

FIRE SERVICE PROVIDER REVIEW

Land Use Planning Division



www.multco.us/landuse • Email: land.use.planning@multco.us • Phone: (503) 988-3043

APPLICANT INSTRUCTIONS

Complete the Applicant section of this form and deliver it to the appropriate Structural Fire Service Provider for your area. After the Fire Service Provider completes their review and returns the form to you, include the form (along with any supplemental documents provided to you) with your land use application.

- ☐ A site plan drawn to scale showing the subject property, its improvements, location of fire hydrants and driveway information;
- ☐ A floor plan of the proposed development; and
- ☐ A fire flow report from your water purveyor (if applicable) [Not applicable for Properties served by MCRFD#14 customers]

If your property is not served by a structural fire service provider, your project is to be reviewed by the appropriate building official serving your property.

After the fire official signs this form, include it with your application material.

TO BE COMPLETED BY THE APPLICANT

Site Address: 11499 NE McLoughlin Pky. Cascade Locks, OR 97104

Map, Tax Lot: 1N6E02B -00100 'R' number: R323214

Description of Proposed Use: Cell phone tower

Total Square Footage of Building (including roof projections, eaves & attached structures): 0

Applicant Name: Vertical Bridge VBTS LLC

Mailing Address: 750 Park of Commerce Drive, Boca Raton, FL 33487

Phone #: 773-988-1715 Email Address: shedges@verticalbridge.com

STRUCTURAL FIRE SERVICE PROVIDER REVIEW

Fire Service Provider completing this form: Corbett Fire Dist. #14 Date of Review 11/20/25

- ☒ The subject property is located within our service boundaries or is under contract.
- ☐ The subject property is outside of our service boundaries and the Provider will not be providing fire protection services via contract. (Additional review is not needed.)

**** Access Review by Structural Fire Service Providing Service ****

- ☒ The proposed development is in compliance with the fire apparatus access standards of the Oregon Fire Code standards as implemented by our Provider.
- ☐ The proposed development is not in compliance with the adopted Fire Service Provider's access standards. The proposed building/structure is required to have a fire sprinkler system installed in compliance with Section 903.1.3 (NFPA 13D) of the Oregon Fire Code.
- ☐ The following access improvements must be completed prior to issuance of the building permit and be re-inspected by our Provider before flammable materials are placed on the property. The access improvements required:

**** Fire Flow by Structural Fire Service Providing Service ****

- ☐ The existing fire-flow & flow duration available from public water lines or private well is adequate to serve the proposed development. No mitigation measures are necessary.
- ☐ The existing fire-flow & flow duration available from public water lines or private well is not adequate to serve the proposed non-commercial structure in compliance with the Oregon Fire Code. The following mitigation measures are necessary* and must be installed prior to occupancy or use of the structure.
- ☐ A monitored fire alarm must be installed.
 - ☐ Class A or non-combustible roof materials must be installed.
 - ☐ Defensible space of 30 feet around the structure/building/addition.
 - ☐ A defensible space of 100 feet around the structure/building/addition due to slopes greater than 20%.
 - ☐ A fire sprinkler system meeting Section 903.1.3 (NFPA13D) of the Oregon Fire Code shall be installed.

☒ Other Fire Flow complies w/ NFPA 1142 - No Mitigation

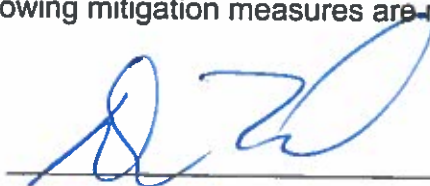
* The above required structural features are required by the Oregon Fire Code and shall be shown clearly on all building plans.

**** Commercial/Industrial Buildings & Uses ****

- ☒ The minimum fire flow and flow duration is available from public water lines or private well as specified in the Oregon Fire Code. No mitigation measures are required.
- ☐ The minimum fire flow & flow duration is not available from public water lines or private well as specified in Oregon Fire Code. The following mitigation measures are required:

11499 NE McLoughlin

Fire Official: Please sign or stamp the presented site plan & floor plan and attach it to this form.



