



February 16, 2023

City of Albuquerque - Hydrology
Planning Department, Development Review Services
Attn: Tiequan Chen, P.E., Principal Engineer, Hydrology

RE: Manzano Mesa Pickleball Courts, Ph. II
501 Elizabeth St. SE, Albuquerque, NM 87123
Hydrology File L21D037B2

Dear Mr. Chen,

Attached with this letter are the revised Grading and Drainage Plan and Calculations for the referenced project. Revisions are based on your review comments dated February 14, 2023 as follows:

1. Calculations are updated to the current DPM data based on Precipitation Zone 3.
2. Drainage basin information (delineation and calculations) are added on Sheet CG-501.
3. SWQV calculations have been updated to use 0.42" for new development.
 - a. SWQ pond volume has been maximized to accommodate future impervious areas. The emergency overflow weir (called out at 10' wide with erosion protection). This is for emergency purposes and is not intended as a spillway unless the storm drain system does not function or the design storm is exceeded.
 - b. The existing SWQ ponding provided with Phase 1 included excess volume (approx. 1,000 cf.) A portion of this volume will be utilized for Basin 2 required SWQV.
4. Information has been added to the plan showing top / bottom of pond elevations and areas as well as side slope information.
5. The northern ponds have been relabeled 'water harvesting / sediment control' and are to be integrated into the natural landscape. No specific volume is required. Side slopes and depth are called out. In the future, if additional SWQV is required, these can be formally graded for that purpose.

Please don't hesitate to call me with any additional questions or comments.

Sincerely,

Bryan J Bobrick

Bryan J. Bobrick – Project Manager
ISAACSON & ARFMAN, INC.