

# MOLZEN CORBIN

December 18, 2020

Ms. Tandy Freel  
Vice President  
Bohannon Huston, Inc.  
7500 Jefferson St. NE  
Albuquerque, New Mexico 87109

**RE: Sunport Boulevard Extension Broadway to I-25  
Drainage Report Amendment**

BHI161-11

Dear Ms. Freel:

This above-referenced Drainage Report was completed with consistent coordination between Molzen Corbin and representatives from the City of Albuquerque, Bernalillo County, and the New Mexico Department of Transportation (NMDOT). The Drainage Report was approved prior to various design changes which occurred in the summer of 2020 as a result of notification that infiltration would not be preferred at the site of the Detention Pond southeast of the Broadway / Sunport intersection. The following design modifications were completed:

- An impervious high density polyethylene (HDPE) membrane liner was added to the Detention Pond to prevent infiltration at the detention pond site.
- The detention pond previously had 1-foot between the invert of the pond and the outlet invert elevation as part of a stormwater treatment concept. With the addition of the impervious liner, the detention pond was modified by raising the invert of the pond to the invert of the outlet. The geometry of the detention pond volume geometry was slightly modified to increase the volume of the detention pond, so that the changes in hydraulic grade lines would be nominal.
- The modifications to the detention pond prevent the detention pond from providing a Water Quality Retention Volume or being able to infiltrate. So, special manholes with the capability of hydrodynamic separation with sediment removal, were added at both inlets to the detention pond.

The following pages within the original approved report have been revised and replaced:

- Cover Page (Date changed from "December 2019" to "December 2020".)
- Engineer of Record (Re-stamped and re-dated.)
- Table of Contents, Page TOC-2, Sheet Numbers changed between 60% and 100% Plans:
  - Appendix A (Updated Series 10 Drawing Sheets.)
  - Appendix C (Updated Arid Lands Hydrology Model [AHYMO] Data based on detention pond modifications.)
  - Appendix D (Updated Pond Elevation-Storage-Discharge Table for the modified Detention Pond.)

Please let Mr. Kevin W. Eades, P.E., Vice President or myself know if you have any questions or concerns.

Sincerely,

MOLZEN CORBIN



Jonah Ruybalid  
P.E., CFM

JR:scc