

# Preliminary Assessment Report

## Project 002194-21PA, 7001 42ND AVE S

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**Assessment Completed:** 4/8/2021

**Project Description:** Demolish existing structures and construct 15 new townhomes.

**Primary Applicant:** [Marcus Rudd](#)

This report lists the preliminary assessment of your project requirements by various City departments. It's based on the project characteristics described on your site plan and preliminary application form. If your project required a pre-application site visit (PASV), the results of that site visit are also included in this report. The goal of this report is to help you create a complete submittal package and reduce the need for corrections once you have submitted your application.

### Next Steps

1. Review the requirements in this report and contact the staff members listed below if you have questions.
2. See the Seattle Department of Transportation (SDOT) section of this PAR to determine if we require a full street improvement plan (SIP) or SIP Lite. If we do require a SIP or SIP Lite, submit it to SDOT via the Seattle Services Portal at: <https://cosaccela.seattle.gov/Portal>.

The Seattle Department of Construction and Inspections (SDCI) will not accept your permit application until your SIP or SIP Lite is approved to the level of completeness that SDOT requires. A full SIP requires 60% review and must be approved at 60% before you submit your SDCI construction permit application. A SIP Lite moves directly from 30% to 90% review, and the 90% plan must be approved by SDOT before you submit your SDCI construction permit application. For guidance on the SIP and SIP Lite processes, see <https://www.seattle.gov/transportation/permits-and-services/permits/applicant-guides/ag-2000>.

3. Schedule an appointment to submit your SDCI permit application through the Seattle Services Portal. You must have all application materials submitted by 7:00 a.m. the day of your appointment, including a copy of this report. You should be available for questions but do not need to attend an appointment in person.

### Questions About This Report

If you have questions about the information in this report, contact the staff member for each section.

#### SDCI Drainage Requirements

Eric Dripps, (206) 727-3676, [Eric.Dripps@seattle.gov](mailto:Eric.Dripps@seattle.gov)

#### SDCI Land Use Requirements

Stephen Fesler, (206) 684-7821, [Stephen.Fesler@seattle.gov](mailto:Stephen.Fesler@seattle.gov)

#### SDCI Preapplication Site Visit Requirements

Kamran Yazdidoost, (206) 684-7914, [kamran.yazdidoost@seattle.gov](mailto:kamran.yazdidoost@seattle.gov)

#### Seattle City Light Requirements

Ray Ramos, (206) 615-1193, [ray.ramos@seattle.gov](mailto:ray.ramos@seattle.gov)

#### Seattle Department of Transportation Requirements

Hayden Campbell, [Hayden.Campbell@seattle.gov](mailto:Hayden.Campbell@seattle.gov)

#### Seattle Public Utilities Requirements

Matt Recker, (206) 684-0139, [Matthew.Recker@seattle.gov](mailto:Matthew.Recker@seattle.gov)

## Seattle Public Utilities Solid Waste Plan Review

Angela Wallis, (206) 684-4166, [angela.wallis@seattle.gov](mailto:angela.wallis@seattle.gov)

## Other Resources

- General questions about the permit process: Contact the SDCI Applicant Services Center (ASC) at 206-684-8850.
- User-friendly guides to city permitting processes: [SDCI](#) and [SDOT](#).
- [Detailed zoning information](#).
- Visit our [permit type pages](#) for step-by-step instructions and forms for preparing your application and plans for review.

## Requirements

### SDCI Drainage Requirements

The following requirements are based on the current stormwater and side sewer codes.

**\*\*Note:** The new 2021 Stormwater Code will become effective on July 1, 2021. Projects with an accepted application (successful SDCI permit intake) date after June 30, 2021 will be reviewed under the new code. The drainage requirements indicated below are based on the **2016 Stormwater Code**. If your project will be submitted after June 30, 2021, please contact the SDCI Drainage Reviewer to determine drainage requirements.\*\*

#### Existing Public Drainage Infrastructure

Sanitary sewer main location: **42ND AVE S**

Sanitary sewer main size: **12-inch**

Storm drainage main location: **42ND AVE S**

Storm drainage main size: **48-inch**

#### Drainage

##### **Infiltration Investigation Required: Yes**

Projects that require On-site Stormwater Management, Flow Control, and/or Water Quality Treatment or have no available off-site point of discharge for stormwater must first investigate infiltration feasibility before selecting other BMP's. See Seattle Stormwater Manual, Volume 3, Section 3.2 and Appendix D to determine infiltration feasibility. If feasible, infiltration testing per the requirements in Appendix D is required prior to application. Submit a completed Infiltration Checklist with the construction permit application. Checklists are available on the SDCI Stormwater Code website.