11/20/25

Signature

Date

Dave Flood

Fire Marshal

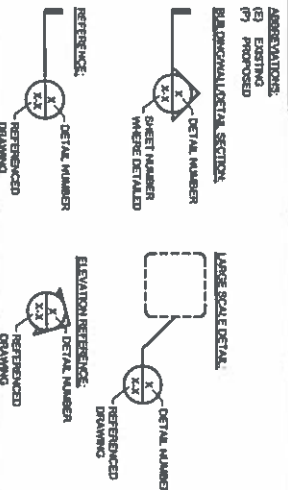
Name & Title of Fire Official

GENERAL NOTES

- WORK SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS. ALL NECESSARY LICENSES, CERTIFICATIONS, ETC., REQUIRED BY APPLICABLE LAW SHALL BE OBTAINED AND MAINTAINED THROUGHOUT THE PROJECT.
- ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARDS SET FORTH IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
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- VERIFY ALL EXISTING DIMENSIONS PRIOR TO PERFORMING WORK.
- VERIFY LOCATION OF ALL BURIED UTILITIES PRIOR TO ANY EXCAVATION.
- IN ALL WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
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LEGEND



LINE/ANTENNA NOTES

- ALL USED STRUCTURAL FASTENERS FOR ANTENNA SUPPORT ASSEMBLIES SHALL CONFORM TO ASTM A193 OR ASTM A194. ALL STRUCTURAL FASTENERS FOR STRUCTURAL STEEL FRAMING SHALL CONFORM TO ASTM A36. FASTENERS SHALL BE OF THE SAME MATERIAL AND GRADE AS THE FASTENERS THEY ARE USED TO FASTEN. FASTENERS SHALL BE OF THE SAME MATERIAL AND GRADE AS THE FASTENERS THEY ARE USED TO FASTEN.
- FOR ALL EXTERNAL GROUND CONNECTIONS, CLAMPS AND CABLES SHALL BE USED TO SECURE THE CABLES TO THE GROUND. THE CABLES SHALL BE OF THE SAME MATERIAL AND GRADE AS THE CABLES THEY ARE USED TO SECURE.
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PROJECT INFORMATION

- THIS IS AN UNCLASSIFIED FACILITY AND RESTRICTED ACCESS EQUIPMENT AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
- VERIZON WIRELESS HAS OBTAINED ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
- THE FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY.
- NO PORTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.
- NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.
- VERIZON WIRELESS MAINTENANCE CREW (TYPICALLY ONE PERSON) WILL MAKE AN AVERAGE OF ONE TRIP PER MONTH AT ONE HOUR PER VISIT.

IMPORTANT NOTICE

THE EXISTING CONDITIONS REPRESENTED HEREIN ARE BASED ON VISUAL OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS. ACORN CONSULTING CANNOT GUARANTEE THE CORRECTNESS OR COMPLETENESS OF THE EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

Approved for 12-19-25

NO.	DATE	REVISION
1	10/20/23	CLIENT DOCUMENT
2	11/01/23	NEW SHEET
3	11/01/23	CLIENT DOCUMENT
4	11/01/23	CLIENT DOCUMENT
5	11/01/23	CLIENT DOCUMENT
6	11/01/23	CLIENT DOCUMENT
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8	11/01/23	CLIENT DOCUMENT
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10	11/01/23	CLIENT DOCUMENT

verizon

Acorn CONSULTING, INC.

