

December 15, 2022

Terry Amundson 2117 NE Oregon St., #201 Portland, OR 97232

Re: Preapplication Report

Dear Terry:

Enclosed is the Preapplication Report Summary from your meeting with the City on December 1, 2022, concerning your proposal for action on property located at 9815-9833 SE 17th Ave.

A preapplication conference is required prior to submittal of certain types of land use applications in the City of Milwaukie. Where a preapplication conference is required, please be advised of the following:

- Preapplication conferences are valid for a period of 2 years from the date of the conference. If a land use application or development permit has not been submitted within 2 years of the conference date, the Planning Manager may require a new preapplication conference.
- If a development proposal is significantly modified after a preapplication conference occurs, the Planning Manager may require a new preapplication conference.

If you have any questions concerning the content of this report, please contact the appropriate City staff.

Sincerely,

Emilie Bushlen

Administrative Specialist II



CITY OF MILWAUKIE
6101 SE Johnson Creek Blvd
Milwaukie OR 97206
503.786.7600
planning@milwaukieoregon.gov
building@milwaukieoregon.gov
engineering@milwaukieoregon.gov

Preapplication Conference Report

Project ID: 22-017PA

This report is provided as a follow-up to the meeting that was held on 12/1/2022 at 10:00 AM

The Milwaukie Municipal Code is available here: www.qcode.us/codes/milwaukie/

	APPLICANT AND PROJECT INFORMATION					
App	Applicant: Terry Amund		dson	Applicant Role: Property Owner/Developer		
App	licant Address:	2117 NE Ore	gon St., #201, Portland, OR 97232			
Con	npany:	Koble Creat	ive			
Proj	ect Name:	42-unit cotto	age cluster development			
Proj	ect Address:	9815-9833 SE	17 th Ave	Zone: R-MD		
Proj	ect Description:	Demo existir	ng home, combine 3 tax lots, and dev	velop a 42-unit cottage cluster development		
Curi	ent Use:	Existing singl	e-unit house; vacant			
App	olicants Present:	Terry Amunc	Amundson, Karl Refi, Paul del Vecchio, Nick Geiger, Kristian McCombs, Dave Humber			
Staff			(Senior Planner); Jennifer Backhaus (Engineering Tech III); Eanna Zaya (Engineering Tech I); ilson (Urban Forester); Natalie Rogers (Climate & Natural Resources Manager)			
			PLANNING COMM	ENTS		
			Zoning Compliance (MM	C Title 19)		
⊠	☐ Use Standards (e.g., residential, commercial, accessory)		The property is zoned Moderate Density Residential (R-MD), which allows a variety of residential housing types, including single-unit detached dwellings, duplexes, triplexes, quadplexes, townhouses, and cottage cluster development.			
×	Dimensional Stand	ards	Dimensional standards for the R-MD zone are provided in Milwaukie Municipal Code (MM Section 19.301 (specifically in MMC Subsection 19.301.4), and they vary somewhat depending on the lot size.			
			However, the proposal is for a cottage cluster, which has specific dimensional and development standards found in MMC 19.505.4. These standards govern all setbacks, spacing between cottages, minimum size of common space, etc. All of these standards must be met unless a variance is requested.			
			Land Use Review Pro	ocess		
×	Applications Needed, Fees, and Review Type		The proposal includes consolidation of three lots that are part of a platted subdivision, which is reviewed as a replat. The proposal also includes attached cottages, which are			

only permitted in the R-MD zone with a Type III Variance. Finally, the proposal shows 59 parking spaces for 42 cottages, which exceeds the maximum parking allowance; a Type II parking modification is required.

A concurrent application review consolidates the review of multiple applications into a single review process. The applications must be processed according to the highest numbered review type required for any part of the application. In this case, a concurrent review of the Type II parking modification and the Type III variance will be processed through a Type III review, with a decision by the Planning Commission through the Type III review process

- Type III Variance (MMC 19.911): \$2,000 review fee
- Type II Parking Modification (MMC 19.605.2): \$1,000
- Type II Variance for design standards (MMC 19.911): \$1,000
- Type I Replat (MMC 17.12.020): \$200
- Transportation Facilities Review (Type II review): \$1,000 (see notes below under **Application Process**)
 - MMC 19.704 Transportation Impact Analysis
 - Managed by the Engineering Department
- Final Plat (Type I review, for partitions or subdivisions, not applicable for lot consolidation or PLA): \$200 (processed after the preliminary plat approval)

Note: For multiple applications processed concurrently, there is a 25% discount offered for each application fee after paying full price for the most expensive application.

