

Director's Decision

Summary of Application

FILE NUMBER:	C22-0016
PROPOSAL:	The Columbia River Gorge Commission has received an application for upgrades to an existing communication tower including a backup generator and concrete pad.
APPLICANTS:	Julia Crocker (c/o T-Mobile)
LANDOWNERS:	Schreiner Farms Inc.
SIZE and LOCATION:	The subject parcel is 640 acres in size and is described as Tax Lot Number 02-13-0900-0000/00 in Section 9, Township 2 North, Range 13 East, Willamette Meridian, Klickitat County, Washington.
LAND USE DESIGNATION:	General Management Area (GMA) – Large-Scale Agriculture (160)

Decision

Based upon the findings of fact and conclusions of law in the staff report accompanying this decision and the conditions of approval in this decision document, the land use application by Julia Crocker, for upgrades to an existing communication tower is consistent with Commission Rules chapter 350, division 082, and thus consistent with the *Management Plan for the Columbia River Gorge National Scenic Area* and the standards of Section 6 and the purposes of the Columbia River Gorge National Scenic Area Act, Pub. L. 99-663, 100 Stat. 4274 (1986), and is hereby **APPROVED**.

Conditions of Approval

The following conditions of approval are given to ensure that the subject request is consistent with Commission Rules chapter 350, division 082. Compliance with these conditions of approval is required. The Gorge Commission may take one or more enforcement actions at any time to ensure compliance with these conditions of approval.

1. In accordance with Commission Rule 350-082-0150(3), the applicant shall record the Executive Director's decision and conditions of approval and approved site plan and elevation drawings in county deeds and records (at the Klickitat County Auditor's Office) to ensure notice of the conditions to successors in interest. The record shall be associated with all tax lots and parcels that constitute the subject property. The

applicant need not record the separate staff report document containing the relevant findings and conclusions. Once recorded, the applicants shall submit a copy of the recorded documents to the Executive Director.

2. This decision does not exempt the proposal from other non-National Scenic Area rules and regulations. It is the applicant's responsibility to ensure the use complies with all other applicable federal, state, and county laws and to obtain necessary approvals, including utility easement approvals.
3. Inspections Required, contact the Gorge Commission office to schedule:
 - A. Post-completion inspection required.
 - B. Applicants may request interim inspections, and the Gorge Commission staff may, at its discretion, conduct interim inspections.
4. Any new land uses or structural development, alterations, or grading not included in the approved application or site plan will require a new application and review.
5. All aspects of the proposal shall be dark earth-tone colors. Only approved dark earth-tone colors for exterior materials shall be used. The approved color is Sherwin-Williams 'French Roast' (SW 6069).

The color of the development shall be maintained by painting and staining as necessary to maintain the approved color. Any proposed changes to these colors shall be submitted for review by the Executive Director for consistency with this condition of approval.

6. A professional archaeologist, meeting the Secretary of Interior Standards, is required on site during project implementation to monitor all ground disturbing activities.
7. If cultural resources are discovered, all activities within 100 feet of the cultural resources shall immediately cease and the applicants shall notify the Gorge Commission within 24 hours of discovery and the State Physical Anthropologist, Dr. Guy Tasa at (360) 586-3534 or guy.tasa@dahp.wa.gov. The cultural resources shall remain as found and further disturbance is prohibited until permission is granted by the Executive Director of the Gorge Commission.
8. If human remains are discovered, all activities shall cease immediately upon their discovery. Local law enforcement, the Executive Director and Indian Tribal governments shall be contacted immediately. Further disturbance is prohibited until permission is granted by the Executive Director of the Gorge Commission.

DATED THIS 6 day of December 2022 at White Salmon, Washington.

Kyrtine L. Welch

Krystyna U. Wolniakowski
Executive Director

Expiration of Approval

Commission Rule 350-082-0160 governs the expiration of this Director's Decision.

Expiration of this Director's Decision is automatic. The Executive Director does not notify applicants or landowners of decisions that are expired or may be close to expiring.

This decision of the Executive Director becomes void on the 6 day of December 2024 unless construction has commenced in accordance with Commission Rule 350-082-0160(4).

Commission Rule 350-082-0160(4) specifies that commencement of construction means actual construction of the foundation or frame of the approved structure.

Construction must be completed within two years of the date the applicant commenced construction. Commission Rule 350-082-0160(5) specifies that completion of the structure means completion of the exterior surface(s) of the structure and compliance with all conditions of approval in the National Scenic Area approval. The date of the Executive Director's preconstruction inspection to confirm the location of proposed structural development as required by this decision shall be considered the date the applicant commenced construction, unless the Gorge Commission or applicant demonstrates otherwise.

Once the applicant has commenced construction of one element in this decision, the applicant must complete all elements in this decision in accordance with Commission Rule 350-082-0160. The Gorge Commission does not use different commencement of construction dates for different elements in this decision.

The applicant may request one 12-month extension of the time period to commence construction and one 12-month extension to complete construction in accordance with Commission Rule 350-082-0160(6). The applicant must submit the request in writing prior to the expiration of the approval. If the applicant requests an extension of time to complete construction after commencing construction, the applicant shall specify the date construction commenced. The Executive Director may grant an extension upon determining that conditions, for which the applicant is not responsible, would prevent the applicant from commencing or completing the proposed development within the applicable time limitation. The Executive Director shall not grant an extension if the site characteristics or new information indicate that the proposed use may adversely affect the scenic, cultural, natural or recreation resources in the National Scenic Area.

Appeal Process

The appeal period ends on the 5 of January 2023.

The decision of the Executive Director is final unless the applicant or any other person who submitted comment files a Notice of Appeal with the Commission within thirty (30) days of

the date of this decision. Commission Rule chapter 350, division 70 governs appeal of this decision. This rule is available on the Gorge Commission's website and at the Gorge Commission office. You may contact the Gorge Commission office if you have questions about appealing this decision.

Notes

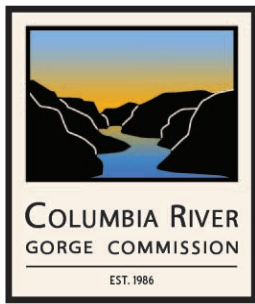
1. Any new land uses or structural development such as driveways, parking areas, garages, workshops, fences or other accessory structures; or additions or alterations not included in the approved application or site plan will require a new application and review. New cultivation also requires a new application and review.
2. This decision does not address local, state, or federal requirements that may be applicable to the proposed development. The landowner is responsible for obtaining all applicable county, state, or federal permits required for the development.

In accordance with Commission Rule 350-082-0150(6), the Gorge Commission staff mailed notice of this decision to the following governments, agencies, and organizations and persons who provided comment on the application:

Confederated Tribes and Bands of the Yakama Nation
Confederated Tribes of the Umatilla Indian Reservation
Confederated Tribes of Warm Springs Reservation of Oregon
Nez Perce Tribe
U.S. Forest Service National Scenic Area Office
Washington Department of Archaeology and Historic Preservation
Klickitat County Planning Department
Klickitat County Building Department
Klickitat County Public Works Department
Klickitat County Health Department
Klickitat County Assessor
Washington Natural Heritage Program
Washington Department of Fish and Wildlife
Steve McCoy, Friends of the Columbia Gorge

Attachments:

Staff Report for C22-0016
Approved site plans and elevation drawings



Development Review Staff Report

Summary of Application

FILE NUMBER:	C22-0016
PROPOSAL:	The Columbia River Gorge Commission has received an application for upgrades to an existing communication tower.
APPLICANTS:	Julia Crocker (c/o T-Mobile)
LANDOWNERS:	Schreiner Farms Inc.
SIZE and LOCATION:	The subject parcel is 640 acres in size and is described as Tax Lot Number 02-13-0900-0000/00 in Section 9, Township 2 North, Range 13 East, Willamette Meridian, Klickitat County, Washington.
LAND USE DESIGNATION:	General Management Area (GMA) – Large-Scale Agriculture (160)

Notice of Application Mailed to:

In accordance with Commission Rule 350-082-0110, the Gorge Commission staff mailed notice of this application to property owners within 200 feet of the subject parcel and sent email notice of this application to the following governments, agencies, and organizations:

Confederated Tribes and Bands of the Yakama Nation
Confederated Tribes of the Umatilla Indian Reservation
Confederated Tribes of Warm Springs
Nez Perce Tribe
U.S. Forest Service National Scenic Area Office (USFS CRGNSA)
Washington Department of Archaeology and Historic Preservation (DAHP)
Klickitat County Planning Department
Klickitat County Building Department
Klickitat County Public Works Department
Klickitat County Health Department
Klickitat County Assessor
Skamania County
Washington Natural Heritage Program
Washington Department of Fish and Wildlife (WDFW)
Friends of the Columbia Gorge

Written Comments Received From:

Friends of the Columbia Gorge (Steve McCoy, Staff Attorney)
USFS CRGNSA (Chris Donnermeyer, Heritage Resource Program manager)

Findings of Fact

A. Land Use

1. Julia Crocker, working on behalf of T-Mobile, is seeking approval for upgrades to an existing communications tower. The property is designated GMA Large-Scale Agriculture.
2. The project consists of installing a standby generator system for the existing tower. The project includes a new concrete pad and generator, power distribution for the generator, an automatic transfer switch, and remote monitoring communications circuitry.
3. Commission Rule 350-082-0240(2) allows uses listed in Commission Rule 350-082-0220 'Development and Uses Eligible for Expedited Review' on lands designated Large-Scale Agriculture in the GMA. Commission Rule 350-082-0220(1)(r)(A) allows new above ground utility facilities through the expedited review process. It states:

Modify existing aboveground and overhead utility facilities or, except in Agriculture-Special, develop new aboveground and overhead utility facilities including building and equipment foundations, poles, transformers, conduit, fencing, pumps, valves, pipes, and water meters, provided the development would be less than or equal to 120 square feet in area and less than or equal to 12 feet in height.

The existing tower was constructed in 1998 under the approval of Director's Decision C98-0023-K-G-21. The proposed new concrete pad will be 56 sq ft (7 ft x 8 ft) and the generator will be 9.5 ft long, 3.5 ft wide and 8 ft tall, consistent with this rule. The proposed utility facility is eligible for expedited review, consistent with Commission Rule 350-082-0220(1)(r)(A).

Land Use Conclusion:

The proposed development is an allowed expedited review use, subject to compliance with the guidelines in Commission Rule 350-082-0220 that protect scenic, cultural, natural and recreation resource treaty rights.

