SPECIAL AGENDA CITY OF FERNDALE - HUMBOLDT COUNTY U.S.A. DESIGN REVIEW COMMITTEE MEETING

Location VIA ZOOM CONFERENCE **Date:** January 7, 2020

Time: 8:30 am

This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20 issued on March 17, 2020 that allows attendance by members of the Committees, City staff, and the public by teleconference, videoconference, or both.

We are strongly recommending that public comments for this meeting be submitted prior to the meeting. Public comments should be submitted to cityclerk@ci.ferndale.ca.us by 4:00pm on Wednesday, September 30, 2020, please be sure to put "Public Comment "in the subject line, and include the agenda item if applicable. All public comments received by 4pm will be read into the record (limit to 5 minutes) during the regular meeting.

To provide public comment during the meeting, you will need to join the Teleconference meeting.

To Join Zoom Meeting use the link:

https://us02web.zoom.us/j/86533106851?pwd=eG050XRibjFUekV6b1FDbndRLzNvQT09

or go to Zoom.us and input the following:

Meeting ID: 865 3310 6851

Passcode: 219042

Dial in using your telephone: (Use *6 to mute and unmute)

+1 669 900 6833 US (San Jose) +1 253 215 8782 US (Tacoma)

Meeting ID: 865 3310 6851

Passcode: 219042

- 1. CALL MEETING TO ORDER CITY CLERK WILL DO ROLL CALL
- 2. MODIFICATIONS TO THE AGENDA
- 3. APPROVAL OF PREVIOUS MINUTES
 - A. Minutes of the December 10, 2020 Meeting...... Page 3
- 4. PUBLIC COMMENT. (This time is for persons who wish to address the Committee on any matter not on this agenda and over which the Committee has jurisdiction).
- 5. BUSINESS
- 7. COMMITTEE MEMBER COMMENTS
- 8. ADJOURN

This notice is posted in compliance with Government Code §54954.2.

The next Regular Meeting of the Ferndale City Design Review Committee will be AS NEEDED DURING COVID-19 PANDEMIC

CALL MEETING TO ORDER

MODIFICATION TO THE AGENDA

APPROVAL OF PREVIOUS MINUTES

City of Ferndale, Humboldt County, California USA

Design Review Minutes for the 12/10/2020 Agenda - 8:30am meeting

Chair Jeff Farley opened the teleconference meeting at 8:35 a.m. Committee Members Ellin Beltz and Jorgen von Frausing-Borch were present along with City Clerk Kristene Hall.

Modifications to the Agenda: None.

Approval of Previous Minutes: Approval of the September 10, 2020 Meeting Minutes. (von Frausing-**Borch/Beltz) Unanimous**

Public Comments: No Comment

475 Berding: Committee Members were presented with color swatches for the painting of a fence that was previously approved. City Clerk Kristene Hall explained that the committee had asked the applicant to come back once paint had been chosen for the project. The committee did not have any questions or concerns. MOTION: to approve the for the previously approved fence. (von Frausing-Borch/Beltz) Unanimous

989 Milton: Committee Members were presented with an application to install a diesel generator and concrete pad for communications backup. Committee Member Beltz stated concerns on the plans that showed the generator placement outside the property line. Other concerns raised were if fuel would be stored onsite and fuel leakage. The applicant was not present to ask questions. Committee members asked the project be tabled until the applicant could be present to answer questions. There was no motion. Staff will contact applicant and schedule a meeting at a future date.

Correspondence: None

Committee Member Comments: None

Meeting adjourned at 8:55 am

Respectfully submitted,

Kristene Hall City Clerk

PUBLIC COMMENT

BUSINESS

Meeting Date:	ing Date: January 7, 2021 Agenda Item Number		r	5.a			
Agenda Item Title	98	989 Milton Avenue					
Presented By:	T-1	T-Mobile, Synergy, and/or Staff					
Type of Item:	Х	Action		Discussion		Information	
Action Required:		No Action	X	Voice Vote		Roll Call Vote	

PROJECT DESCRIPTION: Request for a Design Review Use Permit to install a diesel generator on new concrete slab and install an automatic transfer switch at 989 Milton Avenue (APN 030-111-004).

RECOMMENDATION: Staff has included findings of fact (Attachment A) necessary to take an action on the Design Review Use Permit. If the Design Review Committee accepts the findings of fact or makes comparable findings, then staff recommends the Committee approve the Design Review Use Permit, subject to the conditions of approval listed in Attachment B.

RECOMMENDED MOTION: "Make the required findings of fact listed in Attachment A to approve the Design Review Use Permit, subject to the conditions of approval listed in Attachment B, to install a diesel generator on a new concrete slab and install an automatic transfer switch as stated in the submitted plans."

ATTACHMENTS: Findings of Fact, Conditions of Approval, project description, photos, and plans.

Attachment A FINDINGS OF FACT

The following findings of fact are required for approving the Design Review Use Permit.

- 1. The proposed design, materials, and colors are visually harmonious with and conceptually consistent in character and scale with surrounding area.
- 2. The existing project, as outlined and with conditions:
 - Conforms to and is consistent with the Ferndale General Plan;
 - Does not impair the natural beauty of the town's site and setting; and
 - Will not be unsightly, obnoxious or undesirable in appearance to the extent that it will hinder the harmonious development of the zone, impair the desirability of the zone for the uses permitted therein, or limit the opportunity to attain optimum use and value of the land and improvements or otherwise adversely affect the general property and welfare.

Attachment B CONDITIONS OF APPROVAL

Staff recommends Design Review Use Permit approval be subject to the following conditions. The violation of any term or requirement of this conditional approval may result in the revocation of the permit.

- The applicant shall be responsible to pay all applicable fees, deposits or charges associated with
 processing and finalizing the Design Review Use Permit, and/or otherwise owed to the City of
 Ferndale. All applicable or other required fees shall be paid to the satisfaction of the City of
 Ferndale before the Permit and uses allowed are considered final and approved.
- 2. All proposed work shall be in conformance with the approved permit application and with the information and analysis contained in the associated staff report and conditions of approval on file with the City. Should the work deviate from that as allowed by this approval, then the applicant may be required to first receive Design Review Committee approval for such changes.
- 3. Should the applicant or any other future owner of the subject property not conform to the requirements of these conditions, then said non-conformance shall constitute a violation of this Design Review Use Permit and shall become null and void until either all the issues have been addressed to the satisfaction of the City, or the permit is revoked.
- 4. All proposed and/or future development, improvements, and construction authorized hereunder shall be in conformance with all applicable City ordinances, regulations and codes, including but not limited to Zoning Ordinance 02-02, including the Design Review requirements, the Uniform Building Code, any Fire Codes and/or Public Health & Safety Code, applicable to the nature and type of proposed use and/or construction. A City building permit is required for any construction associated with the proposed project with the burden on the applicant to comply.

CITY OF FERNDALE
PLANNING DEPARTMENT

STANDARD APPLICATION FORM

Please nr	rovide the following information as it ap	nlies to you		n For questions, call 786-4224
			10/00/00	1. For questions, can 700-4224.
1.	Type of Application	Date:	10/08/20	
	D. J.O. Duralifact Inn			Advance Cubalization / A manager on loss)
	Bed & Breakfast Inn			Minor Subdivision (4 parcels or less)
	Exception to Development Standards			Second Dwelling Unit
	Historic District Design Review			Street Vacate
	Home Occupation Permit			Use Permit
	Lot Line Adjustment		X	Use Permit – Design Review
	Merger			Variance
	Major Subdivision (5 parcels or more)			Zoning & General Plan Amendment
	·· · · · · · · · · · · · · · · · · · ·	y Investmen	et Inc	
2.	Name of Property Owner: Cream Cit			
	Address: 1400 Main Street, Ferndale,		" / T.A.	POBox
3.	Name of Applicant (if different): Mat			
	Address: <u>7543 Woodley Avenue, Suite</u>			
4.	Property Location: Oak Grove Road,		ek, CA 9410!	5
	Accessor Parcel Number(s):030-111	L-004		
	Description:			
	Lot Area:			
5.	Present Use of Property: <u>Unmanned</u>	telecommu	nications fa	cility
	Present Zoning: C-1-D-Q			
6.	Description of Proposed Project: Modi	fication of a	n existing T-	-Mobile wireless telecommunications
	facility: Install (1) diesel generator on	(N) concrete	slab, Instal	(1) automatic transfer switch
review and application requested revoking a	d processing of development permits.) I here n and all attached exhibits is full, complete a I information or of any information subseque	eby certify than nd correct, and ently requeste	at to the best nd I understar nd shall be gro	
Matt	thew David	_	10/08/20	
Signature	e of Applicant or Agent	D	ate	
Authoriza	ation of Agent: I hereby authorize			to act as my representative
and bind	me in all matters concerning this applic	ation.		(Form 100208)
FOR STAFF	F USE ONLY			

Ap notified

Returned

Project Final

Sent to DR

Full Ap Rec'd

January 7, 2021 DESIGN REVIEW SPECIAL AGENDA

HARDENING NATIONAL 50kW DIESEL



SHEET DESCRIPTION

TITLE SHEET

A-1 OVERALL SITE PLAN

A-2 | EQUIPMENT LAYOUT PLAN

D-1 | SPECIFICATIONS AND DETAILS

D-2 GENERATOR SPECIFICATIONS

A-3 | EQUIPMENT ELEVATION

D-3 SPECIFICATIONS

T-4 GENERAL STRUCTURAL NOTES

T-2 GENERAL NOTES

SITE NUMBER: SF40883A SITE NAME: **FERNDALE** SITE TYPE: ROOFTOP

FERNDALE CITY: HUMBOLDT COUNTY: JURISDICTION: CITY OF HUMBOLDT

PROJECT SUMMARY

SITE ADDRESS:

989 MILTON AVENUE FERNDALE, CA 95536

PROPERTY OWNER:

CREAM CITY INVESTMENT INC. 1400 MAIN ST FERNDALE, CA 95536

APPLICANT:

T-MOBILE WEST LLC 1855 GATEWAY BLVD. SUITE 900 CONCORD, CA 94520 REPRESENTATIVE: T-MOBILE PROJECT MANAGER: PROJECT MANAGER:

LYNDA McCLUNG RICHARD RICE KINDRA ROBERTS CONSTRUCTION MANAGER: KINDRA ROBERTS CONSTRUCTION COORDINATOR: MICHELLE RAFFOUL

BUILDING SUMMARY

OCCUPANCY CLASSIFICATION: U (UNMANNED TELECOMMUNICATION FACILITY) ZONE CLASSIFICATION: C-1-D-Q BUILDING USE: INDUSTRIAL CONSTRUCTION TYPE: V

CONSULTING TEAM

SAC/ZONING/PERMITTING: SYNERGY A DIVISION OF

ADVANTAGE ENGINEERS, LLC 3663 N LAUGHLIN ROAD, SUITE 101 SANTA ROSA, CA 95403 CONTACT: LYNDA McCLUNG (714) 328-3385lmcclung@synergy.cc

ARCHITECTURAL/ENGINEERING: SYNERGY A DIVISION OF

ADVANTAGE ENGINEERS, LLC 7543 WOODLEY AVE SUITE 201 VAN NUYS, CA 91406 CONTACT: LESZEK KRASUSKI, P.E. (818) 590-6317 (818) 840-0708

STRUCTURAL ENGINEERING: SYNERGY A DIVISION OF

ADVANTAGE ENGINEERS, LLC 7543 WOODLEY AVE SUITE 201 VAN NUYS, CA 91406 LESZEK KRASUSKI, P.E. (818) 590-6317 (818) 840-0708

LATITUDE / LONGITUDE

40° 35′ 12.4″ N 40.586738° LONG: -124.256858° LONG: 124° 15' 25.4" W

UTILITY PURVEYOR

POWER:

COMPANY: PG&E

COMPANY: AT&T

SIGNATURE

<u>DATE</u>

PROJECT DESCRIPTION

THE PROJECT ENTAILS:

APN: 030-111-004

- T-MOBILE PROPOSED TO MODIFY (E) WIRELESS TELECOMMUNICATIONS SITE BY:
- 1. INSTALL (1) GENERATOR, GENERAC 50 KW DIESEL GENERATOR WITH TANK ON (N) CONCRETE SLAB
- 2. INSTALL (1) AUTOMATIC TRANSFER SWITCH

LEGAL DESCRIPTION

LOT 1 BLOCK 7

APPROVAL

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND ANY CHANGES AND MODIFICATIONS THEY MAY

PRINT NAME

LANDLORD:	 	
ZONING MGR:	 	
DEVELOP. MGR:	 	
CONST. MGR:	 	
PROJECT MGR:	 	
SR. RF ENGINEER:	 	
RF ENGINEER:	 	
OPERATIONS:	 	
SAC REP.:	 	
UTILITIES:	 	
REAL ESTATE MGR:	 	

ACCESSIBILITY REQUIREMENTS

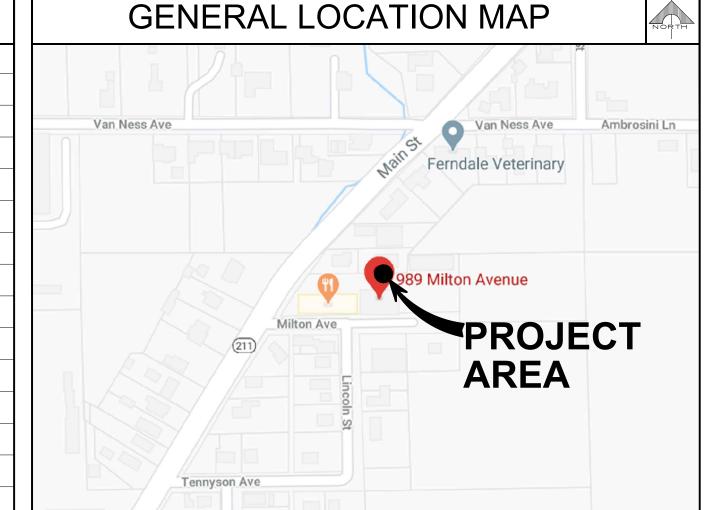
DRAWING INDEX

ABBREVIATIONS, SPECIFICATIONS & SYMBOLS

THE FACILITY IS UNMANNED AND NOT FOR CONTINUOUS HUMAN HABITATION. HANDICAPPED ACCESS IS NOT REQUIRED PER CBC 2019, SECTION 11B-203.4 (LIMITED ACCESS SPACES) SECTION 11B-203.5 (MACHINERY SPACES)

CODE COMPLIANCE

- CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25) 2019 CALIFORNIA BUILDING CODE 2019
- CALIFORNIA ELECTRICAL CODE 2019
- CALIFORNIA MECHANICAL CODES 2019
- CALIFORNIA PLUMBING CODES 2019 6. TIA-222 H, 2016
- LOCAL BUILDING CODE
- 8. CITY / COUNTY ORDINANCES 9. CALIFORNIA FIRE CODE 2019 EDITION
- 10. ASCE 7-16 11. ACI 318-14
- 12. STEEL CONSTRUCTION MANUAL, 14TH ED.