[http://www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/stormwater-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/stormwater-code)

Please note: projects that infiltrate 5,000 square feet or more of impervious surface area must conduct Groundwater Monitoring for a full wet season or one full year if infiltrating 10,000 square feet or more of impervious surface area. See Table 3.1 in Section 3.2.

##### **Optional Partnership w/ SPU for GSI to manage public street runoff:**

If project applicant is interested in constructing voluntary, "beyond code" green Stormwater infrastructure in the right-of-way to manage public street runoff, reach out to SPU for a free consult. Email [spu-gsi-partnering@seattle.gov](mailto:spu-gsi-partnering@seattle.gov) to schedule. (Note: "beyond code" does not include any minimum requirements the project may trigger in the Seattle Stormwater Manual such as On-site Stormwater Management, Flow Control, and Water Quality Treatment.)

#### Project Type and Drainage Basin

The storm drainage point of discharge ([SMC 22.805.020](#)) is located at: **Public storm drain system**

Project Type: **Parcel-based**

Drainage Basin: **Designated receiving water**

## **Drainage Control Compliance**

Drainage Review Required: **Yes**

Drainage Control Review is required for this project per [SMC 22.807.020](#). Submit a completed [Standard Construction Stormwater Control and Post Construction Soil Management \(CSC/SOIL\) Plan](#) and a completed [Standard Drainage and Wastewater Control \(DWC\) Plan](#) including the **Site and Drainage Control Summary** from [On-site Stormwater Management Calculator](#).

Note: For projects with 5,000 square feet or more of new plus replaced hard surface, a comprehensive drainage control plan, construction stormwater control plan, soil amendment plan, and drainage report shall be prepared by a licensed engineer.

Soil Amendment Required: **Yes**

All new, replaced, and disturbed topsoil shall be amended with organic matter per rules promulgated by the Director prior to completion of the project to improve onsite management of drainage water flow and water quality per [SMC 22.805.030.A](#), [SMC 22.805.040.A](#), or [SMC 22.805.050.A](#). Complete the **Post Construction Soil Management Plan** on the [Standard CSC/SOIL Plan](#).

On-site Stormwater Management Required: **Yes**

Parcel-based projects with 7,000 square feet or more of land disturbing activity, 1,500 square feet or more of new plus replaced hard surface or, if on a lot or parcel created or reduced in size on or after January 1, 2016, 750 square feet or more of new plus replaced hard surface, must implement **On-site Stormwater Management** (infiltration, dispersion, bioretention, green roofs, permeable pavement, rainwater harvesting, etc.) to manage runoff from all hard surfaces on-site per SMC 22.805.050.B. and Director's Rule 21-2015.

Submit an [On-site Stormwater Management Calculator](#) and show the On-site Stormwater Management BMP's and surface designation on the [Standard Drainage and Wastewater Control Plan](#).

Flow Control Required: **No\***

Based on the information provided, adherence to Flow Control Standards is not required for this project.

\*Note: if groundwater will be discharged to the public drainage system, Flow Control may be required. Projects which propose to permanently discharge groundwater shall comply with Minimum Requirements for Discharges to a Capacity-constrained System, SMC Section 22.805.050.A.6 and SMC Section 22.805.060.A.6.

## **Water Quality**

No requirements

## **Wastewater**

**The wastewater/sanitary approved point of discharge (SMC 21.16.070.B) is located at Public Sanitary Main.**

**King County Capacity Charge:** All homeowners and building owners in King County's service area (i.e. all Seattle Public Utility Combined and Sanitary Sewers) whose home or building was connected, reconnected or had a new service established to a sewage facility served by King County on or after Feb. 1, 1990 must pay a [King County Capacity Charge](#). (King County Code No. 28.84.050.0.1)

Submit completed and signed King County Sewer Capacity Charge form/s with the building permit submittal. These forms are available on the SDCI Stormwater Code website under Forms and Documents.