B. SCENIC RESOURCES

1. Commission Rule 350-082-0220(2)(a) includes scenic resource protection guidelines for uses eligible for the expedited review process. Commission Rule 350-082-0220(2)(a)(B) states:

Except signs, the colors of structures topographically visible from key viewing areas shall be dark earth-tones found at the specific site or the surrounding

landscape. The specific colors approved by the reviewing agency shall be included as a condition of approval. This guideline shall not apply to additions to existing buildings smaller in total area in square feet than the existing building, which may be the same color as the existing building.

The development site is located on a south-facing hillside at an elevation of 1,840 ft. The tower is topographically visible in the middle ground (1 to 4 miles) and background (greater than 4 miles) from three Key Viewing Areas (KVAs) to the south: the Columbia River, I-84, and the Historic Columbia River Highway, all of which are located at much lower elevations. Previous Decisions for the communication tower required the tower and antennas to be painted Sherwin-Williams 'French Roast' (SW 6069). A condition of approval is included in the Director's Decision requiring all elements of the proposal to be this color, consistent with Commission Rule 350-082-0220(2)(a)(B).

2. Commission Rule 350-082-0220(2)(a)(C) states:

Except signs, structures topographically visible from key viewing areas shall use low or non-reflective building materials, including roofing, gutters, vents, and chimneys.

A condition of approval is included in the Director's Decision requiring a flat, low-reflective finish consistent with Commission Rule 350-082-0220(2)(a)(C).

3. Commission Rule 350-082-0220(2)(a)(D) states:

Any exterior lighting shall be sited, limited in intensity, hooded, and shielded in a manner that prevents lights from being highly visible from key viewing areas and from noticeably contrasting with the surrounding landscape setting, except for road lighting necessary for safety purposes. Shielding and hooding materials shall be composed of non-reflective, opaque materials.

No exterior lighting fixtures are proposed.

4. Commission Rule 350-082-0220(2)(a)(E) states signs shall comply with 350-082-0520.

No new signs are proposed.

5. Commission Rule 350-082-0220(2)(a)(F) states:

Structures within one-half mile of a key viewing area and topographically visible from the key viewing area shall be sited, screened and designed to achieve the applicable scenic standard (e.g., visual subordination, not visually evident).

The proposed development is located over a mile north of SR 14 and is not located within a half mile of any KVA. Commission Rule 350-82-0220(2)(a)(F) is not applicable.

Scenic Resources Conclusion:

The proposed development is consistent with the expedited review guidelines for scenic resources in Commission Rule 350-81-0220.

C. CULTURAL RESOURCES

1. Commission Rule 350-082-0220(2)(b) includes cultural resource protection provisions for uses eligible for the expedited review process. Commission Rule 350-082-0220(2)(b)(A) states:

The expedited development review process shall only be used to review proposed development that does not require a reconnaissance survey or historic survey as determined by 350-082-0620(2)(a)(A).

Chris Donnermeyer, Heritage Resources Program Manager for the Columbia River Gorge National Scenic Area, provided a cultural resources survey determination for the proposed development on November 30, 2022. Mr. Donnermeyer determined that the proposed development does not require a reconnaissance survey or historic survey pursuant to Commission Rules 350-81-540(1)(c)(A) and (B) because the proposed use would involve the modification, expansion, replacement, or reconstruction of existing buildings and structures, would occur on sites that have been disturbed by human activities, does not occur within 500 feet of a known archaeological site, would not alter the exterior architectural appearance of significant buildings and structures that are 50 years old or older, and would not compromise features of the surrounding area that are important in defining the historic or architectural character of significant buildings or structures that are 50 years old or older.

Mr. Donnermeyer noted the project site is within 100 ft of a high probability area. The project is in an area of previous disturbance, but the depth of the existing disturbance is unknown. The depth of the proposed project (min. 2ft. below ground surface), has the potential to encounter native soils. Mr. Donnermeyer recommends the applicant hire a professional archaeologist, meeting the Secretary of Interior Standards, to conduct monitoring of all ground disturbing activities during project implementation. A condition of approval is included requiring the applicants to have an archeologist on site to monitor ground disturbing activities.

2. Commission Rule 350-082-0220(2)(b)(B) states:

The GMA guidelines that protect cultural resources and human remains discovered during construction (350-082-0620(6) and (7)) shall be applied as conditions of approval for all development approved under the expedited development review process, including development in the SMAs.

Commission Rule 350-082-0620(6) protects cultural resources discovered during construction, and Commission Rule 350-082-0620(7) contains provisions addressing discovery of human remains during construction. Conditions of approval are included in the director's decision consistent with these rules.

Cultural Resources Conclusion

With conditions protecting unknown cultural resources and human remains discovered during construction, the proposed development is consistent with the expedited review guidelines for cultural resources in Commission Rule 350-82-0220.

D. NATURAL RESOURCES

1. Commission Rule 350-082-0220(2)(d) includes natural resource protection provisions for uses eligible for the expedited review process. Proposed developments reviewed using the expedited review process must comply with the resource protection guidelines to be eligible for expedited review.
2. Commission Rule 350-082-0220(2)(d)(A) contains guidelines for the protection of water resources. It states:

The development is outside buffer zones for wetlands, streams, rivers, ponds, and lakes. This guideline shall not apply to lot line adjustments or development located inside road, utility or railroad rights-of-way or easements that have been previously disturbed and regularly maintained.

Intermittent streams originate above the communication site and pass to the west and east. Pursuant to Commission Rule 350-082-0640(6)(g), intermittent streams have 50-foot buffers. The proposal is located more than 400 feet from any stream and outside buffer zones. The proposal will not be located within the vicinity of any wetlands, rivers, ponds, or lakes. Given this information, the proposed development is consistent with 350-082-0220(2)(d)(A)

3. Commission Rule 350-082-0220(2)(d)(B) contains guidelines for consistency with the expedited review process for the protection of sensitive wildlife and sensitive plants. It states:

Sensitive Wildlife and Rare Plants

The development meets one of the following:

(I) The development is at least 1,000 feet from known Priority Habitats or sensitive wildlife sites (excluding sensitive aquatic species and deer and elk winter range) and known rare plants.

(II) The development does not disturb the ground or is inside road, utility or railroad rights-of-way or easements or other areas that have been previously disturbed and regularly maintained.

(III) For sensitive wildlife, the development is within 1,000 feet of known Priority Habitats or sensitive wildlife sites (excluding sensitive aquatic species and deer and elk winter range), but an appropriate federal or state wildlife agency determines the Priority Habitat or sensitive wildlife site is not active, the proposed development would not compromise the integrity of the Priority Habitat or wildlife area, or the proposed development would not occur during the time of the year when wildlife species are sensitive to disturbance.

(IV) For rare plants, the development is within 1,000 feet of known rare plants, but the Oregon Biodiversity Information Center or Washington Natural Heritage Program or a person with recognized expertise in botany or plant ecology hired by the applicant has determined that the development would be at least 200 feet from the rare plants.

Development eligible for expedited review shall be exempt from the field survey requirements for sensitive wildlife or rare plants in 350-082-0650(1)(d) and (2) and 350-082-0660(1)(d) and (2).

There are no known sensitive plants or wildlife areas or sites on the subject property or within 1,000 feet. The development will occur within a fenced area that has been used and maintained as a telecommunications site. As such, the site has been previously disturbed and regularly maintained. The proposed addition is consistent with the natural resource protection measures in Commission Rule 350-082-0220(2)(d)(B).

Natural Resources Conclusion:

The proposed development is consistent with the expedited review use guidelines in Commission Rule 350-082-0220(1)(d) that protects natural resources in the National Scenic Area.

E. RECREATION RESOURCES

1. Commission Rule 350-082-0220(2)(c)(A) requires new development approved under the expedited review process to not detract from the use and enjoyment of recreation sites on adjacent parcels.

No established recreation sites exist on adjacent properties.

Recreation Resources Conclusion:

The proposed development is consistent with Commission Rule 350-082-0220(1)(c)(A) that protects recreation resources in the National Scenic Area.

F. TREATY RIGHTS PROTECTION

1. Commission Rule 350-082-0220(2)(e) describes the treaty rights protection guidelines for expedited review uses.
2. Commission Rule 350-082-0220(2)(e)(A) states:

Proposed developments shall not affect or modify any treaty or other rights of any Indian tribe.

The proposal will not affect or modify treaty or other rights of any Indian tribe, consistent with this rule.

3. Commission Rule 350-082-0220 (2)(e)(B) states:

The expedited development review process shall cease and the proposed development shall be reviewed using the full development review process if a tribal government submits substantive written comments during the comment period that identify the treaty rights that exist in the project vicinity and explain how they would be affected or modified by the proposed development.

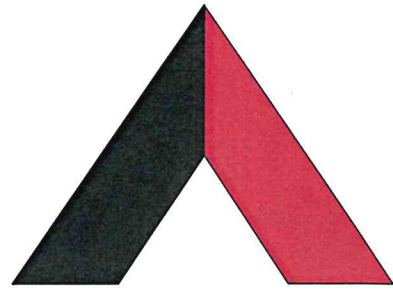
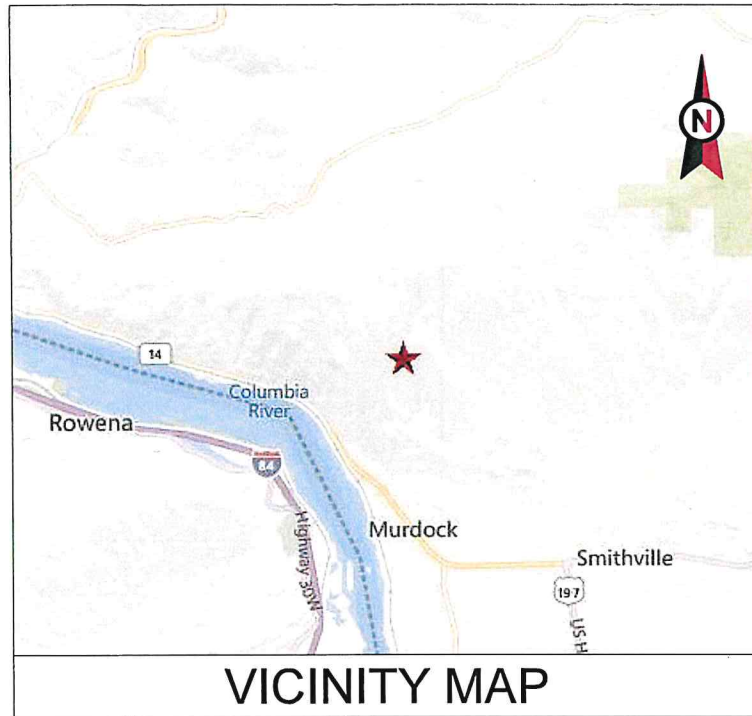
No substantive comments were received.