verticalbridge

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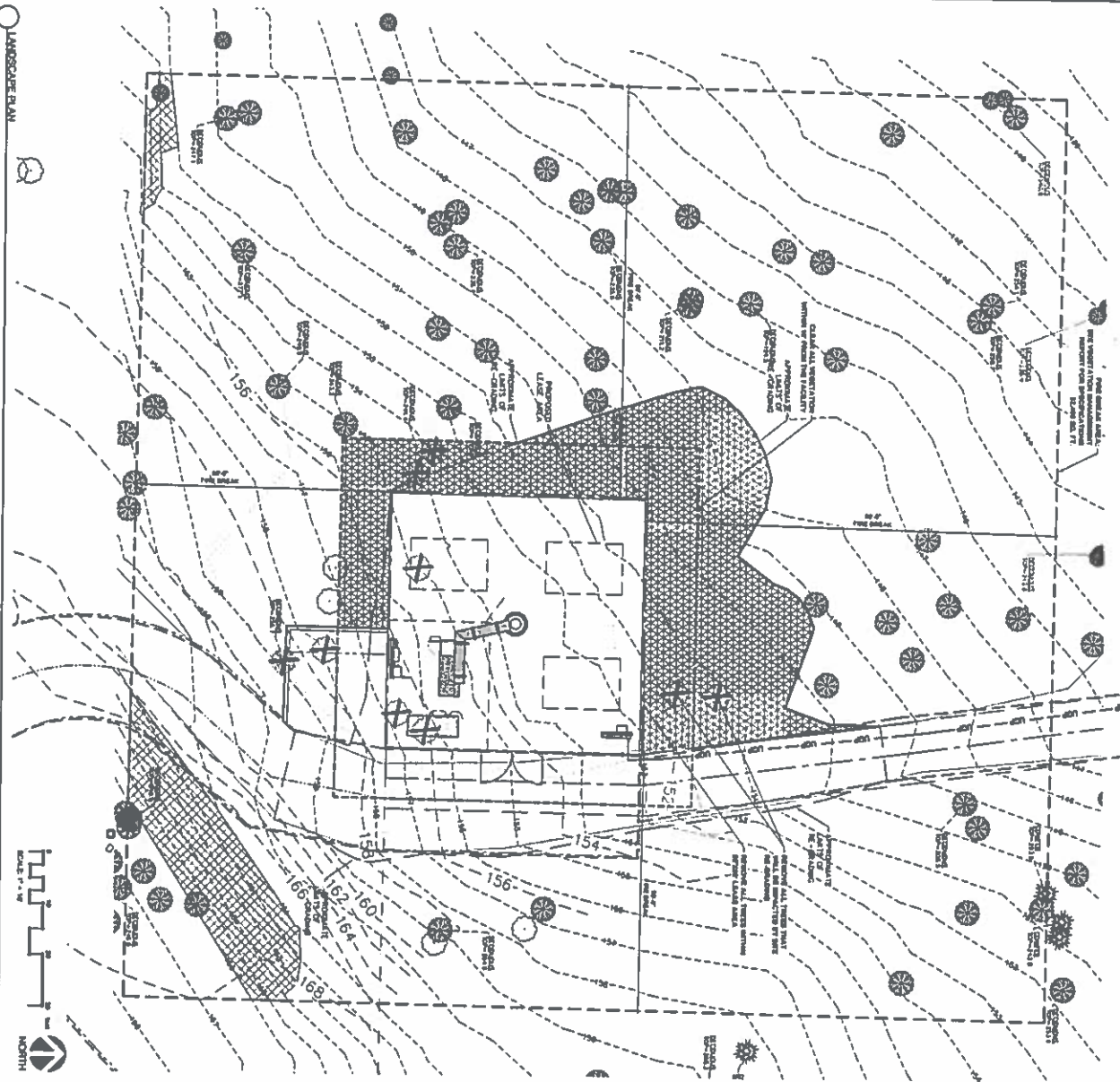
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GENERAL NOTES AND SYMBOLS

