



Received by Email

2022-02-25

Date Stan

Engineering Permit Application

This **Engineering Permit Application** form is required for any combination of clearing, grading, roadway development, right-of-way, site development, and/or stormwater work. For standalone right-of-way applications or applications for utility work within the right-of-way only, please use the *Right-of-Way Permit* application form.

Please complete this form and submit it and all required documents to the Permit Center. Staff will review the application to determine if any additional information is needed. Once the application is complete, staff will review the application concurrent with any other permits required by the City. Additional information can be found in the City's Development Standards and in the Mukilteo Municipal Code (MMC).

Applicar	nt		☐ Property Owner	☐ Contractor
Name:	Gwendolyn M. (We	ndy) McHugh, P.E.	Company:	Coffman Engineers, Inc.
Address:	1101 Second Aven	ue, Suite 400	City / State / ZIP:	Seattle, WA, 98101
Email:	wendy.mchugh@c	offman.com	Phone:	206-521-0718
Primary	Contact, if I	Different		
Name:			Company:	
Address:				
Email:			Phone:	
Property	y Owner, if Γ	Different		
Name:	Terry Hara, HOA Pr	esident	Company:	Mukilteo Ridge HOA
Address:	10305 50TH PL W		City / State / ZIP:	MUKILTEO, WA 98275-4225
Email:	theharafamily@gma	il.com	Phone:	425-315-5425
Contract	tor	▼ To Be Determined	☐ Exempt per RCW 18.27	.090 (see below)
company:			Contact Name:	
ddress:			City / State / ZIP:	
Email:			24-Hour Phone:	
State Busine	ess License No.:		Expiration Date:	
Mukilteo Bus	siness License No.:		Expiration Date:	
State Contra	ctor's License No.:		Expiration Date:	
RCW 18.27.0	090 Exemption:	Work will be completed by:		
		☐ RCW 18.27.090(1) Government	nt Entity RCW 18.27.09	90(3) Public Utility



PROJECT INF	ORMATION	
Location / Address:	Undeveloped Parcel	Parcel No(s).: 28-0403-0030-3200
Project Name:	Mukilteo Ridge HOA Steep Slope Restoration	Est. Start/End Date:
Description of Work:	The project consists of the installation o	f a gravity gabion retaining wall to protect the slope from
	future slope failures, and to re-anchor t	he existing drainage pipe to protect the slope.
TYPE(S) OF P	ROPOSED DEVELOPMENT	Complete Sections I – IV, then complete this section.
Title 12 MMC - R	ights-of-Way	
☐ Roadway Develop	oment	□ Right-of-Way see Section I
Review Type (Cl	noose One):	Permit Type (see Fee Schedule for descriptions):
 □ New □ Amendment Development Type (Choose One): □ Multi-Family, Commercial or Industrial □ Short Subdivision □ Full Subdivision 		OC OD OE OF
		NOTE: This application form is for projects with right-of-way and other work. For standalone right-of-way applications or
		applications for utility work within the right-of-way, please use the <i>Right-of-Way Permit</i> application form.
Chapter 15.16 MI	MC – Grading and Excavation	
☐ Clearing Only Total Clearing A	☑ Clearing & Grading see Section II rea, Sq. Ft.: 1,800	☑ Retaining Wall 4 Ft. or Taller, or that Supports Structural Surcharge Loads see Section III
Total Grading Vo	olume, Cubic Yards: 200 cut (bank), 380 fill* (Bank)	nk) - *Fill includes volume of gabion structure.
Chapter 13.12 M	MC – Surface Water Management	
□ Stormwater Plan	Review see Section IV	☐ Stormwater Minimum Requirement Exception
Review Type (C	noose One):	NOTE: Additional Hearing Examiner Fees may apply.
□ New	☐ Amendment ☐ Modification	□ Stormwater System Transfer Fee
	pe (Choose One):	
	imum Requirement (MR) Threshold	
□ MRs 1 – 5	Only □ MRs 1 – 9	
Other Type(s) of	Proposed Development	
□ <u>Development Star</u>	ndards Deviation Request(s)	□ Other:
No. of Requests	:	