Treaty Rights Conclusion:

The proposed development is consistent with the treaty rights protection guidelines for expedited review uses in Commission Rule 350-082-0220(2)(e).

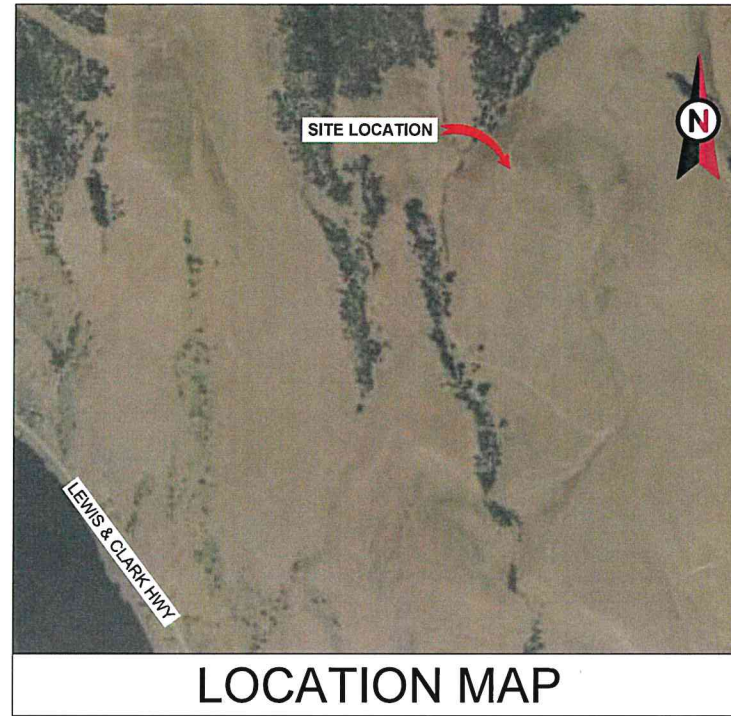
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FIND0016.22



AMERICAN TOWER®

ATC SITE NAME: MURDOCK
 SITE NUMBER: 310462
 SITE ADDRESS: WINDY POINT JEEP TRAIL/P.O. BOX 449
 LYLE, WA 98635



AMERICAN TOWER®
 ATC TOWER SERVICES, LLC
 3500 REGENCY PARKWAY
 SUITE 100
 CARY, NC 27518
 PHONE: (919) 468-0112
 COA: 3408

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE ARE THE EXCLUSIVE PROPERTY OF AMERICAN TOWER. THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.

REV.	DESCRIPTION	BY	DATE
A	PRELIM	FR	06/28/22

ATC SITE NUMBER:
310462

ATC SITE NAME:
MURDOCK

SITE ADDRESS:
WINDY POINT JEEP TRAIL/P.O. BOX 449
LYLE, WA 98635

SEAL:

**PRELIMINARY:
NOT FOR
CONSTRUCTION**



DRAWN BY:	FR
DATE DRAWN:	06/28/22
ATC JOB NO:	14048684_M4

TITLE SHEET

SHEET NUMBER: G-001	REVISION: A
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Full site plan required

**SHARED GENERATOR PROGRAM
ANCHOR TENANT**

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX					
<p>ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.</p> <ol style="list-style-type: none"> 2018 INTERNATIONAL BUILDING CODE (IBC) 2020 NATIONAL ELECTRIC CODE (NEC) LOCAL BUILDING CODE CITY/COUNTY ORDINANCES 	<p><u>SITE ADDRESS:</u> WINDY POINT JEEP TRAIL/P.O. BOX 449 LYLE, WA 98635 COUNTY: KLICKITAT</p> <p><u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 45.67942278 LONGITUDE: -121.1912312 GROUND ELEVATION: 1846' AMSL</p> <p><u>ZONING INFORMATION:</u> JURISDICTION: KLICKITAT PARCEL NUMBER: 0213090000000</p>	<p>THE PROPOSED PROJECT INSTALLS AN OPTIONAL STANDBY GENERATOR SYSTEM, AUTOMATIC TRANSFER SWITCH, GENERATOR AUXILIARY POWER DISTRIBUTION, AND REMOTE MONITORING COMMUNICATIONS CIRCUITRY FOR A COMMUNICATION TOWER TENANT.</p> <p>PROJECT NOTES</p> <ol style="list-style-type: none"> THE FACILITY IS UNMANNED. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. HANDICAP ACCESS IS NOT REQUIRED. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7). 	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:	
	<p>PROJECT TEAM</p> <p><u>ATC REGIONAL NETWORK DEVELOPMENT PROJECT MANAGER:</u> ASHLEY WALLS (949) 255-3434</p> <p><u>ATC NETWORK OPERATIONS CENTER:</u> (877) 518-6937</p> <p><u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801</p> <p><u>PROPERTY OWNER:</u> SCHREINER FARMS INC 105 EAST 8TH OLYMPIA, WA 98501</p> <p><u>ENGINEERED BY:</u> ATC TOWER SERVICES 3500 REGENCY PARKWAY SUITE 100 CARY, NC 27518</p>		<p>PROJECT LOCATION DIRECTIONS</p> <p>4 WHEEL DRIVE REQUIRED. PROCEED ON I-84 TO THE DALLES, CROSS THE DALLES BRIDGE INTO WASHINGTON AND TURN LEFT AT THE INTERSECTION ONTO HWY 14; TURN RIGHT AT THE SCHREINER FARMS SIGN ONTO A GRAVEL ROAD; PROCEED THROUGH THE ROCKY BLUFFS AND CONTINUE TO THE FIRST SHEEP GATE (PLEASE CLOSE ALL GATES THAT YOU PASS THROUGH); ROAD VEERS RIGHT ALONG THE FENCE LINE; PROCEED THE FOURTH GATE (WATCH OUT FOR COWS) FOR 0.3 MILES; VEER RIGHT AT THE Y IN THE ROAD AND CONTINUE 0.4 MILES TO THE LEFT HAIRPIN TURN AND PROCEED THROUGH THE 5TH GATE WHERE ROAD BECOMES DIRT WITH ROCKS; CONTINUE UP THE ROAD TO THE SITE DRIVEWAY ON THE RIGHT.</p>	G-001	TITLE SHEET	A	06/28/22	FR
	<p>UTILITY COMPANIES</p> <p>POWER COMPANY: KLICKITAT COUNTY PUD PHONE: (800) 548-5907</p> <p>TELEPHONE COMPANY: EMBARQ PHONE: (800) 786-6272</p>		<p>811 Know what's below. Call before you dig.</p>	G-002	GENERAL NOTES	A	06/28/22	FR
			C-101	SITE PLAN	A	06/28/22	FR	
			C-501	CONCRETE PAD DETAILS	A	06/28/22	FR	
			E-601	ELECTRICAL ONE-LINE AND WIRING DETAILS	A	06/28/22	FR	
			R-601	SUPPLEMENTAL				
			R-602	SUPPLEMENTAL				
			R-603	SUPPLEMENTAL				

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
4. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
5. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
6. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
9. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
10. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ATC CM PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE ATC CM PRIOR TO PROCEEDING.
11. EACH CONTRACTOR SHALL COOPERATE WITH THE ATC CM, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
12. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE ATC CONSTRUCTION MANAGER.
13. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
14. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE ATC CONSTRUCTION MANAGER IMMEDIATELY.
15. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
16. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
17. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
18. CONTRACTOR SHALL FURNISH ATC WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
19. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH ATC CM TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
20. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH ATC CONSTRUCTION MANAGER TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY ATC. ALL REQUIRED PERMITS NOT OBTAINED BY ATC MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
21. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH ATC SPECIFICATIONS AND REQUIREMENTS.
22. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO ATC FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
23. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO ATC SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
24. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
25. CONTRACTOR SHALL NOTIFY ATC CM A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
26. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
27. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS

REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.

28. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE ATC CM. ANY WORK FOUND BY THE ATC CM TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
29. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.

CONCRETE AND REINFORCING STEEL NOTES:

1. DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF ALL APPLICABLE CODES INCLUDING: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 117 "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS", AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
2. MIX DESIGN SHALL BE APPROVED BY ATC CM PRIOR TO PLACING CONCRETE.
3. CONCRETE SHALL BE NORMAL WEIGHT, 6 % AIR ENTRAINED (+/- 1.5%) WITH A SLUMP RANGE OF 3-5" AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI UNLESS OTHERWISE NOTED.
4. THE FOLLOWING MATERIALS SHALL BE USED:
 PORTLAND CEMENT: ASTM C150, TYPE 2
 REINFORCEMENT: ASTM A185, PLAIN STEEL WELDED WIRE FABRIC
 REINFORCEMENT BARS: ASTM A615, GRADE 60, DEFORMED
 NORMAL WEIGHT AGGREGATE: ASTM C33
 WATER: ASTM C 94/C 94M
 ADMIXTURES:
 -WATER-REDUCING AGENT: ASTM C 494/C 494M, TYPE A
 -AIR-ENTERING AGENT: ASTM C 260/C 260M
 -SUPERPLASTICIZER: ASTM C494, TYPE F OR TYPE G
 -RETARDING: ASTM C 494/C 494M, TYPE B
5. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE NO LESS THAN 3".
6. A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 301 SECTION 4.2.4, UNLESS NOTED OTHERWISE.
7. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL, OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ATC CM APPROVAL WHEN DRILLING HOLES IN CONCRETE.
8. ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN "METHOD 1" OF ACI 301.
9. DO NOT WELD OR TACK WELD REINFORCING STEEL.
10. ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT.
11. REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
12. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
13. DO NOT ALLOW REINFORCEMENT, CONCRETE OR SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR A MINIMUM OF 3 DAYS AFTER PLACEMENT.
14. FOR COLD-WEATHER(ACI 306) AND HOT-WEATHER(ACI 301M) CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS, MINIMUM.
15. ALL CONCRETE SHALL HAVE A "SMOOTH FORM FINISH."
16. UNLESS OTHERWISE NOTED:
 A. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615/A 615M/A-996, GRADE 60.
 B. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
17. SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT DRAWINGS OR AS ACCEPTED BY THE ENGINEER. UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPLICED TO DEVELOP ITS FULL TENSILE CAPACITY (CLASS A) IN ACCORDANCE WITH ACI 318.
18. REINFORCING BAR DEVELOPMENT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318, FORM THE BASIS FOR BAR EMBEDMENT LENGTHS AND BAR SPLICED LENGTHS SHOWN IN THE

DRAWINGS. APPLY APPROPRIATE MODIFICATION FACTORS FOR TOP STEEL, BAR SPACING, COVER AND THE LIKE.