T-2



NORTH



LEGEND

EXISTING TREES TO REMAIN
TREES TO BE REMOVED

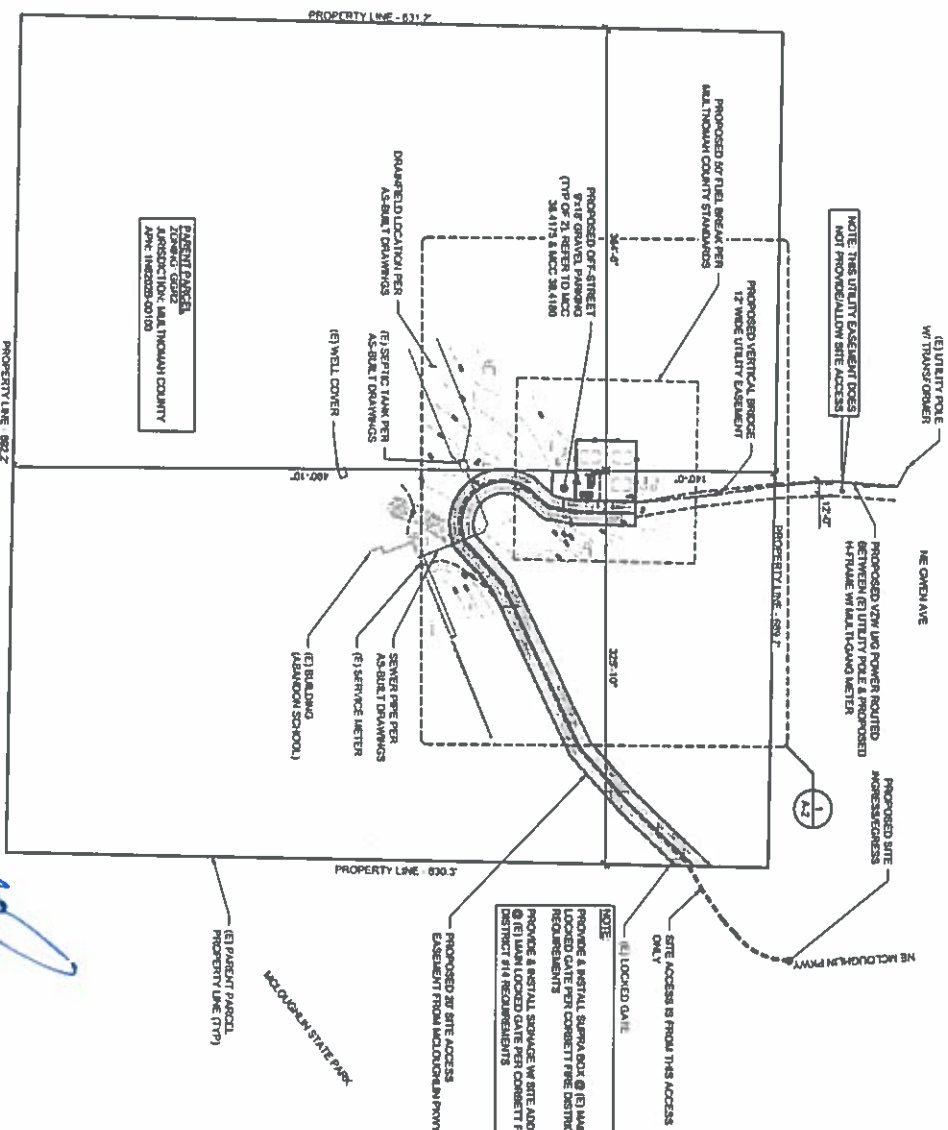
LANDSCAPE SCREENING:

NO NEW PLANTING IS PROPOSED TO SCREEN THE FACILITY EXISTING TREES WILL BE MAINTAINED AND REPLACED AS NEEDED. ANY NEW PLANTING FROM GETTING ESTABLISHED.

*Approved
Caleb Hill
12/19/25*

Clement Halsh Landscape Architects Inc.		REGISTERED LANDSCAPE ARCHITECT Clement Halsh OREGON 11/29/2008		Project Name: Tumalt	
Project Address: 11499 NE McLoughlin Parkway Cascade Locks, OR 97104		Scale: 1" = 10'		Sheet No.: L100	

NOTE: ALL EXISTING CONDITIONS NOTICED IN DRAWINGS ARE DERIVED FROM AERIAL, AERIAL PHOTO, AND FIELD VERIFIED DATA.