The applicant must submit a complete electronic copy of all application materials for the City's initial review. A determination of the application's completeness will be issued within 30 days. If the application is deemed incomplete, City staff will provide a list of items to be addressed upon resubmittal.

Where multiple applications with different review types are processed concurrently, the overall package will be processed according to the highest review type.

With Type III review, a public hearing with the Planning Commission will be scheduled once the application is deemed complete. At present, meetings are being conducted in a hybrid format, with the option of participating in person at City Hall or online via Zoom.

Public notice of the hearing will be sent to property owners and current residents within 300 ft of the subject property no later than 20 days prior to the hearing date. At least 14 days before the hearing, a sign giving notice of the application must be posted on the subject property, to remain until the decision is issued. Staff will coordinate with the applicant to provide the necessary sign(s).

Staff will prepare a report with analysis of the proposal and a recommendation that will be made available one week before the hearing. Both staff and the applicant will have the opportunity to make presentations at the hearing, followed by public testimony and then deliberation by the Commission for a decision.

With Type III review, issuance of a decision starts a 15-day appeal period for the applicant and any party who establishes standing. If no appeal is received within the 15-day window, the decision becomes final. Any appeal of a Type III decision would be heard by the City Council for the final local decision.

Development permits submitted during the appeal period may be reviewed but are not typically approved until the appeal period has ended.

NOTE: It is recommended that the TIS review process be initiated early and before the land use application is submitted. This is because the city's engineering consultant will be tasked with scoping the TIS upon application of the TFR. Therefore, the applicant is encouraged to submit the TFR application as soon as possible to initiate that process so that the land use application includes the final TIS.

× **Application Process**

	Overlay Zones (MMC 19.400)					
	Willamette Greenway	There are no special overlays on the subject property.				
	Natural Resources					
	Historic Preservation					
	Flex Space Overlay					
		Site Improvements/Site Context				
⊠	Landscaping Requirements	MMC 19.505.1.D.1 includes specific information regarding minimum standards for common open space in a cottage cluster. Table 19.505.4.C.1 includes minimum standards for site vegetation and for the common areas.				
⊠	Onsite Pedestrian/Bike Improvements (MMC 19.505.4)	Table 19.505.4.C.1 includes minimum standards for onsite bicycle parking, both for residents and guests.				
	Connectivity to surrounding properties					
	Circulation					
×	Building Design Standards (MMC 19.505)	MMC 19.505.1 includes specific minimum building design standards for cottages. Table 19.505.4.C.1 also includes standards related to building height, spacing, eaves, etc.				
		Review of compliance with design standards will occur during permit review. Design standards apply to street-facing facades within 50 ft of a front or street side lot line and for cottages facing a common courtyard. However, the concept plans do not appear to meet the minimum design standards for the cottages closest to 17th Ave. A Type II variance is available for designs that do not meet the minimum standards. The applicant is encouraged to review the standards and consider including a request for this variance as part of the overall land use review. Cottages do not have to face the street if they face a courtyard, but they will have to show compliance for minimum glazing and detailed design.				
		The cottage cluster design worksheet, which is required to be submitted with the building permit applications, can be found here: https://www.milwaukieoregon.gov/sites/default/files/fileattachments/planning/page/12375 3/design standards form cottages revised.pdf.				
	Downtown Design Standards (MMC 19.508)					
		Parking Standards (MMC 19.600)				
	Residential Off-Street Parking Requirements	MMC Table 19.605.1 establishes parking quantity requirements. For cottage cluster developments, 0.5 off-street parking spaces per unit is required; the maximum is 1 space per unit. A parking modification application is required for exceeding the maximum number of spaces. Staff notes that city policy has been to not over build parking in the city. The applicant must provide compelling evidence supporting the request for exceeding the maximum parking				
		on the site and respond to all approval criteria. The request for a modification must include responses to all the applicable criteria found in MMC 19.605.2.				