VICINITY MAP



DRIVING DIRECTION

FROM T-MOBILE OFFICE: 1855 GATEWAY BLVD. SUITE 900, CONCORD, CA TURN RIGHT ONTO MARKET ST, TURN LEFT ONTO WILLOW PASS RD, TURN RIGHT TO MERGE WITH I-680 N TOWARD SACRAMENTO, MERGE WITH I-680 N, KEEP LEFT AT THE Y JUNCTION TO CONTINUE ON I-680, KEEP RIGHT AT THE Y JUNCTION TO STAY ON I-680,USE THE LEFT 2 LANES TO TAKE EXIT 58A FOR I-780 TOWARBENICIA/VALLEJO, CONTINUE ONTO I-780 W, TAKE EXIT 1B TOWARD SACRAMENTO, MERGE WITH I-80 E, TAKE EXIT 33 FOR CA-37 TOWARD NAPA,GET ON US-101 N IN PETALUMA, CONTINUE ONTO CA-37 W, TURN RIGHT ONTO LAKEVILLE HWY, TURN RIGHT TO MERGE WITH US-101 N MERGE WITH US-101 N, MERGE WITH US-101 N, FOLLOW US-101 N TO MILTON AVE IN FERNDALE, KEEP LEFT TO STAY ON US-101 N, TAKE EXIT 69, TURN LEFT ONTO CA-211 S, TURN LEFT ONTO MILTON AVE, DESTINATION WILL BE ON THE LEFT



=PROJECT INFORMATION:=

(HARDENING NATIONAL - 50kW DIESEL)

SF40883A **FERNDALE**

989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT

=CURRENT ISSUE DATE:=

11/02/20

≒ISSUED FOR:

CONSTRUCTION

	−KŁV.:−	—DATE:——	——DESCRIPTION:——	-RJ:-
	Â	07/27/20	90% CD, ISSUED FOR REVIEW	RC
	B	09/29/20	REVISED 90% CD	VMW
	C	10/05/20	100% CD	VMW
	D	11/02/20	REVISED 100% CD	VMW

EPLANS PREPARED BY



7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708

片CONSULTANT:



DRAWN BY:	<u> </u>	APV.:
VMW	LK	LK
LICENSURE:		

=SHEET TITLE:=

TITLE SHEET

=SHEET NUMBER:=

=REVISION:=

SF40883A

ROOFING & WATERPROOFING NOTES

- 1. CONTRACTOR SHALL CONTACT THE BUILDING OWNER TO DETERMINE IF ROOF IS UNDER WARRANTY. CONTRACTOR SHALL GUARANTEE THAT ANY AND ALL NEW ROOFING WORK MEETS THE SPECIFICATION OF ANY EXISTING ROOFING WARRANTIES SUCH THAT THE WARRANTY IS NOT MADE INVALID AS A RESULT OF THIS WORK. IF IT IS DETERMINED THAT THE ARCHITECT'S DETAILING IS INADEQUATE OR IMPROPER OR IF ANY OTHER DISCREPANCY IS FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND THE CLIENT PROJECT MANAGER IN WRITING. ULTIMATELY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE ORIGINAL ROOF MANUFACTURER'S SPECIFICATIONS.
- 2. CONTRACTOR SHALL USE METHODS AND MATERIALS SIMILAR AND COMPATIBLE WITH EXISTING MATERIALS & CONDITIONS FOR ROOF PATCHING, NEW PENETRATIONS, ETC.
- 3. THE CONTRACTOR SHALL PROPERLY SEAL ALL NEW ROOF & BUILDING ENVELOPE PENETRATIONS SUCH THAT THE INTEGRITY OF THE ORIGINAL BUILDING ASSEMBLY AND ALL APPLICABLE WARRANTIES ARE MAINTAINED.
- 4. IF IT DEEMED NECESSARY TO REMOVE EXISTING FINISHED AND/OR MATERIALS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONSTRUCTING FINISHES AND MATERIALS TO LINE-NEW CONDITIONS. CONTRACTOR SHALL MAINTAIN THE ORIGINAL COLORS, TEXTURES & FINISHES UNLESS SPECIFICALLY NOTED TO THE CONTRARY OR APPROVED 'T-MOBILE CONSTRUCTION MANAGER IN ADVANCE.
- 5. AT THE CLIENT CONSTRUCTION MANAGER'S DISCRETION, THE CONTRACTOR SHALL PROVIDE ROOFTOP WALKPADS TO ALL NEW EQUIPMENT INCLUDING ANTENNAS AND BTS UNITS AND ALONG COAX CABLE ROUTING, ON CONVENTIONAL ROOFING, THE WALK PADS SHALL BE "DUCK BOARDS" AS MANUFACTURED BY APC OR EQUAL. ON SPECIAL ROOFING SYSTEMS SUCH AS SINGLE MEMBRANE ROOFS WILL REQUIRE A SPECIFIC PRODUCT AS NOTED ON PLANS OR AS REQUIRED BY NOTES 1 & 2 ABOVE.

PENETRATION AT FIRE RATED ASSEMBLIES NOTES

- 1. AT THE CLIENT PROJECT MANAGER'S DIRECTION. THE CONTRACTOR SHALL PROVIDE "HILTI" HIGH PERFORMANCE FIRESTOP SYSTEM #FS601 AT ALL FIRE RATED PENETRATIONS INSTALLED PER MANUFACTURER'S LATEST INSTALLATION SPECIFICATIONS.
- 2. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE CONSTRUCTED SO AS TO MAINTAIN AN EQUAL OR GREATER FIRE RATING.

GENERAL NOTES

- 1. THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT A201 "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" ARE INCLUDED IN THESE SPECIFICATIONS AS IF COMPLETELY REPRODUCED HEREIN.
- 2. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATION.
- 3. THIS FACILITY IS AN UNOCCUPIED T-MOBILE TELECOMMUNICATIONS SITE AND IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.
- 4. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOS PARTICIPATING SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ALL FIELD CONDITIONS AFFECTING THE PROPOSED PROJECT INCLUDING DEMOLITION, ELECTRICAL, MECHANICAL AND STRUCTURAL INSTALLATIONS, AS WELL AS WITH THE CONSTRUCTION AND CONTRACT DOCUMENTS AND SHALL CONFIRM THAT THE PROJECT CAN BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH THE CONSTRUCTION. SHOULD ANY ERRORS, OMISSION, OR DISCREPANCIES BE FOUND, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY SYNERGY AND THE PROJECT ARCHITECT / ENGINEER IN WRITING. IN THE EVENT OF DISCREPANCIES FOUND, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY SYNERGY AND THE PROJECT ARCHITECT / ENGINEER IN WRITING. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL INCLUDE THE MORE COSTLY OR EXTENSIVE WORK IN THE BID. UNLESS SPECIFICALLY DIRECTED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERROR, OMISSION, OR INCONSISTENCY AFTER THE START OF THE CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE PROJECT ARCHITECT / ENGINEER AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY THE PROJECT ARCHITECT / ENGINEER.
- 5. THE CONTRACTOR SHALL INCLUDE IN HIS OR HER BID ALL MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE THE WORK AS INDICATED OR IMPLIED BY THESE DRAWINGS.
- 6. THE CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE IN THE SITE AND SHALL SUPERVISE AND DIRECT ALL WORK, USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- WORKMANSHIP THROUGHOUT SHALL BE OF THE BEST QUALITY OF THE TRADE INVOLVED, AND SHALL MEET OR EXCEED THE FOLLOWING MINIMUM REFERENCE STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE:
 - NCRA NATIONAL ROOFING CONTRACTORS ASSOCIATION O' HARE INTERNATIONAL CENTER 10255 W. HIGGENS ROAD, SUITE 600 ROSEMONT, IL 60018

CHATILLY, VA 22021-1209

ST. PAUL, MN 55114-1406

SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION 4201 LAFAYETTE CENTER DRIVE

INTERNATIONAL INSTITUTE FOR LATH AND PLASTER 820 TRANSFER ROAD

- 8. INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS PRECEDENCE.
- 9. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL GIVE ALL NOTICES AND SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES, REGULATIONS, LAWS AND ORDINANCES AS WELL AS STATE DEPARTMENT OF INDUSTRIAL REGULATIONS AND DIVISION OF INDUSTRIAL SAFETY (OSHA) REQUIREMENTS.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY ALL FAULTY, INFERIOR, AND/OR IMPROPER MATERIALS, DAMAGED GOODS, AND/OR FAULTY WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETE AND ACCEPTED UNDER THIS CONTRACT; UNLESS NOTED OTHERWISE IN THE CONTRACT BETWEEN THE OWNER AND CONTRACTOR. (EXCEPTION) THE ROOFING SUBCONTRACTOR SHALL FURNISH A MAINTENANCE AGREEMENT FOR ALL WORK DONE, COSIGNED BY THE GENERAL CONTRACTOR, TO MAINTAIN THE ROOFING IN A WATER TIGHT CONDITION FOR A PERIOD OF TWO (2) YEARS STARTING AFTER THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT, UNLESS OTHERWISE WRITTEN IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR.

GENERAL NOTES (CONTINUATION)

- 11. THE GENERAL CONTRACTOR MUST PERFORM WORK DURING PROPERTY OWNER'S PREFERRED HOURS TO AVOID DISRUPTION OF NORMAL ACTIVITY.
- 12. ALL EXPOSED METAL SHEET SHALL BE HOT-DIPPED GALVANIZED.
- 13. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA CONSTRUCTION.
- 14. THE GOVERNING AGENCIES, CODE AUTHORITIES, AND BUILDING INSPECTORS SHALL PROVIDE THE MINIMUM STANDARDS FOR CONSTRUCTION TECHNIQUES, MATERIALS, AND FINISHES USED THROUGHOUT THE PROJECT TRADE STANDARDS AND/OR PUBLISHED MANUFACTURERS SPECIFICATIONS MEETING OR EXCEEDING DESIGN REQUIREMENTS SHALL BE USED FOR INSTALLATION.
- 15. PRIOR TO STARTING CONSTRUCTION OF THE CONTRACTOR HAS THE RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR OR SUBCONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGE TO THE UTILITIES CAUSED DURING THE EXECUTION OF THE WORK.
- 16. A COPY OF THE APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES.
- 17. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL CONSTRUCTION SETS REFLECT THE SAME INFORMATION AS THE APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS AT THE SITE FOR THE PURPOSE OF DOCUMENTING ALL AS-BUILT CHANGES, REVISIONS, ADDENDUM'S, OR CHANGE ORDERS. THE CONTRACTOR SHALL FORWARD THE AS-BUILT DRAWINGS TO THE ARCHITECT/ENGINEER AND THE LANDLORD/LESSOR AT THE CONCLUSION OF THE PROJECT.
- 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE FROM THE START TO THE COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE SITE AT ALL TIMES FOR THE LANDLORD/LESSOR PERSONNEL.
- 19. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY POWER, WATER AND TOILET FACILITIES.
- 20. ALL CONSTRUCTION PHASES OF THE PROJECT SHALL CONFORM TO THE CURRENT 2018 CBC, 2018 I.B.C. AND ALL OTHER GOVERNING CODES.
- 21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. THE ENGINEER WILL NOT ADVISE OR PROVIDE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.
- 22. THE CONTRACTOR SHALL SUPERVISE AND COORDINATE ALL WORK, USING HIS PROFESSIONAL KNOWLEDGE AND SKILLS. HE IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, SEQUENCING AND COORDINATING ALL PORTIONS OF THE WORK.
- 23. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND/OR INSPECTIONS TO COMPLETE THE PROJECT. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR HIS REPRESENTATIVE. CONTRACTOR SHALL OBTAIN THE PERMIT AND MAKE FINAL PAYMENT OF THE SAID DOCUMENT.
- 24. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE UNLESS OTHERWISE NOTED.
- 25. THE CONTRACTOR SHALL PROVIDE THE FIRE MARSHALL APPROVED MATERIALS TO FILL/SEAL PENETRATIONS THROUGH THE FIRE RATE ASSEMBLIES.
- 27. (N) CONSTRUCTION ADDED TO EXISTING CONSTRUCTION SHALL BE MATCHED IN FORM, TEXTURE, MATERIAL AND PAINT COLOR EXCEPT AS NOTED IN THE PLANS.
- 28. WHERE SPECIFIED, MATERIALS TESTING SHALL BE TO THE LATEST STANDARDS AVAILABLE AS REQUIRED BY THE LOCAL GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE
- 29. ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.
- 30. ALL DEBRIS AND REFUSE IS TO BE REMOVED FROM THE PROJECT DAILY. PREMISES SHALL BE LEFT IN A CLEAN/SWEPT CONDITION AT ALL TIMES.
- 31. ALL SYMBOLS AND ABBREVIATIONS ARE CONSIDERED CONSTRUCTION INDUSTRY STANDARDS. IF A CONTRACTOR HAS A QUESTING REGARDING THEIR EXACT MEANING THE ARCHITECT/ENGINEER SHALL BE NOTIFIED FOR CLARIFICATIONS.
- 32. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE METHODS, TECHNIQUES AND SEQUENCES OF PROCEDURES TO PERFORM THE WORK. THE SUPERVISION OF THE WORK IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 33. CONTRACTORS SHALL BID WALK THE PROJECT TO ASCERTAIN CONDITIONS WHICH MAY ADVERSELY AFFECT THE WORK OR COST THEREOF.
- 34. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE (N) WORK TO THE EXISTING WORK. THE CONTRACTOR SHALL MAKE ALL MEASUREMENTS NECESSARY FOR THE FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. ANY DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY THE SUBCONTRACTOR(S).
- 35. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT IN CONJUNCTION WITH THE EXECUTION OF THIS WORK. GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER AND ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES FOUND WITHIN THE CONTRACT DOCUMENTS. PRIOR TO STARTING WORK.
- 36. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES.
- 37. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF WORK, SHALL BE REMOVED AND SHALL BE CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF WORK, SUBJECT TO THE APPROVAL OF THE ENGINEER.
- 38. NO CHANGES ARE TO BE MADE TO THESE PLANS WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE ARCHITECT/ENGINEER. UNAUTHORIZED CHANGES RENDER THESE DRAWINGS VOID.
- 39. ANY REFERENCES TO THE WORDS APPROVED, OR APPROVAL IN THESE DOCUMENTS SHALL BE HERE DEFINED TO MEAN GENERAL ACCEPTANCE OR REVIEW AND SHALL NOT RELIEVE THE CONTRACTOR AND/OR HIS SUBCONTRACTORS OF ANY LIABILITY IN FURNISHING THE REQUIRED MATERIALS OR LABOR SPECIFIED.