SECT	ION I: RIGHT-	-OF-WAY						
Type of	work being performed	in City of Mukilteo right-of-w	/ay (please cl	heck all that	t apply):			
□ Cable	e □ Driveway	☐ Natural Gas ☐ Pov	wer □ S	Sewer	□ Stormwate	r □ Telep	hone [□ Water
□ Front	age Improvements	☐ Small Cell Wireless	☑ Other:	None.				
SECT	ION II: CLEAR	RING AND GRADIN	NG					
Check a	all that apply. Please se	ee the specific definitions in	MMC 15.16.0) <u>20(B)</u> for a	dditional guida	ance.		
1.	Total Area of Land Di	isturbance (Clearing Area):	1,800		Sq. Ft.			
2.		noved: Vegetation within the			of trees, shrubs	and blackberries	mixed togethe	er.
		Sq. Ft.	Shrubs	/ Lawn:		Sq. Ft.	_	
		Sq. Ft.	_ Noxious W	eed Types	:			
3.	Method of Land Distu	ırbance:	☑ Hand C	learing		Machine		Fill includes volu f gabion structu
4.	Land Disturbance Ou	tside the Building Footprint:	□ Exporte	d: 200 c	ut (bank) CY	_ □ Imported:	380 fill* (Bar	nk) CY
	☐ Re-Graded on Sit	e: CY	_ □ Other:		CY	_ Total:		CY
5.	Materials Disposal Si	te Address: Approved upland	location as dir	ected by City	of Mukilteo.			
6.	Maximum Height of F	ill:15	Ft.		Maximun	n Depth of Cut:	23	Ft.
7.	Identify any stream, s	surface water, drainage cours	se, wetland c	or other critic	cal area on or	within 200 ft. of	the site:	
	Tributary 1 to Edgewate	er Creek, Tributary 2 to Edgewa	iter Creek, Edg	ewater Cree	k & Wetland A.	Refer to the Wet	land report.	
SECT	ION III: RETA	INING WALLS						
If a retai	ining wall is proposed,	please check which applies.	. Note: Heigh	t is measur	ed from the bo	ottom of the foo	ting.	
	□ None □ L	Less Than 4 Ft., Not Load Be	earing	∡ 4 Ft. or	r Taller	☑ Any Hei ç	ght <u>and</u> Load	Bearing



SECTION IV: STORMWATER

Important definitions for stormwater and for completing this section:

- **Impervious surfaces** are non-vegetated surface areas that either prevent or impair water entry into the soil. These surfaces cause water to run off the surface in greater quantities or at increased flow rates from natural conditions. Common impervious surfaces include, but are not limited to, roof tops, walkways, patios, gravel, asphalt, concrete and bricked surfaces.
- Hard surfaces include permeable pavement, decks, vegetated roofs, and all impervious surfaces.

Please see the specific definitions in MMC 17.08.020(B) for additional guidance.

A. Does the Project Propose	to
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1.	Result in 2,000 sq. ft. or more of new plus replaced hard surface area?	□ Yes	■ No
2.	Disturb an area of land 7,000 sq. ft. or greater in size?	□ Yes	■ No
3.	Connect to the City's stormwater system?	□ Yes	ĭ No

If the answer to **any** of the above is "**yes**", then a Stormwater Permit is required. Complete Supplemental Stormwater Items B – F **and** provide all required submittals.

If the answer to **all** of the above is "**no**", then a Stormwater Permit is not required. Complete Supplemental Stormwater Items B – E **and**:

- 1. If you are submitting a Building Permit Application as part of this proposal, complete the "Pollution Prevention Considerations" section on page 2 of the Building Permit Application; or
- 2. If you are **not** submitting a Building Permit Application as part of this proposal, complete the "Pollution Prevention Considerations" form included as part of this application.

B. Calculate Existing Impervious Surface Area

Enter the area for all existing impervious surfaces on the property. Only include those items that are impervious. Hard surfaces, such as porous pavement, will be considered in Step 3. If there are none to add, enter "0".

Types of Improvements (Incomplete List)	Description of Area(s) in Sq. Ft. Ex. House (Sq. Ft.), Driveway (Sq. Ft.)	Existing Impervious Surface Area (Sq. Ft.)
Roof Structures (All Buildings):		0
Sidewalks / Walkways:		0
Covered Porch / Deck / Patio:		0
Driveway (incl. Gravel Areas):		0
Parking Lot (incl. Gravel Areas):		0
Other:		
	Item B Total (Total Existing Impervious Surface):	0 Sq. Ft.



X 100

SECTION IV: STORMWATER, CONTINUED

C. Determine if the Project is "New Development" or "Redevelopment"

- If the result is less than 35%, use the flow chart in Item F for "new development".
- If the result is greater than or equal to 35%, use the flow chart in Item F for "redevelopment".

