

Attachment D – Major Development Stormwater Summary

General Information			
1. Project Name: Preliminary and Final Major Site Plan - Shrewsbury Manor, Inc.			
2. Municipality: Red Bank	County: Monmouth	Block(s): 5	Lot(s): 5, 6.01, 8 & 9.02
3. Site Location (State Plane Coordinates – NAD83): E: 553,441.2957 N: 611,006.5461			
4. Date of Final Approval for Construction by Municipality: Date of Certificate of Occupancy:			
5. Project Type (circle all that apply): Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Other (please specify) _____			
6. Soil Conservation District Project Number:			
7. Did project require NJDEP Land Use Permit? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Land Use Permit #:			
8. Did project require the use of any mitigation measures? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, which standard was mitigated?			

Site Design Specifications	
1. Area of Disturbance (acres): 0.94 Ac.	Area of Proposed Impervious (acres): 0.62 Ac.
2. List all Hydrologic Soil Groups:	
3. Please Identify the Amount of Each Best Management Practices (BMPs) Utilized in Design Below: Bioretention Systems ___ Constructed Wetlands ___ Dry Wells <input checked="" type="checkbox"/> 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 _____	

Storm Event Information			
Storm Event: Rainfall (inches and duration)	2 yr.: 3.35 in / 24 Hr	10 yr.: 5.12 in / 24 Hr	WQ DS: 1.25 in
100 yr.: 8.63 in / 24 Hr			
Runoff Computation Method (circle one): NRCS: Dimensionless Unit Hydrograph NRCS: Delmarva Unit Hydrograph <input checked="" type="checkbox"/> Rational Modified Rational Other: _____			

Basin Specifications (answer all that apply) <small>*If more than one basin, attach multiple sheets*</small>	
1. Type of Basin: N/A	Surface/Subsurface (circle one)
2. Owner (circle 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 (circle one): 2 Year Difference _____ NJGRS _____ Other _____ NA _____	
8. Groundwater Mounding Analysis (circle one): Yes _____ No _____ If, Yes Methodology Used: _____	
9. Maintenance Plan Submitted: Yes _____ No _____ Is the Basin Deed Restricted: Yes _____ No _____	

Comments: _____

Name of Person Filling Out This Form: William T. Wentzien, P.E., C.M.E.

Signature: 

Title: President

Date: 04/09/2021

Basin Specifications (answer all that apply)

If more than one basin, attach multiple sheets

10. Type of Basin:	Surface/Subsurface (circle one)		
11. Owner (circle one):	Public	Private: If so, Name:	Phone number:
12. Basin Construction Completion Date:			
13. Drain Down Time (hr.):			
14. Design Soil Permeability (in./hr.):			
15. Seasonal High Water Table Depth from Bottom of Basin (ft.):	Date Obtained:		
16. Groundwater Recharge Methodology (circle one):	2 Year Difference	NJGRS	Other NA
17. Groundwater Mounding Analysis (circle one):	Yes	No	If, Yes Methodology Used:
18. Maintenance Plan Submitted:	Yes	No	Is the Basin Deed Restricted: Yes No

Basin Specifications (answer all that apply)

If more than one basin, attach multiple sheets

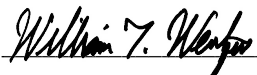
19. Type of Basin:	Surface/Subsurface (circle one)		
20. Owner (circle one):	Public	Private: If so, Name:	Phone number:
21. Basin Construction Completion Date:			
22. Drain Down Time (hr.):			
23. Design Soil Permeability (in./hr.):			
24. Seasonal High Water Table Depth from Bottom of Basin (ft.):	Date Obtained:		
25. Groundwater Recharge Methodology (circle one):	2 Year Difference	NJGRS	Other NA
26. Groundwater Mounding Analysis (circle one):	Yes	No	If, Yes Methodology Used:
27. Maintenance Plan Submitted:	Yes	No	Is the Basin Deed Restricted: Yes No

Basin Specifications (answer all that apply)

If more than one basin, attach multiple sheets

28. Type of Basin:	Surface/Subsurface (circle one)		
29. Owner (circle one):	Public	Private: If so, Name:	Phone number:
30. Basin Construction Completion Date:			
31. Drain Down Time (hr.):			
32. Design Soil Permeability (in./hr.):			
33. Seasonal High Water Table Depth from Bottom of Basin (ft.):	Date Obtained:		
34. Groundwater Recharge Methodology (circle one):	2 Year Difference	NJGRS	Other NA
35. Groundwater Mounding Analysis (circle one):	Yes	No	If, Yes Methodology Used:
36. Maintenance Plan Submitted:	Yes	No	Is the Basin Deed Restricted: Yes No

Name of Person Filling Out This Form: William T. Wentzien, P.E., C.M.E.

Signature: 

Title: President

Date: 04/09/2021