



Office of the City Manager

INFORMATION CALENDAR
March 25, 2025

To: Honorable Mayor and Members of the City Council
From: Paul Buddenhagen, City Manager
Submitted by: Jordan Klein, Director, Planning and Development Department
Subject: Landmarks Preservation Ordinance Notice of Decision (LPO NOD): 3332
Adeline Street/#LMSAP2025-0001

INTRODUCTION

The attached Landmarks Preservation Commission Notice of Decision (NOD) is presented to the Mayor and City Council pursuant to Berkeley Municipal Code/Landmarks Preservation Ordinance (BMC/LPO) Section 3.24.240.A, which requires that “a copy of the Notice of Decision shall be filed with the City Clerk and the City Clerk shall present said copy to the City Council at its next regular meeting.”

CURRENT SITUATION AND ITS EFFECTS

The Landmark Preservation Commission (LPC/Commission) has approved a Structural Alteration Permit (SAP) for the subject City Landmark property. This action is subject to a 15-day appeal period, which began on March 11, 2025.

BACKGROUND

BMC/LPO Section 3.24.300 allows City Council to review any action of the Landmarks Preservation Commission in granting or denying a Structural Alteration Permit. For Council to review the decision on its merits, Council must appeal the Notice of Decision. To do so, a Council member must move this Information Item to Action and then move to set the matter for hearing on its own. Such action must be taken within 15 days of the mailing of the Notice of Decision, or by March 25, 2025. Such certification to Council shall stay all proceedings in the same manner as the filing of an appeal.

If the Council chooses to appeal the action of the Commission, then a public hearing will be set. The Council must then rule on the designation within 30 days of closing the hearing, otherwise the decision of the Commission is automatically deemed affirmed.

Unless the Council wishes to review the determination of the Commission and make its own decision, the attached NOD is deemed received and filed.

ENVIRONMENTAL SUSTAINABILITY & CLIMATE IMPACTS

Landmark designation and discretionary alteration reviews by staff and LPC provide opportunities for the adaptive re-use and rehabilitation of historic resources within the City. The rehabilitation of these resources, rather than their removal, achieves construction and demolition waste diversion, and promotes investment in existing urban centers.

POSSIBLE FUTURE ACTION

The Council may choose to appeal the decision, in which case it would conduct a public hearing at a future date.

FISCAL IMPACTS OF POSSIBLE FUTURE ACTION

There are no known fiscal impacts associated with this action.

CONTACT PERSON

Fatema Crane, Principal Planner, Planning and Development, 510-981-7410

Attachments:

1: Notice of Decision – #LMSAP2025-0001/3332 Adeline Street



L A N D M A R K S
 P R E S E R V A T I O N
 C O M M I S S I O N

Notice of Decision

DATE OF BOARD DECISION: February 6, 2025
DATE NOTICE MAILED: March 10, 2025
APPEAL PERIOD EXPIRATION: March 25, 2025
EFFECTIVE DATE (Barring Appeal or Certification): March 26, 2025¹

3332 Adeline Street – The Lorin Theater/ Phillips Temple Building

Structural Alteration Permit #LMSAP2025-0001 to modify the leasing area of an existing wireless telecommunication facility for the installation of an emergency generator at the rear of the Lorin Theater site

The Landmarks Preservation Commission of the City of Berkeley, after conducting a public hearing, **APPROVED** the Structural Alteration Permit request.

- **Applicant** Shannon Morrelli, Galt Wireless
 9120 Doc Bar Ct.
 Elk Grove, CA 95624

- **Property Owner** Phillips Temple Christian Methodist Episcopal Church
 3332 Adeline Street
 Berkeley, CA 94703

ZONING DISTRICT: Adeline Corridor Commercial District (C-AC)

¹ Pursuant to BMC Chapter 3.24, the City Council may “certify” any decision of the LPC for review, which has the same effect as an appeal. In most cases, the Council must certify the LPC decision during the 14-day appeal period. However, pursuant to BMC Section 1.04.070, if any portion of the appeal period falls within a Council recess, the deadline for Council certification is suspended until the first Council meeting after the recess, plus the number of days of the appeal period that occurred during the recess, minus one day. If there is no appeal or certification, the Use Permit becomes effective the day after the certification deadline has passed.

LANDMARKS PRESERVATION COMMISSION
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ENVIRONMENTAL REVIEW STATUS: The project is categorically exempt from further environmental review in accordance with CEQA Guidelines Section 15331 for *Historical Resource Restoration/Rehabilitation*.

The application materials for this project is available online at:

<https://berkeleyca.gov/construction-development/land-use-development/zoning-projects> or
<https://permits.cityofberkeley.info/CitizenAccess/Default.aspx>

FINDINGS AND CONDITIONS OF APPROVAL AND APPROVED PLANS ARE ATTACHED TO THIS NOTICE

COMMISSION VOTE: 8-0-0-0

YES: CRANDALL, ENCHILL, FINACOM, LEUSCHNER, MONTGOMERY, ORBUCH, PLESE, SCHWARTZ

NO: NONE

ABSTAIN: NONE

ABSENT: NONE

TO APPEAL THIS DECISION (see Section 3.24.300 of the Berkeley Municipal Code):

To appeal a decision of the Landmarks Preservation Commission to the City Council you must:

1. Submit a letter clearly and concisely setting forth the grounds for the appeal to the City Clerk, located at 2180 Milvia Street, 1st Floor, Berkeley. The City Clerk's telephone number is (510) 981-6900.
 - a. Pursuant to BMC Section 3.24.300.A, an appeal may be taken to the City Council by the application of the owners of the property or their authorized agents, or by the application of at least fifty residents of the City aggrieved or affected by any determination of the commission made under the provisions of Chapter 3.24.
2. Submit the required fee (checks and money orders must be payable to 'City of Berkeley'):
 - a. The basic fee for persons other than the applicant is \$1,500. This fee may be reduced to \$500 if the appeal is signed by persons who lease or own at least 50 percent of the parcels or dwelling units within 300 feet of the project site, or at least 25 such persons (not including dependent children), whichever is less. Signatures collected per the filing requirement in BMC Section 3.24.300.A may be counted towards qualifying for the reduced fee, so long as the signers are qualified. The

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individual filing the appeal must clearly denote which signatures are to be counted towards qualifying for the reduced fee.

- b. The fee for appeals of affordable housing projects (defined as projects which provide 50 percent or more affordable units for households earning 80% or less of Area Median Income) is \$500, which may not be reduced.
- c. The fee for all appeals by Applicants is \$6,000.
3. The appeal must be received prior to 5:00 p.m. on the "APPEAL PERIOD EXPIRATION" date shown above (if the close of the appeal period falls on a weekend or holiday, then the appeal period expires the following business day).

If no appeal is received, the Structural Alteration Permit will be final on the first business day following expiration of the appeal period.

NOTICE CONCERNING YOUR LEGAL RIGHTS:

If you object to this decision, the following requirements and restrictions apply:

1. If you challenge this decision in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the Landmarks Preservation Commission at, or prior to, the public hearing.
2. You must appeal to the City Council within fifteen (15) days after the Notice of Decision of the action of the Landmarks Preservation Commission is mailed. It is your obligation to notify the Land Use Planning Division in writing of your desire to receive a Notice of Decision when it is completed.
3. Pursuant to Code of Civil Procedure Section 1094.6(b) and Government Code Section 65009(c)(1), no lawsuit challenging a City Council decision, as defined by Code of Civil Procedure Section 1094.6(e), regarding a use permit, variance or other permit may be filed more than ninety (90) days after the date the decision becomes final, as defined in Code of Civil Procedure Section 1094.6(b). Any lawsuit not filed within that ninety (90) day period will be barred.
4. Pursuant to Government Code Section 66020(d)(1), notice is hereby given to the applicant that the 90-day protest period for any fees, dedications, reservations, or other exactions included in any permit approval begins upon final action by the City, and that any challenge must be filed within this 90-day period.
5. If you believe that this decision or any condition attached to it denies you any reasonable economic use of the subject property, was not sufficiently related to a legitimate public purpose, was not sufficiently proportional to any impact of the project, or for any other reason constitutes a "taking" of property for public use without just compensation under the California or United States Constitutions, your appeal of this decision must include the following information:
 - A. That this belief is a basis of your appeal.

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- B. Why you believe that the decision or condition constitutes a "taking" of property as set forth above.
- C. All evidence and argument in support of your belief that the decision or condition constitutes a "taking" as set forth above.

If you do not do so, you will waive any legal right to claim that your property has been taken, both before the City Council and in court.

PUBLIC COMMENT:

Communications to Berkeley boards, commissions or committees are public record and will become part of the City's electronic records, which are accessible through the City's website. **Please note: e-mail addresses, names, addresses, and other contact information are not required, but if included in any communication to a City board, commission or committee, will become part of the public record.** If you do not want your e-mail address or any other contact information to be made public, you may deliver communications via U.S. Postal Service or in person to the secretary of the relevant board, commission or committee. If you do not want your contact information included in the public record, please do not include that information in your communication. Please contact the secretary to the relevant board, commission or committee for further information.

FURTHER INFORMATION:

Questions about the project should be directed to the project planner, Allison Riemer, at (510) 981-7410 or ariemer@berkeleyca.gov. All project application materials may be viewed at the Permit Service Center (Zoning counter), 1947 Center Street, 3rd Fl., during regular business hours.

ATTACHMENTS:

- 1. Findings and Conditions
- 2. Project Plans



ATTEST: _____

Fatema Crane, Secretary
Landmarks Preservation Commission

cc: City Clerk
Shannon Morrelli, Galt Wireless, 9120 Doc Bar Ct., Elk Grove, CA 95624
Phillips Temple Christian Methodist Episcopal Church, 3332 Adeline Street, Berkeley, CA 94703

ATTACHMENT 1, PART 2

FINDINGS AND CONDITIONS

3332 Adeline Street – The Lorin Theater/ Phillips Temple Building

Structural Alteration Permit #LMSAP2025-0001 to modify the leasing area of an existing wireless telecommunication facility for the installation of an emergency generator at the rear of the Lorin Theater site.

FINDINGS REQUIRED UNDER CEQA

1. The project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA, Public Resources Code §21000, et seq. and California Code of Regulations, §15000, et seq.) pursuant to Section 15331 of the CEQA Guidelines (“Historic Resource Restoration/Rehabilitation”). Furthermore, none of the exceptions in CEQA Guidelines Section 15300.2 apply, as follows: (a) the site is not located in an environmentally sensitive area, (b) there are no cumulative impacts, (c) there are no significant effects, (d) the project is not located near a scenic highway, and (e) the project site is not located on a hazardous waste site pursuant to Government Code Section 65962.5.

FINDINGS RELATED TO THE SECRETARY OF THE INTERIOR’S STANDARDS

Regarding the Secretary of the Interior’s Standards (SOI) for Rehabilitation, the Landmarks Preservation Commission of the City of Berkeley makes the following findings:

1. The proposed project does not require a change of use. The property will retain the existing use as a wireless telecommunications facility.
2. The historic character of the property will be retained and preserved. No distinctive materials will be removed or altered to accommodate the alterations.
3. The new equipment will not resemble or replicate designs from the property’s historic period.
4. The subject property does not feature changes that have acquired significance in their own right.
5. Distinctive materials, features, finishes, and construction techniques, or examples of craftsmanship that characterize this property will be substantially retained and preserved with this limited-scope project.
6. As conditioned herein, if deteriorated historic features will be affected by this request, then they would be repaired or replaced to match the materials, design, and finishes of the original items.

7. The applicant does not propose chemical or physical treatments. However, standard conditions of Structural Alteration Permit approval would require any chemical or physical treatments to be undertaken using the gentlest means possible.
8. The project does not have the potential to affect any archaeological resources because the applicant proposes no substantial excavation.
9. The proposed scope will not destroy historic materials, features, or have lasting impact to the spatial characteristics of the property. The new generator would not be readily visible from vantage points within the public right way.
10. If the proposed equipment were removed in the future, they would not permanently impair the integrity or essential form of the Lorin Theater site.

FINDINGS REQUIRED UNDER LANDMARKS PRESERVATION ORDINANCE

1. As required by Section 3.24.260 of the Landmarks Preservation Ordinance, the Commission finds that the proposed work is appropriate for and consistent with the purposes of the Ordinance, and will preserve the characteristics and features specified in the designation for this property. Specifically:
 - A. The proposed project will not adversely affect the architectural design of the City Landmark, the Lorin Theater. The proposed generator and fence enclosure are located in the rear of the parcel and would not be attached to or alter any part of the historic structure.
 - B. The special historic character of the subject property would not be adversely affected by the scope of this project as the new generator would not be visible from the public right of way.