GENERAL NOTES (CONTINUATION)

- 40. A PRE-CONSTRUCTION CONFERENCE OF REPRESENTATIVES FROM AFFECTED AGENCIES SHALL BE HELD ON THE JOB AT LEAST ONE (1) WEEK PRIOR TO BEGINNING CONSTRUCTION.
- 41. DRAWINGS ARE NOT TO BE SCALED UNDER ANY CIRCUMSTANCES, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE, AND THIS SET OF PLANS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY. UNLESS NOTED OTHERWISE, CONTRACTOR SHALL PROVIDE FIELD MEASUREMENTS AS NECESSARY TO COMPLETE ALL WORKS AND THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANYTHING ELSE DEEMED NECESSARY TO COMPLETE INSTALLATIONS AS DESCRIBED HEREIN. SYNERGY IS NOT RESPONSIBLE FOR ANY ERRORS RESULTING FROM THIS PRACTICE WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS.
- 42. DETAILS INCLUDED HEREIN ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS OR SITUATIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE SCOPE OF WORK.

SITE PREPARATION NOTES

- 1. THE PREPARATION OF THE SITE FOR CONSTRUCTION SHALL INCLUDE THE REMOVAL OF ALL BROKEN CONCRETE, TREE TRUNKS AND ANY OTHER DEBRIS THAT MIGHT DAMAGE THE FOOTINGS OF THE (N) STRUCTURE.
- 2. BACKFILL ALL TRENCHES WITH CLEAN, STERILE SOIL HAVING A SAND EQUIVALENT OF 30% OR GREATER, BACKFILL IN 8 INCH LAYERS, MOISTURE CONDITIONED AND PROPERLY COMPACTED. ADEQUATE DRAINAGE SHALL BE PROVIDED SUCH THAT NO PONDING OCCURS.
- 3. ALL FOUNDATION FOOTINGS SHALL EXTEND INTO AND BEAR AGAINST NATURAL UNDISTURBED SOIL OR APPROVED COMPACTED FILL. FOOTINGS SHALL EXTEND INTO SOIL DEPTH AS INDICATED IN PLANS.
- 4. SHOULD ANY LOOSE FILL, EXPANSIVE SOIL, GROUND WATER OR ANY OTHER UNEXPECTED CONDITIONS BE ENCOUNTERED DURING THE EXCAVATION FOR THE (N) FOUNDATION, THE ARCHITECT/ENGINEER SHALL BE NOTIFIED AND ALL FOUNDATION WORK SHALL CEASE
- 5. WITHIN AN AREA A MINIMUM OF 5 FEET BEYOND THE BUILDING LIMITS, EXCAVATE A MINIMUM OF 4" OF EXISTING SOIL. REMOVE ALL ORGANICS, PAVEMENT, ROOTS, DEBRIS AND OTHERWISE UNSUITABLE MATERIAL.
- THE SURFACE OF THE EXPOSED SUBGRADE SHALL BE INSPECTED BY PROBING OR TESTING TO CHECK FOR POCKETS OF SOFT OR UNSUITABLE MATERIAL. EXCAVATE UNSUITABLE SOIL AS DIRECTED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY.
- 7. PROOF ROLL THE SURFACE OF THE EXPOSED SUBGRADE WITH A LOADED TANDEM AXLE DUMP TRUCK. REMOVE ALL SOILS WHICH PUMP OR DO NOT COMPACT PROPERLY AS DIRECTED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY.
- 8. FILL ALL EXCAVATED AREAS WITH APPROVED CONTROLLED FILL. PLACE IN 8" LOOSE LIFTS AND THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-698. COMPACT TO A MINIMUM OF 90% RELATIVE COMPACTION
- 9. ANY STRUCTURAL DRAWINGS HERE IN REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 10. THE ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR COMPLICATIONS, DAMAGES, INJURY, OR DEATH ARISING OUT OF ANY KIND OF NEGLIGENCE PRIOR TO COMPLETION OF THE FINISHED STRUCTURE.
- 11. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO (N) OR EXISTING SURFACES, STRUCTURES OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE PROPERTY OWNER. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGED AREAS.
- 12. WHEN REQUIRED STORAGE OF MATERIALS OCCURS. THEY SHALL BE EVENLY DISTRIBUTED OVER THE FLOOR OR ROOF SO AS NOT TO EXCEED THE DESIGNED LIVE LOADS FOR THE STRUCTURE. TEMPORARY SHORING OR BRACING SHALL BE PROVIDED WHERE THE STRUCTURE OR SOIL HAS NOT ATTAINED THE DESIGN STRENGTH FOR THE CONDITIONS
- 13. PRIOR TO PROCEEDING WITH ANY WORK WITHIN AN EXISTING FACILITY, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH EXISTING STRUCTURAL AND OTHER CONDITIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING, SHORING AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE EXISTING WORK IN A SAFE CONDITION DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING WORK WHICH ARE TO

SHOP DRAWING REVIEW

1. REVIEW BY THE ARCHITECT/ENGINEER IS FOR GENERAL COMPLIANCE WITH THE DESIGN CONCEPT AND THE CONTRACT DOCUMENTS. MARKINGS OR COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, NOR DEPARTURES THERE FROM. THE CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS AND ACCURACY, FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS, FOR SELECTION FABRICATION PROCESSES.

LANDLORD/LESSOR NOTES

- 1. A PRECONSTRUCTION CONFERENCE OF REPRESENTATIVES FROM APPLICABLE AGENCIES SHALL BE HELD ON SITE AT LEAST ONCE PRIOR TO BEGINNING CONSTRUCTION AT WHICH TIME A CONSTRUCTION SCHEDULE AND 24-HOUR CONTACT INFORMATION SHALL BE PROVIDED TO LANDLORD/LESSOR.
- 2. CONTRACTOR SHALL MAINTAIN ACCESS TO THE SITE AT ALL TIMES FOR LANDLORD/LESSOR PERSONNEL. OPEN TRENCHES SHALL BE PROPERLY PLATED AT THE END OF EACH WORKING DAY TO ALLOW FOR 24-HOUR LANDLORD/LESSOR ACCESS TO THE SITE.
- THE CONTRACTOR AND CELL CARRIER SHALL BE RESPONSIBLE FOR ANY DAMAGE DUE TO CONSTRUCTION ACTIVITIES TO THE EXISTING SITE AND SHALL RETURN DAMAGED FACILITIES TO EXISTING CONDITION OR BETTER AT NO COST TO THE LANDLORD/LESSOR.
- 4. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (DIG ALERT) AT LEAST TWO (2) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION AT 1-800-422-4133.
- 5. ALL (N) AND EXISTING FACILITIES OWNED BY THE REPRESENTED CELLULAR CARRIER SHALL BE PROPERLY TAGGED IDENTIFYING THE OWNER'S NAME AND 24-HOUR PHONE NUMBER.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE SITE IS SECURE DURING BOTH WORKING AND NON-WORKING HOURS.

ACCESSIBILITY EXCEPTION NOTES

- 1. SECTION 11B-203.4: LIMITED ACCESS SPACES SPACES NOT CUSTOMARILY OCCUPIED AND ACCESSED ONLY BY LADDERS, CATWALKS, CRAWL SPACES OR VERY NARROW PASSAGEWAYS SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS OR TO BE ON AN ACCESSIBLE ROUTE.
- 2. SECTION 11B-203.5: MACHINERY SPACES SPACES FREQUENTED ONLY BY SERVICE PERSONNEL FOR MAINTENANCE, REPAIR OR OCCASIONAL MONITORING OF EQUIPMENT SHALL NOT BE REQUIRED TO COMPLY WITH THIS REQUIREMENT OR TO BE ON AN ACCESSIBLE ROUTE. MACHINERY SPACES INCLUDE, BUT ARE NOT LIMITED TO, ELEVATOR PITS OR ELEVATOR PENTHOUSES: MECHANICAL. ELECTRICAL OR COMMUNICATIONS EQUIPMENT ROOMS: PIPING OR EQUIPMENT CATWALKS: WATER OR SEWAGE TREATMENT PUMP ROOMS AND STATIONS; ELECTRIC SUBSTATIONS AND TRANSFORMER VAULTS; AND HIGHWAY AND TUNNEL FACILITIES.

Stick Together

1855 GATEWAY BLVD., SUITE 900 CONCORD, CA 94520

=PROJECT INFORMATION:=(HARDENING NATIONAL - 50kW DIESEL)

SF40883A **FERNDALE**

989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT

=CURRENT ISSUE DATE:=

=ISSUED FOR:=

CONSTRUCTION

REV.:—DATE:——DESCRIPTION:—BY:-						
Â	07/27/20	90% CD, ISSUED FOR REVIEW	RC			
B	09/29/20	REVISED 90% CD	VMW			
C	10/05/20	100% CD	VMW			
D	11/02/20	REVISED 100% CD	VMW			

=PLANS PREPARED BY:=



7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708



Office: (818) 840-0808 Fax: (818) 840-0708 =DRAWN BY:====CHK.:===APV.:==

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=LICENSURE:=

=SHEET TITLE:=

GENERAL NOTES

=SHEET NUMBER:=

=REVISION:==

SF40883A

CONTRACTOR TO FIELD VERIFY ALL (E) CONSTRUCTION CONDITIONS BEFORE SUBMITTAL OF FINAL BIDS, START OF CONSTRUCTION AND OR FABRICATION.

January 7, 2021 DESIGN REVIEW SPECIAL AGENDA

LIGHTNING ARRESTOR

LOW NOISE AMPLIFIER

LONG TERM EVOLUTION

MANUFACTURER

LAMINATED

POUNDS

MATERIAL

MAXIMUM

ABBREVIATIONS

LAM

LBS

LNA LT

LTE

MFR

MAT

MAX

ANCHOR BOLT

ADJUSTABLE

A.C.

A.F.F.

APPROX.

A.G.L.

BD BLDG

BTS

CEM

CPRI

DIA

DBL

DEPT

DIM

DN

DR

DTL

DUG DUL

DUW

DWG

ELEV

EXT

FΑ

FLR

FOS

F.G.

GYP

GFCI

GPS

HDW

HTR

ASPHALTIC CONCRETE

ABOVE FINISH FLOOR

ABOVE GRADE LEVEL

ABOVE MEAN SEA LEVEL

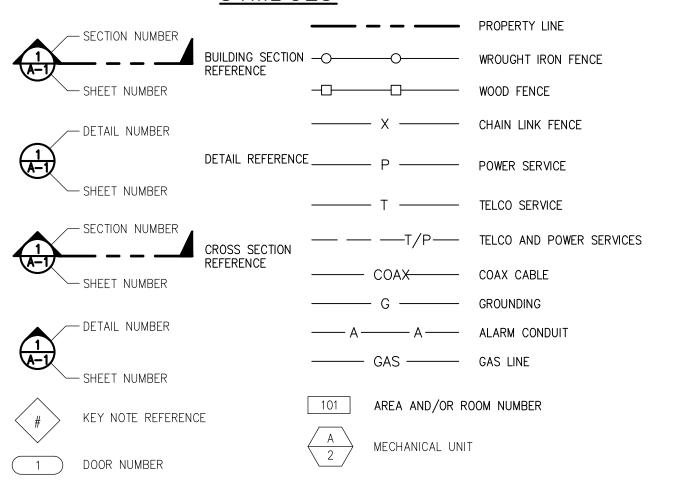
AIR CONDITIONING

ARCHITECTURAL

APPROXIMATELY

MECH MECHANICAL BUILDING MIN MINIMUM BLOCKING MISCELLANEOUS BOTTOM METAL LATH MO MS BASEMENT MASONRY OPENING BASE TRANSCEIVER MACHINE SCREW MTD STATION MOUNTED MTL METAL COURSE(S) CEMENT CL CLG CLR CO COL CONC NOT IN CONTRACT CHAIN LINK NO CEILING NUMBER CLEAR NTS NOT TO SCALE CONDUIT ONLY ОА OVERALL COLUMN 0.C. CONCRETE ON CENTER CONST CONSTRUCTION OPENING CONT OPPOSITE CONTINUOUS CORR CORRIDOR PARTN PARTITION COMMON PUBLIC RADIO INTERFACE CABLE PLATE DIAMETER PLASTER DOUBLE PLYWD PLYWOOD DEPARTMENT POINT OF CONNECTION DEMO DEMOLITION PROP PROPERTY DIMENSION PSUs POWER SUPPLY UNIT SYSTEM DOWN PRESSURE TREATED DOOR DETAIL RISER REQD REQUIRED DIGITAL UNIT GSM RD DIGITAL UNIT LTE ROOF DRAIN RMDIGITAL UNIT WCDMA ROOM RMS ROOMS DRAWING RO ROUGH OPENING EXISTING SAR M EACH TELCO INTERFACE UNIT ELECTRIC SOLID CORE **ELEVATION** SCHED SCHEDULE EQUIP EXP **EQUIPMENT** SECT SMALL PLUGGABLE TRANSCEIVER **EXPANSION** SFP SHT EXTERIOR SIM SIMILAR SPECS SPECIFICATIONS FLAT BAR SS STAINLESS STEEL FINISH FLOOR STL STORAGE FLAT HEAD STRUCT STRUCTURAL FINISH(ED) FLOOR SUSP SUSPENDED FACE OF STUDS SW SWITCH FINISH SURFACE SWBO SWITCHBOARD FOOT, FEET TENANT IMPROVEMENT FINISH WALL TOWER MOUNTED AMPLIFIER FINISH GRADE TOP OF SURFACE TUBE STEEL GAUGE GALV GALVANIZED UNLESS NOTED GLASS OTHERWISE GRADE GYPSUM VCT GROUND FAULT CIRCUIT COMPOSITION INTERRUPT GROUND VERTICAL GLOBAL POSITIONING SYSTEM VERIFY IN FIELD V.I.F. GLOBAL SYSTEM FOR MOBILE VG VERTICAL GRAIN COMMUNICATION WIREBAND CODE DIVISION MULTIPLE ACCESS HOLLOW CORE **WCDMA** HARDWARE HEATER WATER RESISTANT HOLLOW METAL WEIGHT HORIZONTAL TRANSFORMER HEIGHT HIGH VOLTAGE CHANNEL INSIDE DIMENSION CENTERLINE INSULATION INTERIOR ANGLE PROPERTY LINE JOINT