## Permanent and Temporary Dewatering

**Approved Point of Discharge for Sub-surface Drainage** (e.g. footing drains, sub-surface wall drains, underslab drains, etc.): **Public Storm Drain Main.**

## Side Sewer

### Connections to Existing Side Sewers

The existing side sewer for a new or converted building or dwelling unit may be reused if the requirements of SMC 21.16.240 are met.

If there is an increase of dwelling units or buildings, the [Side Sewer Evaluation and Certification Form](#) must be completed by a licensed engineer and **the side sewer will typically require rehabilitation (e.g. pipe lining)** as directed by Section V.M of the *Requirements for Design and Construction of Side Sewers (Drainage and Wastewater Discharges)* [Director's Rule DPD 4-2011/SPU 2011-004](#).

## Other Requirements

- A maximum of 8 units may connect to a single 6-inch side sewer. Either the units must be split between two new 6-inch connections to the main, a single 8-inch connection to the main or, a connection to the existing side sewer and one new connection to the main. Connection to the existing side sewer will require a PE Evaluation and Certification of the existing line.

## SDCI Land Use Code Requirements

### **Street Requirements**

Based on the scope of your proposed project, the following street improvements are required per Chapter 23.53 of the Seattle Municipal Code. Please review [Streets Illustrated](https://streetsillustrated.seattle.gov), the Right-of-Way Improvements Manual for design criteria (<https://streetsillustrated.seattle.gov>). Show the required street improvements on your "enhanced site plan" that you submit with your SDCI permit application (see TIP 103, Site Plan Requirements, for more information on site plan requirements). If an SDOT Street Improvement Plan (SIP) or SIP Lite is required, please list the SDOT project number and SDOT contact name on your enhanced site plan. Your required SIP must be accepted by SDOT before you submit your SDCI permit application.

### **42ND AVE S**

Street Trees are required to meet Land Use Code Requirements for this project. Please see the SDOT portion of this PAR to view these requirements.

Existing curbcuts that will no longer be used are required to be removed, and the curbline reinstalled, per SDOT standards.

Any planting proposed within the ROW must be reviewed and approved by SDCI and SDOT.

The existing sidewalk, curb ramp, and/or accessible crossing does not appear to comply with the Right-of-Way Improvements Manual standards. Please work with SDOT to bring these improvements into compliance.

### **Alley Requirements**

#### **ALLEY WEST OF SITE**

Pave the width of the alley abutting the lot and the portion of alley between the lot and the connecting street. The [Seattle Right of Way Improvements Manual](#) contains design details.

A 2-foot alley dedication required foot dedication is required. Refer to SDOT Tip 2203, [Dedication of Right of Way or Easement](#).

## **Land Use**

An arborist report may be required. See Tip 242, [Tree Protection Regulations in Seattle](#) for more detail.

Alley access may be required

## **Pre-Application Site Visit (PASV) Requirements**

PASV report requirements may be subject to additions, changes, or modifications by the department. The purpose of the report is to alert the applicant that there may be unusual or complex site conditions that trigger requirements from the department regarding this project. **The applicant is responsible for providing all required documents at the intake appointment.** If you have questions about this report or the PASV process, please contact the SDCI Site Development Team at (206) 684-8860.

**Note:** Any project application associated with the development site can utilize the results from this PASV if the application is accepted by SDCI within 24 months of the above inspection date. After 24 months, the applicant must apply for another PASV. No extensions will be granted.

The site plan did not include the following existing or proposed elements:

Trees are not shown. Existing contour @ 2 feet intervals or spot elevation that indicate site topography.  
Retaining walls are not shown.

### **ECA Mapping Unit and Type**

Non-ECA

### **Earth Disturbance**

If excavation has the potential to encroach on adjacent property in order to facilitate construction activity, please provide documentation of consent from the adjacent property owner. Show area of proposed encroachment on the submitted drawings and detailed cross-sections.

