Attachment D – Major Development Stormwater Summary

General Information

1. Project Name: Ben Hur Brunswick, LLC
2. Municipality: North Brunswick County: Middlesex Block(s): 148 Lot(s):5.03
3. Site Location (State Plane Coordinates – NAD83): E: 489271 N: 582646
4. Date of Final Approval for Construction by Municipality: TBD
   Date of Certificate of Occupancy: TBD
5. Project Type (check all that apply):
   Residential ☐ Commercial ☐ Industrial ☑ Other (please specify) _____
6. Soil Conservation District Project Number: 2022-0072
7. Did project require an NJDEP Land Use Permit? Yes ◉ No ○ Land Use Permit #: 1215-06-0003.1 – LUP220001
8. Did project require the use of any mitigation measures? Yes ○ No ◉
   If yes, which standard was mitigated? _____

Site Design Specifications

1. Area of Disturbance (acres): 1.9 AC Area of Proposed Impervious (acres): 9.4 AC (existing)
2. List all Hydrologic Soil Groups: EkaAr, FavAr, NkrA, RehA, UR
3. Please Identify the Amount of Each Best Management Practices (BMPs) Utilized in Design Below:
   Bioretention Systems ___ Constructed Wetlands ___ Dry Wells ___ Extended Detention Basins ___
   Infiltration Basins ___ Combination Infiltration/Detention Basins ___ Manufactured Treatment Devices___
   Pervious Paving Systems ___ Sand Filters ___ Vegetative Filter Strips ___ Wet Ponds ___
   Grass Swales ___ Subsurface Gravel Wetlands ___ Other N/A

Storm Event Information

Storm Event - Rainfall (inches and duration): 2 yr.: 3.35 in/ 24 hr 10 yr.: 5.12 in/ 24 hr
100 yr.: 8.63 in/ 24 hr WQDS: 1.25 in/ 2 hr

Runoff Computation Method:
NRCS: Dimensionless Unit Hydrograph ☐ NRCS: Delmarva Unit Hydrograph ☑ Rational ☐ Modified Rational ☐
Other: _____

Basin Specifications (answer all that apply)

If more than one basin, attach multiple sheets

1. Type of Basin: ~~N/A - no stormwater basins proposed~~ Surface/Subsurface (select one): Surface ○ Subsurface ○
2. Owner (select one):
   ○ Public ○ Private: If so, Name: Phone number:
3. Basin Construction Completion Date:
4. Drain Down Time (hr.):
5. Design Soil Permeability (in./hr.):
6. Seasonal High Water Table Depth from Bottom of Basin (ft.): Date Obtained:
7. Groundwater Recharge Methodology (select one): 2 Year Difference ○ NJGRS ○ Other ○ NA ○
8. Groundwater Mounding Analysis (select one): Yes ○ No ○ If, Yes Methodology Used:
9. Maintenance Plan Submitted: Yes ○ No ○ Is the Basin Deed Restricted: Yes ○ No ○

Comments: Because the project decreases the amount of impervious coverage, no new stormwater management basins are required.

Name of Person Filling Out This Form: Ryan McDermott, PE Signature: _____

Title: Principal - Dynamic Engineering Consultants, PC Date: 8/30/2022