	Multi-Family/Commercial Parking Requirements					
	Approval Criteria (MMC 19.900)					
	Community Service Use (CSU) (MMC 19.904)					
	Conditional Use (MMC 19.905)					
	Development Review (MMC 19.906)					
×	Variance (MMC 19.911)	Variance approval criteria are established in MMC Subsection 19.911.4. Specifically, Type III variances should address MMC 19.911.4.B. For most projects, the discretionary relief criteria in 19.911.4.B-1 are more appropriate than the economic hardship criteria of 19.911.4.B-2. However, the applicant may elect the economic hardship track if appropriate.				
		As noted above, it does not appear that some of the proposed cottage design will meet the minimum design standards. A Type II variance is available for relief from these standards. The application narrative must include a response to the approval criteria for Type II variances found in MMC 19.911.4.A as well as an explanation of how a unique and creative housing design merits flexibility from the requirements of MMC 19.505.1.C.4 – Detailed Design.				
		Land Division (MMC Title 17)				
	Design Standards					
×	Preliminary Plat Requirements	Parcel consolidation within a platted subdivision is accomplished via a replat.				
		MMC Section 17.16.060 provides application requirements and procedures for preliminary plats, including a reference to the City's preliminary plat checklist. The checklist outlines the specific pieces of information that must be shown on the plat, based on the provisions for preliminary plat established in MMC Chapter 17.20.				
		https://www.milwaukieoregon.gov/sites/default/files/fileattachments/planning/page/38211/preliminaryplatchecklist_form_revised.pdf.				
×	Final Plat Requirements (See Engineering Section of this Report)	MMC Section 17.16.070 provides application requirements and procedures for final plats, with a reference to the City's final plat checklist. The checklist outlines the specific pieces of information that must be shown on the plat, based on the provisions for final plat established in MMC Chapter 17.24.				
		MMC Section 17.12.050 establishes the following approval criteria for final plats.				
		Note that construction of all required public improvements must be completed, inspected, and accepted by the City prior to the City's sign-off on the final plat, unless an arrangement for bonding or other interim measure is made and agreed upon by the City.				
		https://www.milwaukieoregon.gov/sites/default/files/fileattachments/planning/page/38211/finalplatchecklist_form_revised.pdf.				
		Sign Code Compliance (MMC Title 14)				
	Sign Requirements					
		Noise (MMC Title 16)				
	Noise Mitigation (MMC 16.24)					

	Neighborhood District Associations					
Choose an item.		Prior to submitting the application, the applicant is encouraged (but not required) to present the project at a regular meeting of the relevant Neighborhood District Association				
		(NDA), in this case the Historic Milwaukie NDA.				
	Choose an item.	The NDA will receive the application materials in an early referral process.				
		Contact information: https://www.milwaukieoregon.gov/citymanager/historic-milwaukienda				
		Other Permits/Registration				
	Business Registration					
	Home Occupation Compliance (MMC 19.507)					
		Additional Planning Notes				
	ī.	ENGINEERING & PUBLIC WORKS COMMENTS				
		Public Facility Improvements (MMC 19.700)				
⊠	Applicability (MMC 19.702)	MMC 19.702 establishes the applicability of MMC 19.700, including to partitions, subdivisions, replats, new construction, and modification and/or expansion of an existing structure or a change or intensification in use that results in a new dwelling unit, any new increase in gross floor area, and/or in any projected increase in vehicle trips.				
		The proposed development is to establish 42 new cottage cluster style units. MMC 19.700 applies.				
☐ Iransportation Facilities Review (MMC 19.703)		As per MMC 19.703.2, because the proposed development triggers a transportation impact study (TIS), a Transportation Facilities Review (TFR) application is required. The TFR application will be processed and reviewed concurrently with the other required applications discussed in these notes.				
		MMC 19.703.3 establishes the approval criteria for transportation facilities review, including compliance with the procedures, requirements, and standards of MMC 19.700 and the Public Works Standards; provision of transportation improvements and mitigation in rough proportion to potential impacts; and compliance with the City's basic safety and functionality standards (e.g., street drainage, safe access and clear vision, public utilities, frontage improvements, level of service).				
⊠	Transportation Impact Study (MMC 19.704)	A Transportation Impact Study (TIS) is required.				
	(m/mC 17.704)	A pre-scoping meeting to determine the parameters of the study is recommended. The City's on-call traffic engineer is Kittelson & Associates. The applicant and/or their traffic engineer can coordinate the scheduling of this meeting with the city's engineering department.				
		The applicant must pay a reserve deposit of \$2,500 at TFR submission. This deposit covers the cost of scoping and review of the TIS.				
		Notice to ODOT is required pursuant to MMC 19.707, the city will coordinate with ODOT during the scoping phase.				

