City of Puyallup
Engineering Division
333 S. Meridian, Puyallup, WA 98371
(253) 864-4165
www.cityofpuyallup.org

Permit Review Correction Letter

Permit Application #PRCCP20241123

September 20, 2024

The City has completed the review of the above-mentioned permit submittal. All your review comments, conditions, and redlined plans can be found on the City's permit portal. Redlined plans can be found on the City's Permit Portal in the "Reviews" section under "Documents Returned for Corrections". Below please find the permit submittal review comments from your review team and re-submittal instructions. Should you have any questions regarding the review comments, please contact the plan reviewer associated with the comment listed below.

Re-submittal Instructions

To resubmit, you must address all comments and upload a Correction Response Letter that states how the corrections have been addressed in your resubmitted documents. Avoid using "upload additional docs" unless there is NO submittal item available for your document. Please Note: If you have any questions about how to resubmit, please contact the permit center.

1. Log in to your permits portal and navigate to the status page for this permit under the "My Items" tab by selecting the "Upload Submittals" button under the permit number.

2. For each submittal item listed re-submit a new version of the submittal item by clicking the "New Version" button next to the file name of the original file submitted. DO NOT click the 'browse' button unless the document you are submitting for that submittal item is not a new version of the originally submitted document. Click 'Upload Documents' at bottom of the page.

3. If any re-submittal fees have been assessed, you will need to pay your resubmittal fee at the time of resubmittal. Your resubmittal will not be processed until the fee has been paid.

Corrections

Corrections to be addressed on the next set of resubmitted plans:

Engineering Civil Review	**Sam Morman**	**(253)841-5411**	**SMorman@PuyallupWA.gov**

- Estimate of cost will be reviewed in resubmittal. Please update the estimate after addressing all other review comments. Ensure that the estimate has both on-site and off-site improvements split up. All work in the right of way falls into the off-site category. [Cost Estimate, 1]
- Update [SWPPP, pg 11]
- Add BMP C140: Dust Control
[SWPPP, pg 11]
- The infiltration trench as proposed is not compliant with the 2019 SWMMWW. Listed below are a couple of options for how to design infiltration trenches.

-If the trenches are designed using BMP T5.10A, the trench sizing is based on the linear feet of the trench and the soil type (page 707 of the manual). This design requires a minimum separation of 1-foot between the bottom elevation of the trench to the seasonal high ground water table. With this design, ensure that all design criteria are met (see page 708-709 for design criteria). If a trench wider than 2-feet is proposed, multiple perforated pipes releasing runoff into the trench will need to be spaced 6-feet center to center. A manifold system will need to be shown and included in the design to distribute water to each pipe.

-Trenches designed using BMP T7.10 (page 763 of the manual) can use WWHM modeling to determine the sizing of the trench. This design requires greater than or equal to 5-feet of separation between the bottom elevation of the trench and the seasonal high ground water table. However, 3-feet of separation may be considered if supported by a ground water mounding analysis, etc. (see page 743-744 of the manual for further detail).

Feel free to contact me if you have questions about this. [Drainage Report, pg 15]
- Provide in resubmittal. [Drainage Report, pg 17]
- Update these civil sheets to be consistent with revised civil plan set in resubmittal. [Drainage Report, pg 19]
- 0.13 [Drainage Report, pg 32]
- Please include the WWHM generated report for the modeling in addition to the screenshots provided in this section. Please be sure that the modeling report provides all information to demonstrate that the selected design complies with the LID Performance Standard, as given on Page 119 of the 2019 SWMMWW. [Drainage Report, pg 34]
- If a shared infiltration trench is being utilized, please model the roof area and trench area as a whole. See comment on page 15 of this report regarding infiltration trench design. [Drainage Report, pg 34]
- Per City of Puyallup GIS, the parcel configuration is currently different than what is shown here. Parcels 5870000231 and 5870000190 appear to have been combined. The new parcel number of the combined parcel is 5870000191. [Civil Plans, pg 2]
- Add in to this note that catch basins within driveable areas are only to use the storm drain inlet protection, and not City Standard 02.03.05 and 02.03.06. [Civil Plans, pg 3]
- Adjust these match lines. Currently the match lines are different sizes and orientations than companions. [Civil Plans, pg 5]
- Provide dimensioning that clearly shows where in the sidewalk these curb ramps are to be installed. [Civil Plans, pg 5]
- See notes on sheet C.06 and in the drainage report regarding infiltration trench design. Update accordingly. [Civil

