

TOWN OF BROWNSBURG STORMWATER/DRAINAGE PLAN REVIEW

CO Comment Originator
CR Comment Respondee

NAME OF PROJECT: Reserve at Ronald Reagan Infrastructure Phase 1
DESIGN PACKAGE: Development
DESIGNER: Banning Engineering

		Wessler - Reviewer to complete		Designer to complete	
No.	PAGE/SHEET REFERENCE	CO	COMMENT	CR	RESPONSE
1	Flood routing	RS	Evaluate stormwater ponding and overflow path routing for Ch. 151.21 I. Show the overland flow path, hatching for ponded areas with peak elevation, and where the flood route terminates.		Ponding & Overflow Path has been evaluated (see plan sheet C114)
2	Impervious Surface Area	RS	Please provide the total amount of impervious surface area in square feet for the completed project on the Title page of the plans. In addition to the total, provide a breakdown of total compacted gravel, total concrete/asphalt and total building footprint (in square feet). This is used for stormwater utility billing.		Impervious surface has been added to the title sheet including a breakdown of the compacted gravel, asphalt, and concrete.
3	HSG	RS	For post development calcs use the next less infiltrating class. e.g. HSG B would be HSG C, HSG C would be HSG D.		Completed in original report (see page 42 in report)
4	Emergency Spillway	RS	It is not clear that the E.S. is sized to carry 125% of the peak flow of the 100-yr event.		107.1 inflow x 1.25 = 134 (see page 81 in report)
5	Water Quality	RS	The Town updated the water quality flow rate methodology in April of 2024. Refer to chapter 151.23 for the current methodology.		Calculations for the updated water quality has been provided in the revised report
6	Outlet Detail	RS	The minimum toewall for outlets into ponds is 36 inches. The Town's detail only shows 24" so please add a note that states for pipe incoming to ponds the minimum is 36 inches.		A note has been added to the detail accordingly.
7	Storm Sewer	RS	Include storm sewer calculations in the drainage report. Refer to chapter 151.20B(2)(f). Also include calcs for the culvert at Str 102-Str100.		Completed in original report (see page 82 in report)
8	Inlets Capacity	RS	Include calcs for inlets showing capacity to receive the 10-yr storm flow when 50% clogged.		Completed in original report (see page 88 in report)
These comments should not be construed as a comprehensive list of comments, and the reviewer may make additional comments based on subsequent submittals					