

Taco Time

Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington

Give approximate cut/fill quantities. include excavation for storm system. [Preliminary Storm and Utilities rev1]

Show limits of disturbance and show all critical areas and steep slopes. No clearing, filling, grading or other alteration occurs within any critical areas or associated buffer unless specifically authorized pursuant to Chapter 21.06 Environmentally Critical Areas Management of the Puyallup Municipal Code [Preliminary Storm and Utilities rev1]

Be sure to review Latest City Standards updates. Design enclosure per City Standard Section 208.1. [Preliminary Storm and Utilities rev1]

Stormwater infiltration BMPs shall be set back 100-feet from retaining walls to prevent short circuiting of stormwater by free-draining rock behind the retaining walls, unless the bottom of the infiltration BMP is greater than 2-feet below the lowest point on the retaining wall. Confirm preliminary elevations of the wall and facility on plans. [Preliminary Storm and Utilities rev1]

Steep slopes are potentially in the vicinity of the proposed infiltration gallery. confirm slopes down stream of the facility location. All facilities shall be a minimum of 50 feet from any steep (greater than 15%) slope. [Preliminary Storm and Utilities rev1]

Infiltration systems must be a minimum 10' from other structures, including other infiltration systems. [Preliminary Storm and Utilities rev1]

Delineate between the existing limits and new/replaced limits of the asphalt/concrete pavements. Use a sawcut line and proposed asphalt shading. [Preliminary Storm and Utilities rev1]

All new/replaced hard surface and converted vegetation areas must meet the latest Ecology standards. If any new/replaced area goes to the existing system's basin, you must show the existing system is adequately sized using the latest standards. This calculation is possible but requires detailed basin and storage sizing clarifications. You must consider the amount of storage the non-disturbed existing hard surface area will be using in the existing infiltration gallery per the previously constructed standards. Then show the storage space left over has capacity for the new/replaced hard surface area in the basin. Add this narrative to Storm report. [Preliminary Storm and Utilities rev1]

Create a separate preliminary drainage basin map showing existing and new/replaced areas that go into existing storm system and any existing and new/replaced area going into the new storm system. [Preliminary Storm and Utilities rev1]

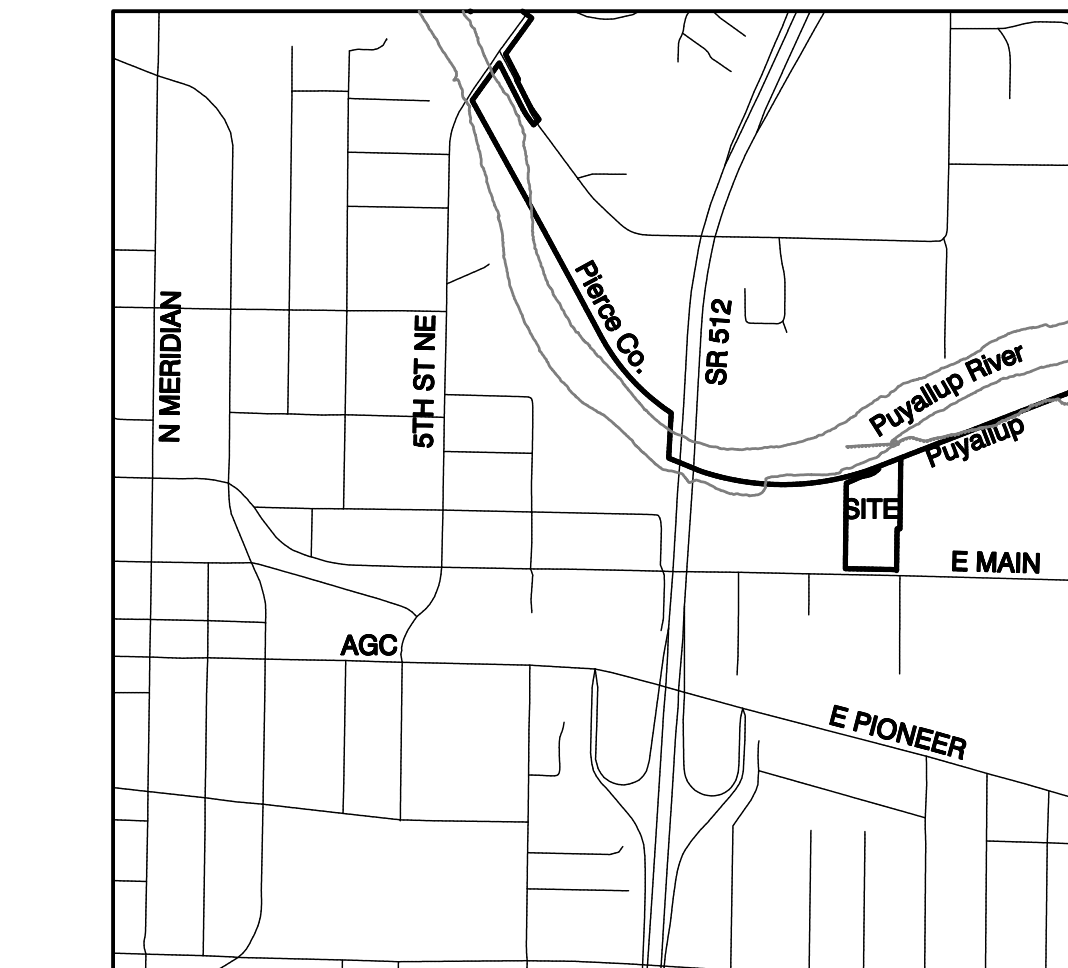
Provide a Table to reasonably estimate the quantity of existing and proposed hard surface areas. Include off-site areas. Use table attached to sheet as a guide for what is needed. [Preliminary Storm and Utilities rev1]