Item B Total (Sq. Ft.):	
Total Site Area (Sq. Ft.):	
	(Item B ÷ Site Area)

Item C Result (% Existing Impervious Cover): 0 %

D. Calculate Existing Hard Surface Area

Enter any existing hard surfaces not included in Item B. If there are none to add, enter "0".

Types of Improvements (Incomplete List)	Description of Area(s) in Sq. Ft. Ex. House (Sq. Ft.), Driveway (Sq. Ft.)	Existing Hard Surface Area (Sq. Ft.)
Green Roof Structures:		
Porous Sidewalks / Walkways:		
Porous Porch / Deck / Patio:		
Porous Driveway / Parking Lot:		
Other:		
	Item D Total (Total Existing Hard Surface):	0 Sq. Ft.

SECTION IV: STORMWATER, CONTINUED

E. Calculate Proposed New and Replaced Hard Surfaces

Include all types of hard (and impervious) surfaces in the table. No "credit" is taken for replaced hard surfaces.

For example, if 1,500 sq. ft. of gravel is replaced with a 1,500 sq. ft. garage, this is entered as 1,500 sq. ft. of replaced hard surface. There is no deduction for the replaced gravel.

Enter "0" for sections that do not apply to your project.

Types of Improvements (Incomplete List)	Description of Area(s) in Sq. Ft. Ex. House (Sq. Ft.), Driveway (Sq. Ft.)	New Area (Sq. Ft.)	Replaced (Sq. Ft.)
Roof Structures (All Buildings):			
Green Roof (Not Incl. Above):			
Sidewalks / Walkways:			
Covered Porch / Deck / Patio:			,
Uncovered Porch / Deck / Patio:			
Driveway (Impervious):			,
Parking (Impervious):			
Pervious Paving Surfaces (All):			
Porous Sidewalks / Walkways:			
Right-of-Way Improvements (All):			
Other:	Retaining Wall and Rock Pad	Abou	t 270
	Subtotals:		
	Item E Total (New Plus Replaced Hard Surfaces):	About	t 270 Sq. Ft.



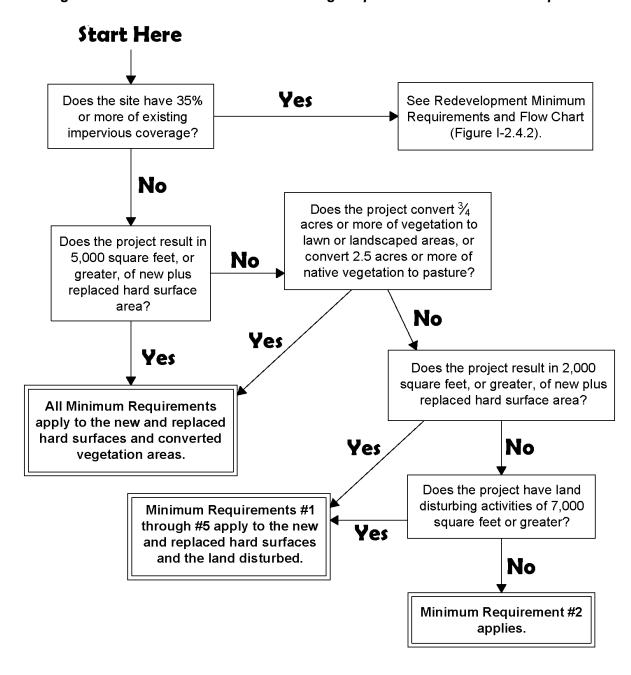
SECTION IV: STORMWATER, CONTINUED

F. Determine Stormwater Minimum Requirements (MRs)

- If the result from Item C is less than 35%, use the flow chart for "new development".
- If the result from Item C is greater than or equal to 35%, use the flow chart for "redevelopment".

Please circle or check your "yes" or "no" answers, below. Then fill in the result on Page 1.

