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

Permit Review Correction Letter

Permit Application #PRCCP20231096

October 06, 2023

The City has completed the review of the above-mentioned permit submittal. All of 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 complete and submit the resubmittal form and a letter of transmittal. Letter of transmittal must be submitted to the 'resubmittal form' item listed in the submittal items list. Avoid using "upload additional docs" unless there is NO submittal item available for your document. Please Note: If you do not resubmit as instructed your re-submittal will be rejected. 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	**Anthony Hulse**	**(253)841-5553**	**AHulse@PuyallupWA.gov**

- Sheets C11 and C12 are both vault details. Update the index for sheets C11-C17. [civils, pg 1]
- Separate the amount of on-site cut/fill. Is the site cutting or filling? [civils, pg 1]
- Provide a grade break in front of the enclosure to prevent stormwater runoff from entering the enclosure. [civils. pg 7]
- Redesign the trash enclosure per design standard 208.1. Provide a type 1 CB at the center of the trash enclosure and plumb it to sewer. [civils, pg 13]
- Whom is this water easement for? If granted to the city, it would need to be centered in a 40' wide easement. [civils, pg 13]
- Provide a draft easement for the water main per the following link: chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.cityofpuyallup.org/DocumentCenter/View/7331/Appendix-C-?bidId= [civils, pg 13]
- What depth is the water main proposed? City standards required 36" of cover. [civils, pg 13]
- Create a note that informs the contractor to install detectable marking tape approximately 1.5' above the top of the pipe along the entirety of the main and services. Detectable table shall be blue in color and meet the material requirements specified in standard specification 9-15.18. [civils, pg 13]
- Revise the text overlap and show the hydrant. [civils, pg 14]
- Revise to a DDCVA. [civils, pg 15]
- Revise the water service line to connect to the DCVA [civils, pg 15]
- Is this representing a roof drain? If not provide utility crossing information. [civils, pg 15]
- Provide utility crossing information. [civils, pg 15]
- It doesn't appear that a 1" water service is proposed on the plans. Revise page 15 or remove this detail. [civils, pg 24]
- Include city standards 03.10.01-1 and 03.10.01-2 Double Detector Check Valve Assembly Installation and notes. [civils, pg 24]
- Revise curb and gutter reference to sheet 22 [civils. pg 16]
- Additional street lighting plan information was not submitted. Include a complete street light design for the next round of review as part of the civil set. [civils, pg 16]
- Include city standard details for the proposed street lighting. [civils, pg 26]
- Is this representing a service cabinet and junction boxes? Provide a callout for the streetlight information. [civils, pg 16]
- Revise text overlap. [civils, pg 8]
- Revise pipe slope to a minimum 0.5% [civils, pg 9]
- This flow arrow is pointing the wrong direction. [civils, pg 9]
- Provide the stormwater pipe diameter, material and length on this sheet. [civils, pg 9]
- Denote WQ1 vs WQ2 details [civils, pg 20]
- Revise minimum pipe slope to 0.5%. [civil plans, pg 9]
- Revise minimum pipe slopes to 0.5%. [civils, pg 7]
- Provide utility crossing information. [civils, pg 7]
- Revise minimum pipe slopes to 0.5%. [civils, pg 7]
- Provide pipe material, diameter and slope. Ensure this is a minimum of 0.5%. [civils, pg 7]
- The IE for the vault and CB #1 are the same. This run of pipe is flat, not 0.37%. [civils, pg 7]
- Provide a detail for the wall. Show the drainage for the wall such that it will not surcharge due to stormwater flows. [civils, pg 7]