- THE PROPOSED INFRASTRUCTURE:**
1. THE PROPOSED INFRASTRUCTURE SHALL BE LOCATED WITHIN THE PROPOSED 12' WIDE UTILITY EASEMENT.
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20' SCALE 1" = 20'



OVERALL SITE PLAN 1

PRELIMINARY DRAWINGS
NOT FOR CONSTRUCTION

CLIENT

verizon

Acorn CONSULTING, INC

verticalbridge

VECTOR

POR TUMULT

11491 NE MCDONOUGH PRIVACY

CASCADE LOCALS, OR 97134

OVERALL SITE PLAN

A-1

DATE

2/1/2020

BY

ACORN CONSULTING, INC

PROJECT

11491 NE MCDONOUGH PRIVACY

CLIENT COMMENTS

ACORN CONSULTING, INC

DATE

2/1/2020

BY

ACORN CONSULTING, INC

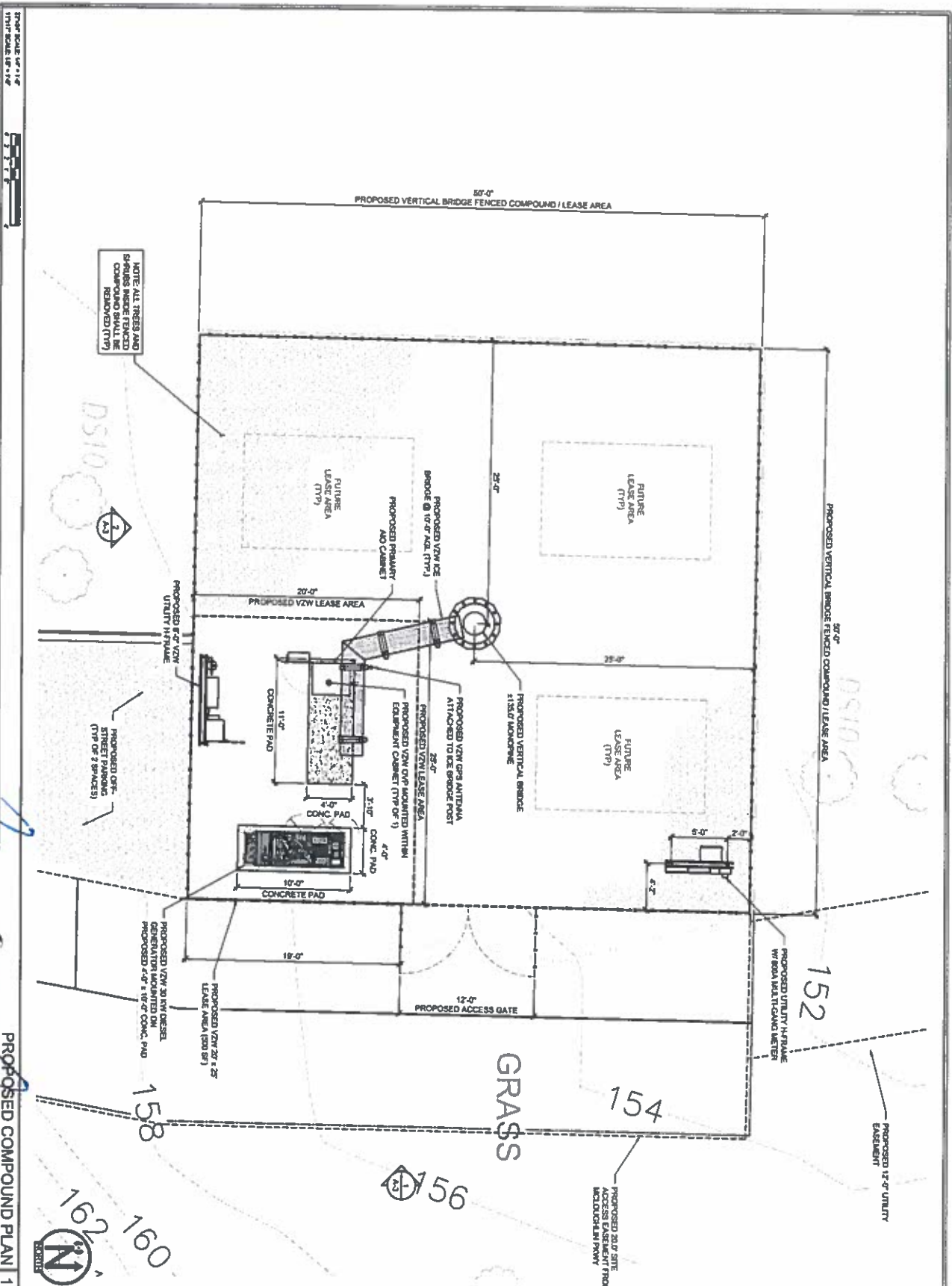
PROJECT

11491 NE MCDONOUGH PRIVACY

CLIENT COMMENTS

ACORN CONSULTING, INC

Approved
Collette H. 12-19-25



**PRELIMINARY DRAWINGS
NOT FOR CONSTRUCTION**

NO.	DATE	BY	REVISION
1	11/15/23	W	CLIENT COMMENTS
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verticalbridge

Acorn CONSULTING, INC.

vector

FOR TUMULT

11499 NE UNIVERSITY AVENUE
CLATSOP COUNTY, OR 97104

PROPOSED COMPOUND PLAN

A-2.1

	
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY 1000 POWER BUILDING, 4TH FLOOR WASHINGTON, D.C. 20540-1101	OFFICE OF PROJECTS AND PROGRAMS 1000 POWER BUILDING, 4TH FLOOR WASHINGTON, D.C. 20540-1101