STANDARD CONDITIONS

The following conditions, as well as all other applicable provisions of the Landmarks Preservation Ordinance, apply to this Permit:

1. Conditions Shall be Printed on Plans

The conditions of this Permit shall be printed on the *second* sheet of each plan set submitted for a building permit pursuant to this Permit, under the title 'Structural Alteration Permit Conditions'. *Additional sheets* may also be used if the *second* sheet is not of sufficient size to list all of the conditions. The sheet(s) containing the conditions shall be of the same size as those sheets containing the construction drawings; 8-1/2" by 11" sheets are not acceptable.

2. Plans and Representations Become Conditions

Except as specified herein, the site plan, floor plans, building elevations and/or any additional information or representations, whether oral or written, indicating the proposed structure or manner of operation submitted with an application or during the approval process are deemed conditions of approval.

3. Subject to All Applicable Laws and Regulations

The approved use and/or construction is subject to, and shall comply with, all applicable City Ordinances and laws and regulations of other governmental agencies. Prior to construction, the applicant shall identify and secure all applicable permits from the Zoning Adjustments Board or Zoning Officer, Building and Safety Division, Public Works Department and other affected City divisions and departments.

4. Exercise and Lapse of Permits

- A. A permit for the construction of a building or structure is deemed exercised when a valid City building permit, if required, is issued, and construction has lawfully commenced.
- B. A permit may be declared lapsed and of no further force and effect if it is not exercised within one year of its issuance, except that permits for construction or alteration of structures or buildings may not be declared lapsed if the permittee has: (1) applied for a building permit; or, (2) made substantial good faith efforts to obtain a building permit and begin construction, even if a building permit has not been issued and/or construction has not begun.

5. Indemnification Agreement

The permittee agrees as a condition of approval of this application to indemnify, protect, defend with counsel selected by the City, and hold harmless, the City, and any agency or instrumentality thereof, and its elected and appointed officials, officers, employees and agents, from and against any and all liabilities, claims, actions, causes of action, proceedings, suits, damages, judgments, liens, levies, costs and expenses of whatever nature, including reasonable attorney's fees and disbursements (collectively, "Claims") arising out of or in any way relating to the approval of this application, any actions taken

by the City related to this entitlement, or any environmental review conducted under the California Environmental Quality Act, Public Resources Code Section 210000 et seq., for this entitlement and related actions. The indemnification shall include any Claims that may be asserted by any person or entity, including the permittee, arising out of or in connection with the approval of this application, whether or not there is concurrent, passive or active negligence on the part of the City, and any agency or instrumentality thereof, and its elected and appointed officials, officers, employees and agents. The permittee's duty to defend the City shall not apply in those instances when the permittee has asserted the Claims, although the permittee shall still have a duty to indemnify, protect and hold harmless the City. (City Attorney).

6. Halt Work/Unanticipated Discovery of Tribal Cultural Resources

In the event that cultural resources of Native American origin are identified during construction, all work within 50 feet of the discovery shall be redirected. The project applicant and project construction contractor shall notify the City Planning Department within 24 hours. The City will again contact any tribes who have requested consultation under AB 52, as well as contact a qualified archaeologist, to evaluate the resources and situation and provide recommendations. If it is determined that the resource is a tribal cultural resource and thus significant under CEQA, a mitigation plan shall be prepared and implemented in accordance with State guidelines and in consultation with Native American groups. If the resource cannot be avoided, additional measures to avoid or reduce impacts to the resource and to address tribal concerns may be required.

7. Archaeological Resources *(Ongoing throughout demolition, grading, and/or construction)*

Pursuant to CEQA Guidelines Section 15064.5(f), "provisions for historical or unique archaeological resources accidentally discovered during construction" should be instituted. Therefore:

- A. In the event that any prehistoric or historic subsurface cultural resources are discovered during ground disturbing activities, all work within 50 feet of the resources shall be halted and the project applicant and/or lead agency shall consult with a qualified archaeologist, historian or paleontologist to assess the significance of the find.
- B. If any find is determined to be significant, representatives of the project proponent and/or lead agency and the qualified professional would meet to determine the appropriate avoidance measures or other appropriate measure, with the ultimate determination to be made by the City of Berkeley. All significant cultural materials recovered shall be subject to scientific analysis, professional museum curation, and/or a report prepared by the qualified professional according to current professional standards.
- C. In considering any suggested measure proposed by the qualified professional, the project applicant shall determine whether avoidance is necessary or feasible in light of factors such as the uniqueness of the find, project design, costs, and other considerations.
- D. If avoidance is unnecessary or infeasible, other appropriate measures (e.g., data recovery) shall be instituted. Work may proceed on other parts of the project site while mitigation measures for cultural resources is carried out.

E. If significant materials are recovered, the qualified professional shall prepare a report on the findings for submittal to the Northwest Information Center.

8. Human Remains (*Ongoing throughout demolition, grading, and/or construction*)

In the event that human skeletal remains are uncovered at the project site during ground-disturbing activities, all work shall immediately halt and the Alameda County Coroner shall be contacted to evaluate the remains, and following the procedures and protocols pursuant to CEQA Guidelines Section 15064.5 (e)(1) . If the County Coroner determines that the remains are Native American, the City shall contact the California Native American Heritage Commission (NAHC), pursuant to Health and Safety Code Section 7050.5(c), and all excavation and site preparation activities shall cease within a 50-foot radius of the find until appropriate arrangements are made. If the agencies determine that avoidance is not feasible, then an alternative plan shall be prepared with specific steps and timeframe required to resume construction activities. Monitoring, data recovery, determination of significance and avoidance measures (if applicable) shall be completed expeditiously.

9. Paleontological Resources (*Ongoing throughout demolition, grading, and/or construction*)

In the event of an unanticipated discovery of a paleontological resource during construction, excavations within 50 feet of the find shall be temporarily halted or diverted until the discovery is examined by a qualified paleontologist (per Society of Vertebrate Paleontology standards [SVP 1995,1996]). The qualified paleontologist shall document the discovery as needed, evaluate the potential resource, and assess the significance of the find. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction is allowed to resume at the location of the find. If the City determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of the project on the qualities that make the resource important, and such plan shall be implemented. The plan shall be submitted to the City for review and approval.

ADDITIONAL CONDITIONS

The following additional conditions are attached to this Permit:

10. No changes can be made to these approved plans without prior approval.
11. **ADDITIONAL PERMIT REQUIREMENTS.** This Structural Alteration Permit (SAP) approval is contingent upon approval of the requisite Administrative Use Permit and any Public Works Permit for the project scope as well as all other conditional use permits, and state and federal requirements for operation of the wireless telecommunication facility.
12. **PLANS COMPLIANCE.** Construction and building permit plans shall substantially conform to the Structural Alteration Permit (SAP) project plans dated/received March 12, 2024.

- 13. REPAIR AND REPLACEMENT OF CHARACTER-DEFINING FEATURES.**
Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old or historic feature in design, color, texture, and, where possible, materials. Replacement of missing features shall be substantiated by documentary and physical evidence.
- 14. DETAILS.** Prior to Landmarks plan checker sign-off of the Building Permit set of drawings, the applicant shall submit fence details for review and approval by the Landmarks plan checker.
- 15.** Chemical or physical treatments, if appropriate, shall be undertaken using the gentlest means possible. Treatments that cause damage to historic materials shall not be used.
- 16.** The applicant shall be responsible for identifying and securing all applicable permits from the Building and Safety Division and all other affected City divisions/departments prior to the start of work.
- 17.** The applicant is responsible for complying with all the above conditions. Failure to comply with any condition could result in construction work being stopped, issuance of citations, as well as further review by the Landmarks staff, which may modify or impose additional conditions, or revoke approval.
- 18.** All building permit drawings and subsequent construction shall substantially conform to the approved plans as outlined in Condition #1. Any modifications must be reviewed by the Landmarks plan checker to determine whether the modification requires approval.
- 19.** The applicant shall hold harmless, defend, and indemnify the City of Berkeley and its officers, agents, and employees against any and all liability, damages, claims, demands, judgments or other losses (including without limitation, attorney's fees, expert witness and consultant fees and other litigation expenses), referendum or initiative relating to, resulting from or caused by, or alleged to have resulted from, or caused by, any action or approval associated with the project. The indemnity includes without limitation, any legal or administrative challenge, referendum or initiative filed or prosecuted to overturn, set aside, stay or otherwise rescind any or all approvals granted in connection with the Project, any environmental determination made for the project and granting any permit issued in accordance with the project. This indemnity includes, without limitation, payment of all direct and indirect costs associated with any action specified herein. Direct and indirect costs shall include, without limitation, any attorney's fees, expert witness and consultant fees, court costs, and other litigation fees. City shall have the right to select counsel to represent the City at Applicant's expense in the defense of any action specified in this condition of approval. City shall take reasonable steps to promptly notify the Applicant of any claim, demand, or legal actions that may create a claim for indemnification under these conditions of approval.



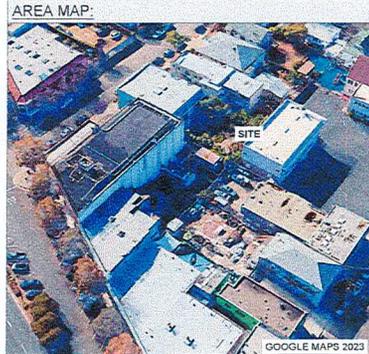
**MARTIN LUTHER KING W
FA#: 10087892**

**GENERATOR INSTALLATION PROJECT
50KW GENERAC DIESEL GENERATOR**

**3332 ADELINE STREET
BERKELEY, CA 94703**

SITE INFORMATION:

SITE ADDRESS:	3332 ADELINE STREET BERKELEY, CA 94703
COUNTY:	ALAMEDA
COORDINATES:	37.8479167° / -122.2723861° (FOR NAVIGATION ONLY)
PROPERTY LANDLORD OR OWNER:	PHILLIPS TEMPLE CHRISTIAN METHODIST EPISCOPAL CHURCH
TAX ID #:	52-1532-4-3
ZONING:	C-SA
OCCUPANCY GROUP:	U - UNMANNED
CONSTRUCTION TYPE:	II-B
POWER COMPANY:	PG&E
FLOOD ZONE:	X
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION



CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF ALL GOVERNING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS ARE TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- CALIFORNIA BUILDING CODE (CBC) 2022
- CALIFORNIA ELECTRICAL CODE 2022
- CALIFORNIA MECHANICAL CODE 2022
- CALIFORNIA FIRE CODE (CFC) 2022
- INTERNATIONAL BUILDING CODE (IBC) 2021
- NATIONAL ELECTRICAL CODE (NEC) 2020
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13.30.37.58.70.72.110.111
- AMERICAN CONCRETE INSTITUTE (ACI) 318
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 607

DO NOT SCALE DRAWINGS:
CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME.

CONTACT INFORMATION:

APPLICANT:	AT&T MOBILITY 1375 CAMINO REAL STE 120 SAN BERNARDINO, CA 92408 PHONE: 951.534.8967
PROJECT MANAGER:	GENERAL DYNAMICS WIRELESS SERVICES, LLC. 19240 DES MOINES DR., S. BLDG C STE 300 SEA TAC, WA 98048 PHONE: 425.606.8785 CONTACT: CHRISTOPHER HERMAN
LEASING / PERMITTING:	GALT WIRELESS 9120 DOC BAR CT. ELK GROVE, CA 95624 PHONE: 206.715.0059 CONTACT: SARAH NEACE
ARCHITECTURE & ENGINEERING:	GEOSTRUCTURAL, LLC. PO BOX 2621 BOISE, ID 83701 PHONE: 530.538.4787 CONTACT: DON GEORGE

APPROVALS:

AT&T MANAGER	_____
CONSTRUCTION MANAGER	_____
SITE ACO, MANAGER	_____
PROPERTY OWNER	_____
LANDLORD	_____

SCOPE OF WORK:

INSTALL (1) ARTICLE 702 OPTIONAL STANDBY DIESEL GENERATOR (GENERAC 30050) WITH UL-142 BASE FUEL TANK ON CONCRETE PAD WITHIN PROPOSED CHAIN-LINK FENCE COMPOUND w/ ACOUSTIFENCE WRAP AND 200A ATS / CAMLOCK (GENERAC TAS200) WITHIN COMPOUND NEAR EXISTING AT&T EQUIPMENT SHELTER.

INTEGRATE NEW GENERATOR WITH EXISTING SERVICE.

