

TOWN OF BROWNSBURG STORMWATER/DRAINAGE PLAN REVIEW

CO Comment Originator
CR Comment Respondee

NAME OF PROJECT: Compass and Key
DESIGN PACKAGE: Primary Plat
DESIGNER: Terra Site Development

		Wessler - Reviewer to complete		Designer to complete	
No.	PAGE/SHEET REFERENCE	CO	COMMENT	CR	RESPONSE
1	HGL	RS	HGL for the 10-yr event appears to be above the crown of the pipe in some places. Include calculations for the 25-yr HGL showing it remains below the casting.	KS	We confirmed the 100-yr HGL is below the casting. see attached calcs.
2	Flood routing	RS	For development plans, evaluate stormwater ponding and overflow path routing for Ch. 151.21 I.	KS	These were added; see C310-C311
3	Pre-Cast Storm Message	RS	A pre-cast storm message is required on all inlet grates.	KS	Added to C400
4	Post-construction stormwater quality	RS	Refer to Ch. 151.23 for post-construction water quality flow rate requirements. The methodology was updated in April 2024. (Note: 30 minute minimum Tc for water quality flow rate calculations)	KS	Updated calcs attached; revised SQU and flow rates on C400 and C610
5	Utility Crossings	RS	The plan view shows utilities crossing the proposed storm line. Show these utilities in the storm profile. Minimum 18 inch separation is required.	KS	Crossings are shown and labeled; conc collar is called out as needed.
6	Details and specifications	RS	Refer to the Town's Standard Details and Specifications when developing Construction Plans.	KS	Acknowledged
7	Pipe Cover	RS	Pipe cover appears to be less than 2 feet in several places.	KS	Corrected on C600-C603
8	Detention Design	RS	Minimum Tc is to be 30 minutes. For the post dev calculations must use the next less infiltrating class for soil. e.g. HSG C soil - use HSG D for the post calcs	KS	Design and Drainage Report are updated with addl storage.
9	Impervious Surface Area	RS	For projects that are not single family homes, please provide the total amount of impervious surface area in square feet for the completed project. 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.	KS	revised C200.
10	Inspection Ports	RS	Inspection ports (minimum 10-inch diameter) are required to access each chamber of the underground detention.	KS	Detention system modified; C650-C651
11	Flow Arrows	RS	Include flow arrows for surface and subsurface flow on the plans.	KS	Added C300-C301
12	Construction Details	RS	Verify that all components shown on the Town's standard details are present on the details shown on the plans.	KS	See C800-C803
13	Culverts	RS	Culverts are to be sized based on the 25-yr event. The 100-yr event must be contained within the drainage easement.	KS	Attached calcs.
14	Swale	RS	Include calculations in the drainage report. Refer to Ch 151.21E. for requirements.	KS	Attached calcs.
15	Emergency Spillway	RS	Emergency flow from the detention facility shall be sized to carry 125% of the 100 yr flow.	KS	Attached calcs.

These comments should not be construed as a comprehensive list of comments, and the reviewer may make additional comments based on subsequent submittals