



NOTICE OF APPLICATION

File Name: Mura Cascade
File Number: PLN #973
Applicant: Mura Cascade ELP LLC
Location: 6822, 7010 & 7020 197th Place NE
Parcel No.: 31051400205100, 31051400204900, 31051400205000
Date of Application: July 29, 2022
Date of Completeness: July 29, 2022
Date Notice of Application: August 3, 2022

PROJECT DESCRIPTION: The applicant is proposing to construct an advanced plastics recycling facility to convert end-of-life plastics into new plastic using a patented HydroPRS™ process. HydroPRS™ utilizes supercritical water to convert plastics that can't be recycled mechanically into stable hydrocarbon products for use in the manufacture of new plastics. These hydrocarbon products will be sold as sustainable feedstocks for plastic production as a replacement for fossil-derived petrochemical feedstocks. This recycling process creates a circular plastic economy reducing the reliance on fossil resources.

The facility will include a warehouse building for end-of-life plastics receiving, storage and handling, boilers, processing lines, flash distillation columns, emergency enclosed ground flare, product storage tanks, a water storage tank for emergency response, water purification/demineralization facility, closed-loop cooling water system and associated cooling water tower, a wastewater treatment system, and product loading areas.

A variance has been requested to allow the following structures to be built over the allowed fifty-foot height limitation: Process Boilers, Reflux Condenser & Cooler Structure, Reactor Package, Flash Distillation Column, Gas Processing Structure, Enclosed Ground Flare, Nitrogen Buffer Vessel, and Firewater Storage Tank.

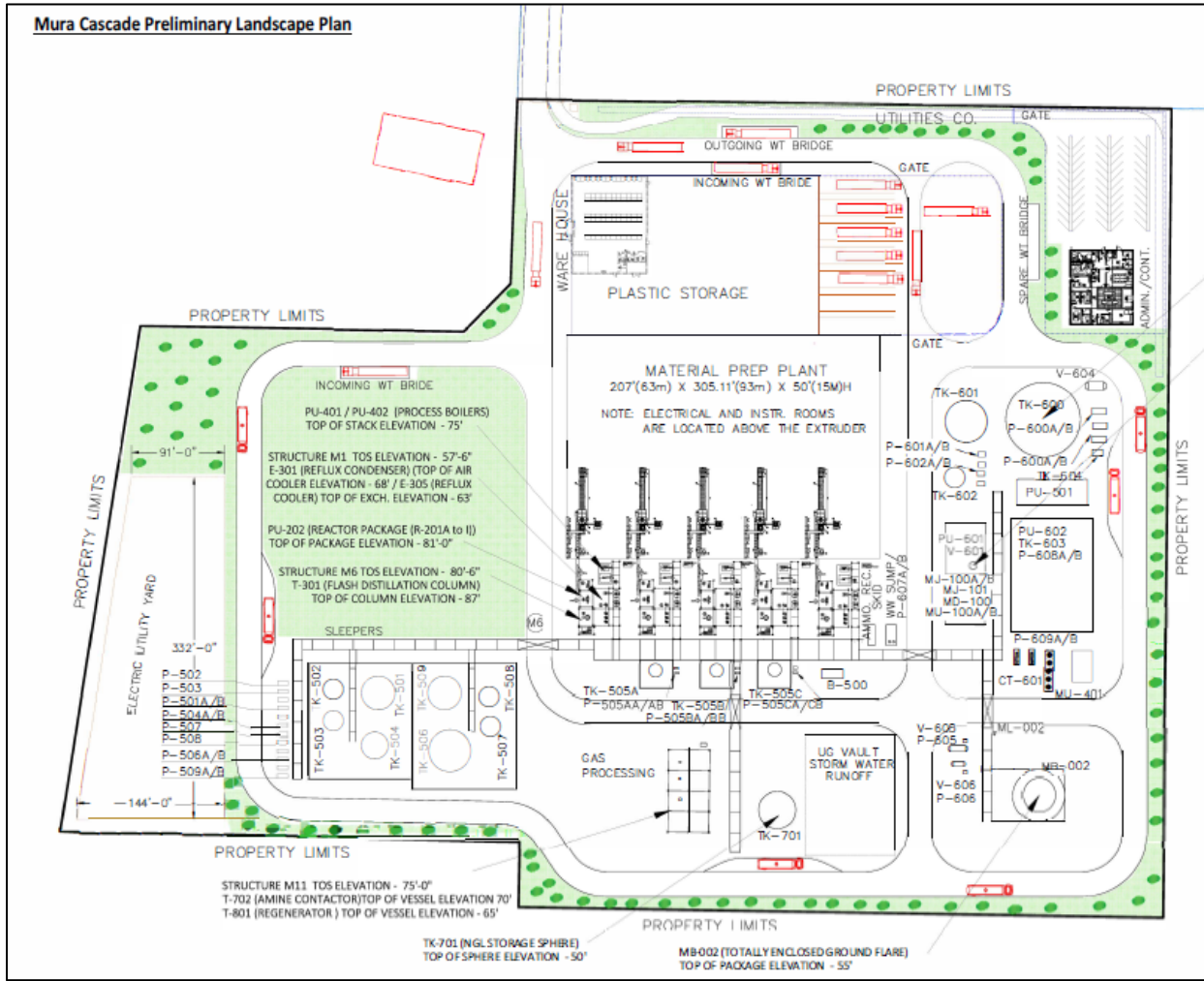
APPROVALS REQUIRED: City of Arlington: Special Use Permit, Variance, Design Review, Civil Permit, Utility Permit, Complete Streets, and Building Permits. Additional Approvals: Stormwater General Permit

Notice of Application Public Comment Period: Any person may comment on this application by writing to the mailing or email address below. Comments on this application must be received by **5:00 PM on Wednesday, August 17, 2022.**

Staff Contact: Amy Rusko, Planning Manager, arusko@arlingtonwa.gov, 360-403-3550

Mailing Address: Community & Economic Development Department, c/o Amy Rusko,
18204 59th Avenue NE, Arlington, WA 98223

Proposed Site Plan



Vicinity Map