NOTE: NO CHANGES OR ALTERATIONS TO THE TOWER, MOUNTS, ANTENNAS, FEEDLINES, ETC. IS PROPOSED AS A PART OF THIS SCOPE OF WORK.

DIG LINE:

THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVE GROUND STRUCTURES, AND/OR EXISTING UTILITIES BELIEVED TO BE IN THE WORKING AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITIES, PIPELINES AND OTHER STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS.

ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AND ENGINEER AT THE CONTRACTOR'S EXPENSE.

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S-1	GENERATOR PAD DETAILS
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E-1	ELECTRICAL DETAILS
E-2	ELECTRICAL DETAILS
E-3	ELECTRICAL DETAILS
E-4.0 ↔ E-4.4	GENERATOR SPECIFICATIONS
E-5.0	ATS SPECIFICATIONS
E-5.1	CAM-LOCK BOX SPECIFICATIONS

CITY USE

GENERAL DYNAMICS
Information Technology

PO BOX 2621, BOISE, ID 83701
530.538.4787
CONTACT@GEOSTRUCTURAL.COM
WWW.GEOSTRUCTURAL.COM

DATE: 09/05/2023

SITE INFORMATION:
MARTIN LUTHER KING W
10087892
GENERATOR INSTALLATION PROJECT
3332 ADELINE STREET
BERKELEY, CA 94703

REVISIONS

REV.	DATE	DESCRIPTION	INT.
1	11/20/23	REVISED FOR ACOUSTIFENCE	JMS
0	03/09/2023	ISSUED FOR CONSTRUCTION	JMS

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT NAMES IS STRICTLY PROHIBITED.

CHECKED BY: GGD

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

 CITY USE	 GENERAL DYNAMICS Information Technology	 GEOSTRUCTURAL PO BOX 2021, WOODS, ID 83791 CONTACT@GEOSTRUCTURAL.COM WWW.GEOSTRUCTURAL.COM										
SITE INFORMATION: MARTIN LUTHER KING W 10087892 GENERATOR INSTALLATION PROJECT 3332 ADELINE STREET BERKELEY, CA 94703												
REVISIONS <table border="1"> <thead> <tr> <th>REV. DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1/10/2021 REVISED FOR ACQUISITION AND</td> <td></td> </tr> <tr> <td>2</td> <td>2/20/2021 ISSUED FOR CONSTRUCTION</td> <td></td> </tr> </tbody> </table>				REV. DATE	DESCRIPTION	BY	1	1/10/2021 REVISED FOR ACQUISITION AND		2	2/20/2021 ISSUED FOR CONSTRUCTION	
REV. DATE	DESCRIPTION	BY										
1	1/10/2021 REVISED FOR ACQUISITION AND											
2	2/20/2021 ISSUED FOR CONSTRUCTION											
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CHECKED BY: GGD												
SHEET TITLE: OVERALL SITE PLAN												
SHEET NUMBER: A-1												



EXISTING CONDITIONS:
 THESE DRAWINGS WERE PRODUCED WITH INFORMATION PROVIDED BY THE CLIENT. LINES, EASEMENTS, AND SETBACKS SHALL BE VERIFIED PRIOR TO START OF CONSTRUCTION. THE CLIENT AGREES TO MAINTAIN THE ACCURACY OF SAID PROPERTY LINE, EASEMENTS AND SETBACKS.

NOTE:
 EVERYTHING SHOWN IS EXISTING UNLESS MARKED PROPOSED

GENSET USE AND INFORMATION:

- THE PROPOSED GENERATOR IS 6000 GENSET.
- IS RATED AT 80 HP AT MAXIMUM RATED kW OUTPUT.
- CONTAINS 100 GALLONS OF DIESEL FUEL IN A SECONDARY CONTAINMENT BASE FUEL TANK WITH 180 USABLE (200 MAX) GALLONS OF FUEL.
- USES ULTRA LOW SULFUR DIESEL FUEL (15 ppm Sulfur).
- IS LIMITED TO 100 HOURS PER YEAR OF NON-EMERGENCY USE (TESTING & OUTPUT TO A MAXIMUM OF 73 HOURS AT 7 METERS (23 FEET).
- IS COMPLIANT WITH APPLICABLE AIR QUALITY REGULATIONS.

CUMULATIVE VOLUME CALCULATIONS:

THE PHYSICAL DIMENSIONS OF THE PROPOSED GENERATOR W/ ENCLOSURE AND BASE FUEL TANK ARE LESS THAN 350 CU. FT. IN VOLUME.

BASE FUEL TANK = 105.17x39.29" = 67.7 CU. FT.

GENERATOR BODY W/ ENCLOSURE = 84.8x61.9x39" = 126.1 CU. FT.

TOTAL CUMULATIVE VOLUME OF GENSET = 67.7 + 126.1 = 193.8 CU. FT.

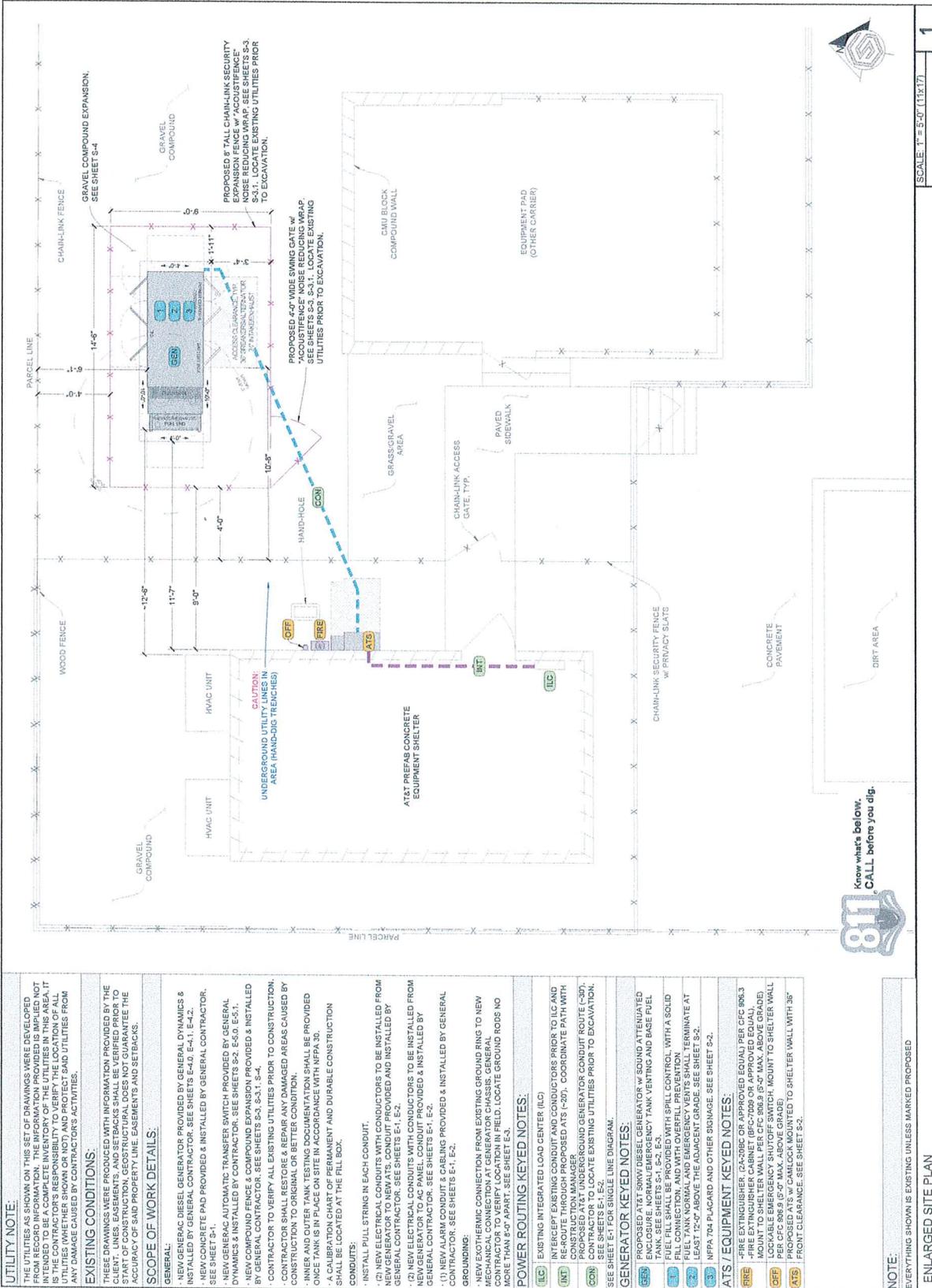
AT&T LEASE AREAS

EXISTING APPROXIMATE (640 SQ. FT.) LEASE AREA

PROPOSED 9'0"X14'6" (130.5 SQ. FT.) GENERATOR LEASE AREA

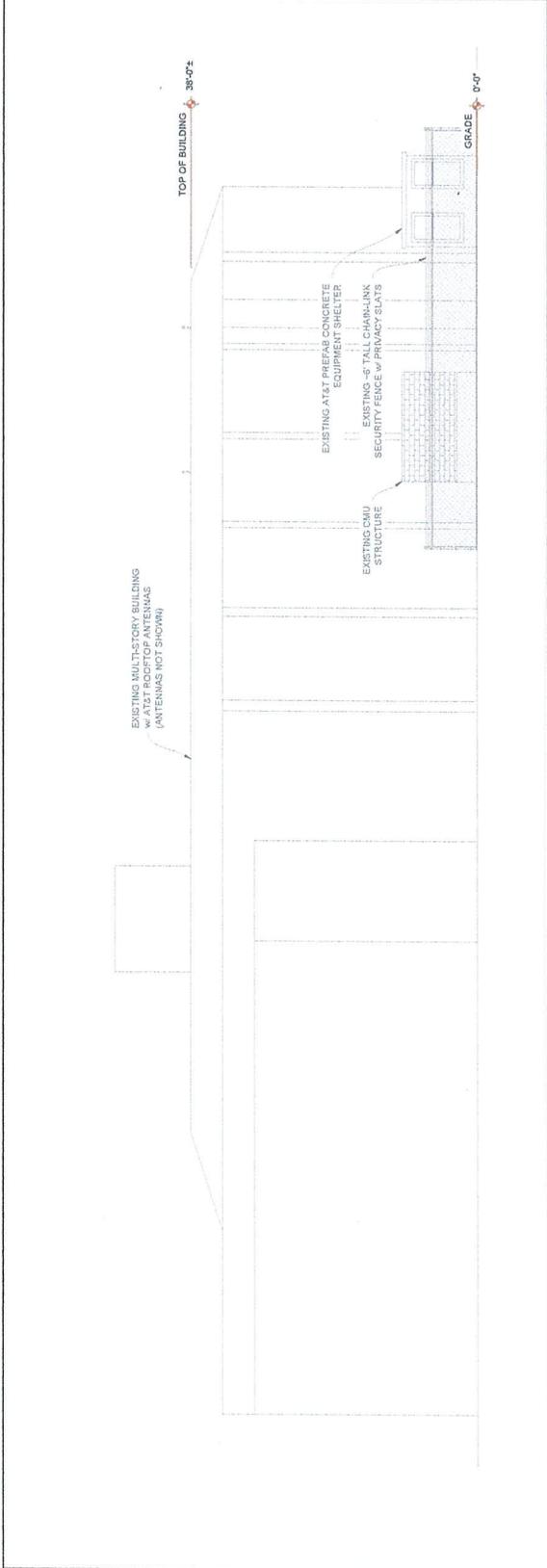
EXISTING LEASE AREA SIZES WERE OBTAINED FROM LEASE DOCUMENTS PROVIDED TO GEOSTRUCTURAL AND ARE SHOWN FOR REFERENCE ONLY. REFER TO FINAL LEASE DOCUMENTS FOR APPROVED EXISTING AND PROPOSED LEASE AREAS.