Plans, pg 5]
- Update the grading in this section so that the cross slope is under 2.0% to meet ADA compliance. [Civil Plans, pg 6]
- Place detectable warning surfaces on the ramps. [Civil Plans, pg 6]
- Update permeable pavement section to be compliant with BMP T5.15 of the 2019 SWMMWW (page 745 of the manual). Specifically, call for 2" minimum scarification of subgrade. Also be sure to clarify the level of compaction as discussed under the design criteria (page 752-753 of the manual). [Civil Plans, pg 7]
- The infiltration trench as proposed is not compliant with the 2019 SWMMWW. Listed below are a couple of options for how to design infiltration trenches.
-If the trenches are designed using BMP T5.10A, the trench sizing is based on the linear feet of the trench and the soil type (page 707 of the manual). This design requires a minimum separation of 1-foot between the bottom elevation of the trench to the seasonal high ground water table. With this design, ensure that all design criteria are met (see page 708-709 for design criteria). If a trench wider than 2-feet is proposed, multiple perforated pipes releasing runoff into the trench will need to be spaced 6-feet center to center. A manifold system will need to be shown and included in the design to distribute water to each pipe.
-Trenches designed using BMP T7.10 (page 763 of the manual) can use WWHM modeling to determine the sizing of the trench. This design requires greater than or equal to 5-feet of separation between the bottom elevation of the trench and the seasonal high ground water table. However, 3-feet of separation may be considered if supported by a ground water mounding analysis, etc. (see page 743-744 of the manual for further detail).
Feel free to contact me if you have questions about this. [Civil Plans, pg 7]
- The building permits for the portables list a valuation of $15,000 per portable. This valuation seems low. Please provide justification and further detail, and if found to be different, an updated valuation of the portables. Frontage improvements may be required based on the valuation of the portables, and will be re-evaluated upon resubmittal. [Civil Plans, pg 1]

Engineering Traffic Review	**Bryan Roberts**	**(253)841-5542**	**broberts@PuyallupWA.gov**

- For the (2) proposed ADA ramps on W Main, place a note that requires these ramps to be barricaded and signed to prevent students from crossing W Main. Once the roadway is closed to vehicle traffic with the proposed 1 year pilot, these restrictions can be removed. A crosswalk at this location (with vehicle traffic present) does not meet engineering standards.
- Remove curved fog line striping from 7th/W Main intersection.

Planning Review	**Rachael N. Brown**	**(253)770-3363**	**RNBrown@PuyallupWA.gov**

- All deciduous trees shall be at least one (1") inch in caliper, preferably 1.5" or larger, and branched with a strong, central single leader.
- Coniferous evergreen trees shall be a minimum of 5 to 6 feet in height.
- All shrubs required shall be no smaller than two (2) gallon in size at the time of planting
- Please spec the total quantity of plants and on-center spacing for all landscape areas.
- Please estimate the total top soil required to meet the 8 inch minimum soil standard for all landscaped areas in cubic yards. The contractor will be required to submit delivery sheets and demonstrate compliance with top soil required and specified on plans at the time of final inspection.
- Add relevent required landscape details to plan: Detail 01.02.08a, 01.02.07, 01.02.03, 01.02.05, 01.02.06, 01.02.08.
- Existing trees to be retained must be clearly marked on the final clearing and grading plan, and final landscape plan. Tree protection fencing and signage shall follow the city standard detail, see appendix 20.5 of VMS. Standard detail shall be included on all plan sets with vegetation which is scheduled for retention and protection. All critical root