If temporary cuts greater than 1h:1v will be required in order to facilitate construction activity, please provide a geotechnical engineer's verification that soil conditions allow cuts to stand unsupported. Include detailed cross sections.

Please show all existing and proposed retaining walls/rockeries and the exposed height.

If shoring will be required, please provide submittals by geotechnical and structural engineers and show the proposed system on the submitted drawings. Include detailed cross sections.

### **Existing ROW Conditions**

#### **42ND AVE S**

Street conditions:

Concrete paving

Visible pavement width is: 25 Feet

Curb conditions:

Curb adjacent to site

Concrete

Approximate curb height: 4-5 Inches

A storm inlet is located <600 ft from the site and prior to crossing a public right of way. CB is located at 42ND Ave S north of subject property

It appears that drainage from that discharge point will remain in the gutter line all the way to the nearest inlet structure, but this assessment is preliminary and it is the responsibility of the applicant to meet all relevant SW code requirements.

#### **ALLEY WEST OF SITE**

Concrete paving

Downstream inlet prior to crossing sidewalk

### **Potential Impacts to Seattle Parks Property**

No parks property in vicinity

### **Tree Protection**

Trees 6 inches or greater in diameter as measured 4.5 ft above ground are present on the site but not shown on the site plan. Show the dripline of

1) all trees on the site,

2) adjacent trees that encroach on the site that are 6 inches or greater in diameter as measured 4.5 ft above ground, and trees located in the adjacent ROW.

3) Include common and scientific names for all trees shown. For more information, see [Director's Rule 16-2008](#) and [Tip 242](#).

Per [SMC 25.11](#) and [DR 16-2008](#), exceptional trees may be located on the site. Clearly label all exceptional trees.

### **Construction Stormwater Control**

All projects with earth disturbance, regardless of size, require temporary and permanent stormwater control in accordance with the Construction Stormwater Control (CSC) Technical Requirements Manual (Director's Rule 17-2017, Volume 2, [Storm Water Manual Vols. 1-5](#)).

#### **Show the following on the [Construction Stormwater Control and Soil Amendment Standard Plan](#):**

Place compost socks, compost berms, filter fabric fencing, straw bales, straw wattles, or other approved perimeter control BMPs to eliminate construction stormwater runoff.

Show the location of a stabilized construction access to the site; show methods to eliminate uncontrolled conveyance of mud and dirt into the right of way (ROW).

Place silt-trapping inserts in receiving catch basins located within 10 feet of construction entrance.

Cover bare soil with compost blankets, straw, mulch, matting, or other approved equal to control construction stormwater runoff.

Cover stockpiles and bare slopes with compost blankets, tarps, matting or other approved equal to control construction stormwater runoff.

A First Ground Disturbance inspection is required before any ground disturbance related to this permit, including demolition, tree cutting, clearing, grubbing, and grading. After your permit is issued, schedule an inspection by calling (206) 684-8900 or [online](#).

### **Inspectors Notes**

Include earthwork calculations submittals indicate total cut quantities and total fill/backfill quantities.

## **Seattle City Light Requirements**

### **Street/Alley Requirements**

#### **42ND AVE S**

Clearance from Structures: Fourteen (14) feet radial clearance is required between power lines and any part of the permanent structure per Seattle City Light Construction Standard D2-3 (<http://www.seattle.gov/light/engstd/docs2/d2-3.pdf>). Transmission lines require greater clearance. Changes to SCL's system to meet clearances are done at the project's expense.

Working Clearance: State law requires construction workers, their tools, machinery, equipment, and materials to maintain a 10-foot clearance from power lines. Review WAC 296-24-960 and OSHA 1910.333(c)(3)(i). Transmission lines require greater clearance. To work near power lines, notify SCL well in advance to de-energize and ground the lines, or relocate the lines temporarily. This City Light work is done at the project's expense. City Light may not be able to grant customer requests to temporarily relocate or de-energize the distribution system.

Submit plans for SCL review. An SCL engineer will require scaled building elevation drawings to determine clearances. Survey information and plans must include property line designations along with all pole and high voltage line locations and elevations.

Other requirements: If three-phase power is needed, an extension of City Light's distribution system is required to provide sufficient power to the project site. Extending three-phase adds more power lines along 42nd Ave S and will further impact building clearance.