 <p>CITY USE</p>	 <p>GENERAL DYNAMICS Information Technology</p>	 <p>GEOSTRUCTURAL PO BOX 2021, NOISE, ID 83791 CONTACT@GEOSTRUCTURAL.COM WWW.GEOSTRUCTURAL.COM</p>		SITE INFORMATION: MARTIN LUTHER KING W 10087692
				GENERATOR INSTALLATION PROJECT 3332 ADELINE STREET BERKELEY, CA 94703
REVISIONS:				INT DESCRIPTION
1. 11/20/2017 REVISED FOR ACCURACY AND 5. 2/20/2018 ISSUED FOR CONSTRUCTION.				AND JOB
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SHEET TITLE: ENLARGED SITE PLAN				SHEET NUMBER: A-2

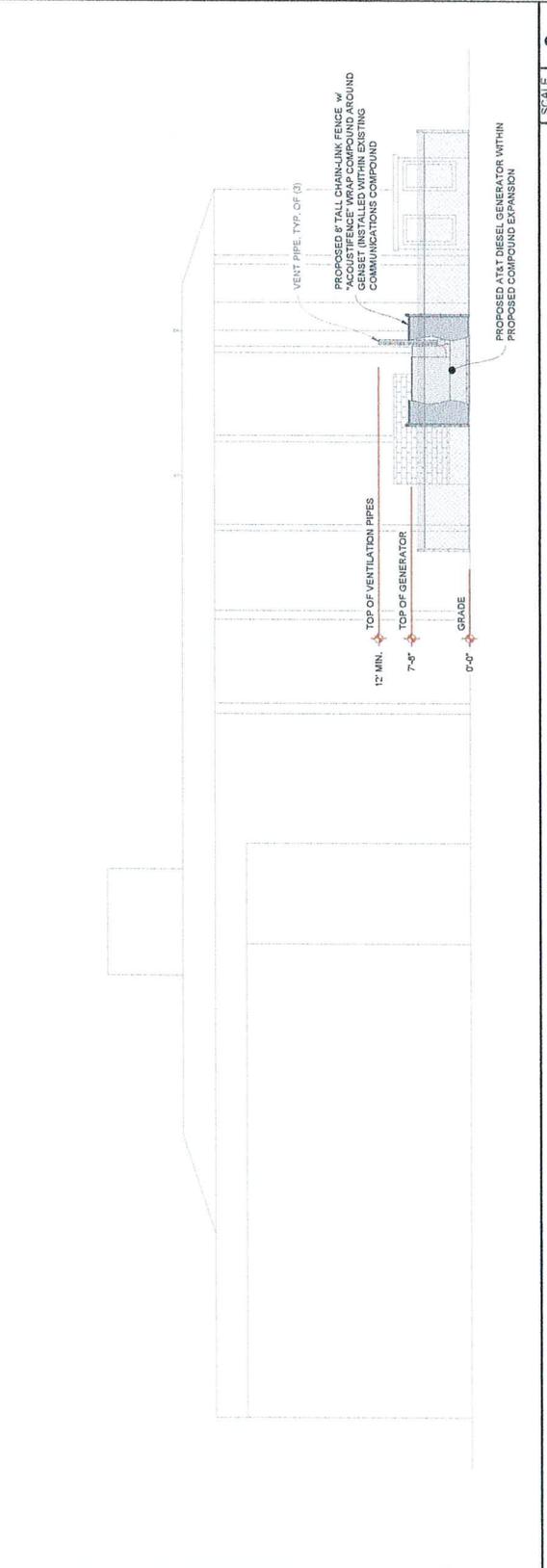


EVERYTHING SHOWN IS EXISTING UNLESS MARKED PROPOSED
 ENLARGED SITE PLAN
 SCALE: 1" = 5'-0" (11x17)
 1

 CITY USE	 GENERAL DYNAMICS Information Technology	 CEOSTRUCTURAL 3333 ADLINE STREET BERKELEY, CA 94703 WWW.CEOSTRUCTURAL.COM	 DATE: 5/20/2013 11:20:28	SITE INFORMATION: MARTIN LUTHER KING W 10087892 GENERATOR INSTALLATION PROJECT 3332 ADELINE STREET BERKELEY, CA 94703	REVISIONS <table border="1"> <thead> <tr> <th>REV#</th> <th>DATE</th> <th>DESCRIPTION</th> <th>INT</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11/20/2013</td> <td>REVISED FOR ADJUSTMENTS AND</td> <td></td> </tr> <tr> <td>2</td> <td>02/09/2013</td> <td>ISSUED FOR CONSTRUCTION</td> <td>NO</td> </tr> </tbody> </table> <p>THE INFORMATION CONTAINED IN THE SET OF DOCUMENTS IS PREPARED BY AND FOR THE EXCLUSIVE USE OF THE CLIENT AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE CLIENT. ANY REVISIONS SHALL BE STRICTLY RELATED TO THE CLIENT WORKS BE STRICTLY PROHIBITED.</p> CHECKED BY: OGD	REV#	DATE	DESCRIPTION	INT	1	11/20/2013	REVISED FOR ADJUSTMENTS AND		2	02/09/2013	ISSUED FOR CONSTRUCTION	NO
REV#	DATE	DESCRIPTION	INT														
1	11/20/2013	REVISED FOR ADJUSTMENTS AND															
2	02/09/2013	ISSUED FOR CONSTRUCTION	NO														
SHEET TITLE: ELEVATION VIEWS				SHEET NUMBER: A-3													



EXISTING ELEVATION VIEW
 SCALE: N.T.S. 1



PROPOSED ELEVATION VIEW
 SCALE: N.T.S. 2



CITY USE

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SITE INFORMATION:
MARTIN LUTHER KING W
10087892
GENERATOR INSTALLATION
PROJECT
3332 ADELINE STREET
BERKELEY, CA 94703

REV	DATE	DESCRIPTION	INT
1	11/20/20	ISSUED FOR CONSTRUCTION	AND
2	11/20/20	ISSUED FOR CONSTRUCTION	AND

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SHEET TITLE:
GENERAL STRUCTURAL DETAILS

SHEET NUMBER:
S-2

DIESEL TANK CHECKLIST:

- READILY ACCESSIBLE MANUAL SHUTOFF VALVES SHALL BE INSTALLED ON SUPPLY PIPING AT THE POINT OF USE AND THE TANK (CFC 800.322.1).
- TANKS SHALL BE UL LISTED, UL-140, AND COMPLY WITH ALL OF THE FOLLOWING REQUIREMENTS: OTHER THAN TRADITIONAL SPILL CONTROL OR SECONDARY CONTAINMENT MEASURES, SUCH AS DRAIN, SHALL BE UTILIZED (NFPA 30 22.11.4)
- CAPACITY OF DIESEL TANK SHALL NOT EXCEED 50,000 GALS.
- ALL CONNECTIONS SHALL BE MADE BY SIPHON FLOW.
- MEANS SHALL BE PROVIDED TO PREVENT OVERFLOW OF DIESEL FUEL INTO THE TANK.
- MEANS TO DETERMINE LIQUID LEVEL IN TANK SHALL BE PROVIDED TO DRIVER.
- DELIVERY OF LIQUID TO THE TANK AT 95% CAPACITY.
- TANK SHALL BE PROTECTED AGAINST DAMAGE FROM VEHICLES.
- INTERSTITIAL SPACE SHALL HAVE EMERGENCY VENTING.
- INTEGRITY OF SECONDARY CONTAINMENT SHALL BE ESTABLISHED.
- THE SECONDARY CONTAINMENT SHALL WITHSTAND THE HYDROSTATIC HEAD OF THE MAXIMUM AMOUNT OF LIQUID STORED IN THE PRIMARY TANK.

TANK LABELING AND PROTECTIONS:

- THE FOLLOWING SIGNS AND LABELS SHALL BE AFFIXED TO THE TANK.
- 1. DIESEL FUEL TANK (CFC 800.322.1)
- 2. DIESEL FUEL TANK (CFC 800.322.1)
- 3. DIESEL FUEL TANK (CFC 800.322.1)
- 4. DIESEL FUEL TANK (CFC 800.322.1)
- 5. DIESEL FUEL TANK (CFC 800.322.1)
- 6. DIESEL FUEL TANK (CFC 800.322.1)
- 7. DIESEL FUEL TANK (CFC 800.322.1)
- 8. DIESEL FUEL TANK (CFC 800.322.1)
- 9. DIESEL FUEL TANK (CFC 800.322.1)
- 10. DIESEL FUEL TANK (CFC 800.322.1)
- 11. DIESEL FUEL TANK (CFC 800.322.1)
- 12. DIESEL FUEL TANK (CFC 800.322.1)
- 13. DIESEL FUEL TANK (CFC 800.322.1)
- 14. DIESEL FUEL TANK (CFC 800.322.1)
- 15. DIESEL FUEL TANK (CFC 800.322.1)
- 16. DIESEL FUEL TANK (CFC 800.322.1)
- 17. DIESEL FUEL TANK (CFC 800.322.1)
- 18. DIESEL FUEL TANK (CFC 800.322.1)
- 19. DIESEL FUEL TANK (CFC 800.322.1)
- 20. DIESEL FUEL TANK (CFC 800.322.1)

GENERATOR FEATURES:

- GENERATORS SHALL BE UL 2200 LISTED AND COMPLY WITH NFPA 37 AND NFPA 110. (CFC 1293.1.1)
- INSTALLATIONS SHALL HAVE A LABELED REMOTE MANUAL STOP (NFPA 110 5.6.5.6 & 5.6.5.6.1 AND NFPA 37 9.2.1.1)

DOUBLE WALL FUEL TANK BASE SPECIFICATION:

- REF: AT&T 500W GENERATOR PACKAGE
- UL REGISTRATION NUMBER: MH 19459
- FUEL TANK BASE CONSTRUCTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH UNDERWRITERS LABORATORIES STANDARD UL-142, BE CONSTRUCTED IN ACCORDANCE WITH FLAMMABLE COMBUSTIBLE LIQUIDS CODE NFPA 30, THE STANDARD FOR FLAMMABLE LIQUID AND SOLID COMBUSTIBLE LIQUID SYSTEMS, NFPA 110, AND THE STANDARD FOR EMERGENCY STANDBY POWER SYSTEMS, NFPA 110.
- MINIMUM ANCHOR QUANTITY PER MANUFACTURER OR THIS PLAN SET, WHICHEVER IS LARGER.
- SUB BASE TANK TESTING:
 - PRIMARY TANK & SECONDARY CONTAINMENT BASIN SECTIONS SHALL BE PRESSURIZED AT 3.5 PSI
 - FOR 15 MINUTES. THE LEAKAGE RATE OF SUB BASE WELD SEAMS PER UL-142 STANDARDS SHALL NOT EXCEED 0.05 GALS PER HOUR PER SQUARE FOOT.
 - 40% REMAINING FOR ALARM
 - 20% REMAINING FOR SHUT-DOWN
 - FACTORY PRE-SET AT 50% FULL FOR ALARM
- FUEL CONTAINMENT BASIN:
 - SUB BASE TANK SHALL INCLUDE A WELDED STEEL CONTAINMENT BASIN, SIZED AT A MINIMUM OF 10% OF THE TANK CAPACITY TO PREVENT ESCAPE OF FUEL INTO THE ENVIRONMENT IN THE EVENT OF A FUEL LEAK OR RUPTURE. A FUEL CONTAINMENT BASIN LEAK DETECTOR SWITCH SHALL BE PROVIDED.

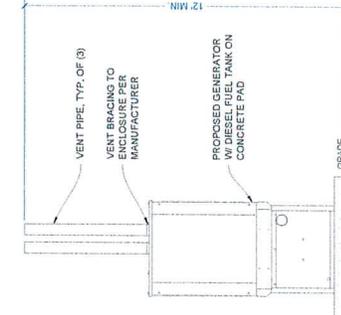
NEPA NOTES:

1. CONSTRUCTION, INSTALLATION, TESTING OF PIPES SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF NFPA 110.
2. ALL ELECTRICAL WORK SHALL COMPLY WITH LATEST ADOPTED EDITION OF NFPA 70 - NATIONAL ELECTRICAL CODE.

FUEL TANK NOTES:

- THE TANK SHALL BE MANUFACTURED IN ACCORDANCE WITH THE FOLLOWING:
 - INTERSTITIAL ELECTRONICALLY MONITORED RUPTURE BASIN
 - ALARM TO MONITOR THE SPACE BETWEEN THE PRIMARY AND SECONDARY TANK
 - OVERFILL ALERT TO VISUALLY WARN WHEN THE TANK IS FILLED UPON OVERFILL CONTAINMENT AT FUEL PORT TO PREVENT SPILL OF FUEL DURING FILLING OPERATIONS.
 - FUEL TANK SHALL BE PROVIDED WITH CONTAINMENT W/ LOCKABLE CAP.

