

## **Construction Stormwater Pollution Prevention Plan (CSWPPP)**

**2401 Inter**

**2401 Inter Ave SE**

**Puyallup, WA 98372**

**Parcel No. 2105200150**

**September 22, 2022**

### **Project Address**

**2401 Inter Ave SE  
Puyallup, WA 98372**

### **Owner**

**MIKE PHAIR  
615 EAST PIONEER #209  
PUYALLUP, WA 98372**



### **Prepared By:**

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**Project Engineer's Certification:**

"I hereby state that this Construction Stormwater Pollution Prevention Plan for 2401 Inter has been prepared by me or under my supervision and meets the standard of care and expertise which is usual and customary in this community for professional engineers. I understand that Pierce County does not and will not assume liability for the sufficiency, suitability, or performance of drainage facilities prepared by me."



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## PROPOSED PROJECT DESCRIPTION

The project address is 2401 Inter Ave SE Puyallup, WA 98372. Parcel Number 2105200150. The project parcel consists of approximately 80,586 square feet (SF). The project proposes the addition of a building. The building will be on the northwest corner of the property and be approximately 4,800 SF. The plan proposes a total hard surface area of 60,250 SF. The proposed landscape is approximately 20,150 SF.

The project proposed projects limits consist of approximately 80,586 SF. This includes the proposed parking, buildings, Contech water quality chamber, ADS detention chamber and landscaped areas. Areas cleared or regraded not proposed for impervious surface shall be restored to meet the soil amendment BMP requirements per the 2021 Pierce County Stormwater Management and Site Development Manual Volume III, Section 3.1 and establish a dense cover of lawn, landscape or groundcover.

The project is accessed from Inter Ave at the south side of the parcel and will utilize the proposed driveway for access. According to the SCS soil mapping, the soils on the site are comprised completely of Briscot loam soils. The site is flat and maintains a 0%-2% slope. The parcel area within the clearing limits is flat with most of the slopes beyond the extents of the proposed site area.

### ☑ Element # 1: Preserve vegetation/mark clearing limits

o Clearing limits are shown on the plan and as noted, shall be marked using high visibility plastic fencing. All vegetated area outside the marked clearing limits shall be preserved in existing conditions.

### ☑ Element # 2: Established Construction Entrance

o As shown on the plans, a construction entrance is provided per City of Pullayup standards.

### ☑ Element # 3: Control Flow Rates

o The proposed silt fence will be placed along all the downgradient boundaries of the proposed project limits as a precautionary measure. Contractor shall adjust silt fencing as necessary to keep sediment laden runoff onsite and are noted in the ESC plan.

☒ **Element # 4: Install Sediment Control**

o Silt fence will be placed along all the downgradient boundaries of the proposed project limits to remove any sediment laden runoff from leaving the site, as shown on plans. Contractor shall adjust silt fencing as necessary to keep sediment laden runoff onsite.

☒ **Element # 5: Stabilize Soils**

o Per the standard erosion control notes provided on the plans, all exposed soils shall be hydroseeded and exposed soils shall be covered if left unworked for longer than 14 days.

☒ **Element # 6: Protect Slopes**

o No slopes over 20% are being disturbed. All exposed soils not covered by the driveway and dwelling will be hydroseeded and there will be no slopes greater than 2:1.

☒ **Element # 7: Protect Drain Inlets**

o Drain inlets are being protected from sediment and high energy flows through the use of catch basin inserts. Catch basin inserts will be installed in any existing catch basins within 500 feet from the project site.

☒ **Element # 8: Stabilize Channels and Outlets.**

o There are no proposed channels or outlets proposed as part of the SWPPP. There is an existing swale that will need to be maintained according to the checklist in Appendix D.

☒ **Element # 9: Control Pollutants.**

o The only pollutants generated by this project are those that are commonly associated with the construction of a small commercial building and site. Contractor is responsible to follow all Pierce County pollution prevention measures. Contractor to follow all Pierce County pollution control standard, particularly when handling concrete and vehicle activity.

☒ **Element # 10: Control De-watering**

o It is not anticipated that dewatering will be required, there are no sediment traps, ponds or any other BMP which may require de-watering proposed onsite.

☒ **Element # 11: Maintain BMPs**

o The contractor and property owner will be responsible for checking and maintaining all stormwater BMPs. Contractor to repair as needed or as specified by the county inspector.

☒ **Element # 12: Manage the Project**

o The owner and contractor will be tasked with managing the project and are responsible

for ensuring all SWPPP measures are followed per the provided plans and this report.

☐ Element # 13: Protect Low Impact Development BMPs

o The proposed project improvements consist of an underground Contech water quality system and an ADS stormtech detention chamber. The TESC plan provided with this document as Figure 4: Temporary Erosion and Sediment Control Plan, in Appendix A, shows silt fence at the top of all native flowpath areas and around all dispersion trenches. Contractor shall inspect LID proposed facility location pre and post construction to ensure no sediment laden water can enter the LID facilities area.