Based on our assessment of the size of your project, you may need transformers on your private property for power service to your building. This can be done with vaults inside the building, below-grade vaults, or above-grade pads exterior to the building. Include these facilities for your project power needs in your building plans. SCL has access, clearance, size and location requirements for vaults. Some transformers require long lead times to obtain. Contact SCL well in advance to provide electrical service size and voltage details. Requirements for a primary service may alter the building design.

Other requirements: Service entrance conductors must be combined in such a way that all structures on the parent parcel can be served from one service drop or service lateral directly from the City Light distribution system.

## Easements

SCL power easement is required. Property survey may be required at project's expense.

SCL blanket power easement over the entire parent parcel may be required. Property survey may be required at project's expense. If this is a unit lot subdivision, a blanket easement is needed.

## Conservation

Built Smart Programs - SCL offers developers of 5+ unit multifamily buildings incentives for installation of energy efficiency measures. From insulation and windows to lighting and appliances, take advantage of new technologies and construct a more efficient building with our help. For more information: contact Phoebe Warren at (206)684-3795 or [phoebe.warren@seattle.gov](mailto:phoebe.warren@seattle.gov).

## Notes to Applicant

For new service, please contact your Electrical Service Representative several months before new service is required to determine your electric service design, service location and what kind of service is available at the building site. The design of the distribution system to serve the site shall be within the sole discretion of City Light. An Application for Electrical Service must be submitted to Seattle City Light. The Electrical Service Representative should also be contacted to coordinate electrical disconnections prior to demolition and temporary power for construction. Your Electrical Service Representative is: Roy Carbonell, 206-386-1692, [Roy.Carbonell@seattle.gov](mailto:Roy.Carbonell@seattle.gov). Be advised that it is the applicant's responsibility to seek guidance from City Light. Failure to contact City Light early in the permit process could severely impact your project's scope, schedule and budget. This responsibility rests solely with the applicant.

## Other Requirements

- Electrical Vehicle (EV) Charging Infrastructure: Required EV-ready infrastructure must be factored into the total electrical load for the project. This added electrical load can impact new electrical service and prompt additional space requirements, undergrounding of service, and transformer requirement.

## SDOT Requirements

The City of Seattle's Right-of-Way Improvements Manual (ROWIM) and SDOT's Street & Sidewalk Pavement Opening and Restoration (PORR) Director's Rule 2004-02 may be accessed from SDOT's Street Use website at: [http://www.seattle.gov/transportation/stuse\\_docs.htm](http://www.seattle.gov/transportation/stuse_docs.htm). Whenever possible, specific reference notation for these two design documents is noted next to the design characteristics below. Be advised that these specific section and chapter references are provided as preliminary guidance only and are not comprehensive in scope.

### SDOT Permitting Information

SDOT Plan Requirements: Plan

All work in the public right-of-way requires a permit. Construction use permits are required when performing non-utility work in the ROW, including material and vehicle staging, crane activity, or installing approved encroachments. Minor utility permits are required for utility work that does not trigger the utility major process. Please visit SDOT's Street Use website at: [http://www.seattle.gov/transportation/stuse\\_sip.htm](http://www.seattle.gov/transportation/stuse_sip.htm) and review Client Assistance Memo 2109:

<https://www.seattle.gov/Documents/Departments/SDOT/CAMs/CAM2109.pdf> for more information.

Based on the scope of your project and the proximity to the lot line a SIP may be triggered by the extent of construction impacts to existing street, sidewalk or alley improvements. If more than 2,000 sf of impervious surface in the right of way will be replaced a SIP will be required.

### Existing conditions review

Consider bicycle safety enhancements. Refer to the city's [Bicycle Master Plan Update](#) for best practices. Urban Village Neighborhood Access

This site is located within an existing urban center or urban village. Most projects in urban villages must comply with the standard sidewalk cross-section defined in the Streets Illustrated Right-of-Way Improvements Manual, Section 3.2, fig. J.