STORM CONCEPT

EXISTING DRAINAGE THAT IS CURRENTLY ROUTED THROUGH THE BIOSWALE WILL BE RE-ROUTED THROUGH A STORMFILTER CATCH BASIN FOR TREATMENT AND CONTINUE TO BE ROUTED TO EXISTING INFILTRATION GALLERY.

NEW ROOF RUNOFF WILL BE ROUTED TO A DOWNSPOUT INFILTRATION TRENCH.

NEW PARKING LOT RUNOFF WILL BE COLLECTED AND TREATED IN A BIPOD OR FILTERRA SYSTEM AND ROUTED TO AN INFILTRATION GALLERY.



VICINITY MAP
SCALE: 1"=1000'

Complete the following table as applicable to the proposed project (include onsite and offsite improvements):

Description ^a	Onsite	Offsite	Total
Existing Conditions			
Total Project Area ^b (ft ²)	Click here to	Click here to	Click here to
Existing hard surface (ft ²)	Click here to	Click here to	Click here to
Existing vegetation area (ft ²)	Click here to	Click here to	Click here to
Proposed Conditions			
Total Project Area ^b (ft ²)	Click here to	Click here to	Click here to
Amount of new hard surface (ft ²)	Click here to	Click here to	Click here to
Amount of new pollution generating hard surface (PGHS) ^c (ft ²)	Click here to entertext.	Click here to entertext.	Click here to entertext.
Amount of replaced hard surface (ft ²)	Click here to	Click here to	Click here to
Amount of replaced PGHS ^d (ft ²)	Click here to	Click here to	Click here to
Amount of new plus replaced hard surface (ft ²)	Click here to	Click here to	Click here to
Amount of new + replaced PGHS (ft ²)	Click here to	Click here to	Click here to
Amount of existing hard surfaces converted to vegetation (ft ²)	Click here to entertext.	Click here to entertext.	Click here to entertext.
Amount of Land Disturbed (ft ²)	Click here to	Click here to	Click here to
Vegetation to Lawn/Landscaped (acres)	Click here to	Click here to	Click here to
Native Vegetation to Pasture (acres)	Click here to	Click here to	Click here to
Existing hard surface to remain unaltered (ft ²)	Click here to	Click here to	Click here to
Existing vegetation area to remain unaltered (ft ²)	Click here to	Click here to	Click here to

a. All terms are defined in the 2019 Ecology Manual glossary.

b. The total project area in the existing condition should typically match the total project area in the proposed condition.

c. The "amount of new PGHS" should be part of or all of "amount of new hard surfaces"

d. The "amount of replaced PGHS" should be part of or all of the "amount of replaced hard surfaces".

Preliminary Storm, SS, & Water Plan

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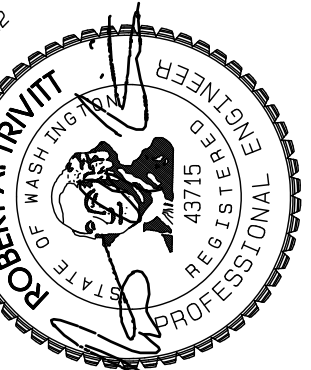
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DRAWING

Pre-1

SHEET
OF

1



DATE	REVISION
7/13/2022	1
	2
	3
	4
	5
	6
	7
	8
	9
	10

JOB NO. 23035
DATE: June 21, 2022
DESIGNED BY: Paul Green
DRAWN BY: Rob Trivitt
CHECKED BY: Paul Green
APPROVED BY: Paul Green

Azure Green
CONSULTANTS
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