19. DETAILING OF REINFORCING STEEL SHALL CONFORM TO "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315).
20. ALL SLAB CONSTRUCTION SHALL BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION JOINTS, UNLESS SHOWN IN THE CONTRACT DRAWINGS.
21. LOCATION OF ALL CONSTRUCTION JOINTS ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, CONFORMANCE WITH ACI 318, AND ACCEPTANCE OF THE ENGINEER. DRAWINGS SHOWING LOCATION OF DETAILS OF THE PROPOSED CONSTRUCTION JOINTS SHALL BE SUBMITTED WITH REINFORCING STEEL PLACEMENT DRAWINGS.
22. SPLICES OF WWF, AT ALL SPLICED EDGES, SHALL BE SUCH THAT THE OVERLAP MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRE PLUS 2 INCHES, NOR LESS THAN 6".
23. BAR SUPPORTS SHALL BE ALL-GALVANIZED METAL WITH PLASTIC TIPS.
24. ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT BY CONSTRUCTION TRAFFIC OR CONCRETE. TIE WIRE SHALL BE OF SUFFICIENT STRENGTH FOR INTENDED PURPOSE, BUT NOT LESS THAN NO. 18 GAUGE.
25. SLAB ON GROUND:
 A. COMPACT SUBGRADE AND ENSURE THERE IS PLACE 6" GRAVEL BENEATH SLAB.
 B. PROVIDE VAPOR BARRIER BENEATH SLAB ON GROUND.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
2. STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
 A. ASTM A-572, GRADE 50 - ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE
 B. ASTM A-36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE
 C. ASTM A-500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)
 D. ASTM A-325, TYPE SC OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS
 E. ASTM F-1554 07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE
3. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695.
4. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.
5. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. CONNECTIONS:
 A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.
 B. ALL WELDS SHALL BE INSPECTED VISUALLY. 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.
 C. INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
 D. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE BURNING/WELDING PERMITS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
 E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.
 F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.
 G. PRIOR TO FIELD WELDING GALVANIZING MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING 1/2" BEYOND ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.



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△			
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ATC SITE NUMBER:
310462

ATC SITE NAME:
MURDOCK

SITE ADDRESS:
WINDY POINT JEEP TRAIL/P.O. BOX 449
LYLE, WA 98635

SEAL:

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DRAWN BY:	FR
DATE DRAWN:	06/28/22
ATC JOB NO:	14048684_M4

GENERAL NOTES

SHEET NUMBER: G-002	REVISION: A
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SITE PLAN NOTES:

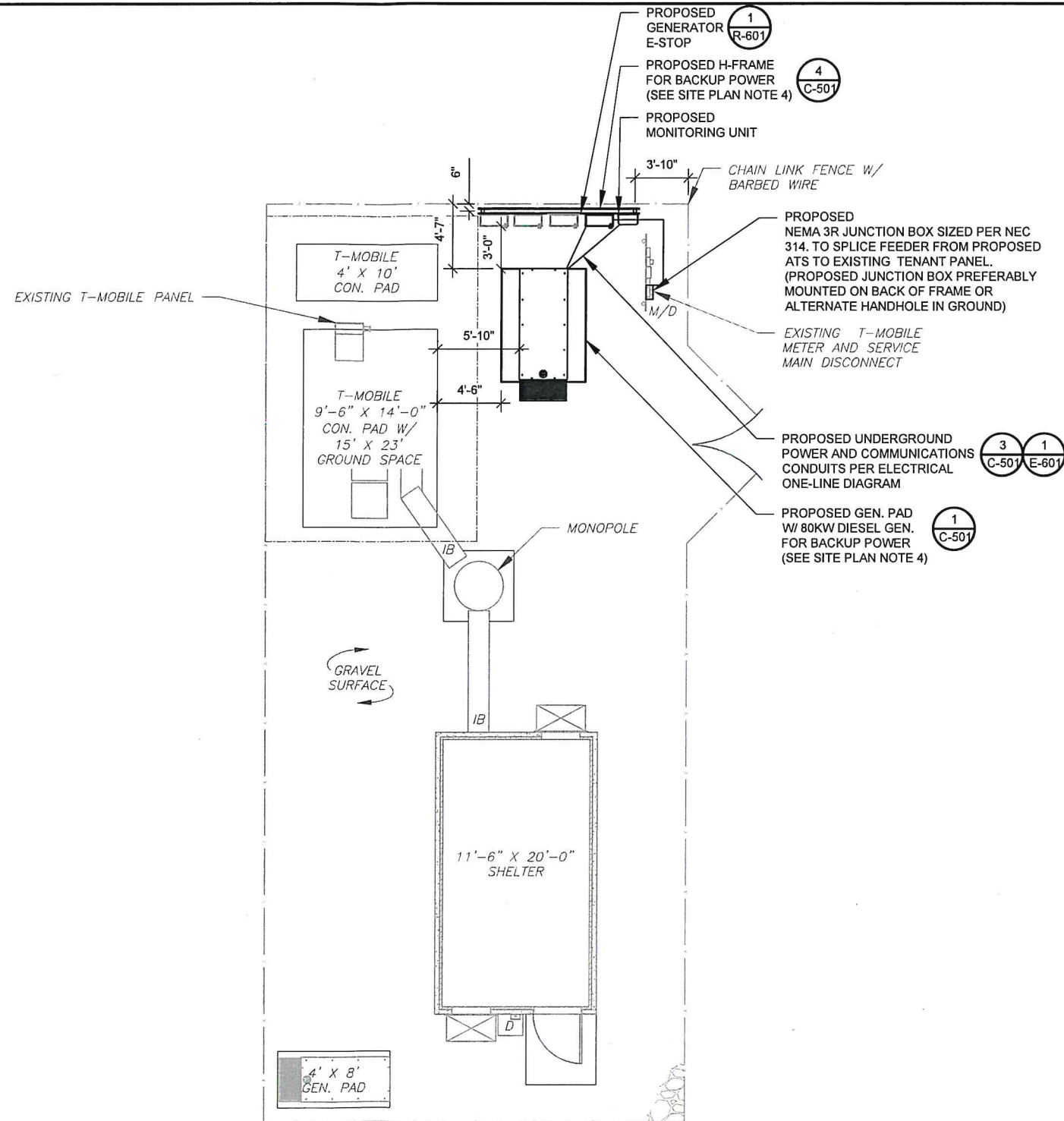
- THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
- ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE ATC CONSTRUCTION MANAGER AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT.
- CONTRACTOR SHALL INSURE THAT ALL WORKING SPACE REQUIREMENTS ARE MET PER APPLICABLE CODES AND MANUFACTURER SPECIFICATIONS.
- ABOVE GROUND CONDUITS NEED TO BE SUPPORTED/FASTENED PER NEC 344, NEC 352, AND PER ATC CONSTRUCTION SPECIFICATIONS.
- THE FOLLOWING SIGNS SHALL BE INSTALLED AT TENANT SERVICE MAIN DISCONNECT PER NEC 702.7.
 - "CAUTION: TWO SOURCES OF SUPPLY STANDBY GENERATOR LOCATED OUTDOORS"
 - "WARNING: SHOCK HAZARD EXISTS IF GROUNDING ELECTRODE CONDUCTOR OR BONDING JUMPER CONNECTION IN THIS EQUIPMENT IS REMOVED WHILE ALTERNATE SOURCE IS ENERGIZED"

RODENT CONTROL AROUND GENERATOR ENVELOPE:

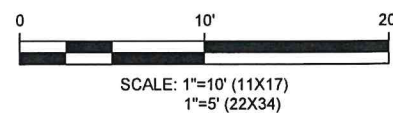
- INSTALL ALL PROVIDED SEALS, PLUGS, COVERS, ETC. IN GENERATOR AND FUEL TANK ENVELOPE. SEAL ALL REMAINING OPENINGS (EXCEPT NORMAL VENTING) WITH RODENT FOAM SEALANT. NO OPENING SHALL BE LARGER THAN 1/4 INCH ANY DIMENSION.
- SEAL ALL CONDUITS INCLUDING CONDUITS ENTERING GENERATOR EQUIPMENT, BOXES, ATTACHMENTS, ETC. WITH RODENT FOAM SEALANT.
- SEAL ALL CONDUIT ACCESS OPENINGS THROUGH CONCRETE PAD WITH CONCRETE.
- SLOPE GRAVEL BASE AT CONCRETE PAD PERIMETER FROM ABOVE PAD BASE TO EXISTING GRADE LEVEL TYPICAL ALL PERIMETER SIDES.

LEGEND	
⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
---	CHAINLINK FENCE

APPROXIMATE TRENCH DISTANCES	
12'	POWER CONDUIT TRENCH



1 SITE PLAN



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SITE ADDRESS:
WINDY POINT JEEP TRAIL/P.O. BOX 449
LYLE, WA 98635

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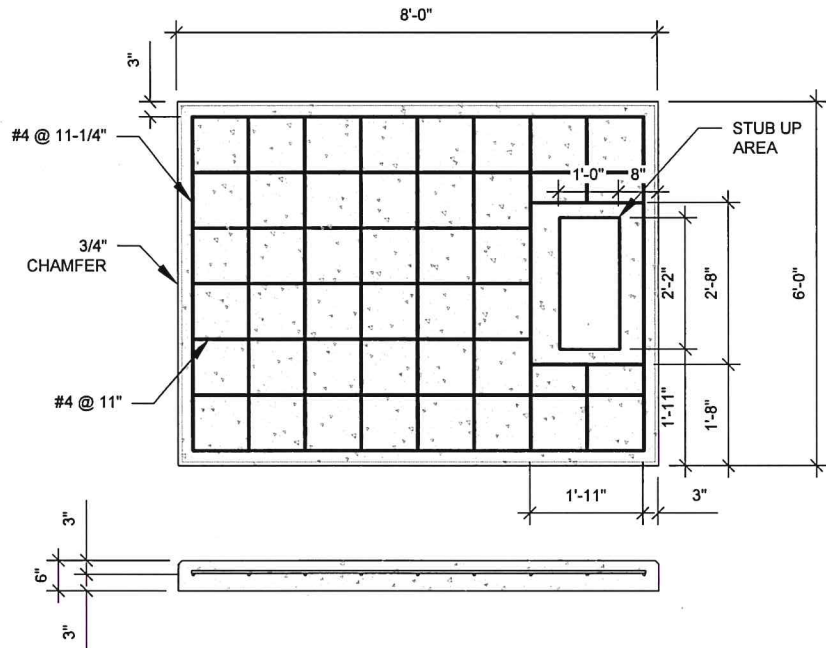
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SITE PLAN