SYMBOLS



PAINTING SPECIFICATIONS

- A. GENERAL
- 1. ALL PAINT PRODUCT LINES SHALL BE SHERWIN WILLIAMS UNLESS SPECIFICALLY NOTED OTHERWISE.
- 2. CONTRACTOR SHALL PREPARE ALL SURFACES AND APPLY ALL FINISHES PER LATEST EDITION OF MANUFACTURER'S SPECIFICATIONS.
- 3. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS REGARDING SUFFICIENT DRYING TIME BETWEEN COATS WITH PROVISIONS AS RECOMMENDED BY MANUFACTURER FOR EXISTING WEATHER CONDITIONS.
- 4. FINISH COLOR AND TEXTURE OF ALL PAINTED SURFACES SHALL MATCH EXISTING ADJACENT SURFACES UNLESS OTHERWISE NOTED.
- 5. ALL PAINT MATERIAL DATA SHEETS SHALL BE PROVIDED TO THE CINGULAR WIRELESS CONSTRUCTION MANAGER.
- 6. PREPARE PREVIOUSLY PAINTED SURFACE BY LIGHT SANDING WITH 400 GRIT SANDPAPER AND NON-HYDROCARBON WASH. PREPARE GALVANIZED SURFACES BY ACID ETCH OR SOLVENT CLEANING IN ACCORDANCE WITH SSPC-SP1.
- 7. FURNISH DROP CLOTHES, SHIELDS, MASKING AND PROTECTIVE METHODS TO PREVENT SPRAY OR DROPPINGS FROM DAMAGING ADJACENT SURFACES AND FACILITIES.
- 8. APPLY PAINT BY AIRLESS SPRAY, SANDING LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL COAT ON FLAT SURFACES. APPLY MATERIAL TO ACHIEVE A COATING NO THINNER THAN THE DRY FILM THICKNESS INDICATED.
- 9. APPLY BLOCK FILTER TO CONCRETE BLOCK CONSTRUCTION AT A RATE TO ENSURE COMPLETE COVERAGE WITH PORES COMPLETELY FILLED.
- 10. CONTRACTOR SHALL CORRECT RUNS, SAGS, MISSES AND OTHER DEFECTS INCLUDING INADEQUATE COVERAGE AS DIRECTED BY THE CINGULAR WIRELESS CONSTRUCTION MANAGER. REPAINT AS NECESSARY TO ACHIEVE SURFACES WHICH ARE SMOOTH, EVENLY COATED WITH UNIFORM SHEEN AND FREE FROM BLEMISHES.
- B. PAINTING SCOPE
- 1. PAINT THE FOLLOWING MATERIALS AND SYSTEMS CHECKED BELOW WITH THE COATING SYSTEM INDICATED.

PAINTING	SCOF	PΕ					
SURFACE TO BE PAINTED	COATING	SYSTEM	PAINT	DO	NOT	PAINT	N/A
BTS UNIT							
ALL EQUIPMENT & CABINETS OTHER THAN THE BTS UNIT							
ANTENNA COVERS, TILT BRACKETS, MOUNTING BRACKETS AND ASSOCIATED HARDWARE, CABLE AND CABLE COVERS EXPOSED TO VIEW, EXPOSED CONDUIT AND HANGERS, ETC.							
FLASHING UNITS, METAL TRIM AND OTHER METAL SURFACES							
STUCCO, CONCRETE, CONCRETE BLOCK AND CEMENTIOUS TYPE FINISH SYSTEMS.							
PLYWOOD, LUMBER AND WOOD TRIM INCLUDING THE BACK SIDE OF ALL SCREENWALLS							
DRYWALL							
CONCRETE POLES							
METAL POLES AND METAL POLE STAND-OFF							

C. COATING SYSTEM SPECIFICATIONS

- 1. DTM ACRYLIC COATING (SERIES B66) BY SHERWIN WILLIAMS CO. 1MIL DFT PER COAT APPLIED IN TWO COATS OVER DTM BONDING PRIMER (B66A50).
- 2. 100% ACRYLIC, LATEX COATING EQUIVALENT TO A-100 (SERIES A-82) BY SHERWIN WILLIAMS CO. 1 MIL DFT PER COAT APPLIED IN TWO COATS OVER SPECIFIED PRIMER PAINT & PRIMER

PRIMER - KEM AQUA E61-W525

PRE-PRIMED STEEL

TOPCOAT - COROTHANE II B65W200/B60V22

PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22

COAXIAL JUMPER CABLES PRIMER - AS REQUIRED FOR ADHESION. APPLY ONE COAT OF KEM AQUA WATER REDUCIBLE PRIMER E61W25 REDUCED 25% TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

PRIMER - KEM BOND HS B50WZ4, DMT ACRYLIC PRIMER TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

ACID ETCH WITH COMMERCIAL ETCH OR VINEGAR PRIMER COAT AND FINISH COAT (GALVITE HIGH SOLIDS OR DTM PRIMER/FINISH)

STAINLESS STEEL PRIMER - OTM WASH PRIMER, B71Y1 TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

TOUCH UP ANY RUST OR UN-PRIMED STEEL WITH KEM BOND HS, SSOWZ4 ALUMINUM & COPPER

PRIMER - DTM WASH PRIMER, B71Y1 TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2 ONCRETE MASONRY

PRIMER - PRO MAR EXTERIOR BLOCK FILLER TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH

ONCRETE STUCCO(EXISTING) 2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH

PRIMER - PRO MAR MASONRY CONDITONER B-46-W21000 TOPCOAT - SUPERPAINT A-80 SERIES A-89 SATIN A-84 GLOSS

PRIMER - A-100 EXTERIOR ALKYD WOO9D PRIMER Y-24W20 TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM SHEEN TO MATCH ADJACENT SURFACES

FIELD CUTS/DAMAGE(PRIOR TO PRIME & PAINT) FIRST & SECOND COAT - CUPRINOL CLEAR WOOD PRESERVATIVE #158-0356 ALL PENETRATIONS INTO FINISHED CLU-LAMS SHALL BE CAULKED WITH "SIKAFLEX" SEALANT

STEEL TOUCH UP STEEL THAT HAS BEEN WELDED, CUT OR SCRATCHED IN THE FIELD SHALL BE TOUCHED UP WITH COLD GALVANIZED PAINT



CONCORD, CA 94520

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=CURRENT ISSUE DATE:=

11/02/20

≔ISSUED FOR:=

CONSTRUCTION

=REV.:=	—DATE:—	——DESCRIPTION:——	BY:=
Â	07/27/20	90% CD, ISSUED FOR REVIEW	RC
B	09/29/20	REVISED 90% CD	VMW
C	10/05/20	100% CD	VMW
D	11/02/20	REVISED 100% CD	VMW

=PLANS PREPARED BY:=



7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708

CONSULTANT:=



7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708

	=DRAWN BY:=====	—СНК.:—	APV.:
	VMW	LK	LK
	=LICENSURE:=		

=SHEET TITLE:=

ABBREVIATIONS, **SPECIFICATIONS & SYMBOLS**

=SHEET NUMBER:=====

=REVISION:=

SF40883A

2 | SPECIFICATIONS ABBREVIATIONS AND SYMBOLS

DESIGN REVIEW SPECIAL AGENDA January 7, 2021

GENERAL NOTES

- 1. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE DRAWINGS 6. MATERIAL CONFORMANCE: AND CBC-2019 SPECIFICATIONS.
- 2. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND CONDITIONS OF ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY SUBCONTRACTORS. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE STRUCTURAL ENGINEER IMMEDIATELY AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
- 3. STRUCTURAL DRAWINGS SHALL WORK IN CONJUNCTION WITH ARCHITECTURAL. MECHANICAL AND ELECTRICAL DRAWINGS.
- 4. DESIGN, MATERIALS, EQUIPMENT, AND PRODUCTS OTHER THAN THOSE 1. ALL POST-INSTALLED ANCHORS SHALL BE PER SIMPSON OR HILTI DESCRIBED OR INDICATED ON THE DRAWINGS MAY BE CONSIDERED FOR USE PROVIDED PRIOR APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.
- 5. ALL CONDITIONS SHOWN OR NOTED AS EXISTING ARE BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE DRAWINGS. NO WARRANTY IS IMPLIED TO THEIR ACCURACY. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS. SHOULD CONDITIONS BECOME APPARENT THAT DIFFER FROM THE CONDITIONS SHOWN, THEY SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PROFESSIONAL ENGINEER. PROFESSIONAL ENGINEER WILL THEN PREPARE ADDITIONAL DRAWINGS AS MAY BE NEEDED TO ACCOMMODATE THE CONDITIONS AS BROUGHT TO THEIR ATTENTION.
- 6. MECHANICAL EQUIPMENT MUST BE FIRMLY ATTACHED TO THE STRUCTURE. ISOLATORS, FASTENERS, AND OTHER ELEMENTS PROVIDING STABILITY FOR MECHANICAL EQUIPMENT SHALL BE CAPABLE OF TRANSMITTING CODE REQUIRED LOADS, BUT IN NO EVENT LESS THAN A SHEAR LOAD EQUIVALENT TO 0.45 TIMES THE OPERATING WEIGHT OF THE EQUIPMENT.
- 7. WATERPROOFING: SEE ARCHITECTURAL DRAWINGS.
- 8. THE FOUNDATION DESIGN IS BASED ON CBC-2019 TABLE 1806.2. ALLOWABLE SOIL BEARING VALUE IS 1500.
- 9. THE NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS.
- 10. TYPICAL DETAILS MAY NOT NECESSARILY BE CUT ON PLANS, BUT APPLY UNLESS NOTED OTHERWISE.

CONCRETE

- 1. ALL POURED-IN-PLACE CONCRETE SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. UNLESS OTHERWISE NOTED. CEMENT TO BE TYPE-8 FROM TESTED STOCK PER ASTM C-150.
- 2. CONCRETE FORM TOLERANCES SHALL BE WITHIN THE STANDARDS SET BY THE AMERICAN CONCRETE INSTITUTE.
- 3. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS OR OTHER INSERTS SHALL BE SECURED IN POSITION AND INSPECTED BY THE LOCAL BUILDING DEPARTMENT INSPECTOR PRIOR TO THE POURING OF ANY CONCRETE.
- 4. NO PIPES OR DUCTS SHALL BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR LOCATIONS.
- 5. FORM EXPOSED CORNERS OF COLUMNS, BEAMS, WALLS, ETC. WITH 3/4" CHAMFERS UNLESS DETAILED OTHERWISE.
- 6. PROVIDE LIGHT BROOM FINISH ON ALL EXPOSED CONCRETE UNLESS NOTED OTHERWISE.

STRUCTURAL STEEL

- 1. THE LABOR, MATERIALS AND EXECUTION REQUIRED FOR ALL CONCRETE WORK AS INDICATED ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH THOSE APPLICABLE PORTIONS OF CHAPTER 22 OF THE LATEST ADOPTED EDITION OF THE CALIFORNIA BUILDING CODE.
- 2. STRUCTURAL STEEL NOT ENCASED IN CONCRETE SHALL BE SHOP PAINTED WITH TNEMEC99 METAL PRIMER OR APPROVED EQUIVALENT.
- 3. UNLESS NOTED OTHERWISE, ALL BOLTS SHALL BE ASTM A307. THIS 3 INCLUDES EXPANSION/ADHESIVE ANCHORS. BOLTED CONNECTIONS SHALL CONFORM TO AISC SPECIFICATIONS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- 4. UNLESS NOTED OTHERWISE ALL WELDS PER THE LATEST EDITIONS OF THE AWS STANDARDS SHALL CONFORM TO AISC SPECIFICATIONS. WELDING SHALL BE PERFORMED BY WELDERS HOLDING VALID CERTIFICATES AND HAVING CURRENT EXPERIENCE IN THE TYPE OF WELD SHOWN ON THE DRAWINGS OR NOTES. THESE DRAWINGS DO NOT DISTINGUISH BETWEEN SHOP AND FIELD WELDS.
- 5. CONTRACTOR IS PERMITTED TO CUT AND WELD ANTENNA SUPPORT ASSEMBLY ARMS AS NECESSARY TO MEET THE LENGTH REQUIREMENTS IN THE FIELD. WELDS SHALL CONSIST OF A 3/16" FILLET ALL THE WAY AROUND FOR 1/4" THICK STEEL OR LESS AND 3/8" FILLET WELD FOR STEEL 1/2" THICK OR LESS. CONTRACTOR SHALL RESTORE CORROSION BARRIER WITH AN APPROVED PAINT IN ACCORDANCE WITH BS 729-1971 AND PREN 1029."

