**EXHIBIT**

*Drainage and Detention*

*Summary Tables*

Last Revised on August 27, 2024

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| **TEMPLATE - Drainage & Detention Summary Tables** |
|  |  |  |  |  |
| **A.** | **Pre-Development (Existing)**  | **Areas (acres)** | **Areas (%)** |  |
|  | Total Project Tract Site |   |   |  |
|  | Impervious |   |   |  |
|  | Pervious |   |   |  |
|  |  **Total**  | **0** | **0%** |  |
|  |  |  |  |  |
| **B.** | **Post-Development (Assumed Ultimate)** | **Areas (acres)** | **Areas (%)** |  |
|  | Building |   |   |  |
|  | Parking Area |   |   |  |
|  | Water acreage (i.e., detention ponds (dry or wet), lakes, channels, and roadside ditches (use the area within the top of bank)Shall to be considered Impervious |   |   |  |
|  | Other Impervious (assumed) |   |   |  |
|  | Pervious |   |   |  |
|  |  **Total**  |  | **0%** |  |
|  |  |  |  |  |
| **C.** | **DRAINAGE AREAS** | **Pre-Development (Existing)** | **Post-Development (Proposed)** |  |
|  | 5-yr (acres) |   |   |  |
|  | A. 100-yr (acres) |   |   |  |
|  | B. 100-yr OFF-SITE\* (acres)\*All OFF-SITE sheet flow from adjacent properties and/or areas beyond the tract must be identified, properly accounted for, and mitigated as part of the project.  |   |   |  |
|  | Total 100-yr (acres) [A + B]  |   |   |  |

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| **D.** | **Storm Frequencies**(includes Off-site Areas) | **5-yr (20%)** | **25-yr (4%)** | **100-yr (1%)** |
| Total Peak Flow Rate (cfs) | **Pre-Development (Existing)**Max. Allowable Outflow |   |   |   |
| **Post-Development (Proposed)**BEFORE Detention/Restrictor |   |  |   |
| **Post-Development (Proposed)**WITH Detention/Restrictor (from detention basin) |   |   |   |
| **Flow Results** | **Post < PreOK** | **Post < PreOK** | **Post < PreOK** |
| Elevation (1988 NGVD, 2001 Adj.) | Lowest Natural or Finished Ground Elevation Estimate |   |
| Lowest Finish Floor Elevation (FFE) of Existing/Proposed building(s) |   |
| Maximum Allowable Water Surface Elevation Based on: |   |
| Design Water Surface Elevation |   |   |   |
| Water Surface Elevation Calculated |   |   |   |
| Detention Basin Storage | \*100-yr Detention Basin Storage **Required** (ac-ft) |   |   |   |
| 100-yr Detention Basin Storage **Provided** (ac-ft) |   |   |   |
| 100-yr Detention Basin Storage Rate **Provided** (acre-feet/acre) |   |   |   |
| *\*Provide calculations in Drainage Report and Plans* |  |  |  |
| Outflow Structure | If applicable - Restrictor Size (ft or ft2) |   |
| Outflow Pipe Size (ft or ft2) |   |
| Outflow Velocity (ft/second) |   |   |   |
| Gravity Outfall Rate Provided (cfs) |   |   |   |
| Explain tail water/HGL used from roadside ditch for 5 & 100-yr to calculate your discharge rate |   |
| The existing channel/ roadside ditch's full bank capacity (open channel hydraulics)  |   |   |   |
| Outflow Velocity into existing channel/roadside ditches (ft/ second) |   |   |   |
| If applicable - % Pumped discharge volume (ac-ft) |   |   |   |
| If applicable - Weir Description (type, size, elevation, etc.) |   |
| Drain Time 100-yr only (hours) |   |   |   |
| Emergency Overflow (type, size, elevation, etc.) |   |
| **E.** | **Detention Stage/Storage – Summary Table\*If using a pump - add Stage/Discharge** |
| **Elevation** | **Area (SF)** | **Incremental Storage Volume in cubic ft** | **Cumulative Storage in cubic ft** | **Converted Cumulative Storage to ac-ft** | **Critical Elevations/ Note** | **Gravity or Pumped** |
| 42 |   |   |   |   |   | Pumped |
| 42.17 |   |   |   |   | Typical Pool (for wet ponds) | Pumped |
| 43 |   |   |   |   |   | Pumped |
| 44 |   |   |   |   |   | Pumped |
| 44.45 |   |   |   |   |   | Gravity |
| 45 |   |   |   |   | 5-yr WSE  | Gravity |
| 45.51 |   |   |   |   |   | Gravity |
| 46 |   |   |   |   |  25-yr WSE | Gravity |
| 47 |   |   |   |   | 100-yr WSE | Gravity |
| 47.6 |   |   |   |   | Emergency spillway/ overflow weir | Gravity |
| 48 |   |   |   |   | Pond Top(1-ft freeboard from 100-yr WSE) |   |

if proposing **multiple detention ponds**, please include the summary table below.

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| **Detention Storage Provided For Project Area** |
| **Project Name** | **Pond Name** | **Section OneProposed Detention (acre-ft)** | **Ultimate ConditionProposed Detention (acre-ft)** |
| **Project "XXX"** |  |  |   |
|  |  |   |
|  |  |   |
|   | **TOTAL** | **140.682** |  |

If proposing **multiple projects**, please include the summary table below:

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| **Applied Detention Summary** |
| **Project Name** | **Acreage (acres)** | **Impervious Cover (acres)** | **Applied Detention (acre-ft)** | **Remaining Detention (acre-ft)** |
| **Project "A"** |  |  |  |  |
| **Project "B"** |  |  |  |  |
| **Project "C"** |  |  |  |  |