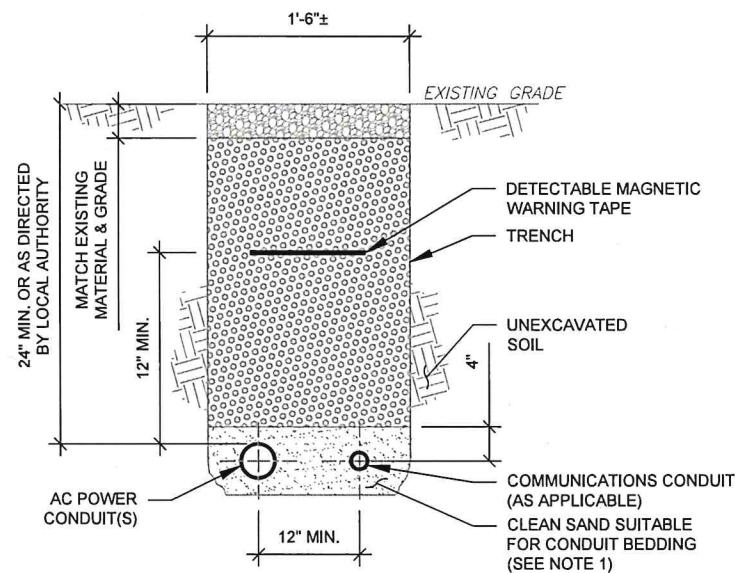
SHEET NUMBER: C-101	REVISION: A
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PAD NOTES:

1. PADS SHALL BE PRE-CAST MATCHING THIS DESIGN WHERE ALLOWED BY LOCAL JURISDICTION.
2. PADS SHALL HAVE A MIN 28 DAY COMPRESSIVE STRENGTH AS SPECIFIED ON G-002, CONCRETE AND REINFORCING STEEL NOTES #3
3. REFER TO CONCRETE & REINFORCED STEEL NOTES ON SHEET G-002 & ATC CONSTRUCTION SPECIFICATION 033000 FOR CAST-IN-PLACE PADS.
4. STUB UP AREA SHALL BE FILLED WITH QUIKRETE, OR APPROVED EQUAL, PRIOR TO FINAL SET OF GENERATOR ON PAD.
5. AFTER FINAL SET OF GENERATOR ON PAD, GROUT ALL EXTERIOR OPENINGS AT PAD INTERFACE SO THAT FINISHED MAXIMUM OPENING SHALL BE 1/4 INCH.
6. GROUT SHALL BE PER ATC CONSTRUCTION SPECIFICATION DIVISION 03, CONCRETE.

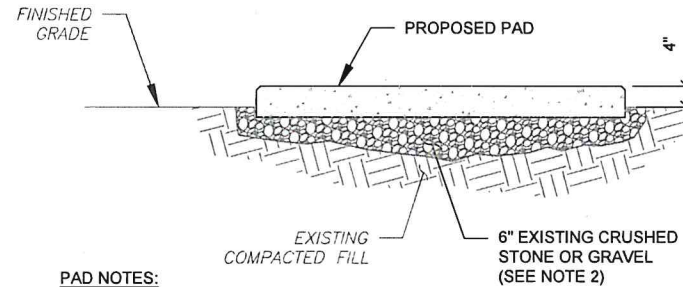
1 REINFORCED PAD LAYOUT
SCALE: N.T.S.



TRENCH NOTES:

1. IF FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, EXCAVATED MATERIAL MAY BE USED FOR BACKFILL. IF NOT, PROVIDE CLEAN, COMPACTIBLE MATERIAL.
2. COMPACT IN 8" LIFTS USING A MECHANICAL PLATE TAMPER, MIN 3 PASSES. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILLING. CONTRACTOR TO VERIFY LOCATION OF EXISTING U/G UTILITIES PRIOR TO DIGGING. SEE ATC CONSTRUCTION SPECIFICATION 312000 SECTION 3.15.
3. IF CURRENT AS-BUILT DRAWINGS ARE NOT AVAILABLE CONTRACTOR SHALL HAND DIG U/G TRENCHING.
4. CONFIRM SPACING AND DEPTH WITH NEC OR LOCAL CODE REQUIREMENTS

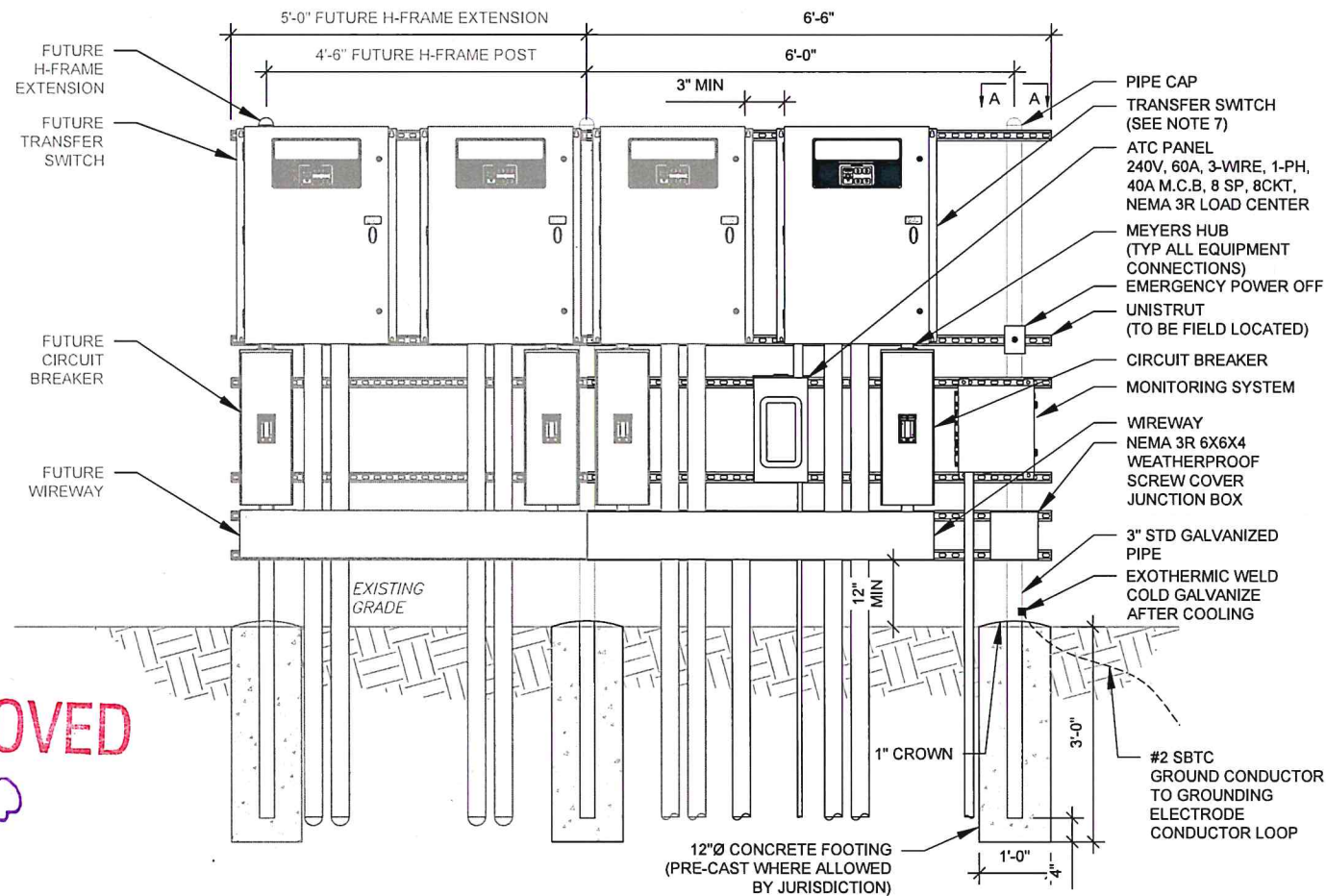
3 CONDUIT TRENCH DETAILS
SCALE: N.T.S.



PAD NOTES:

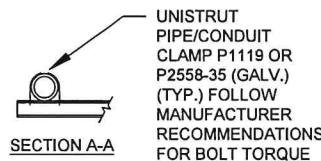
1. SUBGRADE AND FILL SHALL CONSIST OF CLEAN SOIL. DELETERIOUS MATERIAL AND ORGANICS SHALL BE REMOVED.
2. MECHANICALLY COMPACT FOOTPRINT OF PAD PLUS 2' PERIMETER USING A MECHANICAL PLATE TAMPER, MIN 3 PASSES. SEE ATC CONSTRUCTION SPECIFICATION 312000 ACCESS ROAD AND EARTH WORK.
3. USE GALVANIZED HILTI EXPANSION ANCHORS OR, APPROVED EQUAL, FOR EQUIPMENT ANCHORAGE.
4. FOR SIZE AND LOCATION OF ANCHORS AND OTHER REQUIREMENT, SEE EQUIPMENT VENDOR DRAWINGS.

2 GRAVEL PREPARATION
SCALE: N.T.S.



H-FRAME NOTES:

1. IF IT IS NECESSARY TO EXTEND THE H-FRAME, AN ADDITIONAL POST SHALL BE REQUIRED.
2. PROPOSED UNISTRUTS TO BE FIELD CUT AND SHALL NOT EXTEND MORE THAN 6 INCHES BEYOND THE LAST POST.
3. SPRAY ENDS OF UNISTRUT WITH COLD GALVANIZING SPRAY PAINT, ALLOW TO DRY, THEN COVER WITH RUBBER PROTECTIVE CAPS FOR SAFETY.
4. UNISTRUT TO BE CUT FLUSH WITH NO SHARP OR JAGGED EDGES.
5. ALL PROPOSED HARDWARE TO BE MOUNTED AND GROUNDED PER MANUFACTURERS SPECS
6. ALL ITEMS ARE PROPOSED UNLESS OTHERWISE NOTED.
7. LAYOUT H-FRAME & PROPOSED EQUIPMENT EXACTLY AS SHOWN TO ALLOW FOR FUTURE EQUIPMENT. ANY DEVIATIONS MUST BE APPROVED BY ATC CM, IN WRITING, NO EXCEPTIONS.
8. FOOTINGS SHALL BE ONE OF THE FOLLOWING: USS POLECRETE STABILIZER SYSTEM, PRECAST CONCRETE (WHERE ALLOWED BY JURISDICTION) OR CAST IN PLACE. FOR PRECAST FOOTINGS, CONTRACTORS SHALL THOROUGHLY COMPACT THE PERIMETER (2' MIN) OF FOOTING WITH MECHANICAL PLATE TAMPER.