## **Street Improvement Requirements**

### **42ND AVE S**

New street trees: Street trees shall be installed between sidewalk and curb in the planting strip or tree pits, per Streets Illustrated standards (see section 3.6) unless otherwise approved by the SDOT Urban Forestry Landscape Architect's Office. Street trees must be planted between October 1st and April 30th unless installed with automatic irrigation. Property owners are responsible for the ongoing maintenance of street trees, per Director's Rule 03-14 Street Tree Manual. **To apply for an SDOT Urban Forestry Construction Permit for tree planting, visit the City of Seattle Services portal at:**  
<https://cosaccela.seattle.gov/Portal/welcome.aspx>

All improvements on private property must accommodate the right of way elevation at the property line using the standard cross-section in the ROWIM. Right of way grading may be required to provide vehicular and pedestrian access that meets the standard cross-section.

Improve the sidewalk and planting strip dimensions to meet the standards listed in the Right-of-Way Improvements Manual for this street type.

Reinstall curb and planting strip at existing, unutilized driveway. See Seattle Right of Way Improvements Manual (ROWIM) and the City of Seattle Standard Plan 410.

## **Alley Requirements**

### **ALLEY WEST OF SITE**

Other requirements: 2' alley dedication. The entire width of the portion of the alley abutting the lot, and the portion of the alley between the lot and a connecting street, shall be paved.

Provide all vehicle access to the site via the alley.

Provide solid waste collection via the alley unless SPU determines that alley collection is infeasible. Coordinate early with SPU. SDOT encourages on-site staging on collection day where possible to keep alleys clear for passenger and commercial vehicle mobility.

## **Construction management**

SDOT strongly recommends identifying all telecom needs for the building and tenants and installing connections prior to final street improvement restoration. Often, tenants take possession of a space and request telecommunication service connections requiring excavation through new sidewalk and street surfaces, increasing the cost of service and disrupting the public.

## **SPU Requirements**

### **Flow Control Compliance**

Soil Amendment. Retain and protect undisturbed soil in areas not being developed, and prior to completion of the project, amend all new, replaced, and disturbed topsoil (including construction lay-down areas) with organic matter to the extent required by and in compliance with the rules promulgated by the Director.

On-site Stormwater Management. All trail and sidewalk projects with 2,000 square feet or more of new plus replaced hard surface or 7,000 square feet or more of land disturbing activity shall meet the Minimum Requirements for On-site Stormwater Management contained in Section 22.805.070, to the extent allowed by law.

## **Water Availability**

If required, you will receive a separate water availability certificate from SPU outlining any water requirements.

## **SOLID WASTE**

We require an SPU review of solid waste storage and service plans for:

- Multifamily (including townhouse, rowhouse, or live-work) and mixed-use developments with five or more units;



- Buildings using compactors;
- Commercial or industrial projects with a gross floor area of 5,000 square feet or greater;
- Projects seeking a storage or access modification from the Land Use Code (SMC 23.54.040.I).

Please review SMC 23.54.040 and SMC 21.36.080 for solid waste storage and service requirements. You can find the guidelines for solid waste in [CAM 1301: Solid Waste Information for Developers](#). Please also see our webpage at <http://www.seattle.gov/utilities/construction-resources/collection-and-disposal/storage-and-access>. For the project types listed above, you need to submit your [Checklist for Developers](#) to SPU Solid Waste Plan Review lead Angela Wallis at [SPU\\_SolidWastePlanReview@seattle.gov](mailto:SPU_SolidWastePlanReview@seattle.gov), or call: (206) 684-4166 with questions.

If the scope of your proposed project changes before your SDCI intake appointment or SDOT street improvement plan application, the requirements in this report may change. If there are municipal code and ordinance changes before our SDCI intake appointment, the project must meet the new code requirements. Additional street improvement requirements may be triggered if a permit application for a development project on adjacent property is also undergoing review.

Please be aware that all persons or companies working within the City limits, including all contractors, subcontractors, permit expeditors and other service providers are required to possess a valid City of Seattle business license. This license is required in addition to any other licenses required by the State of Washington, such as a contractors' license or state business license. For more information about City of Seattle business licenses, please contact inspector Michale Crooks at 206-684-8871, [Michale.Crooks@seattle.gov](mailto:Michale.Crooks@seattle.gov), or visit the [Licensing and Tax Administration Division website](#).