PROJECT NAME: GENERATOR SPECIFICATIONS PROJECT NUMBER: 10000019074 PROJECT LOCATION: 30MW SSS 12A VIB EXT	PROJECT NAME: GENERATOR SPECIFICATIONS PROJECT NUMBER: 10000019074 PROJECT LOCATION: 30MW SSS 12A VIB EXT

NOTE:
GENERATOR COLOR TO BE DARK GRAY AS REQUIRED BY MAINTENANCE

MANUFACTURER'S SPECIFICATIONS	
MANUFACTURER	GENERAC
MODEL	10000019074
POWER	30KW (40 HP) 20 (20)
FUEL	DIESEL (100 GAL TANK)
TOTAL WEIGHT (NET)	2000 LBS (907 KG) (ENCLOSURE)
MODEL DATA	30 (30 @ 27 INCHES (685.8 CM))
WEIGHT DATA (NET)	(SEE NOTE 1)
GENERATOR AS SHOWN	2000 LBS

- NOTES:**
- REFERENCE MANUFACTURER DRAWING: 300W ENCLOSED 100 GAL (DRAWING: 10000019074)
 - WEIGHT INCLUDES THE GENERATOR SET (NET), ENCLOSURE, AND ALL ACCESSORIES.
 - GENERATOR SET SHALL INCLUDE ALL INTERNAL FIRE CODE (IFC) FUEL CONTAINMENT MEASURES SUCH AS ENGINE FUEL CONTAINMENT, ALARMS ON ALL GENERATOR LIQUIDS AND DOUBLE WALL FUEL TANKS.
 - MAINTENANCE OPERATION DURING DUTY HOURS
 - SOUND LEVEL (SPL) @ 25 FT (PROMPT READING)
 - FUEL TANK LISTED TO UL 142

FUEL TANK NOTES:

VERDOR WIRELESS FUEL TANKS WITH SECONDARY CONTAINMENT

SLAB BASE TANK TESTING:

PRIMARY TANK AND SECONDARY CONTAINMENT BASES SHALL BE PRESURIZED AT 5 PSI AND LEAK CHECKED TO ENSURE INTEGRITY OF SLAB BASE WELDED SEAMS PER UL 142 STANDARDS