- A. WIDE FLANGE STEEL SECTIONS PER ASTM A572 OR A992 WITH FY = 50
- B. PIPES SECTIONS PER ASTM A501 WITH FY = 36 KSI
- C. TUBE STEEL SECTIONS PER ASTM A500 WITH FY = 46 KSI
- D. COLD FORMED STEEL PER ASTM A653 WITH FY = 50 KSI
- E. WELDING ELECTRODES PER AWS CODE, E70XX UNLESS NOTED OTHERWISE ON PLANS
- F. ALL OTHER MISCELLANEOUS STEEL SHALL BE ASTM A36 WITH FY = 36 KSI UNLESS NOTED OTHERWISE ON THE PLANS

ADHESIVE / MECHANICAL ANCHORS

- MANUFACTURING AS INDICATED ON THE PLANS.
- 2. MECHANICAL ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING APPROVAL CODES:

FOR HILTI KWIK BOLT TZ ANCHORS, INSTALLATION SHALL COMPLY WITH ICC-ES ESR-1385 AND LARR 25901 FOR ANCHORAGE TO MASONRY. FOR HILTI KWIK BOLT ANCHORS, INSTALLATION SHALL COMPLY WITH ICC-ES ESR-1917 AND LARR 25701 FOR ANCHORAGE TO CONCRETE.

ADHESIVE ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING APPROVAL CODES:

FOR SIMPSON SET-XP EPOXY ANCHORS. INSTALLATION SHALL BE IN ACCORDANCE WITH ICC-ES ESR-2508 AND LARR 25744 FOR ANCHORAGE TO CONCRETE, IAPMO UES ER-265 AND LARR 25965 FOR ANCHORAGE TO

FOR HILTI HIT-HY 200 EPOXY ANCHORS, INSTALLATION SHALL BE IN ACCORDANCE WITH ICC ESR-3187 AND LARR 25964 FOR ANCHORAGE TO CONCRETE.

3. ALLOW A MINIMUM OF 72 HOURS AFTER NEW CONCRETE IS PLACED PRIOR TO LOCATING MECHANICAL OR ADHESIVE ANCHORS. ALL MECHANICAL/ADHESIVE ANCHORS REQUIRE SPECIAL STRUCTURAL INSPECTION PER THE BUILDING CODE.

<u>SPECIAL STRUCTURAL INSPECTION - STRUCTURAL ONLY</u>

1. SPECIAL STRUCTURAL INSPECTION IS TO BE PROVIDED FOR THE ITEMS LISTED BELOW IN ADDITION TO THE INSPECTIONS CONDUCTED BY THE BUILDING JURISDICTION. SPECIAL STRUCTURAL INSPECTION IS REQUIRED FOR THE FOLLOWING:

VERIFICATION AND	INSPECTION TYPE	REFERENCE STANDARD
INSPECTION	CONTINUOUS PERIODIC	

STEEL CONSTRUCTION

AT FLOOR AND ROOF X AWS D1.3 DECK WELDS FOR REINFORCING STEEL AWS D1.4, ACI 318 FOR STRUCTURAL STEEL

CONCRETE CONSTRUCTION

RFINFORCING STFFI ACI 318: 3.5, 7.1-7.7 POST-INSTALLED ANCHORS ACI 318: 3.8.6, 8.1.3,

21.2.8 USE OF REQUIRED DESIGN MIX ACI 318: CHAPER 4,

5.2 - 5.4

TMS 402 AND 602/ MASONRY CONSTRUCTION ACI 530/ASCE 5, 6

REINFORCING STEEL GROUT PLACEMENT

CLEANOUTS PRIOR TO CLOSURE POST-INSTALLED ANCHORS LARR 25891, LARR 25701 LARR 25965, LARR 25964

- THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED TO BE CERTAIN THAT IT CONFORMS TO THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE SPECIAL INSPECTOR IS NOT AUTHORIZED TO APPROVE DEVIATIONS FROM THE DESIGN DRAWINGS OR SPECIFICATIONS AND ALL DEVIATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO PROCEEDING WITH THE WORK. ALL REQUESTS FOR DEVIATIONS SHALL BE INITIATED BY THE CONTRACTOR VIA A WRITTEN REQUEST FOR INFORMATION.
- THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE ENGINEER OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED TO THE DESIGN AUTHORITY AND THE BUILDING OFFICIAL.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE SPECIAL INSPECTOR ACCESS TO ALL ITEMS REQUIRING SPECIAL INSPECTION. INSPECTOR IS NOT AUTHORIZED TO OPERATE CONTRACTOR'S EQUIPMENT.
- 5. FOR ADDITIONAL INFORMATION ON SPECIAL STRUCTURAL INSPECTIONS, CONTACT THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION.



1855 GATEWAY BLVD., SUITE 900 CONCORD, CA 94520

=PROJECT INFORMATION:==

(HARDENING NATIONAL - 50kW DIESEL)

SF40883A **FERNDALE**

989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT

11/02/20

☐ISSUED FOR:
☐

CONSTRUCTION

=REV.:=	DATE:	DESCRIPTION:	BY:=
A	07/27/20	90% CD, ISSUED FOR REVIEW	RC
B	09/29/20	REVISED 90% CD	VMW
C	10/05/20	100% CD	VMW
D	11/02/20	REVISED 100% CD	VMW

HPLANS PREPARED BY:



7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708



├DRAWN BY:-----CHK.:---APV.:-

VMW	LK	LK
LICENSURE:		

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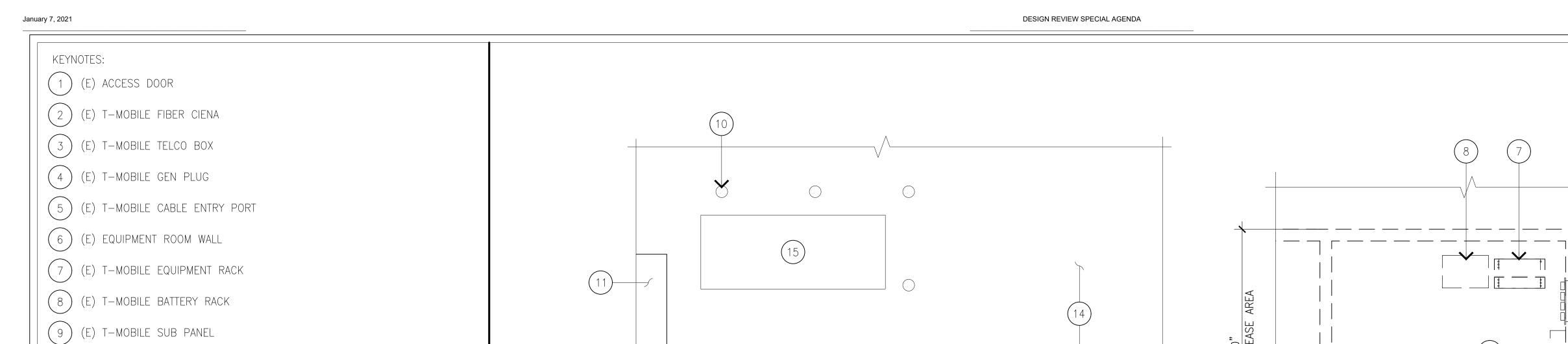
GENERAL STRUCTURAL NOTES

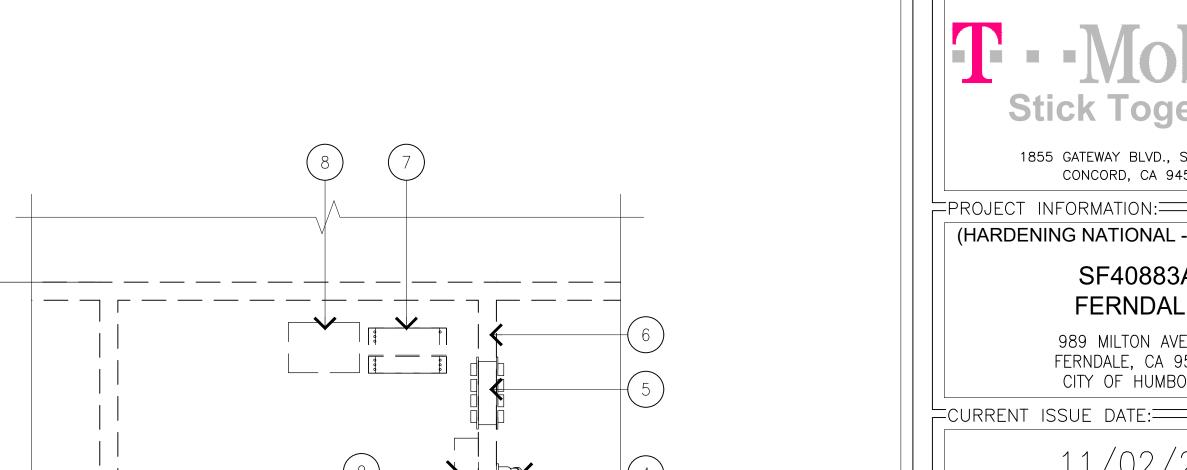
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=REVISION:=

SF40883A

DESIGN REVIEW SPECIAL AGENDA January 7, 2021 NOTE:
THESE DRAWINGS HAVE BEEN CREATED BY INFORMATION GATHERED FROM (E) AS-BUILTS PROVIDED BY T-MOBILE AND WITHOUT A SURVEY. PLEASE VERIFY IN FIELD ALL DIMENSIONS, LENGTHS, PROPERTY LINES AND CONDUIT RUNS. **Stick Together®** 1855 GATEWAY BLVD., SUITE 900 CONCORD, CA 94520 (E) BUILDING PROJECT INFORMATION: (HARDENING NATIONAL - 50kW DIESEL) SF40883A (E) BUILDING **FERNDALE** 989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT CURRENT ISSUE DATE: 11/02/20 (E) PROPERTY LINE (E) 6' CHAIN LINK — FENCE HISSUED FOR: (E) BUILDING CONSTRUCTION (E) BUILDING (E) BUILDING \leftarrow (E) BUILDING \longrightarrow REV.: DATE: DESCRIPTION: BY: 90% CD, ISSUED FOR REVIEW 07/27/20 (E) PROPERTY LINE (N) T-MOBILE INSTALLATION OF GENERAC 50 KW GENERATOR AT GRADE LEVEL, SEE EQUIPMENT LAYOUT PLAN REVISED 90% CD 09/29/20 10/05/20 100% CD (E) PARKING — AREA 1,2 A-2 REVISED 100% CD VMV LPLANS PREPARED BY: **Г**_ (E) ROOF ____ Synergy (E) BUILDING (E) T-MOBILE TELECOMMUNICATION FACILITY AT a division of **advantage engineers** (E) BUILDING SECOND FLOOR LEVEL, SEE EQUIPMENT LAYOUT PLANS (E) PROPERTY LINE 7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708 1,2 A-2 CONSULTANT:= MILTON AVE. 7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708 (E) WOOD FENCE — VMW LICENSURE:= (E) BUILDING (E) BUILDING \sim (E) BUILDING -(E) BUILDING (E) BUILDING SHEET TITLE: OVERALL SITE PLAN =SHEET NUMBER:= ==REVISION:== OVERALL SITE PLAN SF40883A





Stick Together® 1855 GATEWAY BLVD., SUITE 900

CONCORD, CA 94520

(HARDENING NATIONAL - 50kW DIESEL)

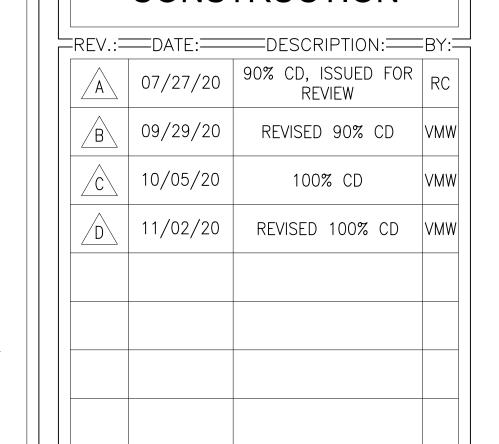
SF40883A **FERNDALE**

989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT

11/02/20

HISSUED FOR:

CONSTRUCTION



PLANS PREPARED BY:



7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708



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VMW	LK	LK	
LICENSURE:			_

├DRAWN BY:----CHK.:-APV.:-

EQUIPMENT LAYOUT PLAN

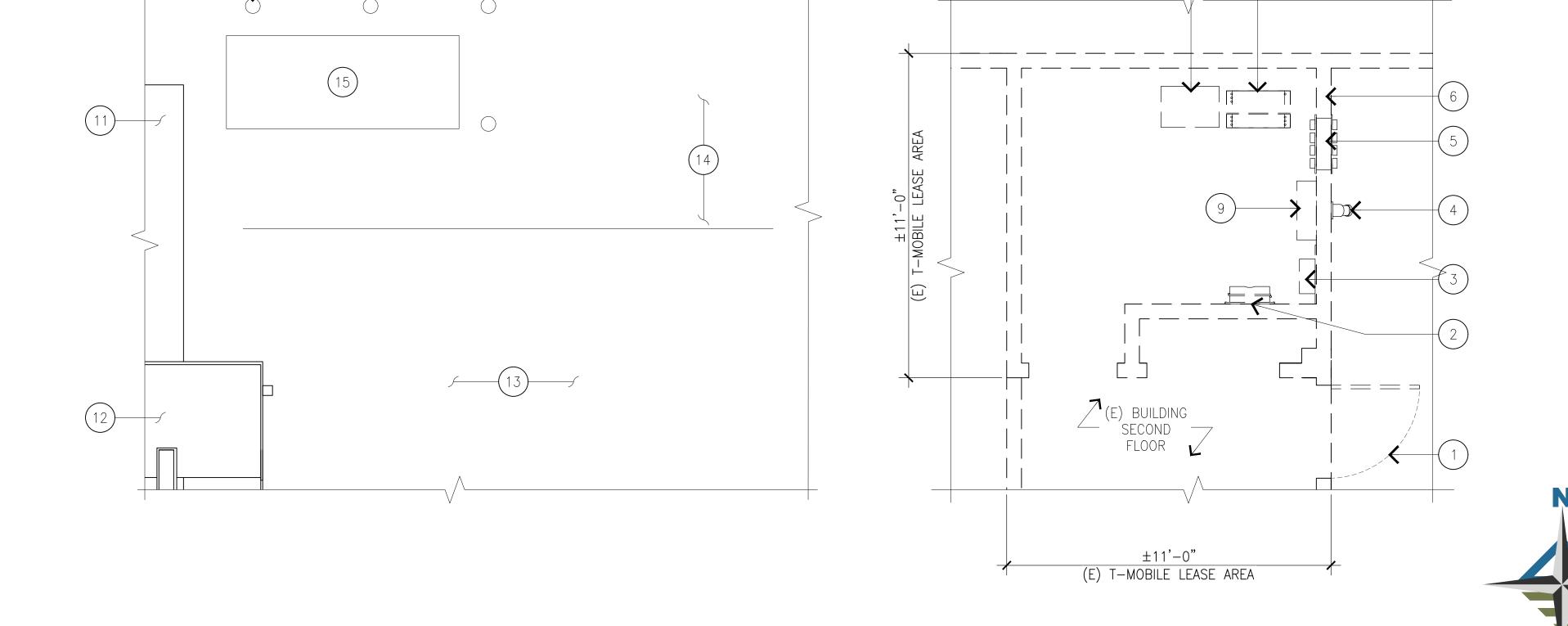
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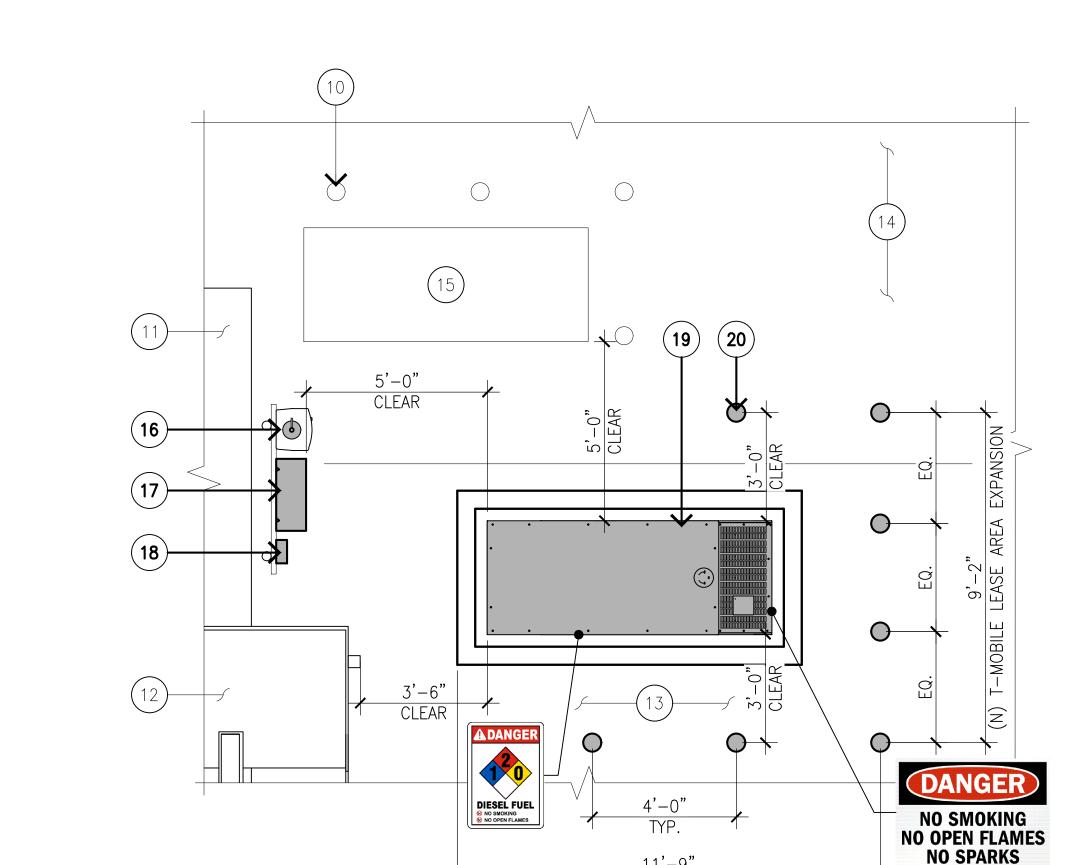
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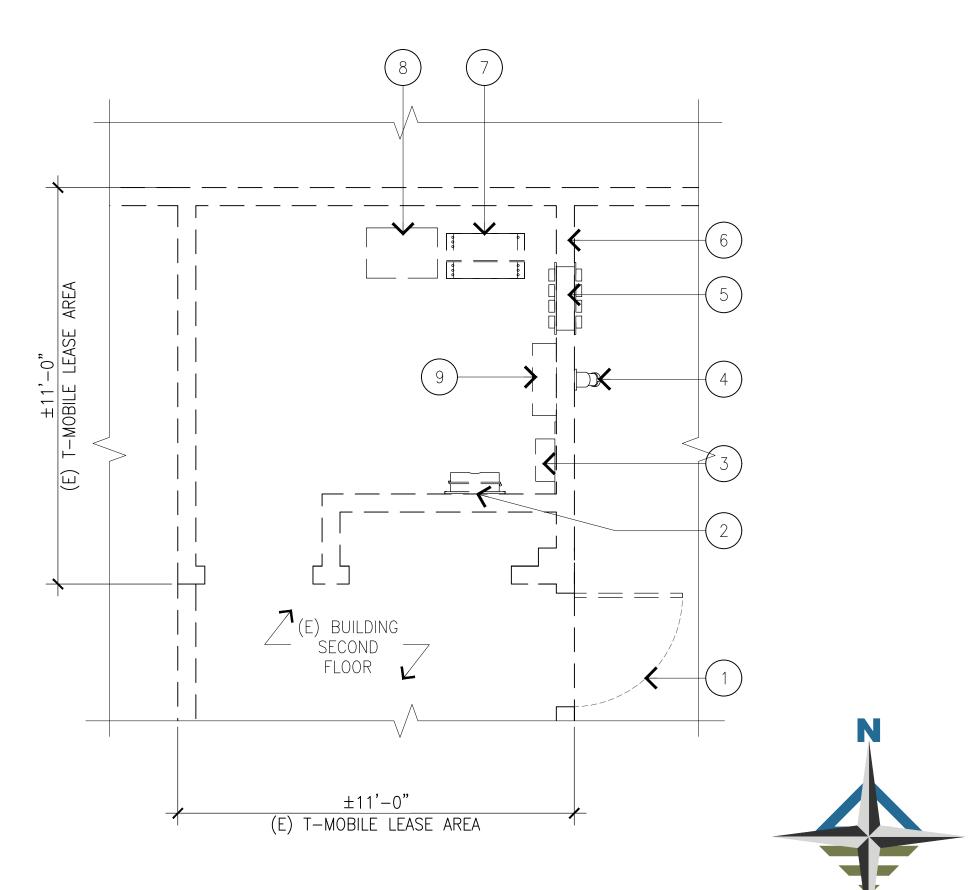
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SF40883A





(N) T-MOBILE LEASE AREA EXPANSION



FIRE DEPARTMENT NOTES:

(10) (E) BOLLARDS, TYP. OF (6)

(15) (E) GENERATOR, BY OTHERS

(12) (E) STEEL EXTERNAL STAIRCASE LANDING

(N) T-MOBILE ATS ON (N) H-FRAME $\begin{pmatrix} 4 \\ D-1 \end{pmatrix}$

(N) FIXED BOLLARDS, TYP. OF (7) 0

(N) T-MOBILE DISCONNECT SWITCH ON (N) H-FRAME $\begin{pmatrix} 4 \\ D-1 \end{pmatrix}$

(N) PORTABLE FIRE EXTINGUISHER WITH 18 LBS CAPACITY B:C RATING 4 INSTALLED INSIDE APPROVED RED CABINET ON (N) H-FRAME D-1

(N) T-MOBILE GENERAC 50KW DIESEL GENERATOR WITH TANK ON (N) CONCRETE SLAB

(11) (E) BUILDING

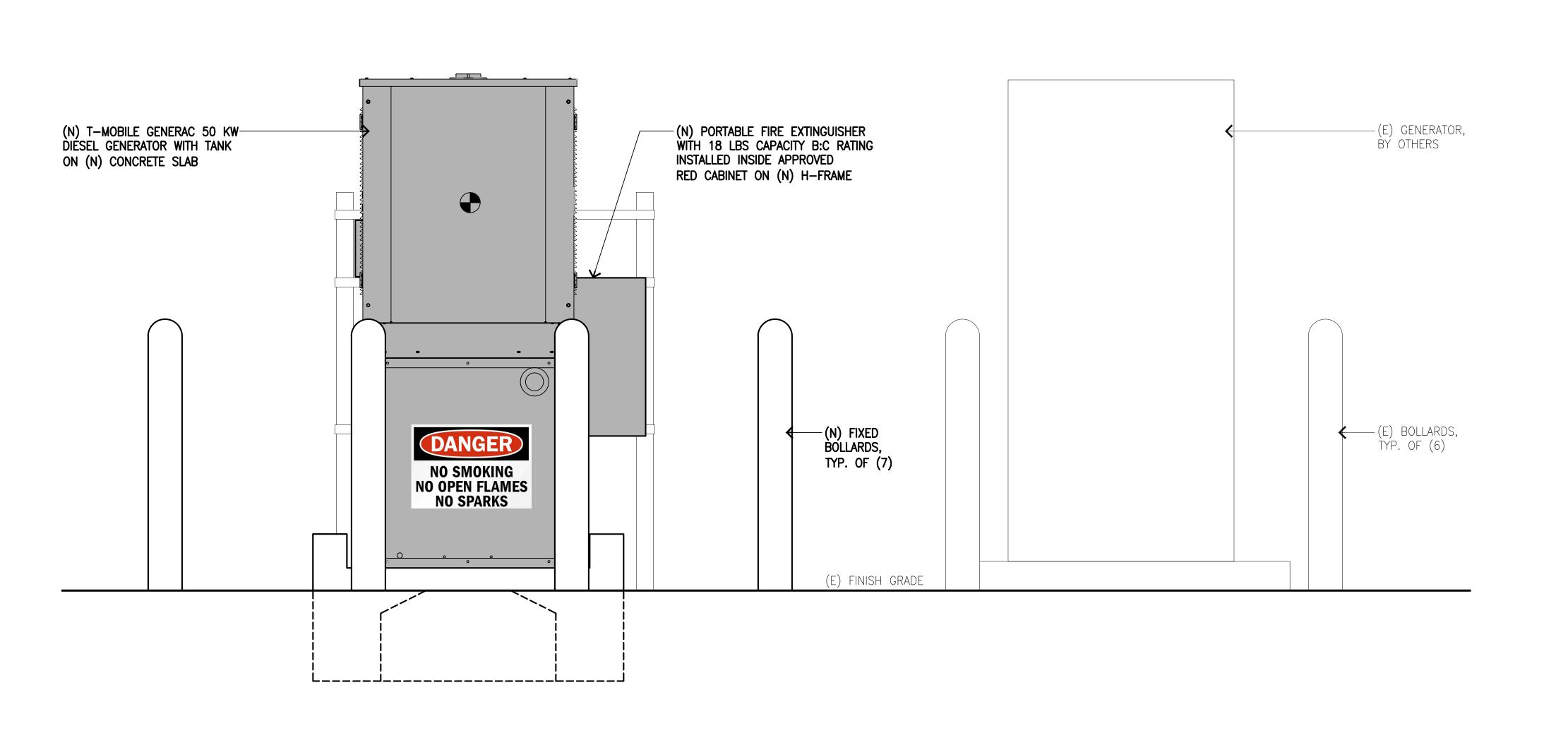
(13) (E) PARKING

(14) (E) DRIVEWAY

- AT NO TIME WILL ANY FLAMMABLE OR COMBUSTIBLE LIQUID (e.g. PETROLEUM GASOLINE, DIESEL, OR SIMILAR) WILL BE STORED ON SITE.
- PROVIDE PORTABLE FIRE EXTINGUISHER WITH 18 LBS CAPACITY AND A B:C RATING. EXTINGUISHER WILL BE PROVIDED IS SUFFICIENT.
- THE AREA NEEDS TO BE CLEAR OF WEEDS, GRASS, BRUSH, TRASH AND ANY OTHER COMBUSTIBLE MATERIALS WITH A MINIMUM OF TEN (10) FEET IN ALL DIRECTIONS FROM GENERATOR.