**SEE SHEETS E-4.3, E-4.4 FOR VENT PIPES, FUEL FILL, SPILL & ALARM COMPONENTS



FOR FUEL & OTHER ENVIRONMENTAL EMERGENCIES CALL EH&S 1-800-566-9347 (*1-800-KNOWEHS)

PLACE ON (2) VISIBLE SIDES OF PROPOSED GENERATOR TANK 11.11.15 SIGN



PLACE ON (2) VISIBLE SIDES OF PROPOSED GENERATOR TANK 15" x 12" SIGN

DIESEL FUEL COMBUSTIBLE NO SMOKING NO OPEN FLAMES FUEL TANK CAPACITY 150 GALS

PLACE ON (2) VISIBLE SIDES OF PROPOSED GENERATOR TANK 15" x 12" SIGN

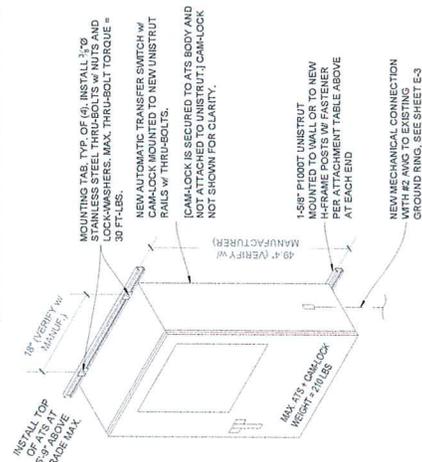
AT&T MOBILITY

PLACE ON (2) VISIBLE SIDES OF PROPOSED GENERATOR TANK 9.5" x 3" SIGN

UNISTRUT WALL ATTACHMENT:

WALL CONSTRUCTION	FASTENER
HOLLOW, AT STUD	3/8" DIA. x 2-1/2" EMBED GALV. 409 GR. 1 LAG SCREW
CONCRETE BLOCK (HOLLOW)	3/8" DIA. H.H.T.I. HY-270 (ESP-4143) W/ SCREEN, MINIMUM EMBEDMENT 2-3/8"
CONCRETE (SOLID)	3/8" DIA. H.H.T.I. HY-200 (ESP-3187), MINIMUM EMBEDMENT 2-3/8"

NOTES:
1. USE GALVANIZED OR STAINLESS STEEL HARDWARE FOR WALL MOUNT AND CONNECTION OF CHANNELS
2. GC SHALL USE NON-SHRINKING CAULK TO WEATHER SEAL ALL PENETRATIONS INTO OR THROUGH WALL



REQUIRED LABELING & SIGNAGE

ATS LOCATION NOTE:
ATS LOCATION SHOWN IN PLANS IS THE BEST AVAILABLE BASED ON THE INFORMATION PROVIDED. THE CONTRACTOR SHALL VERIFY THE LOCATION WITH THE LOCAL PERMITS CONSTRUCTION MANAGER AND/OR LANDLORD. THIS DETAIL PROVIDES ALTERNATIVE METHODS OF INSTALLATION. (NOT ALL DETAILS MAY BE USED).

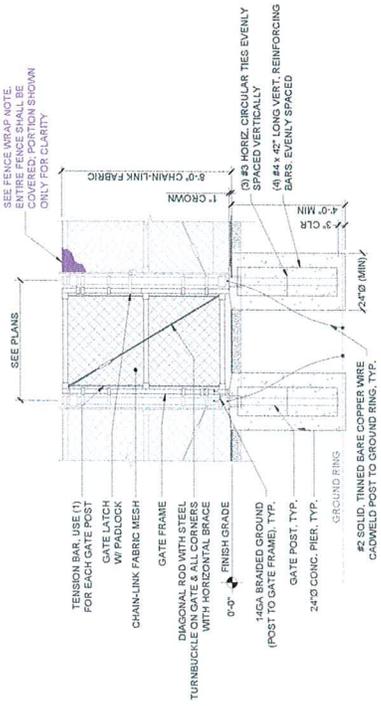
FENCE WRAP:
 1 CONTRACTOR TO INSTALL "ACOUSTIFENCE" NOISE REDUCING FENCE WRAP PER MANUFACTURER'S RECOMMENDATIONS AROUND ENTIRETY OF FENCE PERIMETER. SEE SHEET S-31.

CHAIN-LINK GATE/FENCE SPECIFICATIONS:
 (INSTALL FENCING PER ASTM F967 / SWING GATES PER ASTM F900)

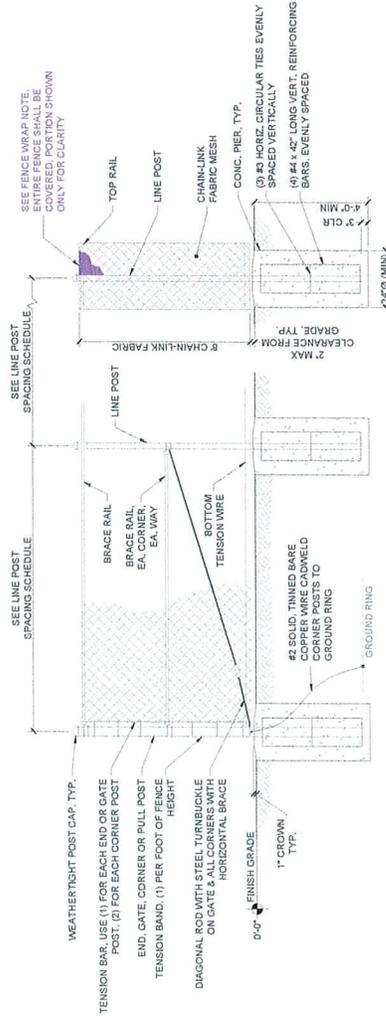
GATE POST	1.500" O.D. SCHEDULE 40 PIPE FOR GATE WIDTHS UP TO 6 FEET, PER ASTM F1083.	NOTES:
LINE POST	8" TALL = 2.875" O.D. SCHEDULE 40 PIPE PER ASTM F1083.	POST & FENCE PIPE SIZES ARE FENCE INDUSTRY STANDARD. ALL PIPE TO BE GALVANNEAL. DO NOT PLACE ALL POSTS EXCEPT INTERMEDIATES.
CORNER POST	3.500" O.D. SCHEDULE 40 PIPE PER ASTM F1083.	
TOP RAIL/BRACE RAIL	1.875" O.D. SCHEDULE 40 PIPE PER ASTM F1083.	
GATE FRAME	1.875" O.D. SCHEDULE 40 PIPE PER ASTM F1083.	
GATE LATCH	1.375" O.D. PLUNGER ROD W MUSHROOM TYPE CATCH AND LOCK.	CONTRACTOR TO INSTALL (2) GATE HOLDBACKS TO HOLD GATE OPEN DURING USE.
FABRIC	3 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM	
TIE WIRE	MINIMUM 11 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY 106 RINGS SPACED MAX. 24" INTERVALS.	
TENSION WIRE	7 GA. GALVANIZED STEEL.	
BARBED WIRE	DOUBLE STRAND 12-12" O.D. TWISTED WIRE TO MATCH LOCAL ORDINANCE OF BARBED WIRE. ALL WIRE SHALL BE APPROXIMATELY 5" CENTERS. COMPLIED WITH IF REQUIRED.	

LINE POST SPACING SCHEDULE:

DESCRIPTION	MAXIMUM SPACING
8" TALL MESH W/ ACOUSTIFENCE WRAP	4'-0"



CHAIN-LINK MAN GATE DETAIL



CHAIN-LINK FENCE DETAIL

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 WWW.GEOSTRUCTURAL.COM



DATE: 08/15/2017

SITE INFORMATION:
MARTIN LUTHER KING W
 10087892

PROJECT
GENERATOR INSTALLATION

3332 ADELPHI STREET
 BERKELEY, CA 94703

REVISIONS

REV	DATE	DESCRIPTION
1	11/20/2017	REVISED FOR ACOUSTIFENCE AND
2	01/05/2018	REVISED FOR CONSTRUCTION
3	01/05/2018	REVISED FOR CONSTRUCTION

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SHEET TITLE:

FENCE DETAIL

SHEET NUMBER:

S-3

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SITE INFORMATION:
MARTIN LUTHER KING W
10087892
PROJECT
GENERATOR INSTALLATION
5352 ADELUNE STREET
BERKELEY, CA 94705

REV#	DATE	DESCRIPTION	INT
1	11/05/03	REVISED FOR ACCOUSTIFENCE	JAD
2	01/20/04	DESIGN FOR CONSTRUCTION	JOS
3	02/10/04	REVISED FOR CONSTRUCTION	JOS
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100	03/10/12	REVISED FOR CONSTRUCTION	JOS

CHECKED BY: GGD
SHEET TITLE:
ACCOUSTIFENCE CUTSHEETS
SHEET NUMBER:
S-3.1

Product Data Sheet



Product Data Sheet



Product Name
AcoustiFence® Noise Reducing Fences

Physical Properties

- Barium free
- Minimum STC 28 per ASTM E90-02 & ASTM E413-87
- Minimum sound attenuation 24 dBA @ 100Hz & 16dBA @ 40Hz
- Size - 6 ft (1.83m) x 30 ft (9.14m) x 0.125 in. (.3mm) - 180 ft² (16.83m²)
- Color - black or green
- High UV resistance
- Heat tolerance: 200° F (93° C) for 7 days, less than 1% shrinkage with no deformation.
- Do not unroll or flex frozen material. Properties not affected by freeze/thaw cycles.
- No fungal or algal growth and no visible disfigurement, per ASTM D3273 and ASTM D3274 (rating=10)
- Tensile Strength - min. 510 PSI
- Weight per section: 185 lbs. (84Kg)

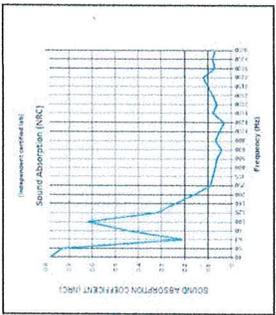
Material Specifications - Part # "AcoustiFence 6x30 Industrial"

Acoustical Rating	STC 28 / OITC 22
Size	6 ft (1.83m) x 30 ft (9.14m) x 0.125 in. (.3mm) 180 ft ² (16.72m ²)
Weight	185 lbs. (84Kg)
Fastening	Black brass grommets every 6 in. (152mm) along top edge with 1/4" galvanized steel along the bottom edge. Commonly installed horizontally.
Color	Black
(This is an industrial product and minor surface blemishes are a possibility.)	



6900 Interbay Blvd.
Tampa, Florida USA 33616
Telephone: (813)980-1400
www.Acoustiblok.com
sales@acoustiblok.com

Information herein is, to the best of our knowledge and belief, accurate. However, since conditions of handling and use are beyond our control, we make no warranty, expressed or implied, and we disclaim any liability for damages or injury of any kind, including consequential or incidental damages, arising from the use of the information herein. The information herein is provided for informational purposes only and does not constitute an offer of any product or service. The information herein is subject to change without notice.



Sound Absorption Test Results

Benefits:

- Effectively reduces exterior noise
- Easy to install
- Resistant to UV, dirt and water
- Resistant to corrosion, mold and mildew

Product Name
AcoustiFence® Noise Reducing Fences

For Manufacturer Info:

Contact:
Acoustiblok, Inc.
6900 Interbay Boulevard
Tampa, FL 33616
Call - (813) 980-1400
Fax - (813) 549-2653
Email - sales@acoustiblok.com
www.acoustiblok.com

Product Description

AcoustiFence was originally developed by Acoustiblok, Inc. for noise isolation on offshore oil rigs, but has since proven successful in many other demanding outdoor settings, such as construction sites, commercial/industrial facilities, and residential communities.

AcoustiFence Noise Reducing Fences

AcoustiFence is a unique, heavy-mineral filled, barium free, viscoelastic acoustical material that is made in the U.S.A. Unlike fences or shrubs, this material does extraordinarily well in blocking direct sound, and a unique characteristic of the material sets it apart from other sound barriers when dealing with very low frequencies.

