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DRAINAGE REPORT FOR

**WASHOE HOUSE – ACCESSORY PARKING AND PAVING
2840 ROBLAR ROAD**

July 27, 2020

Owner's Information:

Washoe House
2840 Roblar Road
Petaluma, CA 94952

Existing Site Description:

The project is located at 2840 Roblar Road, on the easterly most section of a 8.4 acre parcel. The scope of work is to install two accessible parking stalls and paving 4446 square feet of existing rocked parking area. The parcel slopes westerly toward Washoe Creek which runs through the lot, about 400 feet from the edge of the parking lot. The parcel is gently sloping toward Washoe Creek - westerly sloping from the parking area to the creek with an elevation change of approximately 15 feet. from the edge of Stony Point Road to the creek there is approximately 20 feet of elevation change in a horizontal distance of 730 feet.

Our evaluation is that the parking area is a combination of paved and rocked surface and the new paving area will be over the existing rocked area that is already considered impermeable. The area to the west of the parking area is a grassy meadow that has the septic lines for the Washoe House and will not be developed as long as the property is serviced by an onsite sewage disposal system.

The post paving runoff is should be the same as the existing condition and the westerly meadow will continue to serve as a vegetation buffer zone between the parking area and Washoe Creek.

Conclusion: We feel that our evaluation of the post project drainage demonstrates that the existing drainage characteristics will not be altered at the conclusion of the parking pavement project.

Sincerely,

Austen Dow
Project Manager
Empire Asphalt and Engineering Co., INC