satisfy the drainage conformance requirements for this minor project.

Please let us know if you have any additional needs as you analyze this request or if you have any questions.

Sincerely,
ROTH LANG ENGINEERING GROUP, LLC

Kevin S. Roth, P.E.