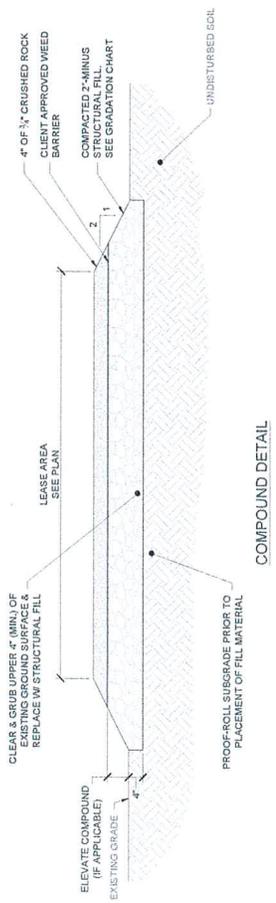
 CITY USE	 GENERAL DYNAMICS Information Technology	 GEOSTRUCTURAL CONSULTING & INSTALLATION CONTACT: GEO@GEOSTRUCTURAL.COM WWW.GEOSTRUCTURAL.COM		SITE INFORMATION: MARTIN LUTHER KING W 10087892 PROJECT GENERATOR INSTALLATION 3332 ADELPHINE STREET BERKELEY, CA 94703	REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11/20/20</td> <td>REVISED FOR ACCURACY</td> <td>JAK</td> </tr> <tr> <td>2</td> <td>03/20/21</td> <td>ISSUED FOR CONSTRUCTION</td> <td>JAK</td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	BY	1	11/20/20	REVISED FOR ACCURACY	JAK	2	03/20/21	ISSUED FOR CONSTRUCTION	JAK
REV	DATE	DESCRIPTION	BY														
1	11/20/20	REVISED FOR ACCURACY	JAK														
2	03/20/21	ISSUED FOR CONSTRUCTION	JAK														
CHECKED BY: GDD				SHEET TITLE: COMPOUND DETAIL													
SHEET NUMBER: S-4																	

AGGREGATE GRADATION CHART:
(% BY WEIGHT PASSING SIEVES)

SIEVE SIZE	2"-MINUS	1/2"-MINUS
2 1/2"	100	-
2"	90-100	-
1 1/2"	55-83	100
1"	-	90-100
3/4"	-	40-55
No. 4	30-50	-
No. 8	10-25	-
No. 200	0-8	3-9

- AGGREGATE NOTES:**
- 1 THE AGGREGATE MATERIAL TO BE USED SHALL BE PRODUCED FROM SOUND, TOUGH, DURABLE ROCK AND SHALL BE UNIFORM IN QUALITY AND GRADATION. THE CRUSHED MATERIAL SHALL BE FREE FROM SOFT OR DISINTEGRATED PIECES, ORGANIC MATERIALS, AND OTHER OBJECTIONABLE MATTER.
 - 2 THE AGGREGATE MATERIAL WILL SHOW A LOSS LESS THAN 35% IN THE LOS ANGELES ABRASION TEST.
 - 3 THE PERCENTAGE OF SOFT PARTICLES, AS DETERMINED BY THE CLAY LUMPS AND FRIABLE PARTICLES (ASTM T 113), SHALL NOT BE MORE THAN 5%.
 - 4 THE AGGREGATE MATERIAL USED WILL NOT HAVE A SAND EQUIVALENT LESS THAN 30 IF 5% OR MORE OF THE MATERIAL PASSES THE NUMBER 200 SIEVE.
 - 5 80% OF THE GRAVEL (BY WEIGHT) OF THE COMBINED COURSE AGGREGATE SHALL HAVE THREE OR MORE ROUGH ANGULAR SURFACES AND PRODUCED BY CRUSHING OF THE ROCK.
 - 6 THE FLOORTIGHT INDEX OF THE FINISHED AGGREGATE PRODUCT SHALL NOT EXCEED 6.

COMPACTION NOTE:
 STRUCTURAL FILL SHALL BE GRANULAR FREE-DRAINING MATERIAL FREE OF DEBRIS, ORGANICS, REFUSE AND OTHERWISE UNDESIRABLE MATERIALS. MATERIALS SHALL BE PLACED IN LIFTS NO GREATER THAN 12" IN DEPTH AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED PER ASTM D1557.



COMPOUND DETAIL



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GEOSTRUCTURAL
PO BOX 2021, BERKELEY, CA 94711
CONTACT@GEOSTRUCTURAL.COM
WWW.GEOSTRUCTURAL.COM



SITE INFORMATION:
MARTIN LUTHER KING W
10087882

GENERATOR INSTALLATION
PROJECT
3333 ADELINE STREET
BERKELEY, CA 94703

REVISIONS

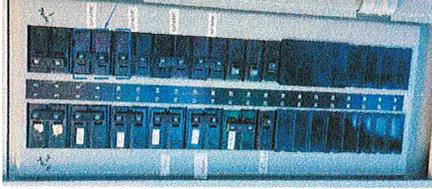
REV#	DATE	DESCRIPTION
1		1) HIGHEST REVISED FOR ADAPTATION TO... AND CONDUIT ISSUED FOR CONSTRUCTION.
2		2) DAMAGED FOR CONSTRUCTION.

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CHECKED BY: GDD

SHEET TITLE:
**ELECTRICAL
DETAILS**
SHEET NUMBER:
E-1

EXISTING DISTRIBUTION PANEL



(1) OR (3) PROPOSED 20 AMP BREAKERS FOR BLOCK HEATER, BATTERY HEATER, AND BATTERY CHARGER ON NEW (INSTALL FILLER PLATES ON ANY OPEN SLOTS)

ALL ELECTRICAL WORK CONDUCTED ON PANELS TO BE VERIFIED WITH CONSTRUCTION MANAGER AND CONDUCTED BY AN APPROVED ELECTRICAL CONTRACTOR OR LICENSED IN THE STATE.

PANEL NOTES:

- CONTRACTOR TO LABEL WIRES WITH P-TOUCH OR SIMILAR LABELS ONLY. ABSOLUTELY NO HANDWRITTEN LABELS.
- CONTRACTOR SHALL PERFORM A POWER STUDY ON EXISTING AC PANEL PRIOR TO INSTALLING, CHANGING, ALTERING OR REMOVING ANY BREAKER. NO WORK SHALL BE COMPLETED ON AC PANEL WITHOUT PROPER INSPECTOR OR ENGINEER APPROVED DOCUMENTATION CONFIRMING CAPACITY ON SITE. ALL WORK SHALL CONFORM TO CEC VERSION ENFORCED BY A.H.J. AT TIME OF INSTALLATION.
- CONTRACTOR SHALL VERIFY THAT THE MAXIMUM DEMAND FOR ALL CONNECTED EQUIPMENT AT THIS SITE AS CALCULATED PER CEC DOES NOT EXCEED THE GENERATOR OUTPUT CIRCUIT BREAKER RATING. SEE NOTE #4 ALSO.
- IF MAXIMUM DEMAND OF GENERATOR OUTPUT CIRCUIT BREAKER RATING AS CALCULATED PER CEC IS CONTINGENT ON THE TWO HVAC UNITS NOT OPERATING CONCURRENTLY, THEN CONTRACTOR SHALL VERIFY THAT THE HVAC LEADLAG CONTROLLER IS CONFIGURED TO PREVENT CONCURRENT OPERATION. IF NOT, THEN CONTRACTOR SHALL RECONFIGURE IT AS NEEDED TO PREVENT TRIPPING THE CIRCUIT BREAKER.
- SEE REQUIRED LABELING & SIGNAGE: SHEET S-2.

WIRE/CONDUIT SIZING: FEEDER MAX 1-WAY LENGTH IN FEET

WIRE SIZE	300A OCP	300A OCP	300A OCP	300A OCP	GROUND WIRE SIZE	CONDUIT SIZE
1/0	-	-	-	-	#4	1-1/2"
2/0	-	-	-	-	#4	2"
3/0	113	165	213	254	#4	2"
4/0	353	320	254	254	#4	2"
250 KCMIL	304	246	204	164	#4	3-1/2"
300 KCMIL	354	275	215	164	#4	3-1/2"
350 KCMIL	383	302	232	164	#4	3-1/2"
400 KCMIL	430	378	278	164	#4	3-1/2"
500 KCMIL	469	426	326	164	#4	3-1/2"
750 KCMIL	521	451	371	164	#4	3-1/2"
1000 KCMIL	568	498	418	164	#4	4"

FEEDER MAXIMUM LENGTH VALUES SHOW ARE FOR MAX. FEEDER VOLTAGE DROP OF 2.5%.

MAX. ONE-WAY LENGTH VS. WIRE SIZE FOR 20A GFCI AND GFCI REQ'D FOR LONG RUNS. PER SEC 300.1(B)(1) FOR CONDUCTORS 10 AND LARGER, INCREASED GROUND WIRE SIZE - BELOW GROUND EQUIVALENT SETS OF PARALLEL CONDUCTORS (UPSIDE GROUND WIRE AND CONDUIT ACCORDINGLY). SMALLER WIRE SIZE MUST BE REPLACED W/ ADEQUATELY SIZED LARGER CONDUCTORS.

WIRE SIZE	DISTANCE	GROUND WIRE SIZE	CONDUIT SIZE
#12	0-51 FT	#12	1"
#10	52-85 FT	#10	1"
#8	86-130 FT	#8	1"
#6	131-203 FT	#6	1"

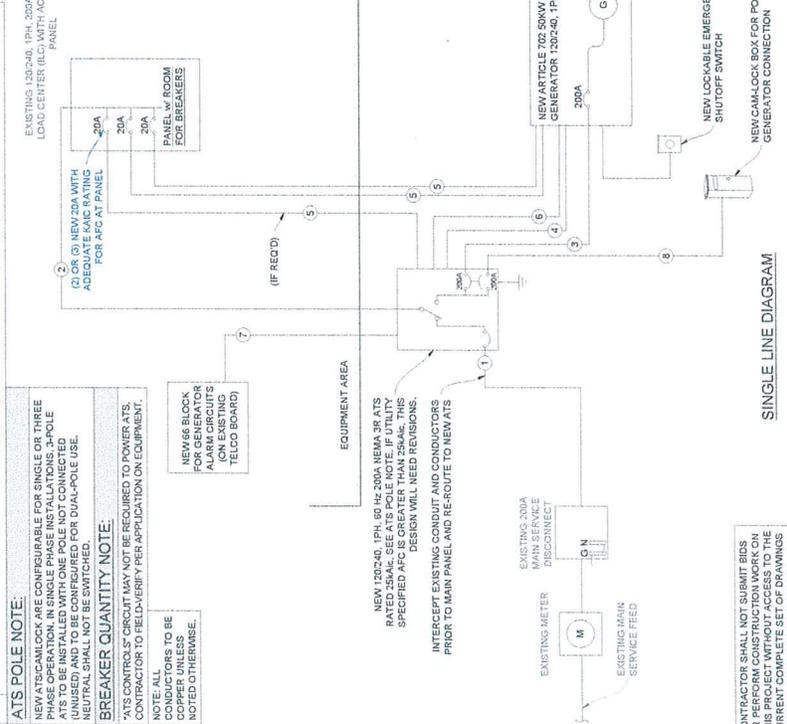
ALARM WIRE IDENTIFICATION CHART:

WIRE	ALARM
BROWN / WHITE	GENERATOR RUNNING
GREEN / WHITE	CRITICAL FAULT
BLUE / WHITE	MINOR FAULT
ORANGE / WHITE	LOW FUEL
BROWN / WHITE *	FUEL LEAK

*CATS CABLE ONLY, FROM 2ND CATS CABLE

NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
1	NORMAL POWER SOURCE	AUTOMATIC TRANSFER SWITCH	(3) WC	(1) WC	(1) WC	NORMAL POWER FEEDER TO ATS (CUT BACK EXISTING)
2	AUTOMATIC TRANSFER SWITCH	LOAD CENTER	(3) WC	(1) WC	(1) WC	POWER FEEDER FROM ATS TO PANELS
3	GENERATOR	TRANSFER SWITCH	(3) WC	(1) WC	(1) WC	STANDBY POWER FEEDER TO ATS
4	AUTOMATIC TRANSFER SWITCH	GENERATOR	(2) WC	(1) WC	(1) WC	START CIRCUIT
5	LOAD CENTER (DISTRIBUTION CENTER)	GENERATOR ATS	(2) WC (2) WC (2) WC	(1) WC (1) WC (1) WC	(1) WC (1) WC (1) WC	CNT FOR GEN BLOCK HEATER & BATTERY HEATER, CKT FOR BATTERY CHARGER, CKT FOR ATS CONTROLS (SEE BREAKER NOTE)
6	GENERATOR	THROUGH ATS TO ALARM BLOCK	12-PAIR 24 AWG OR 2EA 8-PAIR CATS	N/A	1"	ALARM CABLES TO PANELS (RUN THRU INTERIOR OF SHELTER OR GROUND EQUIPMENT & INTO ALARM BOX). PROVIDE SINGLE PAIR FOR COMMERCIAL POWER FAIL ALARM. PROVIDE 24" OF SLACK CABLE. FINAL PUNCH DOWN W/ WIREB.
7	AUTOMATIC TRANSFER SWITCH	ALARM BLOCK	(3) 12-PAIR 24 AWG OR (2) 8-PAIR CATS (1) 1-PAIR 2-4AWG	N/A	1"	ALARM CABLES TO PANELS (RUN THRU INTERIOR OF SHELTER OR GROUND EQUIPMENT & INTO ALARM BOX). PROVIDE SINGLE PAIR FOR COMMERCIAL POWER FAIL ALARM. PROVIDE 24" OF SLACK CABLE. FINAL PUNCH DOWN W/ WIREB.
8	CAM-LOCK BOX	AUTOMATIC TRANSFER SWITCH	(3) WC	(1) WC	(1) WC	STANDBY POWER FEEDER TO ATS