⊠	Agency Notification (MMC 19.707)	As per the stipulations of MMC 19.707.1, the following agencies will receive notification of the proposed development: Oregon Department of Transportation (ODOT), Metro, Clackamas County, and TriMet.			
⊠	Transportation Requirements (MMC 19.708)	Access Management: All development subject to MMC 19.700 shall comply with access management standards contained in MMC 12.16.			
		Clear Vision: All developments subject to MMC 19.700 shall comply with clear vision standards contained in MMC 12.24.			
		The existing conditions on McBrod Avenue include sidewalk and curb. No additional curb sidewalk improvements are required. Street trees will be required along McBrod Avenue provided sufficient space for a landscape strip is available.			
		Street Tree frontage improvements will be evaluated at the time of permit review, but will typically require trees to be planted at a minimum of every 40 ft in accordance with the Public Works Standards and the Milwaukie Street Tree List and Planting Guidelines			
×	Utility Requirements (MMC 19.709)	A 10-ft public utility easement (PUE) will be required along the McBrod Avenue frontage and the 17 th Avenue frontage.			
		Flood Hazard Area (MMC 18)			
	Development Permit (MMC 18.16.030)	The subject property is not in a flood hazard zone.			
	General Standards (MMC 18.04.150)				
	Compensatory Storage (MMC 18.20.020)				
	Floodways (MMC 18.20.010.B)				
		Environmental Protection (MMC 16)			
	Weak Foundation Soils (MMC 16.16)				
×	Erosion Control (MMC 16.28)	Erosion control and prevention is required as outlined in MMC16.28			
		Projects that disturb more than 500 square feet within the City of Milwaukie limits require an Erosion Control Permit from the City's Building Department. Even projects that are less than 500 square feet may require a permit based on site conditions and proximity to natural resources such as wetlands and waterways. The applicant must submit an erosion control plan for their project that accurately depicts how sediment will be controlled during the duration of the project.			
		Please review the City's <u>Erosion Prevention and Sediment Control Requirements</u> . The applicant is encouraged to use the City's adopted <u>Erosion Prevention and Sediment Control Planning & Design Manual (2020)</u> for assistance in designing an erosion control plan.			
		Development sites between 1 acre and 5 acres should apply for a 1200-CN permit as outlined on https://www.milwaukieoregon.gov/publicworks/1200cn . Applicants will use the DEQ 1200-C permit application but submit it to the city for review and approval through the Milwaukie Erosion and Sediment Control Program. A 1200-C permit can be found on the DEQ website at https://www.oregon.gov/deq/wq/wapermits/Pages/Stormwater-Construction.aspx . Applicants do not need to submit a permit to DEQ if under 5 acres in site size.			
		For more information, please visit https://www.milwaukieoregon.gov/publicworks/erosion-prevention-and-control or contact erosioncontrol@milwaukieoregon.gov .			

Tree Code (MMC 16.32)

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All public trees over 2" in diameter at breast height (DBH) are regulated by the public tree code. Public trees are to be protected through development and included on the inventory and protection plan required by the private development tree code (MMC 16.32.042). Public tree removals require an approved permit for removal, which includes a notice period lasting 14 days but can extend to 28 days if public comment is received.

Public trees require a permit for planting (free) – visit <u>milwaukieoregon.gov/trees</u> to learn more.

Frontage improvements include tree replanting requirements in the ROW following the public works standards. Public trees may count for partial credit in the development tree code as described in MMC 16.32.042.

The tax lot included in the development site will be subject to the development tree code (MMC 16.32.042 A-H). If dividing the existing lot, the development tree code and the included standards apply to each tax lot independently. If the applicant consolidates tax lots, the final consolidated tax lot would be subject to the development tree code.