- Provide a detectable warning surface at the bottom of the proposed ramp. [civils, pg 10]
- ADA parking stall signs? Reference the detail on sheet 21. [civils, pg 21]
- There is no V1 or V2 detail on sheet 11. Revise reference to sheet 12. [civils, pg 11]
- What are these dashed lines representing? [civils, pg 11]
- Show the existing wetland in which the project discharges too. [storm report, pg 11]
- A CSWPP was not submitted under a separate cover. Provide this document during the next submission. [drainage report, pg 15]
- Identify source control BMP's within this section of MR 3 to be followed during construction. [drainage report, pg 15]
- Include the new plus replaced hard surfaces within the WWHM calculation. These surfaces should be mitigated if possible, otherwised be modeled as bypass. [drainage report, pg 31]
- Include the bypass basin within the table. [drainage plans, pg 110]
- Fill out the rest of this site specific data chart. [civils, pg 114]
- The conveyance pipe calculation shows 7 pipe connections unable to convey the 25 year storm event. Revise accordingly.[drainage report, pg 146]
- CB#1 on sheet 7 shows the ie's as 50.16. Revise accordingly. [civils, pg 18]
- The WWHM calculation only provides a single orifice, why are two orifices proposed on the control structure detail? [civils. pg 18]
- City standard 02.03.05 is not applicable for inlet protection within the 15th St SE roadway. Use the silt sock detail on page 19 instead. [civils, pg 3]
- Call out this wall. [civils, pg 4]
- Provide information regarding the proposed wall storm drainage. [civils, pg 7]
- What material is proposed for the temporary piping? [civils, pg 3]
- Show the location of the concrete washout area. [civils, pg 3]
- Show the location of the settlement markers to not be disturbed. [civils, pg 3]
- Provide sizing calculations for both the west and east temporary sediment ponds. Also include calculation for the principal spillway, emergency overflow spillway, and dewatering orifice. [drainage report, pg 26]
- Revise this sheet to match the information provided on sheet 3 of the clear, fill and grade plans per permit PRGR20230909. Be sure to include information regarding site discharge, sampling and treatment. [civils, pg 3]
- Provide required pond square footages. [civils, pg 3]
- Provide a detail for the proposed wall. Be sure to include the wall drainage. [civils, pg 4]
- Provide a type 1 catch basin centered in the trash enclosure and connect to city sewer. See city design standard 208.1 for more information. [civils, pg 7]
- The trash enclosure must be covered. Additionally, the roof downspouts must be connected to the storm system. [civils, pg 7]
- Provide a maximum 2% cross-slope for the pedestrian access route from the stalls to the building. [civils, pg 10]
- Remove sediment pond layer from this sheet. [civils, pg 7]
- Pasture vegetation is reserved for rural areas where forest has been cleared and replaced with shrubs or grass lots. Revise the existing pervious conditions to be lawn vegetation. See III-2.2 Continuous Simulation Models within the DOE manual for more information. [drainge report, pg 75]
- The west side of the model does not appear to correctly represent the site conditions. CB's 19, 18, 17 and the associate pipes are missing from the model. Additionally, there is not a water quality device on the far western portion of the parking lot. [drainage report, pg 130]
- A portion of the roof is bypassing treatment. Show this in the WWHM model. [drainage report, pg 41]

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

- Provide separate streetlight design submittal (within civil plan set):

i. City standard streetlights are required every 150ft along 15th St SE.
ii. 15th St SE (Arterial) will require GE EVOLVE ELR2 Fixtures ERL2-3-23-A3-40-D-Gray-A-V1 (City to provide latest part numbers)
iii. It is the sole responsibility of the design engineer to ensure streetlight design/placement is outside of the 10ft minimum "safe zone" area from PSE primary.
iv. Streetlights shall have shorting caps installed with remote photocell located on the service cabinet.

Streetlight design shall provide the following:
1. Provide details on how streetlights will be powered
2. Location of conduit runs
3. Wiring Schedule
  a. Conduit size and type for each raceway
  b. Conductors details
4. Pole schedule
  a. STA & offset for each luminaire
5. Show location of junction boxes
- Design engineer must determine the required radius on the north side of intersection to allow inbound right trucks (SBR) to access site without encroaching into adjacent lane of (SB) traffic. AutoTurn analysis shows SBR truck encroaching into adjacent SB lane of traffic. Minimum radius for commercial driveway is 35ft. Pedestrian path across driveway should be

- At the time of civil permit review provide a separate pavement striping plan (channelization) sheet for the City to review.

Provide a white thermoplastic crosswalk per City of Puyallup standards

Provide City standard STOP bar (thermoplastic) and STOP sign at driveway approach

Identify all thermoplastic striping to be replaced for half-street improvement (RR striping, STOP bars, Arrows, etc.)

Lane striping to be replaced with MMA

Please remove concrete path from commercial driveway approach. Pedestrian walking path should be asphalt with thermoplastic crosswalk bars.