(WC) = SEE WIRE/CONDUIT SIZING TABLE FOR VALUES



GENERAC INDUSTRIAL POWER

SD050 | 3.4L | 50 kW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

STANDARD FEATURES

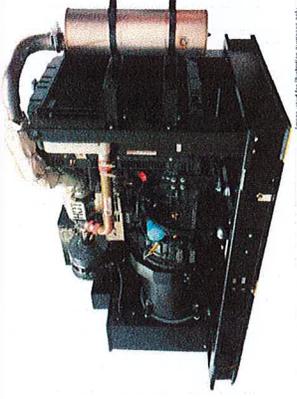
- ENGINE SYSTEM**
 - Oil Drain Extension
 - Air Cleaner
 - Fan Guard
 - Stainless Steel Flexible Exhaust Connection
 - Factory Filled Oil and Coolant
 - Radiator Drive Adapter (Open Set Only)
 - Critical Starter (Enclosed Units Only)
- Fuel System**
 - Fuel Lockoff Switch
 - Primary Fuel Filter
- Cooling System**
 - Closed Coolant Recovery System
 - UV/Ozone Resistant Hoses
 - Factory-Installed Radiator
 - Radiator Drive Extension
 - SD50 Ethylene Glycol Antifreeze
 - 120 VAC Coolant Heater
- Electrical System**
 - Battery Charging Alternator
 - Battery Cables
 - Robber-Beam Engine Electrical Connections
 - Submersible Activated Starter Motor

- ALTERNATOR SYSTEM**
 - UL2200 GE/Incovert™
 - 12 Leads (3-Phase, Non 600V)
 - Class H Insulation Material
 - Vented Rotor
 - 2/3 Pitch
 - Shelved Stator
 - Emergency Stop Button
 - Emergency Stop Regulator Power Winding
 - Emergency Stop Solenoid
 - Socket Bearing
 - Automated Manufacturing (Winding, Insertion, Lacing, Varnishing)
 - Fall Load Capacity Alternator
 - Protective Thermal Switch
- GENERATOR SET**
 - Winged Exhaust
 - Emergency Stop Switch
 - Separation of Circuits - High/Low Voltage
 - Separation of Circuits - Multiple Breakers
 - Winged Exhaust Piping
 - Standard Factory Tying
 - 2 Year Limited Warranty (Prime Rated Units)
 - Blower Mounted in the Discharge Hood
 - Blower at Heat Shield

- ENCLOSURE (If Selected)**
 - Rust-Proof Fasteners with Nylon Washers to Protect Finish
 - High Performance Sound-Absorbing Material (Optional Enclosures)
 - Coated Door
 - Stamped Air-Inake Louvers
 - Upward Facing Discharge Hoods (Radiator and Exhaust)
 - Stainless Steel Lift Off Door Hinges
 - Stainless Steel Lockdown Handles
 - Reinforced™ - Insulated Polyester Powder Coat Paint
- FUEL TANKS (If Selected)**
 - UL 142ULC S-601
 - Double Wall Construction
 - Vents
 - Shaped Top
 - Shaped Bottom
 - Factory Pressure Tested - 2 psi
 - Rupture Basin Alarm
 - Fuel Level
 - Check Valve in Supply and Return Lines
 - Reinforced™ - Insulated Polyester Powder Coat Paint
 - Stainless Steel Hardware

GENERAC INDUSTRIAL POWER

SD050 | 3.4L | 50 kW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency



Standby Power Rating
50 kW, 63 kVA, 60 Hz

Prime Power Rating*
45 kW, 56 kVA, 60 Hz



Codes and Standards

Not all codes and standards apply to all configurations. Contact factory for details.

- UL UL2200, UL6200, UL1236, UL142
- CSA C22.2
- BSS514 and DIN 6271
- SAE J1349
- NFPA 37, 70, 99, 110
- NEC700, 701, 702, 708
- ISO 3046, 7637, 8628, 9001
- NEMA ICS10, MG1, 250, ICS6, AB1
- ANSI C62.41
- IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

For over 50 years, Generac has provided 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 gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

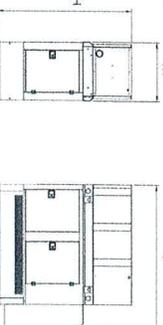
Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial applications under adverse conditions.

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

LEVEL 2 SOUND ATTENUATED ENCLOSURE

Bay	Height	Weight	Sound Power Level (dB)	Sound Pressure Level (dB)			
12	54 (206)	64.8 (226)	126 (150)	126 (150)	126 (150)	126 (150)	126 (150)
18	81 (319)	97.2 (346)	126 (150)	126 (150)	126 (150)	126 (150)	126 (150)
24	108 (425)	129.6 (461)	126 (150)	126 (150)	126 (150)	126 (150)	126 (150)

* All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.



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FOR INFORMATION ONLY

SITE INFORMATION:
MARTIN LUTHER KING W
10087892

GENERATOR INSTALLATION PROJECT
3332 ADELINE STREET
BERKELEY, CA 94703

REVISIONS

REV#	DATE	DESCRIPTION
1	11/20/20	REVISED FOR APPROVAL
9	08/09/20	ISSUED FOR CONSTRUCTION

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SHEET TITLE
GENERATOR SPECIFICATIONS

SHEET NUMBER:
E-4.0

SPEC SHEET 2 of 6

SPEC SHEET 1 of 6

GENERAC 50KW GENERATOR SPECIFICATIONS

- CONTROL SYSTEM**
 - Audible Alarms and Shutdowns
 - Not In Auto (Flashing Light)
 - Auto/Off/Manual Switch
 - E-Stop (Red Mushroom-Type)
 - MP2110 Level 1 and 1 (Programmable)
 - Configurable Alarms, Warnings, and Events
 - Modbus™ Protocol
 - Protective Maintenance Algorithms
 - Solar Boards
 - Frequency Parameter Adjustment Protection
 - Single Point Ground
 - 16 Channel Remote Titrating
 - 0.2 msec High Speed Remote Titrating
 - Alarm Information Automatically Annunciated on the Display
- Digital H Control Panel- Dual 4x20 Display**
 - Programmable Crank Limiter
 - 7-Day Programmable Exerciser
 - Special Applications Programmable Logic Controller
 - RS-232/485 Communications
 - All Phase Sensing Digital Voltage Regulator
 - 2-Wire Start Capability
 - KW Hours, Total, and Last Run
 - Real/Reactive/Apparent Power
 - Isosynchronous Governor Control
 - Waterproof/Sealed Connectors
- Program Functions**
 - Programmable Crank Limiter
 - 7-Day Programmable Exerciser
 - Special Applications Programmable Logic Controller
 - RS-232/485 Communications
 - All Phase Sensing Digital Voltage Regulator
 - 2-Wire Start Capability
 - KW Hours, Total, and Last Run
 - Real/Reactive/Apparent Power
 - Isosynchronous Governor Control
 - Waterproof/Sealed Connectors
- Full System Status Display**
 - Power Output (KW)
 - Power Factor
 - KW Hours, Total, and Last Run
 - Real/Reactive/Apparent Power
 - All Phase AC Voltage
 - All Phase Currents
- Alarms and Warnings**
 - Oil Pressure
 - Coolant Temperature
 - Coolant Level
 - Engine Speed
 - Battery Voltage
 - Frequency
- Alarms and Warnings**
 - Oil Pressure
 - Coolant Temperature
 - Coolant Level
 - Engine Overload
 - Battery Voltage
 - Alarms and Warnings Time and Date Stamped on the Display
 - Snap Shots of Key Operation Parameters During Alarms and Warnings
 - Alarms and Warnings Speller Out (No Alarm Codes)

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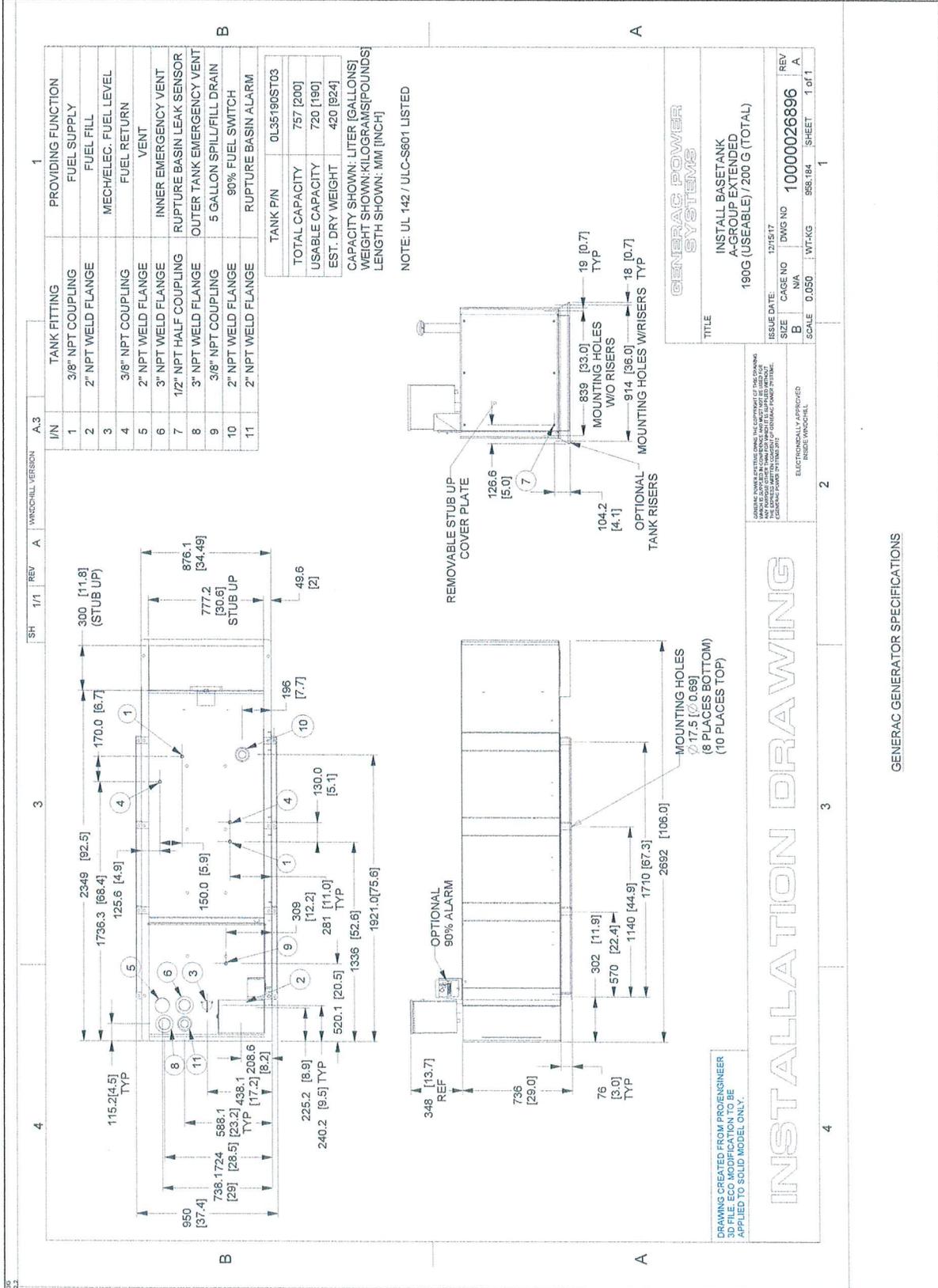
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WWW.GEOSTRUC001A0101.COM

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SITE INFORMATION:
MARTIN LUTHER KING W
10087882
GENERATOR INSTALLATION
PROJECT

SAS, AGENC'S SHEET
SERIES: GA4203

REV. DATE	DESCRIPTION	INT
1	11/02/03 REVISED FOR ACQUISITION	JMO
2	2/02/04 ISSUED FOR CONSTRUCTION	JMO
3	11/02/04 REVISED FOR CONSTRUCTION	JMO
4	11/02/04 REVISED FOR CONSTRUCTION	JMO
5	11/02/04 REVISED FOR CONSTRUCTION	JMO
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9	11/02/04 REVISED FOR CONSTRUCTION	JMO
10	11/02/04 REVISED FOR CONSTRUCTION	JMO
11	11/02/04 REVISED FOR CONSTRUCTION	JMO



GENERATOR SPECIFICATIONS

INSTALLATION DRAWING

DRAWING CREATED FROM PROENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

UNLESS OTHERWISE SPECIFIED, THE DIMENSIONS OF THIS DRAWING SHALL BE GIVEN IN MILLIMETERS AND METRIC UNITS. DIMENSIONS IN PARENTHESES ARE IN INCHES. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS. DIMENSIONS IN SQUARE BRACKETS ARE IN INCHES. DIMENSIONS IN CIRCLES ARE IN MILLIMETERS. DIMENSIONS IN TRIANGLES ARE IN INCHES. DIMENSIONS IN DIAMETERS ARE IN MILLIMETERS. DIMENSIONS IN RADIUSES ARE IN MILLIMETERS. DIMENSIONS IN DEGREES ARE IN DEGREES. DIMENSIONS IN PERCENTS ARE IN PERCENTS. DIMENSIONS IN PERCENTS ARE IN PERCENTS. DIMENSIONS IN PERCENTS ARE IN PERCENTS.