(N) EQUIPMENT LAYOUT PLAN

(E) EQUIPMENT LAYOUT PLAN



EAST ELEVATION



PROJECT INFORMATION:

(HARDENING NATIONAL - 50kW DIESEL)

SF40883A **FERNDALE**

989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT

CURRENT ISSUE DATE:

11/02/20

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PLANS PREPARED BY:



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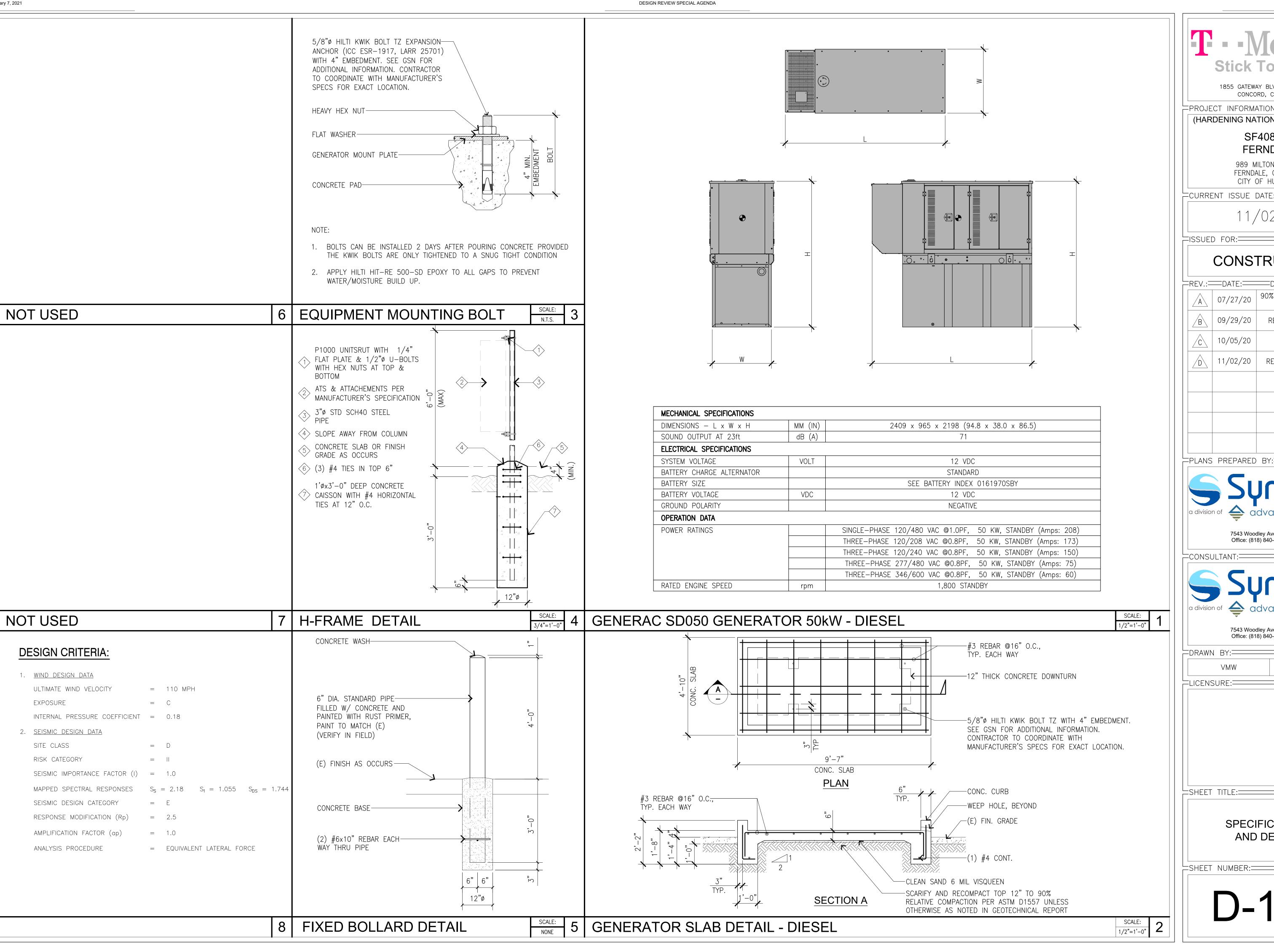
EQUIPMENT ELEVATION

SHEET NUMBER: REVISION:

SF40883A

NOT USED

DESIGN REVIEW SPECIAL AGENDA January 7, 2021





├PROJECT INFORMATION:---

(HARDENING NATIONAL - 50kW DIESEL)

CONCORD, CA 94520

SF40883A **FERNDALE**

989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT

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	A B C C	A 07/27/20 B 09/29/20 C 10/05/20	A 07/27/20 REVIEW B 09/29/20 REVISED 90% CD C 10/05/20 100% CD

⊨PLANS PREPARED BY:=



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7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708

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SHEET TITLE:

SPECIFICATIONS AND DETAILS

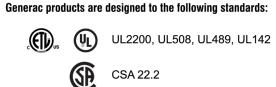
=REVISION:=

SF40883A



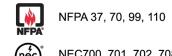
Codes and Standards

SD050 | 3.4L | 50 kW

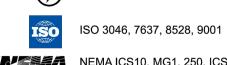




SAE J1349



NEC700, 701, 702, 708



NEMA ICS10, MG1, 250, ICS6, AB1 ANSI ANSI C62.41

SD050 | 3.4L | 50 kW INDUSTRIAL DIESEL GENERATOR SET

> rree-Phase 120/208 VAC @0.8pf rree-Phase 120/240 VAC @0.8pf

hree-Phase 277/480 VAC @0.8pf

Three-Phase 346/600 VAC @0.8pf

Total Fuel Pump Flow (Combustion + Return) - gph (lph)

Maximum Operating Ambient Temperature

Maximum Radiator Backpressure

ft/min (m/min) 1,335 (406.9)

psi (kPa) 169 (1,165)

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

Maximum Ambient Temperature (Before Derate)

Flow at Rated Power cfm (m3/min)

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.

Max. Allowable Backpressure

Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards.

50 kW

sKVA vs. Voltage Dip

42 63 83 104 125 146 Upsize 1 60 32 47 62 78 94

50 kW Amps: 60

consumption rates at 100% load.

135,900 (39.8)

0.5 (0.12)

448 (12.7)

EPA Certified Stationary Emergency

STARTING CAPABILITIES (sKVA)

FUEL CONSUMPTION RATES*

COMBUSTION AIR REQUIREMENTS

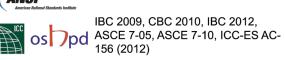
Horsepower at Rated kW**

Standby - See Bulletin 0187500SSB Prime - See Bulletin 0187510SSB

COOLING

OPERATING DATA

POWER RATINGS



Powering Ahead

For over 50 years, Generac has provided innovative design and superior manufacturing.

Image used for illustration purposes only

GENERAC INDUSTRIAL

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.

GENERAC INDUSTRIAL

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

ALTERNATOR SYSTEM

GENprotect[™]

Sealed Bearing

Lacing, Varnishing)

Amortisseur Winding

GENERATOR SET

Rotor Dynamically Spin Balanced

Internal Genset Vibration Isolation

Separation of Circuits - High/Low Voltage

Separation of Circuits - Multiple Breakers

Full Load Capacity Alternator

Protective Thermal Switch

Wrapped Exhaust Piping

Standard Factory Testing

Automated Manufacturing (Winding, Insertion,

STANDARD FEATURES

ENGINE SYSTEM

- Oil Drain Extension Air Cleaner
- 12 Leads (3-Phase, Non 600V) Fan Guard Class H Insulation Material Stainless Steel Flexible Exhaust Connection Factory Filled Oil and Coolant
- Vented Rotor 2/3 Pitch Radiator Duct Adapter (Open Set Only) Skewed Stator Critical Exhaust Silencer (Enclosed Only) Auxiliary Voltage Regulator Power Winding Brushless Excitation
- Fuel Lockoff Solenoid Primary Fuel Filter
- **Cooling System** Closed Coolant Recovery System

UV/Ozone Resistant Hoses

- Factory-Installed Radiator Radiator Drain Extension • 50/50 Ethylene Glycol Antifreeze 120 VAC Coolant Heater
- **Electrical System** Battery Charging Alternator
- Battery Cables Battery Tray Rubber-Booted Engine Electrical Connections
- 2 Year Limited Warranty (Standby Rated Units) • 1 Year Limited Warranty (Prime Rated Units) Silencer Mounted in the Discharge Hood Solenoid Activated Starter Motor Silencer of Heat Shield

CONTROL SYSTEM



Digital H Control Panel- Dual 4x20 Display

- Programmable Crank Limiter
- 7-Day Programmable Exerciser Special Applications Programmable Logic Controlle
- RS-232/485 Communications 3-Phase Sensing Digital Voltage Regulator 2-Wire Start Capability

SD050 | 3.4L | 50 kW

EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*

INDUSTRIAL DIESEL GENERATOR SET

Generac Power Systems, Inc. | P.O. Box 8 | Waukesha, WI 53189

P: (262) 544-4811 ©2017 Generac Power Systems, Inc. All rights reserved. All specifications are subject to change without notice

Date/Time Fault History (Event Log)

Isochronous Governor Control

Waterproof/Sealed Connectors

 Audible Alarms and Shutdowns Not in Auto (Flashing Light) Auto/Off/Manual Switch

Single Point Ground

Power Output (kW)

All Phase AC Voltage

All Phase Currents

kW Hours, Total, and Last Run

Real/Reactive/Apparent Power

Power Factor

16 Channel Remote Trending

- E-Stop (Red Mushroom-Type) NFPA110 Level I and II (Programmable) Customizable Alarms, Warnings, and Events Modbus[®] Protocol Predictive Maintenance Algorithm Sealed Boards
- Password Parameter Adjustment Protection Coolant Temperature Coolant Level
- 0.2 msec High Speed Remote Trending Alarms and Warnings Time and Date Stamped Alarm Information Automatically Annunciated on the Display Full System Status Display

ENGINE SY

 Coolant Temperature Coolant Level Engine Speed Battery Voltage

ENCLOSURE (If Selected)

(Sound Attenuation Enclosures)

Upward Facing Discharge Hoods

· Stainless Steel Lift Off Door Hinges

Stainless Steel Lockable Handles

Factory Pressure Tested - 2 psi (14 kPa)

Check Valve In Supply and Return Lines

RhinoCoat[™] - Textured Polyester Powder Coat Paint

Stamped Air-Intake Louvers

Double Wall Construction

UL 142

Sloped Top

Fuel Level

Sloped Bottom

Rupture Basin Alarm

Stainless Steel Hardware

Rust-Proof Fasteners with Nylon Washers to

High Performance Sound-Absorbing Material

RhinoCoat[™] - Textured Polyester Powder Coat Paint

- Frequency **Alarms and Warnings** Oil Pressure
- Engine Overspeed Battery Voltage
- Snap Shots of Key Operation Parameters During Alarms and Warnings Alarms and Warnings Spelled Out (No Alarm Codes)

GENERAC INDUSTRIAL

Enclosure Only

Enclosure Only

Weight - Ibs (kg)

Enclosure Only

Rev. C 11/27/17

L x W x H - in (mm)

54 (204.4) 76.7 (1.948) x 37.4 (950) x 58.2 (1.477) 2.256 (1.024)

132 (499.7) 76.7 (1,948) x 37.4 (950) x 70.2 (1,782) 2,486 (1,128)

211 (798.7) 76.7 (1,948) x 37.4 (950) x 82.2 (2,087) 2,695 (1,223) 69 300 (1,135.6) 92.9 (2,360) x 37.4 (950) x 85.7 (2,176) 2,758 (1,251)

L x W x H - in (mm)

94.8 (2,409) x 38.0 (965) x 49.5 (1,258)

132 (499.7) 94.8 (2,409) x 38.0 (965) x 74.5 (1,893) (152) (52)

LxWxH-in (mm)

112.5 (2,857) x 38.0 (965) x 49.5 (1,258)

30 132 (499.7) 112.5 (2,857) x 38.0 (965) x 74.5 (1,893) (498) (68)

LxWxH-in (mm)

94.8 (2,409) x 38.0 (965) x 61.9 (1,572

54 (204.4) 94.8 (2,409) x 38.0 (965) x 74.9 (1,902)

30 132 (499.7) 94.8 (2,409) x 38.0 (965) x 86.9 (2,207)

49 211 (798.7) 94.8 (2,409) x 38.0 (965) x 98.9 (2,512)

69 300 (1,135.6) 94.8 (2,409) x 38.0 (965) x 102.4 (2,601)

54 (204.4) 112.5 (2,857) x 38.0 (965) x 62.5 (1,588)

9 211 (798.7) 112.5 (2,857) x 38.0 (965) x 86.5 (2,198)

69 300 (1,135.6) 112.5 (2,857) x 38.0 (965) x 90.0 (2,287)

54 (204.4) 94.8 (2,409) x 38.0 (965) x 62.5 (1,588)

211 (798.7) 94.8 (2,409) x 38.0 (965) x 86.5 (2,198) 69 300 (1,135.6) 94.8 (2,409) x 38.0 (965) x 90.0 (2,287)

Time Capacity

LEVEL 1 ACOUSTIC ENCLOSURE

LEVEL 2 ACOUSTIC ENCLOSURE

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

5 Year Limited Warranty **GENERATOR SET** O 5 Year Extended Limited Warranty 7 Year Extended Limited Warranty O GenLink® Communications Software (English Only) O 10 Year Extended Limited Warranty 8 Position Load Center

CIRCUIT BREAKER OPTIONS

O Main Line Circuit Breaker

Electronic Trip Breakers

Weather Protected Enclosure

Level 1 Sound Attenuation

Level 2 Sound Attenuation

AC/DC Enclosure Lighting Kit

2 Year Extended Limited Warranty

O Level 2 Sound Attenuation with Motorized Dampers

Up to 200 MPH Wind Load Rating (Contact Factory

WARRANTY (Standby Gensets Only)

ENCLOSURE

Steel Enclosure

Aluminum Enclosure

Door Alarm Switch

2nd Main Line Circuit Breaker

Shunt Trip and Auxiliary Contact

ENGINEERED OPTIONS

ENGINE SYSTEM	ALTERNATOR SYSTEM
O Coolant Heater Ball Valves	 3rd Breaker System
O Fluid Containment Pan	
O Block Heaters	GENERATOR SET

DESIGN REVIEW SPECIAL AGENDA

SD050 | 3.4L | 50 kW

EPA Certified Stationary Emergency

O Industrial Exhaust Silencer (Open Set)

CONFIGURABLE OPTIONS

ENGINE SYSTEM

Oil Heater

FUEL SYSTEM

Flexible Fuel Lines

Primary Fuel Filter

ELECTRICAL SYSTEM

2.5A UL Battery Charger

ALTERNATOR SYSTEM

Anti-Condensation Heater

O Permanent Magnet Excitation

10A UL Battery Charge

Battery Warmer

Alternator Upsizing

Tropical Coating

CONTROL SYSTEM

O Spare Inputs (x4) / Outputs (x4)

O Battery Disconnect Switch

Oil Make-Up System

INDUSTRIAL DIESEL GENERATOR SET

GENERATOR SET Special Testing IBC Seismic Certification

> **ENCLOSURE** O Door Switch for Intrusion Alarm Enclosure Ambient Heaters

SD050 | 3.4L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET EPA Certified Stationary Emergency

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

GENERAC | INDUSTRIAL

O NFPA 110 Compliant 21-Light Remote Annunciator

O Remote E-Stop (Break Glass-Type, Surface Mount)

Remote E-Stop (Red Mushroom-Type, Flush Mount)

O Ground Fault Indication and Protection Functions

CONTROL SYSTEM

Remote Relay Assembly (8 or 16)

Oil Temperature Sender with Alarm

O Remote Communication - Modem

TANKS (Size On Last Page)

O 8 in (203.2 mm) Fill Extension

O 13 in (330.2 mm) Fill Extension

O 19 in (482.6 mm) Fill Extension

10A Run Relay

Electric Fuel Level

TANKS

Overfill Protection Valve

O UL2085 Tank

O ULC S-601 Tank

Stainless Steel Tanks

O Special Fuel Tanks (MIDEQ and FL DEP/DERM, etc.)