protection zones (CRPZ) shall be shown on plan sets in diameter from the center of the tree. In determining tree CRPZ, the following standards shall be used.In establishing the extent of the Critical Root Protection Zone (CRPZ) for individual significant trees, groupings of significant trees, a stand of significant trees, or a heritage tree the following formula shall be used: Individual tree diameter (in inches) X 2, converted into feet = CRPZ, in diameter (Example: 20" tree X 2 = 40' CRPZ diameter). The following minimum performance standards shall be used to determine the extent of allowable impacts to the CRPZ of significant trees: For significant trees, a minimum of 50 percent of the critical root zone must be preserved at natural grade, with natural ground cover. The protection zone may be irregular. The plan set shall provide a total square footage of CRPZ area and show the % of disturbance area. For heritage trees, a minimum of 75 percent of the critical root zone must be preserved at natural grade with natural ground cover. The protection zone may be irregular. The plan set shall provide a total square footage of CRPZ area and show the % of disturbance area. No cut or fill greater than four (4) inches in depth may be located closer to the tree trunk than ½ the CRPZ radius distance. (Example, 20-inch DBH tree has a 40' CRPZ area (in diameter) - meaning no cut or fill greater than 4" in depth is allowed within 20' of the tree trunk). No cut or fill within the distance from the tree which is three (3) times the trunk DBH is allowed. (Example, 20-inch DBH tree X 3 = 60", meaning no cut is allowed within 60-inches of a tree which has a 20-inch diameter trunk). These criteria represent minimum standards for determining whether or not a tree may be required to be retained. Greater impacts may be allowed, provided that all design alternatives have been proven unfeasible and that a pre-conditioning and after care mitigation program is established. See section 10.1 of the VMS, and referenced appendices for more information.
- Trees to be retained must be marked on plan. Mark critical root protection zones (CRPZ) and add tree protection detail. [Civil Plan, TESC Sheet]
- Add the following note to the landscape plan, "A minimum of eight (8) inches of top soil, containing ten percent dry weight in planting beds, and 5% organic matter content in turf areas, and a pH from 6.0 to 8.0 or matching the pH of the original undisturbed soil. The topsoil layer shall have a minimum depth of eight inches (8") except where tree roots limit the depth of incorporation of amendments needed to meet the criteria. Subsoils below the topsoil layer should be scarified at least 6 inches with some incorporation of the upper material to avoid stratified layers, where feasible. Installation of the eight inches (8") of top soil, as described above, shall generally be achieved by placing five inches (5") of imported sandy-loam top soil into planned landscape areas (sub-base scarified four inches (4")) with a three-inch (3") layer of compost tilled into the entire depth."
- Add the following note to the civil plans, "All planting areas shall be mulched with a uniform four (4") inch layer of organic compost mulch material or wood chips over a properly cleaned, amended and graded subsurface."
- Prohibited tree type; Red Maple (Acer rubrum, Acer x freemanii) – Acer rubrum and all cultivars of this species are currently not allowed due to vast over-use throughout the city. This exclusion includes Acer x freemanii and all cultivars of the freemanii hybrid as well.

See City's VMS pg. 28 for Class I tree list for trees under overhead utilities. Select trees from this list. [Landscape Plan, L100]

Conditions

The items listed in the table below are conditions of the permit that do not need to be addressed on the next resubmittal of plans but will need to be fulfilled at some point in the permit review process. The "Condition Category" indicates the approximate phase of the permit process by which the condition must be fulfilled for the City to continue processing this permit. "Condition Status" if "Open" means that the condition has not been fulfilled, if "Resolved" means the condition has been fulfilled

successfully. For some conditions that require submittal of a document to the City, those documents can be submitted via the Conditions Section of the City's permit portal.

Condition Category	Condition	Department	Condition Status
Prior to Issuance	A Performance Bond must be received by the City of Puyallup prior to permit issuance. The Performance Bond shall be 150% of the estimated cost of work in the ROW per the approved cost estimate received prior to plan approval (attached in CityView Portal under Documents & Images section). See https://www.cityofpuyallup.org/DocumentCenter/View/16622/Performance-Bond-51122-appvd-by-Legal for more information.	Engineering Division	Open
Prior to Issuance	Email a signed Inadvertent Discovery Plan to RBUCK@PUYALLUPWA.GOV.	Engineering Division	Open
Prior to Issuance	This form is to be received prior to permit issuance. Signing this form is acknowledgement that there may be billed overtime inspection fees per the current fee schedule and that whenever the City Water Division staff is required to perform a mainline shutdown the fees shall be billed at $134.00 per event plus $10.00 per tag. Instances when a shutdown is performed outside regular working hour's additional overtime fees will be billed at the current overtime billing rate (3 hour minimum call out time).	Engineering Division	Open
Prior to Issuance	Certificate or Insurance/CG2012 must be received prior to issuance	Engineering Division	Open
Prior to Issuance	A Clear, Fill and, Grade Bond must be received by the City of Puyallup prior to permit issuance. The amount of the bond shall not be less than the total estimated construction cost of the interim and permanent erosion and sediment control measures per the approved cost estimate received prior to plan approval. See https://www.cityofpuyallup.org/DocumentCenter/View/16621/CFG-Bond-101822-appvd-by-Legal for more information.	Engineering Division	Open

If you need assistance with resubmitting your corrections, please contact the Permit Center.

Sincerely,

City of Puyallup Permit Center

(253) 864-4165 option 1

permitcenter@puyallupwa.gov