FUEL CONTAINMENT BASE (NET) RECY:

SLAB BASE TANK SHALL INCLUDE A WELDED STEEL CONTAINMENT BASE, SIZED AT A MINIMUM OF 125% OF THE TANK CAPACITY TO REVEAL ESCAPE OF FUEL INTO THE ENVIRONMENT IN THE EVENT OF A TANK LEAKAGE

LEAK DETECTION SYSTEM:

A FUEL CONTAINMENT BASE LEAK DETECTOR IS SUPPLIED AND WIRED FOR ALARM CONNECTION WITH THE GENERATOR CONTROL PANEL. A REMOTE ALARM IS ALSO PROVIDED FOR REMOTE MONITORING

SLAB BASE TANK TESTING:

NORMAL AND EMERGENCY VENTING NORMAL AND EMERGENCY VENTING SHALL BE SIZED PER UL 142 SPECIFICATION FOR WETTED SURFACE AREA OF TANK

DIESEL STORAGE NOTES:

UL 142 LISTED DOUBLE WALL SECONDARY CONTAINMENT TANK

DIESEL FUEL IS A CLASS II COMBUSTIBLE HAZARD

VERDOR HAZARD IDENTIFICATION TAGS SHALL BE PLACED ON STATIONARY HAZARDOUS MATERIALS AND AT ENTRANCES TO THE LOCAL OR REMOTE STORAGE AREAS. HAZARDOUS MATERIALS ARE IDENTIFIED BY SPECIFIC ENTRANCES AND LOCATIONS AS DESIGNATED BY THE FIRE MARSHAL

IN ADDITION TO THE HAZARD IDENTIFICATION TAGS REQUIRED BY LOCAL AND STATE CODES, ADDITIONAL HAZARD IDENTIFICATION AND WARNING TAGS SHALL BE PROVIDED AS FOLLOWS:

STATIONARY CONTAINMENT AND TANKS SHALL BE PLACED WITH HAZARDOUS IDENTIFICATION TAGS FOR THE SPECIFIC MATERIALS CONTAINED THEREIN. IN ADDITION, TAGS SHALL BE PROVIDED IN THE FOLLOWING SITUATIONS: IN ROOMS OR AREAS WHERE HAZARDOUS MATERIALS ARE STORED, DISPENSED OR USED IN OPEN SYSTEMS AREAS, TAGS SHALL NOT BE OBSOLETE OR REMOVED. TAGS SHALL BE IN ENGLISH AS THE PRIMARY LANGUAGE OR IN SYMBOLS ALLOWED BY LOCAL AND STATE CODES. TAGS SHALL BE ALUMINUM WITH RED LETTERS WITH 1/2" STROKE IN ACCORDANCE WITH RECOGNIZED STANDARDS

SPECIAL FIRE EXTINGUISHERS SHALL BE PROVIDED AS DETERMINED BY THE FIRE MARSHAL

SPILL CONTROL AND SECONDARY CONTAINMENT SHALL BE PROVIDED IN ACCORDANCE TO LOCAL AND STATE FIRE CODES

STREET WARNING SIGNS SHALL BE ALUMINUM WITH RED LETTERING ON A WHITE BACKGROUND. SIGNS SHALL BE 18" X 24" IN SIZE. SIGNS SHALL NOT BE LESS THAN 9" IN HEIGHT AND 1/2" IN STROKE. NORMAL AND EMERGENCY VENTING FOR UNPROTECTED ABOVE GROUND TANKS SHALL BE PROVIDED IN ACCORDANCE TO LOCAL AND STATE FIRE CODES