The development tree code requires for this development compliance and/or mitigation associated with the following standards:

- Preservation standard
- Planting Standard
- Protection Standard
- Soil volume standard.

For more information on these standards, view the documents attached at the bottom of the residential development tree permits webpage here. Mitigation fees are outlined in the Master Fee Schedule. The applicant may seek a variance for one or more of these standards through a Type III variance process (MMC 16.32.042.E)

Bonds are required for tree protection and post development warranties as outlined in the Master Fee Schedule.

Submittal requirements are outlined in MMC 16.32.042.H. An ISA Certified Arborist is required to submit the final documents to the city as defined in MMC 16.32.042. Additional supportive documentation, including canopy lists and tree protection and planting guidance are available at www.milwaukieoregon.gov/trees.

The development tree code application is due at time of building permit application unless a variance is being requested through the land use application process. Building permits will not be approved without completion and approval of the development tree code application.

For more information, please contact <u>urbanforest@milwaukieoregon.gov</u> or call 503-786-7655.

Public Services (MMC 13)

☑ Water System (MMC 13.04)

To better facilitate water use on the site, the city is requiring a looped system connecting 17th Avenue and McBrod Avenue water systems. A vault and backflow device will be required at both ends of the system. An 8" ductile iron main is available in McBrod Avenue and a 12" cast iron main is available in 17th Avenue.

Connection to City utilities is subject to plan and application review. Applications for city utility billing connections shall be made on approved forms: https://www.milwaukieoregon.gov/building/water-connection-application

A system development charge and a water service connection fee must be paid prior to new connections to city water.

Individual sewer laterals must be connected to an appropriately sized private sewer main.

A 6-8" concrete sewer main is available in 17th Avenue.

	A system development charge must be paid prior to new connections or impacts due to intensification of use to city sanitary sewer.				
⊠	Stormwater Management (MMC 13.14)	Stormwater mitigation must meet the city's NPDES permit through design of facilities according to the 2016 City of Portland Stormwater Management Manual.			
		All new impervious surface area in excess of 500 square feet must be treated on site.			
		Untreated road/driveway runoff cannot drain to a drywell or other infiltration based system without first being treated.			
		A stormwater report is required as part of this development prior to final permit issuance.			
		A system development charge must be paid prior to building permit issuance.			
×	System Development Charge (MMC 13.28.040)	All new development or intensification of use shall be subject to system developments charges.			
		Latest charges are determined by the Master Fee Schedule available here: https://www.milwaukieoregon.gov/finance/fees-charges			
	Fee in Lieu of Construction (MMC 13.32)				
		Public Places (MMC 12)			
×	Right of Way Permit (MMC 12.08.020)	A Right-of-Way Permit will be required for all frontage improvements, utility work within the right-of-way, and driveway construction for the new lot.			
×	Access Requirements (MMC 12.16.040)	Per MMC 12.16.040, private property must be provided street access via accessways (driveways). These driveways must be constructed under a right-of-way permit in accordance with the current Milwaukie Public Works Standards.			
		A single accessway is permitted on McBrod Avenue. To better serve the number of units proposed, the width of the accessway shall be sized at 30 ft.			
		Access will not be permitted from 17^{th} Avenue due to road classification, distance to the nearest intersection, and conflicts with the bike path.			
⊠	Clear Vision (MMC 12.24)	A clear vision area shall be maintained at all driveways and accessways.			

Additional Engineering & Public Works Notes

See provided SDC estimate. Two 2" water service meters were estimated to service the development, and approximately 15,000 square feet of impervious area was estimated for the site. Actual SDCs may vary based on final design.

BUILDING COMMENTS

All drawings must be submitted electronically through www.buildingpermits.oregon.gov

New buildings or remodels shall meet all the provisions of the current applicable Oregon Building Codes. All State adopted building codes can be found online at: https://www.oregon.gov/bcd/codes-stand/Pages/adopted-codes.aspx.

All building permit applications are electronic and can be applied for online with a valid CCB license number or engineer/architect license at www.buildingpermits.oregon.gov. Each permit type and sub-permit type are separate permits and are subject to the same time review times and will need to be applied for individually. Plans need to be uploaded to their specific permits in PDF format as a total plan set (not individual pages) if size allows.