Figure I-2.4.1: Flow Chart for Determining Requirements for New Development







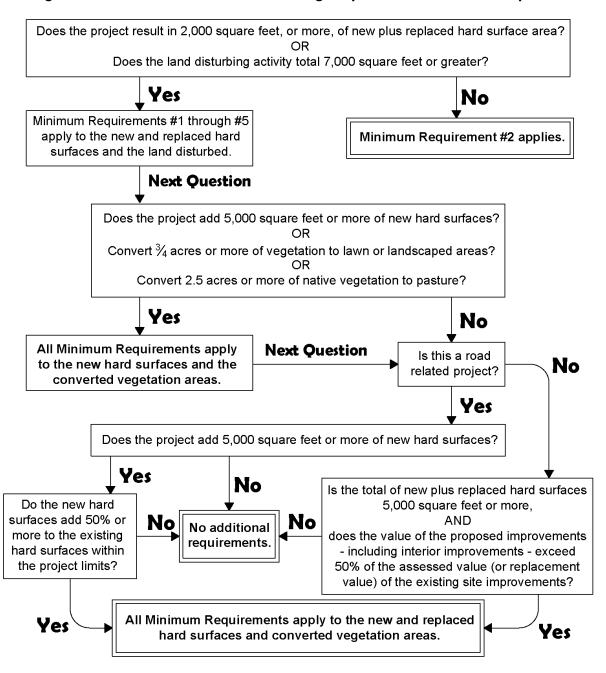
SECTION IV: STORMWATER, CONTINUED

F. Determine Stormwater Minimum Requirements (MRs), cont'd

- If the result from Item C is less than 35%, use the flow chart "new development".
- If the result from Item C is greater than or equal to 35%, use the flow chart for "redevelopment".

Please circle or check your "yes" or "no" answers, below. Then fill in the result on Page 1.

Figure II-2.4.2: Flow Chart for Determining Requirements for Redevelopment





Submitted? Quantity ENGINEERING APPLICATION SUBMITTAL CHECKLIST (Originals) Υ N/A Please submit an electronic copy to permittech@mukilteowa.gov and the number of hard copies as listed below. Hard copies may be delivered to Mukilteo City Hall, sent by mail or delivery service. Please check "N/A" if the submittal does not apply to your proposal. X **Engineering Application** 1 2 Civil Plans - 24" x 36" sheet size, except as noted X a. Cover Sheet 2 X Site Plan 2 X b. Reduced Site Plan - 11" x 17" sheet size 2 X C. 2 X Topography Plan d. Clearing and Grading Plan 2 X 2 Tree Protection and Retention Plan During Construction X f. Temporary Erosion and Sediment Control (TESC) Plan 2 X 2 h. Drainage Site Plan with Profiles and Details X Road and Transportation Plan, including related drainage 2 X i. 2 į. Mukilteo Traffic Control Plan (Temporary Traffic and Pedestrian Control Plan) X 2 Landscape Plan X 2 Soil Management Plan X Ι. m. Utility Plan (existing and proposed) 2 X Geotechnical Full Report 2 X Calculations 2 X 4. Structural Plan for Engineered Walls 2 5. Geotechnical Report for Stormwater X 2 П X Drainage Report / Stormwater Site Plan 6. Stormwater Pollution Prevention Plan (SWPPP) 2 X 7. 2 X 8. Structural Plan for Stormwater Vault Draft Physical Drainage Easement(s) per MMC 13.12.160(F)(1) 1 X X 10. Draft City Stormwater Access Easement(s) per MMC 13.12.160(F)(3) 1 X 11. Draft Stormwater Maintenance Covenant per MMC 13.12.160(F)(7) 1 12. Approved WSDOT Traffic Control Plan (if impacting SR 525, SR 526 and/or SR 526 Spur) X 1 X 1 13. Traffic Analysis / Impact Study Wetland Report 14. Draft Joint-Use & Maintenance Agreement for Private Roads/Joint-Use Driveways 1 X 1 of each 15. Deviation Request(s) on the "Alternate Materials, Methods or Modifications" Form X X 16. Copy of other agency permits, licenses or approvals. 1 of each



Date Stami

INSURANCE

A. Insurance Term

The Permittee shall procure and maintain for the duration of the Permit, insurance against claims for injuries to persons or damage to property which may arise from or in connection with operations or activities performed by or on the Permittee's behalf with the issuance of this Permit.

B. No I imitation

Permittee's maintenance of insurance as required by the Agreement shall not be construed to limit the liability of the Permittee to the coverage provided by such insurance, or otherwise limit the City's recourse to any remedy available at law or in equity.

C. Minimum Scope of Insurance

Applicant shall obtain insurance of the types and coverage described below:

- 1. <u>Commercial General Liability</u> insurance shall be at least as broad as ISO occurrence form CG 00 01 and shall cover liability arising from operations, products-completed operations, and stop-gap liability. There shall be no exclusion for liability arising from explosion, collapse or underground property damage. The City shall be named as an additional insured under the Permittee's Commercial General Liability insurance policy using ISO Additional Insured-State or Political Subdivisions-Permits CG 20 12 or a substitute endorsement providing at least as broad coverage.
- 2. <u>Automobile Liability</u> insurance covering all owned, non-owned, hired and leased vehicles. Coverage shall be at least as broad as Insurance Services Office (ISO) form CA 00 01.