ELECTRONICALLY APPROVED
INSIDE: WINDCHILL

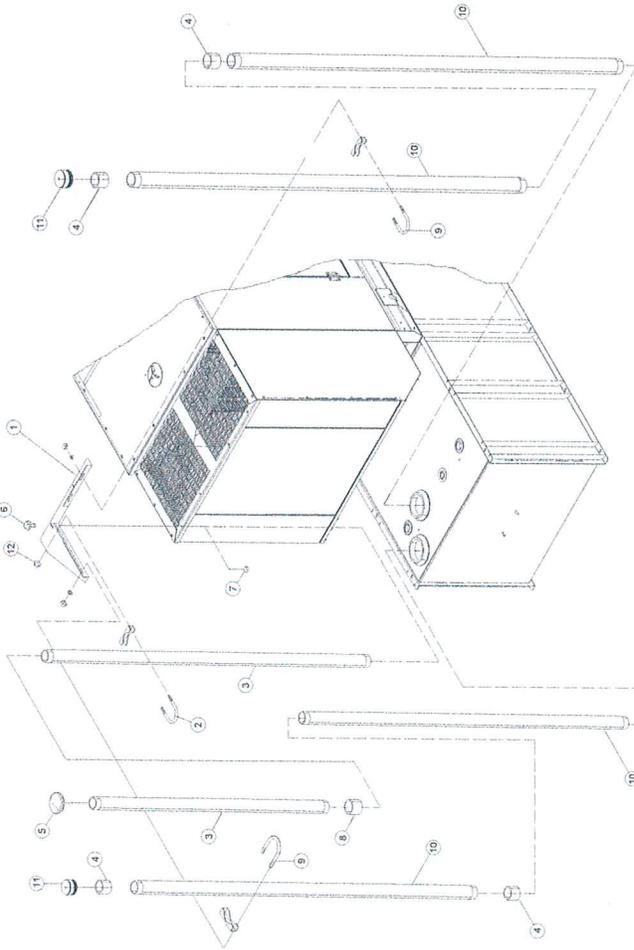
1 of 1
SHEET 855.184
10000026896
DWG NO
N/A
CAGE NO
12/15/17
ISSUE DATE

EXPLODED VIEW: EV VENT EXT AGRP 2'3 ATT
DRAWING #DK9817A

GROUP H

ITEM	PART#	QTY.	DESCRIPTION
(1)	063036V1STDR	1	BRACKET VENT EXT AGRP 2'3 ATT
2	063036S	1	PIPE VENT EXTENSION 72" LG
3	10000016076	4	COUPLING PIPE 3 ZINC
4	0621178	1	VENT DEM 2"
5	0621178	1	VENT DEM 2"
6	0621178	1	VENT DEM 2"
7	0621178	1	VENT DEM 2"
8	0621178	1	VENT DEM 2"
9	064254	2	BOLT U 3/8-16 X 3.50" W/SADDLE
10	072882A	2	VENT CAP EMERGENCY
11	072882A	2	VENT CAP EMERGENCY
12	064101	2	NUT HEX FL WHIZ 3/8-16

NOTES (UNLESS OTHERWISE SPECIFIED)
(1) SHEET METAL PARTS LISTED IN THE BOM TABLE ARE REPRESENTING GENERIC PARTS (NO COLOR).
PARTS COLORED AS SHOWN.
* CUSTOMER: WHEN ORDERING REPLACEMENT PARTS, PLEASE INCLUDE PART NUMBER.
(FIRST 5 DIGITS ONLY) IN THE SYSTEM FOR CORRECT MATERIAL AND COLOR. (FOR REFERENCE SEE GUIDELINE 0H7169).



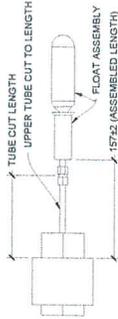
REVISION: CH-0015646-5W
DATE: 3/4/15

EMERGENCY VENT PIPE ASSEMBLY

EXPLODED VIEW: EV VENT EXT AGRP 2'3 ATT
DRAWING NO.: 09817A

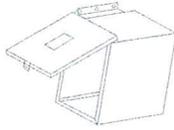
GENERAC GENERATOR SPECIFICATIONS

OVERFILL PREVENTION VALVE INSIDE TANK (FACTORY-INSTALLED)



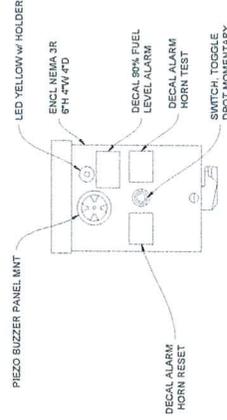
GENERAC 0J7671

FUEL SPILL/FILL DRAIN OUTSIDE TANK (FACTORY-INSTALLED)

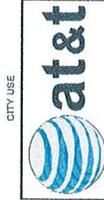


GENERAC 0J7606A

REMOTE 90% FUEL ALARM (FACTORY-INSTALLED)



GENERAC OF2908\$



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INFORMATION
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SITE INFORMATION:
MARTIN LUTHER KING W
10087892
PROJECT
GENERATOR INSTALLATION
3332 ADELINE STREET
BERKELEY, CA 94703

REV#	DATE	DESCRIPTION	INT
1	11/20/07	REVISED FOR ACCURACY	JAD
5	03/09/10	ISSUED FOR CONSTRUCTION	JAD

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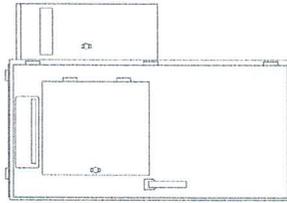
CHECKED BY: GGD
SHEET TITLE:
GENERATOR
SPECIFICATIONS
SHEET NUMBER:
E-4.3

TTS Series
Switches

200 Amps
600 VAC

GENERAC | INDUSTRIAL
POWER

TAS200
200A Automatic Transfer Switch



The Generac TAS200 Automatic Transfer Switch

- Flexibility for multiple application installations
- Multiple generator support with 3 source panel
- Designed with a 6 inch touch screen controller for improved user interface
- Camlock functionality for mobile generator sources

Features

- STEEL CONSTRUCTION
- NEMA 3R ENCLOSURE WITH HINGED "PADLOCKING" DOORS
- STAINLESS STEEL HARDWARE
- CAMLOCK "QUICK CONNECT" CAPABILITY
- OPERATIONAL STATUS VIEW VIA 6 INCH TOUCH SCREEN
- TEST FUNCTION - FAST TEST & NORMAL TEST
- UL1008 LISTED - FOR EMERGENCY SYSTEMS

Optional Features

- EXTENDED WARRANTY
- THREE-PHASE VOLTAGE CONFIGURATIONS

Codes and Standards

Generac products are designed to the following standards:

- UL LISTED (UL 1008, UL 508, UL 50, CSA C22.2 No. 178)
- mpc (NEC 700, 701 and 702)
- NEMA (NEMA 250)

Application and Engineering Data

Cabinet Specifications	24 1/2" x 12" D x 46 1/2" H
Dimensions	210 lbs.
Weight	Single Chamber with Main Door
	Steel
Construction	UL Type / NEMA 3R Rated
	Powder Coat Finish for Corrosion Resistance
	C-UL-US Listed - Automatic Transfer Switch
	Stainless Steel Hardware
	3-Point Latching System with Pad-Lockable Handles
Mounting Options	Wall
	H-frame
Installed	Pre-wired alarm terminal strip

Electrical Specifications	120/240 Single-Phase, 200A
	120/208 3-Phase, 200A
	120/240 3-Phase, 200A
Voltage/Phase/Amps	Eaton 200 amp Generator Breaker
Breaker	Eaton 200 amp Generator Breaker
	25k AIC Rated
	200
Maximum RMS Symmetrical Fault Current - Amps	350MCM - #6 AWG
Protective Device Continuous Rating (Max)/Amp	350MCM - #6 AWG
Input to Generator	Deutsch DTM04-12PA-L012
Output to Site	Generator Run Alarm
Generator Annunciator Connector	Generator Fail - Shutdown Alarm
	Generator Fail - Non Shutdown Alarm
Alarm Terminal Board	Low Fuel Alarm
	Generator Theft Alarm
	AC Utility Fail Alarm

CITY USE



GENERAL DYNAMICS
Information Technology



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POWER SYSTEMS ENGINEERING
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REV.	DATE	DESCRIPTION	BY	CHK
1	11/20/2017	REVISED FOR ACCURACY AND		
2	02/09/2018	ISSUED FOR CONSTRUCTION		

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SHEET TITLE:
**ATS
SPECIFICATIONS**
SHEET NUMBER:
E-5.0

GENERAC ATS SPECIFICATIONS

TTS Control Systems

INDICATORS AND BUTTONS

- . System Ready indicator
- . Standby Operating indicator
- . Utility Available indicator
- . GEN/UTIL Switch Position indicator
- . TVSS status

- . Normal Test button
- . Fast Test button
- . Return to Normal button
- . Reset button
- . Exercising indicator

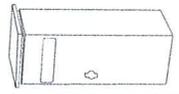
DETAILS SCREEN

- . System Settings:
 - System Voltage/Phases:
 - 120/240V single phase (standard)
 - 120/208V three phase (optional)
 - . Utility Fault Monitor:
 - Over Voltage: 75-95% of nominal voltage
 - Over Voltage: 105%-125% of nominal voltage
 - Pickup (hysteresis): fixed at 5 volts
 - Delay time: 0-50s
 - . Utility Interrupt Delay: 0-50s
 - . Return to Utility Timer: 1-30 minutes
 - . Transfer:
 - In-phase, or
 - Time-Delay-Neutral at 0.0-10.0s in 1 second increments
- . Engine Settings:
 - . Engine Warm-up timer: 0-20 minutes
 - . Generator Load Accept:
 - Time-Delay-Neutral at 0.0-10.0s in 1 sec increments
 - Voltage: 85-95% of nominal
 - Frequency: 85-95% of nominal
 - . Engine Minimum Run Timer: 5-30 minutes
 - . Engine Cooldown Timer: 0-20 minutes

- . Exercise Settings:
 - . Time of day
 - . Day of week
 - . Exercise:
 - Exercise with/without load
 - Exercise once every 1, 2, or 4 weeks.
 - Exercise time-of-day
 - Exercise day of week
 - Exercise duration: 15-30 minutes
- . Screen Settings:
 - . Brightness & Contrast button
 - . Screen Calibration button
 - . Startup/Clean screen
- . Diagnostics:
 - . Digital I/O bits status
 - . Voltage A/D readings
- . Mimic Diagram:
 - . System Ready
 - . Transfer switch position
 - . Utility available
 - . Standby available
 - . Maintenance/Auto switch position
 - . Generator source TS position
 - . TVSS status

Camlock Component

Camlock Component	Shipped loose for multiple installation options
Dimensions	8" W x 8.4" D x 24.25" H
200A Camlock Generator Connection	Single-Phase: Black L1, Red L2, White-Neutral, Green-Ground
	3-Phase: Black L1, Red L2, Blue L3, White-Neutral, Green-Ground
	Uses 4 CH E1016 Male Connectors
	Mating Connector - CH E1016 Female



CAM-LOCK BOX SPECIFICATIONS

CITY USE



GENERAL DYNAMICS
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SHEET TITLE:
CAM-LOCK BOX
SPECIFICATIONS

SHEET NUMBER:
E-5.1