Note: Plumbing and electrical plan reviews (when required) are done off site and are subject to that jurisdiction's timelines. The City does not have any control over those timelines, so please plan accordingly.

Site utilities require a separate plumbing permit and will require plumbing plan review. **NOTE:** The grading plan submitted to the Engineering Department does not cover this review.

If you have any building related questions, please email us at building@milwaukieoregon.gov.

All buildings must meet the Oregon Residential Specialty Code (ORSC) after new lots lines are established.

	OTHER FEES				
⊠	Construction Excise Tax Affordable Housing CET – Applies to any project with a construction value of over 100,000.	Calculation: Valuation *12% (.12)			
×	Metro Excise Tax Metro – Applies to any project with a construction value of over \$100,000.	Calculation: Valuation *.12% (.0012)			
×	School Excise Tax School CET – Applies to any new square footage.	Calculation: Commercial = \$0.69 a square foot, Residential = \$1.39 a square foot (not including garages)			

FIRE DISTRICT COMMENTS

Please see the attached memorandum for fire district comments.

COORDINATION WITH OTHER AGENCIES

Applicant must communicate directly with outside agencies. These may include the following:

- Metro
- Trimet
- North Clackamas School District
- North Clackamas Parks and Recreation District (NCPRD)
- Oregon Parks and Recreation
- ODOT/ODOT Rail
- Department of State Lands
- Oregon Marine Board
- Oregon Department of Fish and Wildlife (ODOT)
- State Historic Preservation Office
- Clackamas County Transportation and Development

MISCELLANEOUS				
State or County Approvals Needed				
Boi	ler Approval (State)			
Ele	vator Approval (State)			
	alth Department Approval ounty)			
		Arts Tax		
Nei	ghborhood Office Permit			
		Other Right-of-Way Permits		
Ma	jor:			
Min	or:			
	nted Intersection Program mits:			
	artMOB Application			
	Traffic Control Plan (Engineering)			
Par	klet:			
	Parklet Application/ Planning Approval			
	Engineering Approval			
	Building Approval			
Side	ewalk Café:			
Tre	e Removal Permit:			
		Infrastructure/Utilities		
Applicant must communicate directly with utility providers. These may include the following: PGE NW Natural Clackamas River Water (CRW) Telecomm (Comcast, Century Link) Water Environmental Services (WES) Garbage Collection (Waste Management, Hoodview Disposal and Recycling)				
		Economic Development/Incentives		
Ente	erprise Zone:			

Vertical Housing Tax Credit:	
New Market Tax Credits:	
Housing Resources:	
PLEASE SEE NOTI	E AND CONTACT INFORMATION ON THE FOLLOWING PAGE

This is only preliminary preapplication conference information based on the applicant's proposal, and does not cover all possible development scenarios. Other requirements may be added after an applicant submits land use applications or building permits. City policies and code requirements are subject to change. If a note in this report contradicts the Milwaukie Municipal Code, the MMC supersedes the note. If you have any questions, please contact the City staff that attended the conference (listed on Page 1). Contact numbers for these staff are City staff listed at the end of the report.

Sincerely,

City of Milwaukie Development Review Team

BUILDING DEPARTMENT		
(vacant)	Building Official	503-786-7611
Harmony Drake Stephanie Marcinkiewicz	Permit Technician Inspector/Plans Examiner	503-786-7623 503-786-7636
ENGINEERING DEPARTMENT		
Steve Adams Jennifer Backhaus	City Engineer Engineering Technician III	503-786-7605 503-786-7608
PLANNING DEPARTMENT		
Laura Weigel Vera Kolias Brett Kelver Adam Heroux Ryan Dyar	Planning Manager Senior Planner Senior Planner Associate Planner Assistant Planner	503-786-7654 503-786-7653 503-786-7657 503-786-7658 503-786-7661
COMMUNITY DEVELOPMENT DEPA	RTMENT	
Joseph Briglio Mandy Byrd (vacant) Emilie Bushlen (vacant)	Community Development Director Development Programs Manager Housing & Econ. Dev. Prog. Mgr. Administrative Specialist II Administrative Specialist II	503-786-7616 503-786-7692 503-786-7627 503-786-7600 503-786-7600
SUSTAINABILTY DEPARTMENT		
Natalie Rogers Courtney Wilson Galen Hoshovsky	Climate & Natural Resources Mgr. Urban Forester Environmental Services Coordinator	503-786-7668 503-786-7697 503-786-7660
CLACKAMAS FIRE DISTRICT		