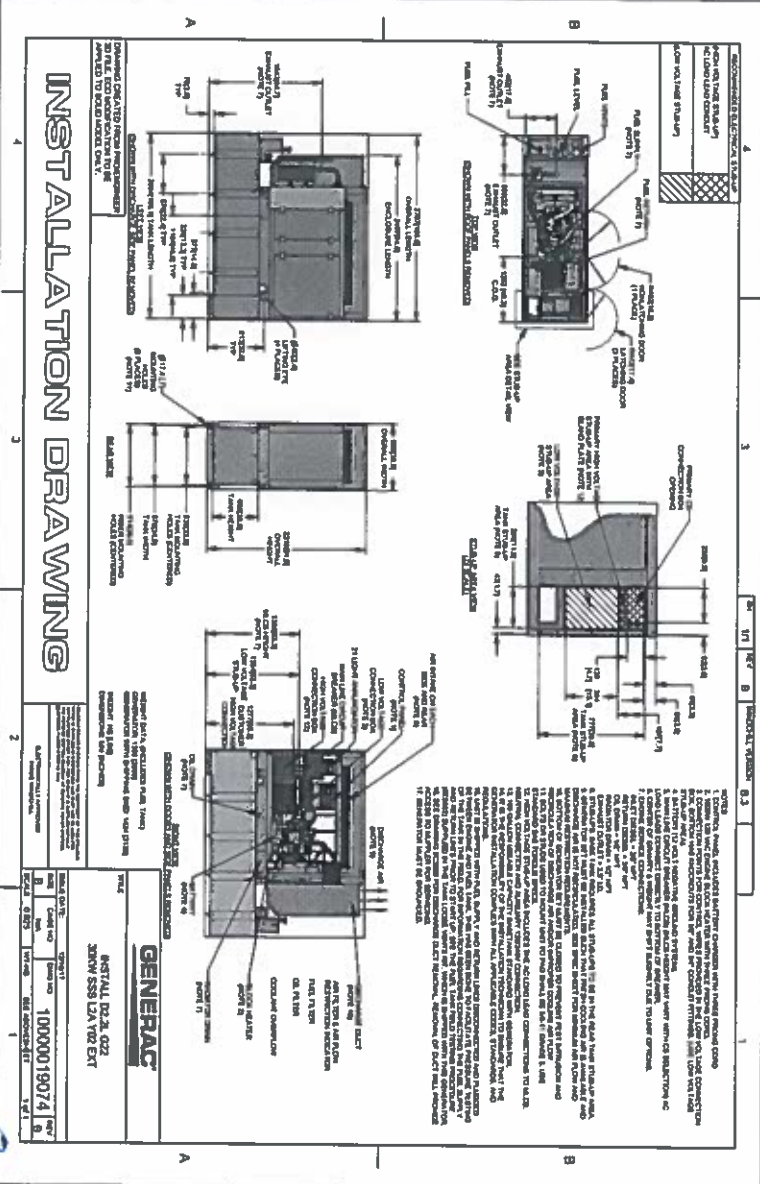
FLAME ARRESTORS, APPROVED FLAME ARRESTORS OR PRESSURE VACUUM BREAKER VALVES SHALL BE INSTALLED IN NORMAL VENTS

SECONDARY CONTAINMENT PROTECTED ABOVE GROUND TANKS SHALL BE PROVIDED WITH SECONDARY CONTAINMENT DRAINAGE CONTROL ON DRAINING IN ACCORDANCE WITH LOCAL AND STATE FIRE CODES

NOTE:

CONTRACTOR SHALL PROVIDE A 5 GAL DIESEL SPILL BOX TO CONTAIN FUEL SPILLS AND/OR OVER FUELING. CONTRACTOR SHALL PROVIDE MANUFACTURER'S EXTERNAL EMERGENCY STOP BUTTON ON GENERATOR.

INSTALLATION DRAWING



GENERATOR SPECIFICATIONS (GENERAC SP30 2.3 30KW W/LEVEL 2 ENCLOSURE) 1

Handwritten: Approved 12-14-25

			
PRELIMINARY DRAWINGS NOT FOR CONSTRUCTION			
GENERATOR SPECIFICATIONS	POR TUMULT	11400 NE INDIAN CREEK CIRCLE, LINDSEY, OR 97134	A-4