APPROVED
KW

4 H-FRAME
SCALE: N.T.S.



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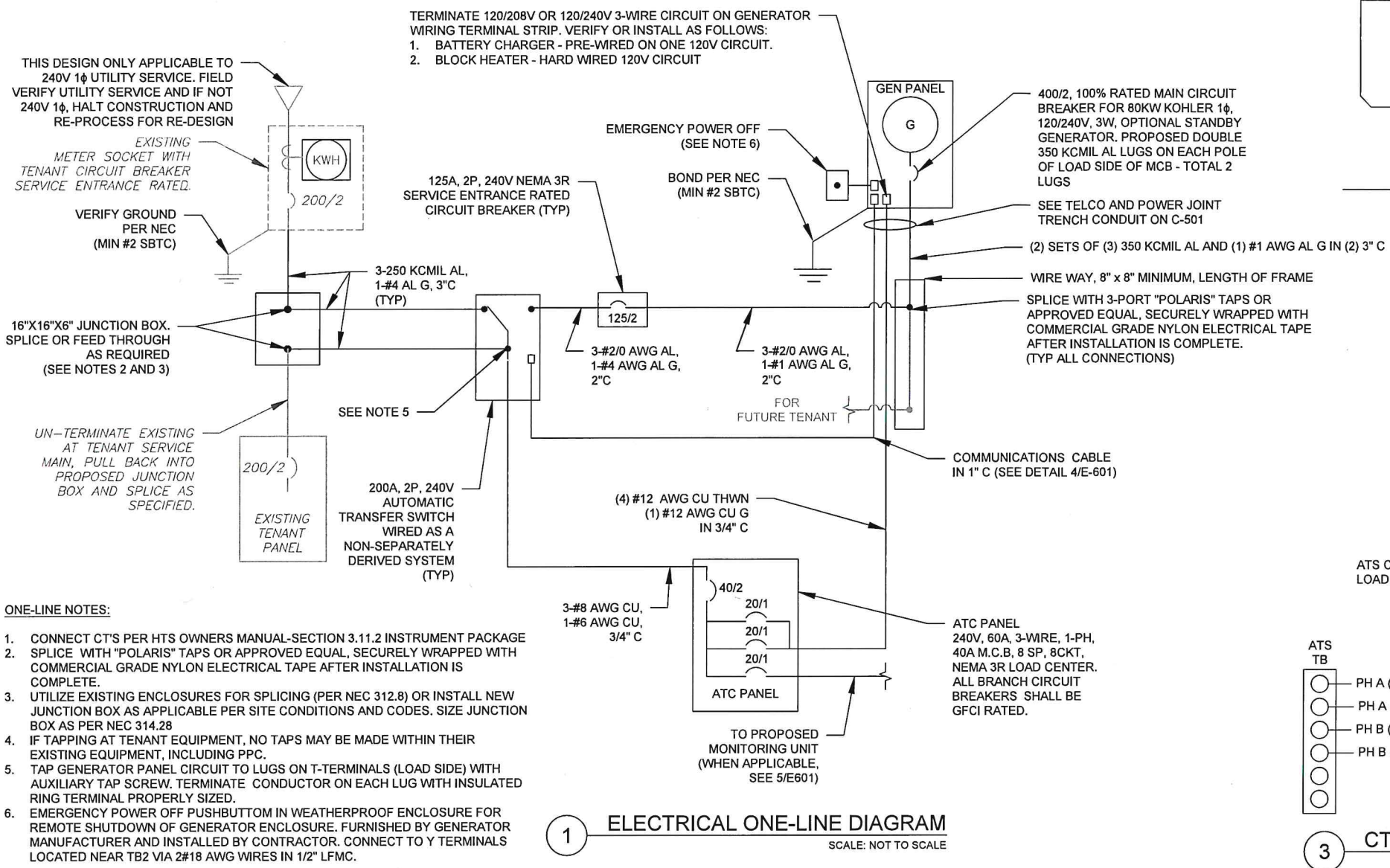
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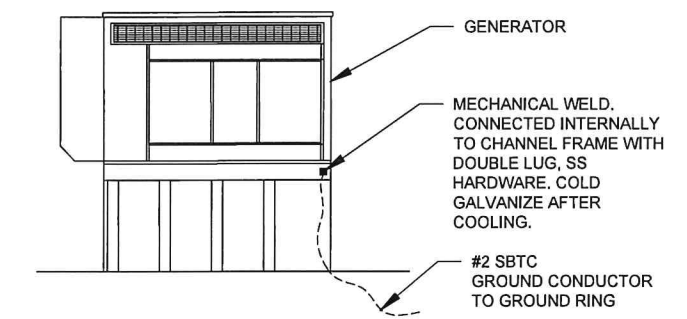
**CONCRETE PAD
DETAILS**

SHEET NUMBER: C-501	REVISION: A
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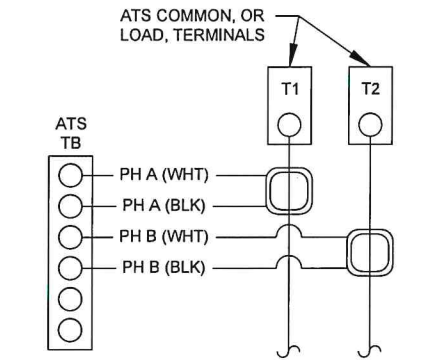
1 ELECTRICAL ONE-LINE DIAGRAM
SCALE: NOT TO SCALE



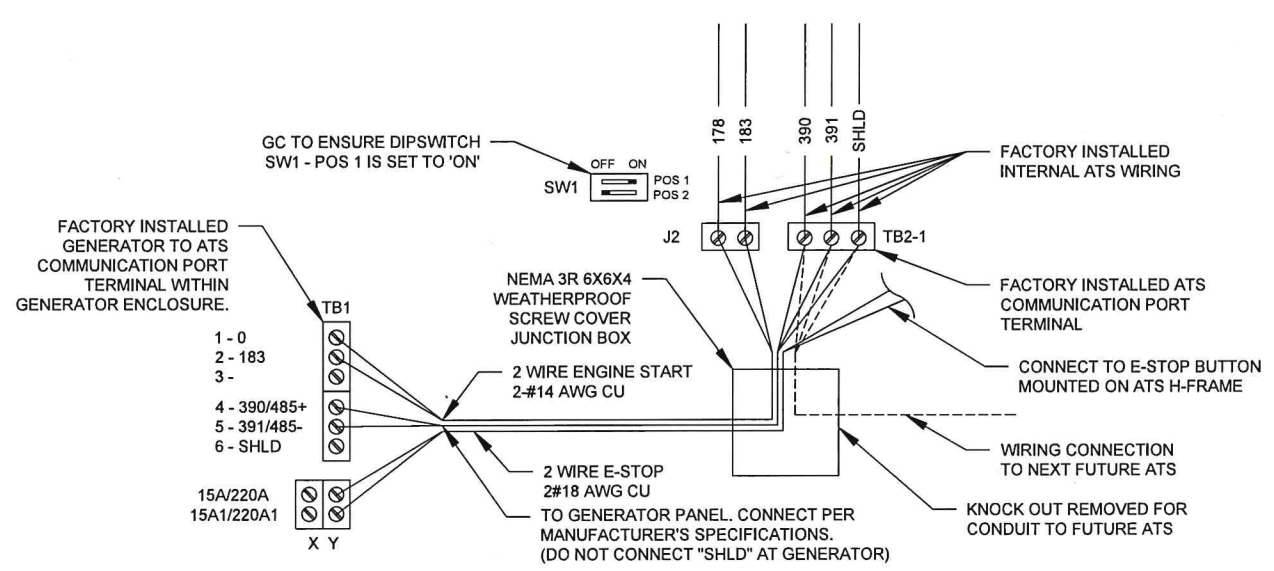
GENERATOR INSTALLATION NOTE:
 INSTALL GENERATOR AND TRANSFER SWITCH WITH ALL SUPPLIED ACCESSORIES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SPECIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, ACCESSORIES FOR THE EXHAUST SYSTEM, FUEL SYSTEM, ENCLOSURE INTEGRITY (CAPS, PLUGS, COVERS, ETC.), ELECTRICAL CONNECTIONS, AND GROUNDING CONNECTIONS.

2 GENERATOR GROUNDING
SCALE: NOT TO SCALE

DEMAND LOAD CALCULATION	
GENERATOR LOADS	2.5 KW
TENANT PANEL DEMAND LOADS	25.0 KW
TOTAL DEMAND LOADS (KW)	27.5 KW
TOTAL DEMAND CURRENT (A)	114.5 A
AT 120/240V, 1PH, 3W	



3 CT WIRING DIAGRAM
SCALE: NOT TO SCALE



4 COMMUNICATIONS CABLE DETAIL
SCALE: NOT TO SCALE

- NOTES:
 1. INSTALL NETWORK OPERATING CENTER (NOC) MONITORING COMMUNICATION SYSTEM (RMC-700) ON MAIN UTILITY H-FRAME. THE RMC-700 IS FURNISHED BY ATC, COMPLETE WITH MOUNTING BRACKETS.
 2. INSTALL EXTERNAL ANTENNA KIT (FURNISHED BY ATC). ANTENNA MOUNTS TO KENTROX ENCLOSURE OR MOUNTED TO H-FRAME. FEED CABLE THROUGH RMC-700 ENTRY PORT #3 AND CONNECT TO ANTENNA PORT TX/RX. HAND TIGHTEN ONLY. LEAVE POWER AND DATA CABLES IN RMC-700 UNCONNECTED FOR COMMISSIONING TEAM
 3. BRANCH CIRCUIT WIRING FOR MONITORING DEVICE SHALL BE 2-#12 AWG CU, 1-#12 AWG CU G, IN 3/4" C.