Shawn Olson

Lieutenant Deputy Fire Marshal

shawn.olson@ClackamasFire.com



Permit Record:

22-017PA

SDCs

Street Address: 17th Ave Cottages

Prepared By: JMB

Date: 12/14/2022

SDC	Reimbursement		Improv	rement	Administration	Total	
Parks	\$	79,700.00	\$	<u> </u>	\$ -	\$	79,700.00
Transportation	\$	2,971.90	\$	59,148.70	\$ -	\$	62,120.60
Storm Drainage	\$	-	\$	4,720.42	\$ -	\$	4,720.42
Water	\$	11,896.00	\$	9,890.00	\$ 1,672.00	\$	23,458.00
Sewer	\$	25,815.60	\$	3,805.60	\$ -	\$	29,621.20
Water Meter Set Fee	\$	1,480.00	\$	-	\$ -	\$	1,480.00
Review Fee	\$	<u>-</u>	\$	-	\$ 165.00	\$	165.00
Wastewater Treatment	\$	280,360.00	\$	-	\$ -	\$	280,360.00
Fees subject to change until final plans and permit issuance						\$	481,625.22

Clackamas Fire District #1



Pre-Application Comments:

To: City of Milwaukie

From: Shawn Olson, Fire Marshal, Clackamas Fire District #1

Date: 12-13-2022

Re: 42 Cottage Clusters-SE 17th Ave.

This review is based upon the current version of the Oregon Fire Code (OFC), as adopted by the Oregon State Fire Marshal's Office. The scope of review is typically limited to fire apparatus access and water supply, although the applicant must comply with all applicable OFC requirements. When buildings are completely protected with an approved automatic fire sprinkler system, the requirements for fire apparatus access and water supply may be modified as approved by the fire code official. The following items should be addressed by the applicant:

Fire Apparatus Access:

- 1. A Fire Access and Water Supply plan for subdivisions and commercial buildings over 1000 square feet in size or when required by Clackamas Fire District #1. The plan shall show fire apparatus access, fire lanes, fire hydrants, fire lines, available fire flow, FDC location (if applicable), building square footage, type of construction, and shall provide fire flow tests per NFPA 291 or hydraulic model when applicable and shall be no older than 12 months. Work to be completed by experienced and responsible persons and coordinated with the local water authority.
- 2. Provide address numbering that is clearly visible from the street.
- 3. No part of a building may be more than 150 feet from an approved fire department access road.
- 4. The inside turning radius and outside turning radius for a 20' wide road shall not be less than 28 feet and 48 feet respectively, measured from the same center point.
- 5. Gates across access roads must be pre-approved by the Fire District.
- 6. Prior to the start of combustible construction, fire hydrants shall be operational and accessible.
- 7. Access roads longer than 150' require a fire department turnaround. Residential fire sprinklers maybe installed in lieu of this requirement for all homes.

Water Supply:

1. Fire hydrants, one- and two-family dwellings and accessory structures: Where a portion of a structure is more than 600 feet from a hydrant on a fire apparatus access road, as measured in

- an approved route around the exertior of the structure(s), additional fire hydrants and mains shall be provided.
- 2. The minimum available fire flow for single family dwellings served by a municipal water supply shall be 1,000 gallons per minute @20 psi. Single family homes over 3,600 sq.ft. Require additional fire flow. See Appendix B of the Oregon Fire Code.
- 3. Fire hydrants shall be within 600' of all portions of any new construction.
- 4. The applicant must obtain a stamp of approval from Clackamas Fire District #1 that demonstrates fire apparatus access and water supply requirements will be satisfied.
- 5. Please see our design guide at: https://clackamasfire.com/fire-prevention/new-construction-resources/
- 6. If you have questions, please contact Fire Marshal Shawn Olson at shawn.olson@clackamasfire.com or by calling 503-742-2663.

Submit fire apparatus access and water supply site plans to:

https://clackamasfire.com/access-and-water-supply-plan-review-submittal/