D. Minimum Amounts of Insurance

Permittee shall maintain the following insurance limits:

- 1. <u>Commercial General Liability</u> insurance shall be written with limits no less than \$1,000,000 each occurrence, \$2,000,000 general aggregate and a \$2,000,000 products-completed operations aggregate limit.
- 2. <u>Automobile Liability</u> insurance with a minimum combined single limit for bodily injury and property damage of \$1,000,000 per accident.

E. Other Insurance Provision

The Permittee's Commercial General Liability insurance policy or policies are to contain, or be endorsed to contain that they shall be primary insurance as respect to the City. Any insurance, self-insurance, or self-insured pool coverage maintained by the City shall be excess of the Applicant's insurance and shall not contribute to it.

F. Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best rating of not less than A:VII.

G. Verification of Coverage

Permittee shall furnish the City with original certificates and a copy of the amendatory endorsements, including the additional insured endorsement, evidencing the insurance requirements of the Permittee before issuance of the Permit.

H. Notice of Cancellation

The Permittee shall provide the City with written notice of any policy cancellation, within two (2) business days of their receipt of such notice.

I. Failure to Maintain Insurance

Failure on the part of the Permittee to maintain the insurance as required shall constitute a material breach of the Permit, upon which the City may, after giving five (5) business days' notice to the Permittee to correct the breach, immediately terminate the Permit, or at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the City on demand.

J. City Full Availability of Consultant Limits

If the Permittee maintains higher insurance limits than the minimums shown above, the City shall be insured for the full available limits of Commercial General and Excess or Umbrella liability maintained by the Permittee, irrespective of whether such limits maintained by the Permittee are greater than those required by this contract or whether any certificate of insurance furnished to the City evidences limits of liability lower than those maintained by the Permittee.

The acceptance of the conditions upon which this permit is granted shall be evidenced by the beginning of the installation of said FACILITIES as set forth herein.

INSURANCE ACKNOWLEDGEMENT

I hereby acknowledge that I have read and agree to comply with the above requirements regarding insurance.			
	(To be signed by contractor when selected.)		
Signature:		Date:	



POLLUTION PREVENTION CONSIDERATIONS

The City requires applicants to consider and implement methods to prevent pollution and contaminants from entering the City's stormwater system and natural watercourses, including creeks, streams, ponds, wetlands, and Puget Sound.

Per MMC 13.12.080(A): "No person shall throw, drain, or otherwise discharge, cause or allow others under its control to throw, drain, or otherwise discharge into the municipal storm drain system and/or surface and ground waters, any materials other than stormwater..." Additional examples of prohibited contaminants are listed in the linked code section.

This form applies to all projects that require an Engineering Permit that do not have an associated Building permit. Please initial the boxes below to verify that you understand and agree to comply with each requirement, when applicable.

INITIALS POLLUTION PREVENTION MEASURES

My site is already developed, with existing vegetation. n/a Only the project area indicated on the Permit Application will be disturbed. n/a There will be no dewatering (dewatering is removing of groundwater or surface water from a construction site). No dirt will be allowed to run off the property, enter the road, storm drains, ditches, streams, wetlands, or other water bodies. If dirt will be moved off the site, all storm drain inlets within 150 feet of the project will have storm drain inlet protection (also known as catch basin inserts). My existing, paved or gravel driveway will be the construction entrance. Any construction-related dirt and debris will be swept off the driveway and put into a trash can. No pressure washing debris/water will enter the road, storm drains, or waterways. DS All soil piles not worked for more than 2 days will be covered with plastic. Disturbed soil will have temporary cover (such as straw) during the project, when not being worked on. 14 When the project is complete, disturbed soils will be seeded, vegetated, and/or mulched. All project waste (pollutants) will be kept off of roads, and out of storm drains, ditches, streams, and wetlands. n/a Anticipated waste products are identified below. All erosion control measures, catch basin inserts, and pollutant controls will be removed prior to issuance of the DS project's final permit acceptance. All wastes will be disposed of properly.

ANTICIPATED WASTE PRODUCTS FOR THIS PROPOSAL INCLUDE... (CHECK ALL THAT APPLY)

Exposed concrete aggregate wastewater or other concrete wash out waste		Solid waste
Paint and/or stains		Pressure washing waste
Cleaning solutions or other chemicals or materials	X	Soil, rock, or other earthen debris
Other:		None

POLLUTION PREVENTION ACKNOWLEDGEMENT

As the project applicant / property owner, I understand it is my responsibility to assure that no soils, wash water, or waste products from my project enter the storm drain, are washed into the road, or are allowed to enter any water body. It is my responsibility to assure that my contractors are aware of these requirements.