5 PROPOSED MONITORING
SCALE: NOT TO SCALE

AMERICAN TOWER®
 ATC TOWER SERVICES, LLC
 3500 REGENCY PARKWAY
 SUITE 100
 CARY, NC 27518
 PHONE: (919) 468-0112
 COA: 3408

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REV.	DESCRIPTION	BY	DATE
△	PRELIM	FR	06/28/22
△			
△			
△			
△			

ATC SITE NUMBER:
310462

ATC SITE NAME:
MURDOCK

SITE ADDRESS:
WINDY POINT JEEP TRAIL/P.O. BOX 449
LYLE, WA 98635

SEAL:

**PRELIMINARY:
NOT FOR
CONSTRUCTION**

T-Mobile

DRAWN BY:	FR
DATE DRAWN:	06/28/22
ATC JOB NO:	14048684_M4

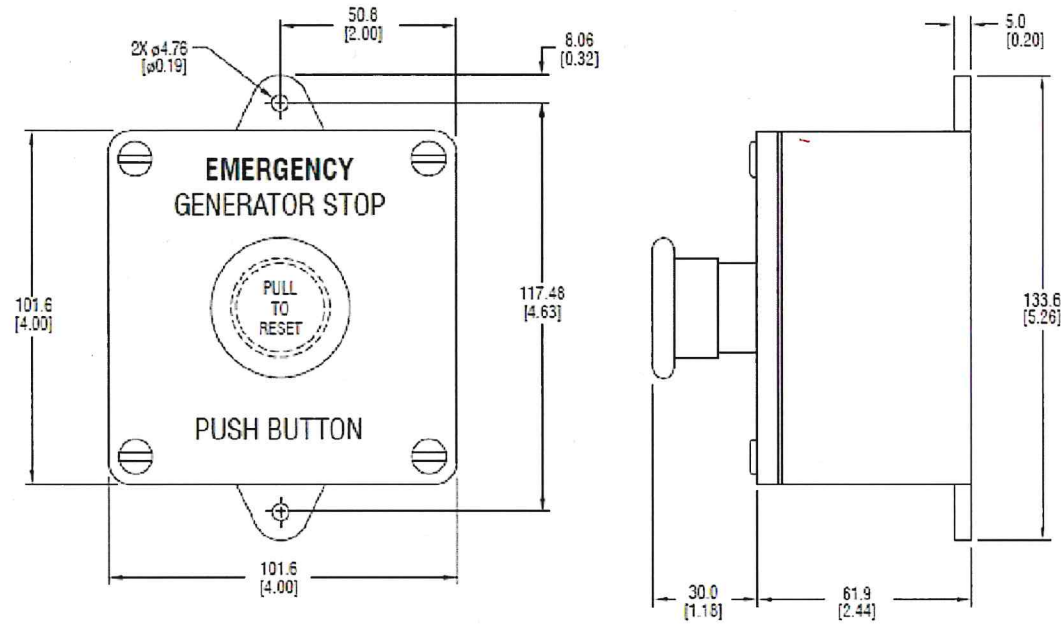
ELECTRICAL ONE-LINE AND WIRING DETAILS

SHEET NUMBER:	REVISION:
E-601	A

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**REMOTE EMERGENCY STOP SWITCH
SURFACE MOUNT, H-PANEL**

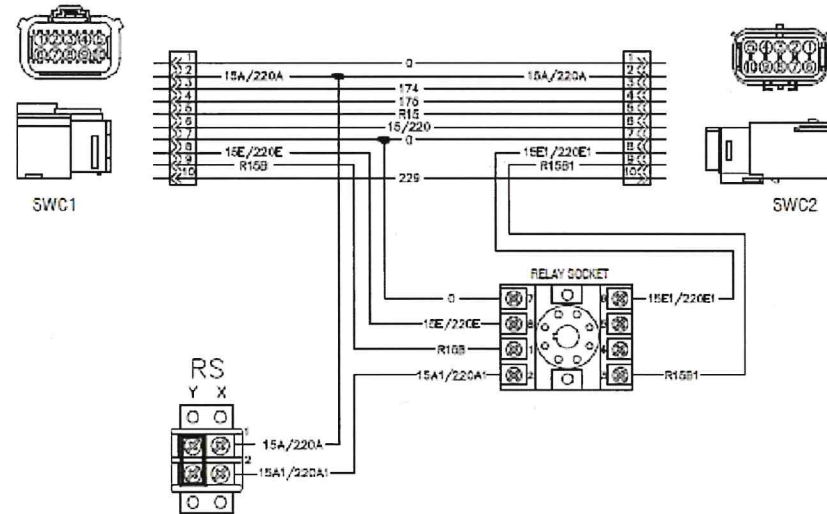
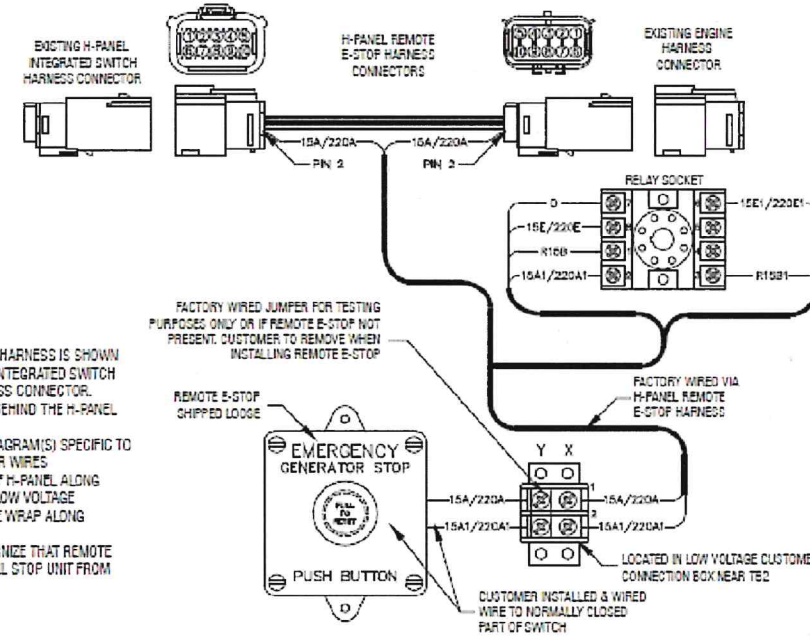
**REMOTE EMERGENCY STOP SWITCH
SURFACE MOUNT, H-PANEL**



- MANUFACTURER: PILLA ELECTRICAL PRODUCTS, INC.
- MODEL SG120
- GENERAC PART NUMBER 061120E
- SURFACE MOUNT, NEMA 4X
- NONMETALLIC BACKBOX

DIMENSIONS: mm[INCHES]

- NOTES:
- 1) THE H-PANEL REMOTE E-STOP HARNESS IS SHOWN IN POSITION BETWEEN EXISTING INTEGRATED SWITCH CONNECTOR AND ENGINE HARNESS CONNECTOR. CONNECTION POINT IS LOCATED BEHIND THE H-PANEL HINGED COVER
 - 2) SEE WIRING OR SCHEMATIC DIAGRAM(S) SPECIFIC TO UNIT FOR INFORMATION ON OTHER WIRES
 - 3) FACTORY RUNS WIRING OUT OF H-PANEL ALONG ENGINE HARNESS THAT ENTERS LOW VOLTAGE CUSTOMER CONNECTION BOX. TIE WRAP ALONG HARNESS AS NEEDED.
 - 4) THE H-PANEL WILL NOT RECOGNIZE THAT REMOTE E-STOP WAS ACTIVATED, BUT WILL STOP UNIT FROM RUNNING



GENSET CONTROLS
1 OF 2

GENSET CONTROLS
2 OF 2

APPROVED fw

1 E-STOP SWITCH

SUPPLEMENTAL

SHEET NUMBER:
R-601

REVISION:
A

SD080 | 4.5L | 80 kW
INDUSTRIAL DIESEL GENERATOR SET
 EPA Certified Stationary Emergency



STANDBY POWER RATING
 80 kW, 100 kVA, 60 Hz

PRIME POWER RATING*
 72 kW, 90 kVA, 60 Hz

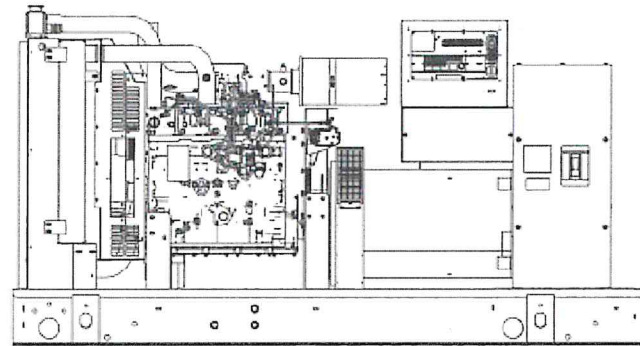


Image used for illustration purposes only.



*Built in the USA using domestic and foreign parts

*EPA Certified Prime ratings are not available in the U.S. or its Territories.

**Certain options or customization may not hold certification valid

CODES AND STANDARDS

Generac products are designed to the following standards:

UL2200, UL508, UL142, UL498

NFPA70, 99, 110, 37

NEC700, 701, 702, 708

ISO9001, 8528, 3046, 7637, Pluses #2b, 4

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI C62.41

POWERING AHEAD

For over 50 years, Generac has led the industry with innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

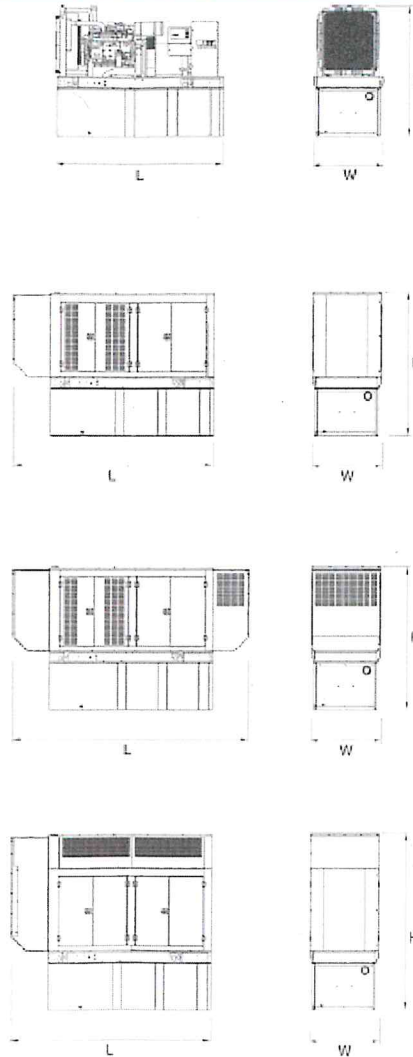
Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

SD080 | 4.5L | 80 kW
INDUSTRIAL DIESEL GENERATOR SET
 EPA Certified Stationary Emergency



DIMENSIONS AND WEIGHTS*



YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

OPEN SET

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Tank & Open Set	
			Steel	Aluminum
NO TANK	-	93 (2362.2) x 40 (1016) x 49 (1244.6)	2425 (1100)	
13	79 (299)	93 (2362.2) x 40 (1016) x 62 (1574.8)	2947 (1321)	
30	189 (715.4)	93 (2362.2) x 40 (1016) x 74 (1879.6)	3183 (1444)	
48	300 (1135.6)	93 (2362.2) x 40 (1016) x 86 (2184.4)	3407 (1545)	
56	350 (1325)	110 (2794) x 40 (1016) x 86 (2184.4)	NA	
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 86 (2184.4)	3790 (1719)	
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 86 (2184.4)	4269 (1936)	

