

PATRICK HARRON AND ASSOCIATES COMMENT REVIEW TRACKING FORM

Project: Forest Creek Estates, Lot 4; 5202 Forest Ave SE Mercer Island, WA 98040

Comment No.	Sheet No.	Date	Comment By	City Comment	PHA Response
1	C1.0	12/15/2020	RD	This is the control structure for the existing city detention system. The discharge from the private detention system cannot connect to the control structure. The discharge point must be downstream of the control structure. Please show the existing drainage system downstream of this system.	An additional structure added downstream of the existing city detention system control structure.
2	C1.0	12/14/2020	JK	10 ft	N/A Comment provided for scale bar check.
3	C1.0	12/14/2020	RD	The existing water meter cannot reused, as it was installed prior to 2014 prior to Federal No-Lead Law. The new water meter and water service can be located at the same location. Please revised the note.	Noted in Water Callout #8.
4	C1.0	12/14/2020	JK	3. (From Intake for Civil) Show all tree information shown on A1.2. on civil sheet C1.0. Or put all civil layer on tree plan. Utilities must be outside of tree protection zone. And over excavation for detention to not encroach into area. Call this out.	Revised critical areas and easment callouts note #1 as follows: <i>"Native growth protection area (NGPA) buffer. All utilities must remain outside of NGPA buffer. Over excavation for detention pipe shall not encroach into area. "</i>
5	C1.0	12/14/2020	RD	Please show the invert elevation at the side sewer stub out, the sewer invert elevation at the building, and the detail connection between the house and the existing stub out, any cleanouts,etc.	Will comply. Will add additional information including slopes and lengths to new sewer design.
6	C1.0	12/14/2020	RD	Do you have a footing drain for this house? If so, please provide the design.	Yes, this house does have footing drains. We have provided the connection to our storm system, however the footing drainage system itself has been detailed by the structural engineer. Storm Callout #3 has been revised as follows: <i>"4" FOOTING DRAIN SYSTEM TO EXTEND AROUND BUILDING PERIMETER. LOWEST IE TO BE 105.2. CONNECT TO 8" STORM SYSTEM ONSITE PER PLAN @ 2% MIN. REFER TO STRUCTURAL PLANS FOR FOOTING DRAIN DETAILS. "</i>

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7	C1.0	12/14/2020	RD	Is there a drainage system associated with those walls? If so, please provide design.	<p>Yes, this property does have retaining wall drains. We have provided the connection to our storm system, however the footing drainage system itself has been detailed by the structural engineer.</p> <p>Storm Callout #4 has been revised as follows: <i>"4" PERFORATED WALL FOOTING DRAIN SYSTEM TO CONNECT TO 8" STORM SYSTEM AT 2% MIN. AT APPROXIMATE LOCATION SHOWN. REFER TO STRUCTURAL PLANS FOR WALL FOOTING DRAIN DETAILS."</i></p> <p>Invert elevations at proposed connections have been called out.</p>
8	C1.0	12/14/2020	RD	Please remove all work on lot 3	Done.