For disposal information on solid waste, hazardous waste, recycling, and facility locations, visit Snohomish County's website.

<u>πιιρο.//διποπι</u>	innishcountywa.gov/201/30iiu-waste		
	DocuSigned by:		
Signature:	Tarrinder Hara	Date:	2/25/2022
	EC0AED876B844C0		



Date Stami

ADDITIONAL APPROVALS

The following list is meant to pro	ovide guidance. It is th	ne applicant's respons	ibility to identify a	and obtain all required	State, Federal,	and/
or other applicable permits and	provide a copy to the	City prior to issuance	of an Engineerin	na Permit.		

1.	A Department of Ecology Construction Stormwater Permit is required for projects that disturb one (1) acre or more. Will your project disturb one (1) acre or more of land through clearing, excavating, or stockpiling of fill? If yes, complete a <u>Department of Ecology Notice of Intent</u> online.	□ Yes	⊠ No
2.	A <u>Forest Practices Permit</u> from the Washington State Department of Natural Resources (WADNR) is required for all projects removing and selling timber from the property site. Will your project remove and sell timber?	□ Yes	⊠ No
3.	A <u>BNSF Rail Permit</u> is required for all proposals that use or access BNSF Railway right-of-way. Does your project involve BNSF Railway-managed property?	□ Yes	⊠ No
4.	A <u>Hydraulic Permit Approval (HPA)</u> from the Washington State Department of Fish and Wildlife (WADFW) and / or from the US Army Corps of Engineers (USACE) is required for all fill, or work within, over, or under a stream or wetland. Will your project involve stream or wetland?	Yes	□ No
5.	Is this project adjacent to a State Route (SR)? State Routes in Mukilteo include SR 525 (Mukilteo Speedway), SR 526 (Paine Field Boulevard), and the SR 526 Spur (84th St SW between SR 525 to SR 526)? If Yes, submit a WSDOT-approved Traffic Control Plan, and any other required WSDOT approvals.	□ Yes	⊠ No
6.	Will work occur within the allowed construction hours of 7 AM to 9 PM, Monday through Friday, and 9 AM to 7 PM, weekends and holidays? <i>If No, a construction noise variance</i> is required. Application for a noise variance is not a guarantee of approval.	Yes	□ No

INDEMNIFICATION

The permittee shall indemnify, defend and hold harmless the City, its officers, agents and employees, from and against any and all claims, losses or liability, including attorney's fees, arising from injury or death to persons or damage to property occasioned by the construction, installation, operation, location, maintenance, or any other cause related to the improvement for which this permit is granted. With respect to this permit and as to claims against the City, its officers, agents and employees, the permittee expressly waives its immunity under Title 51 of the Revised Code of Washington, the Industrial Insurance Act, for injuries to any employees the permittee may have, and agrees that the obligation to indemnify, defend and hold harmless provided for in this paragraph extend to any claim brought by or on behalf of any employee of the permittee. This waiver has been mutually negotiated by the parties as part of the permitting process and is given, as is the indemnification agreement contained within this paragraph, as consideration for issuance of a right-of-way use permit by the City. This paragraph shall not apply to any damage or injury resulting from the sole negligence of the City, its agents or employees. To the extent any of the damages or injuries referenced by this paragraph were caused by or resulted from the concurrent negligence of the City, its agents or employees, this obligation to indemnify, defend and hold harmless is valid and enforceable only to the extent of the negligence of the permittee, its officers, agents or employees, if any.

The acceptance of the conditions upon which this permit is granted shall be evidenced by the beginning of the installation of said FACILITIES as set forth herein.

CERTIFICATION AND INSURANCE

I hereby acknowledge that I have read this permit application in its entirety and know the same to be true and correct. I agree to comply with all conditions, city ordinances and state/federal laws regulating activities covered by this permit application. I also acknowledge that it is my responsibility to maintain public streets free of dirt and debris.

I further certify that I have read, completed and signed the attached insurance requirements and acknowledgements.

	DocuSigned by:		
Signature:	tarninder Hara	Date: 2/25/2022	
	EC0AED876B844C0 Property Owner		
	DocuSigned by:		
Signature:	Gwendolyn Metrugh	Date: 2/25/2022	
	59DCCB28EED84B4 Applicant, if different		