STANDARD ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	112 (2844.8) x 41 (1041.4) x 56 (1422.4)		
13	79 (299)	112 (2844.8) x 41 (1041.4) x 69 (1752.6)		
30	189 (715.4)	112 (2844.8) x 41 (1041.4) x 81 (2057.4)		
48	300 (1135.6)	112 (2844.8) x 41 (1041.4) x 93 (2362.2)	425 (193)	155 (70)
56	350 (1325)	112 (2844.8) x 41 (1041.4) x 93 (2362.2)		
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 93 (2362.2)		
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 93 (2362.2)		

LEVEL 1 ACOUSTIC ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	130 (3302) x 41 (1041.4) x 66 (1676.4)		
13	79 (299)	130 (3302) x 41 (1041.4) x 80 (2032.6)		
30	189 (715.4)	130 (3302) x 41 (1041.4) x 91 (2307.4)		
48	300 (1135.6)	130 (3302) x 41 (1041.4) x 93 (2362.2)	450 (204)	285 (129)
56	350 (1325)	130 (3302) x 41 (1041.4) x 93 (2362.2)		
81	510 (1930.5)	130 (3302) x 47 (1193.8) x 93 (2362.2)		
93	589 (2229.6)	130 (3302) x 49 (1244.6) x 93 (2362.2)		

LEVEL 2 ACOUSTIC ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	112 (2844.8) x 41 (1041.4) x 69 (1752.6)		
13	79 (299)	112 (2844.8) x 41 (1041.4) x 82 (2082.6)		
30	189 (715.4)	112 (2844.8) x 41 (1041.4) x 94 (2387.6)		
48	300 (1135.6)	112 (2844.8) x 41 (1041.4) x 106 (2692.4)	626 (284)	395 (180)
56	350 (1325)	112 (2844.8) x 41 (1041.4) x 106 (2692.4)		
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 106 (2692.4)		
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 106 (2692.4)		

*All measurements are approximate and for estimation purposes only. Sound dBA can be found on the sound data sheet. Enclosure Only weight is added to Tank & Open Set weight to determine total weight.

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

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Part No. DK5092
 Rev. F 01/26/17

SPEC SHEET

1 OF 6

SPEC SHEET

6 OF 6

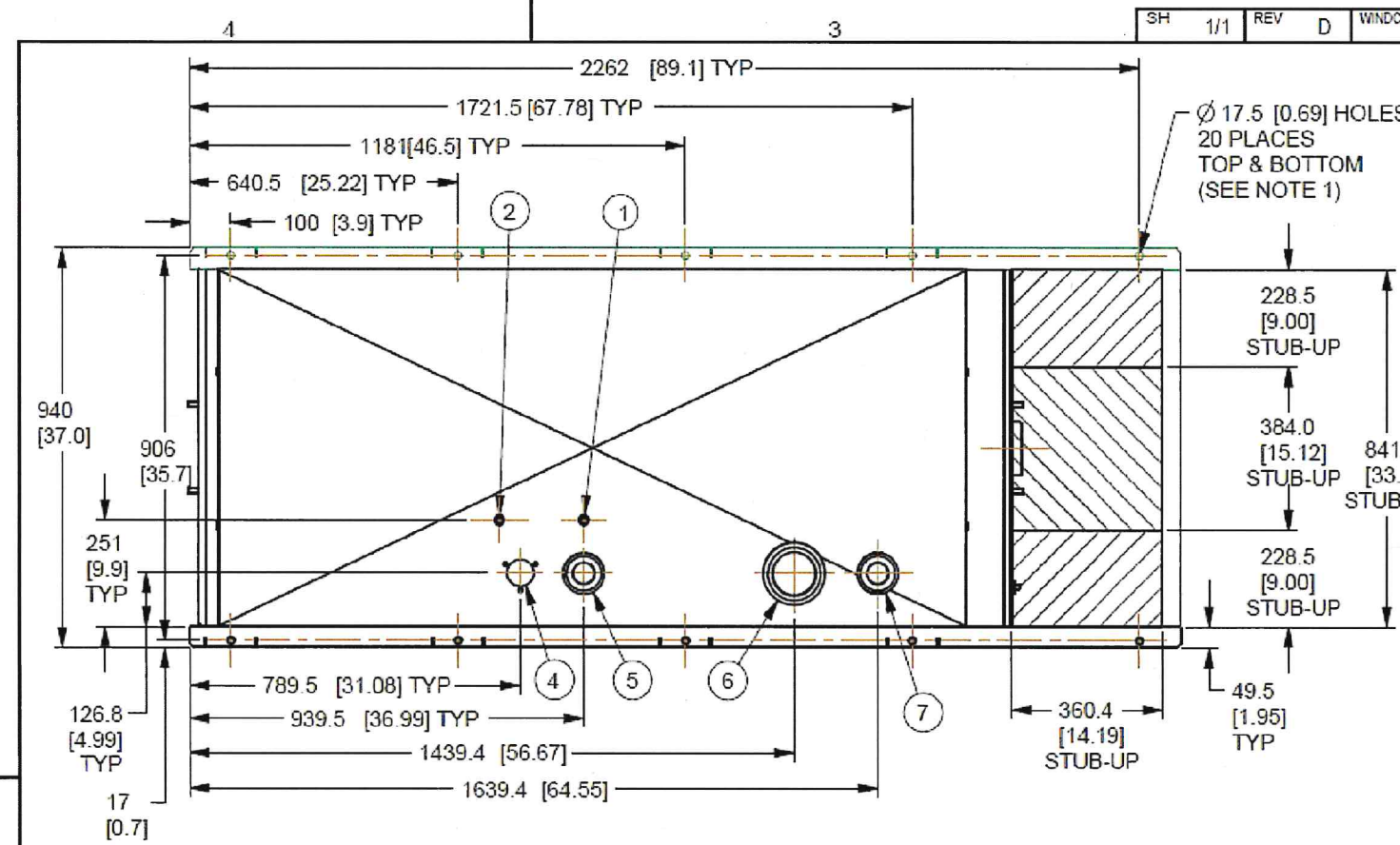
1 GENERATOR

SUPPLEMENTAL

SHEET NUMBER:
R-602

REVISION:
A

SH 1/1 REV D WINDCHILL VERSION D.1

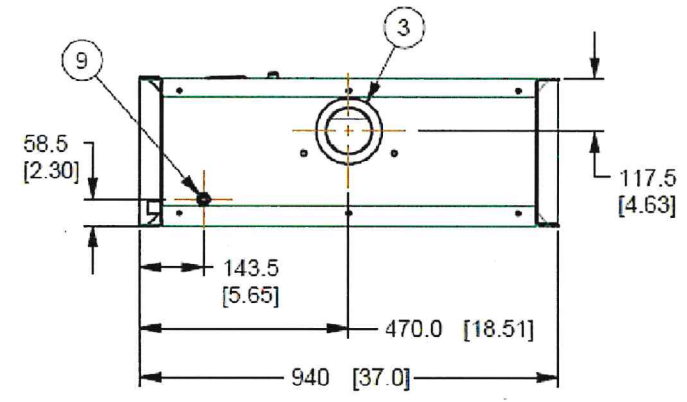
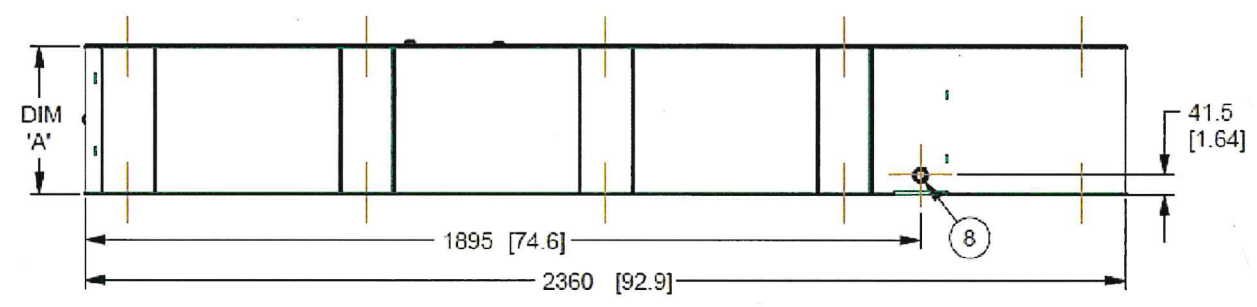


I/N	TANK FITTING	FUNCTION
1	3/8" NPT COUPLING	FUEL SUPPLY
2	3/8" NPT COUPLING	FUEL RETURN
3	4" NPT WELD FLANGE	EMERGENCY VENT
4		FUEL VENT
5	2" NPT WELD FLANGE	FUEL FILL
6	4" NPT WELD FLANGE	EMERGENCY VENT (INNER)
7	2" NPT WELD FLANGE	VENT
8	3/4" NPT COUPLING	DRAIN
9	Ø 22 MM HOLE	LEAK DETECTOR

CAPACITY SHOWN: LITER [GALLONS]
 WEIGHT SHOWN: KILOGRAMS [POUNDS]
 LENGTH SHOWN: MM [INCH]
 UL #142 LISTED
 ULC-S601 LISTED

NOTES:
 1. MOUNTING BOLTS OR STUDS TO MOUNT BASETANK TO CONCRETE SHALL BE 5/8-11 GRADE 5. (USE STANDARD SAE TORQUE SPECS)

LOW VOLTAGE STUB-UP
 HIGH VOLTAGE STUB-UP



TANK P/N	OJ18430ST03	OJ18440ST03	OJ18450ST03
DIM 'A'	330 [13]	635 [25]	940 [37]
TOTAL TANK CAPACITY	318 [84]	734 [194]	1154 [305]
USABLE TANK CAPACITY	299 [79]	716 [189]	1134 [300]
DRY WEIGHT (EST)	237 [522]	344 [758]	445 [982]

DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

INSTALLATION DRAWING

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ELECTRONICALLY APPROVED
 INSIDE WINDCHILL

GENERAC

TITLE
 INSTALL B-GROUP BASETANKS

ISSUE DATE: 02/04/11

SIZE B	CAGE NO N/A	DWG NO OJ4211	REV D
SCALE 0.075	WT-KG 240.954	SHEET 1 of 1	

1 TANK

APPROVED *rw*

SUPPLEMENTAL

SHEET NUMBER:
R-603

REVISION:
A