Per conditions of the approved AMR for this project, the northern electronic gate access must be actuated by Opticom device. Please provided details of this design

Fire Review	**David Drake**	**(253)864-4171**	**DDrake@PuyallupWA.gov**
- 1. Provide stripping / Fire Lane / No Parking Sign layout in all areas detailed on plans per PMC. - 1. Opticom required on gate, show details with placement and battery backup box.			
Planning Review	**Nabila Comstock**	**(253)770-3361**	**NComstock@PuyallupWA.gov**

- Final landscape plan has not been submitted with this application. A landscape plan WITH UTILITY OVERLAY is required at this time. Please read the landscape plan submittal requirements document available on the City webpage for a list of required items to include in a final landscape plan: www.cityofpuyallup.org/DocumentCenter/View/13103			
Public Works Collection Review	**Josh Grbich**	**(253)841-5560**	**JGrbich@PuyallupWA.gov**
- Is this existing CB being removed? If so, remove all piping and repair or patch any downstream structures. If this CB is to remain, remove any upstream piping that is not needed and repair or patch structure. If this CB is to remain the lid should be adapted to prevent collection of landscaping materials. [civil, pg 15] - The only known, active sanitary lateral tap for these parcels is located approximately at this point; 174 feet north of the manhole with no property line cleanout visible. It should be renewed in place to the main. Any other active sanitary services found on site shall be properly terminated. [civils, pg 15] - See note for existing lateral location; redevelopment shall utilize existing trench where possible. [civils, pg 15] - This existing type II CB should be replaced to meet current standard. It does not have a sump and also has a 6 inch concrete pipe from the south that will need to be removed. According to record drawings this pipe originates on site from behind the existing sidewalk. [civils, pg 9]			
Public Works Streets Review	**Scott Hill**	**(253)841-5409**	**Shill@puyallupwa.gov**
- I do not see this detail on Sheet C22 or C25 civils , pg 16 SH - grind/overlay should end at new curb&gutter or end of project limits , civils pg 16 SH - markings shall be thermo plastic, civils pg 16 SH			
Public Works Water Review	**Brian Johnson**	**(253)841-5442**	**BrianJ@PuyallupWA.gov**
- Civil Sheet C13: The existing water main is 8-inch ductile iron, not 12-inch as called out. Install a new 8-inch gate valve west of hydrant tee at connection point. - Civil Sheet C13: Both water mains that this looped water line will connect with are 8-inch. Is running a 12-inch line needed, or would an 8-inch line work? - Civil Sheet C13: Remove this water easement. This proposed water main loop will be private not public. - Civil Sheet C14: Hydrant is not shown. It looks like a retaining wall will be placed around fire hydrant. Call this retaining wall out, and provide a 3-foot clear zone around hydrant. - Civil Sheet C14: See comments on Sheet C13. - Civil Sheet C14: The existing 4-inch water service needs to be removed from the 6-inch water main on 15th St SE. Cut 6-inch cast iron water main 3-feet south of shown wet tap tee (heading west), and install 6-inch cap with blocking to abandon old service. - Civil Sheet C15: This proposed water main will be private from the west edge of the public sidewalk, and public to the east. Remove easement lines. - Civil Sheet C15: Show 2-inch gate valves on both water service connections. - Civil Sheet C15: The existing water service in this area needs to be removed from the 6-inch cast iron water main. Schedule a water main shutdown with the Water Division. Remove the tapping corporation stop and replace with a brass plug. - Civil Sheet C15: See comment of Sheet C13.			

- Civil Sheet C15: Call out the size of the FDC line.
- Civil Sheet C15: The existing water main is 8-inch not 12-inch. This will be an 8-inch by 8-inch wet tap with a stainless steel tapping tee. Show the tapping gate valve on the plans.
- Civil Sheet C15: In November 2022 a hydraulic model was produced with existing conditions for this site, which is available from the City. The existing water main size is smaller than these plans show. Will the available fire flow be sufficient for this proposed project?
- Civil Sheet C15: This existing fire hydrant is off an 8-inch stub north of the hydrant. That stub connects to an 8-inch tee between two gate valves on the 8-inch water main located in 15th St SE east of the 6-inch water main. Instead of cutting in a new tee between the two water mains on 15th St SE to connect to the proposed water main loop, tie to the west side of the hydrant tee, install an 8-inch gate valve and connect at that point.
- Civil Sheet C22: This water standard detail should be moved with the other water details on Sheet C24.
- Civil Sheet C23: This water thrust blocking detail should be moved to Sheet C24 with the thrust blocking table detail.

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 in order 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	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/C	Engineering Division	Open

Condition Category	Condition	Department	Condition Status
	FG-Bond-101822-appvd-by-Legal for more information.		

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