Mechanical Fuel Level

O Remote E-Stop (Red Mushroom-Type,

General		Cooling System	
Make	Generac	Cooling System Type	Closed Recovery
EPA Emissions Compliance	Stationary Emergency	Water Pump Type	Pre-Lubed, Self Sealing
EPA Emissions Reference	See Emission Data Sheet	Fan Type	Pusher
Cylinder #	4	Fan Speed - rpm	2,250
Туре	In-Line	Fan Diameter - in (mm)	560 (22)
Displacement - in ³ (L)	207.48 (3.4)		
Bore - in (mm)	3.86 (98)	Fuel System	
Stroke - in (mm)	4.45 (113)	Fuel Type	Ultra Low Sulfur Diesel Fuel #2
Compression Ratio	18.5:1	Fuel Specifications	ASTM
Intake Air Method	Turbocharged/Aftercooled	Fuel Filtering (microns)	10
Cylinder Head	Cast Iron OHV	Fuel Inject Pump	Bosch (VE)
Piston Type	Aluminum	Fuel Pump Type	Engine Driven Gear
Crankshaft Type	Forged Steel	Injector Type	Pintel - 2,100 psi (14,479 kPa)
		Fuel Supply Line - in (mm)	0.312 (7.92) NPT

GENERAC INDUSTRIAL

0.312 (7.92) NPT

Engine Governing Fuel Return Line - in (mm) Frequency Regulation (Steady State)

Engine Electrical System Lubrication System **Battery Charger Alternato** See Battery Index 0161970SBY Full Flow Cartridge 7.4 (7) Battery Voltage Oil Filter Type Crankcase Capacity - qt (L)

ALTERNATOR SPECIFICATIONS

Bearings Coupling	Single Sealed Cartridge
Coupling	Discoulate the Planting Discoulate
ooupinig	Direct via Flexible Disc
Load Capacity - Standby	100%
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Digital
Number of Sensed Phases	All
	Voltage Regulator Type

Regulation Accuracy (Steady State)



=PROJECT INFORMATION:==(HARDENING NATIONAL - 50kW DIESEL)

CONCORD, CA 94520

SF40883A **FERNDALE**

989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT

=CURRENT ISSUE DATE:=

=ISSUED FOR:=

CONSTRUCTION

REV.:=	—DATE:—	DESCRIPTION:	BY:=
A	07/27/20	90% CD, ISSUED FOR REVIEW	RC
B	09/29/20	REVISED 90% CD	VMW
C	10/05/20	100% CD	VMW
D	11/02/20	REVISED 100% CD	VMW
	A B C	A 07/27/20 B 09/29/20 C 10/05/20	A 07/27/20 REVIEW B 09/29/20 REVISED 90% CD C 10/05/20 100% CD

=PLANS PREPARED BY:=



7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708



GENERATOR **SPECIFICATION**

=SHEET NUMBER:=====

GENERATOR SPECIFICATIONS

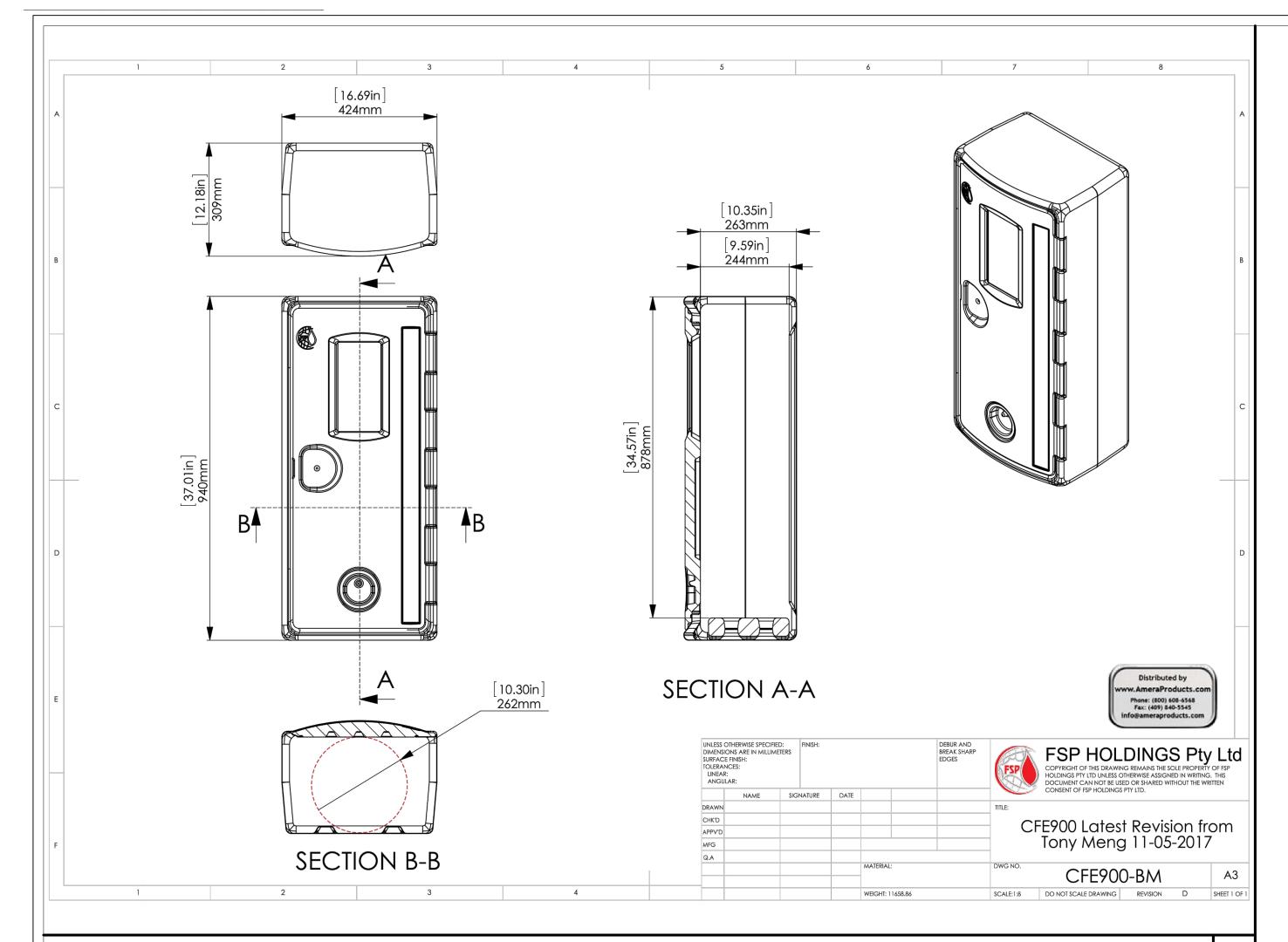
7543 Woodley Ave., #201, Van Nuys, CA 91406 Office: (818) 840-0808 Fax: (818) 840-0708 =DRAWN BY:====CHK.:===APV.:= 片LICENSURE:=

=SHEET TITLE:===

SF40883A

=REVISION:=

January 7, 2021 DESIGN REVIEW SPECIAL AGENDA



FIRE EXTINGUISHER CABINET SPECIFICATION



GENERAC* INDUSTRIAL POWER

Automatic Transfer Switches

Automat



- Standard time delay neutral will reduce switchover
 problems
- Logic control with inphase monitor regulates switch functions and allows adjustable switch settings with LED indicators.
- Control switches located on the front of the door for ease of operation.
- All switches are UL 1008 listed and CSA certified.
- Electrically-operated, mechanically-held and interlocked main contacts with break before make design for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive with no derations.
- 2, 3, and 4 Pole 600 VAC contactors.
- 160 millisecond transfer time.

Standard Features

100 - 400 Amps,

600 VAC

• Single coil design, electrically operated and mechanically held

GENERAC GTSSYSTEM

- Programmable exerciser
- SPDT auxiliary contacts
 Main contacts are gilver allow to regist wolding
- Main contacts are silver alloy to resist welding and sticking
 Conformal coating protects all printed circuit boards
- Indicating LED's for switch position—Normal, Emergency, and Standby Operating
- NEMA 1 enclosure with hinged door and key-locking handle
 Three position switch. Fost Test, Auto, Normal Test.
- Three-position switch—Fast Test, Auto, Normal TestArc chutes on main contacts

Optional Accessories

- NEMA 12 enclosureNEMA 3R enclosure
- NEMA 4 & 4X enclosure
- Exterior AC meter package
 Controls assessible through
- Controls accessible through door in door design on NEMA
- type 3R and 4 enclosures key lock provided on access door
- 4-pole design for neutral isolation
 Two (2) sets of auxiliary contacts
- Preferred source selector switch
- Manual 3 position selector switchRemote automatic control circuit
- Signal before transfer contacts
- Return to normal timer by pass

GENERAC INDUSTRIAL POWER

GTS Control Systems

FB29 X7. b	LOGIC CONTROL w / Inphase Monitor
Utility Voltage	THE RESERVE AND AS AS
Dropout	75-95% (Adj.)
Pickup	
Line Interrupt	
Engine Minimum Run	5-30 Min. (Adj.)
Engine Warmup	
Return to Utility	1-30 Min. (Adj.) 1-30 Min. (Adj.) 85-95% (Adj.) 80-90% (Adj.)
Engine Cooldown	
Standby Voltage	85-95% (Adj.)
Standby Frequency	
Time Delay Neutral	
Transfer on Exercise	On/Off Switch
Warmup Timer Bypass	
Time Delay Neutral Bypass	On/Off Switch
Innhase Monitor	On/Off Switch

Withstand Current - 600 Volt GTS Series

GTS Rated Amps	100	150	200	300	400
FUSE PROTECTED					
Maximum RMS Symmetrical					
Fault Current – Amps	200,000	200,000	200,000	200,000	200,000
Maximum Fuse			10.1 W.C. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	1.1100.111 5 1.715=100	***************************************
Size – Amps	200	400	400	600	600
Fuse Class	J,T	J,T	J,T	J,T	J,T
CIRCUIT BREAKER PROTECTED (See	separate sheet for sp	ecific circuit breake	rs)		
Maximum RMS Symmetrical			V-0.02		
Fault Current – Amps	14.000	25.000	25.000	35.000	35.000
	100 TO \$100 TO TO TO	1 11 - 12 - 12 - 12 - 12 - 12 - 12 -	and the specific test of the t	200000 1 × 100 100 100 100 100 100 100 10	, 4.4-1
Protective Device Continuous					

Tested in accordance with the withstand and closing requirements of UL 1008 and CSA Standards
 Current ratings are listed @ 480 VAC

 	 D2 	GTS		Enclosure	Enclosure	Wall	Mount	Encls	oure	Weight
0.44*ø		Rated	Voltage	Height	Width	Bolt F	attern	De	oth	(lbs.)
	li d	Amps	.58	Н	W	M1	M2	D1	D2	
1		100	All	36	24	18	37.5	12.7	10	180
1		150-200	120/240	36	24	18	37.5	12.7	10	185
		150-200	120/208	36	24	18	37.5	12.7	10	185
		150-200	277/480	48*	30*	24	49.5	14.8	12	265
	rd l	150-200	600	48*	30*	24	49.5	14.8	12	265
] "]	r 1	300-400	120/240	36	24	18	37.5	12.7	10	245
		300-400	120/208	36	24	18	37.5	12.7	10	245
		300-400	277/480	48*	30*	24	49.5	14.8	12	325
		300-400	600	48*	30*	24	49.5	14.8	12	325

Terminal Lug Wire Ranges

GTS RATED	CONTACTOR TERMINALS (1 LUG PER POLE)		NEUTRAL BAR*	GROUND LUG (1 PROVIDED)
AMPS	LUG WIRE RANGE	# LUGS	LUG WIRE RANGE	LUG WIRE RANGE
100	2/0 – 14 AWG	4	2/0 – 14 AWG	2/0 – 14 AWG
150	400MCM – 4 AWG	-4	350MCM – 6 AWG	350MCM – 6 AWG
200	400MCM – 4 AWG	4	350MCM – 6 AWG	350MCM – 6 AWG
300	600MCM – 4 AWG	4	600MCM – 4 AWG	350MCM – 6 AWG
	or 2 – [250MCM – 1/0 AWG]		[250MCM - 1/0 AWG]**	350MCM – 6 AWG
400	600MCM – 4 AWG	4	600MCM – 4 AWG	350MCM – 6 AWG
	or 2 - [250MCM - 1/0 AWG]		[250MCM - 1/0 AWG]**	1

* Not included in GTS with switched neutral. ** Allowable wire range in brackets is for 2 wires per lug.

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T - Mobile Stick Together®

1855 GATEWAY BLVD., SUITE 900 CONCORD, CA 94520

PROJECT INFORMATION: (HARDENING NATIONAL - 50kW DIESEL)

SF40883A FERNDALE

989 MILTON AVENUE FERNDALE, CA 95536 CITY OF HUMBOLDT

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-PLANS PREPARED BY:-



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DRAWN BY: CHK.: APV.: LK LK LK LICENSURE:

SHEET TITLE:

SPECIFICATIONS

SHEET NUMBER: REVISION:

.

3

SF40883A

NOT USED 3 AUTOMATIC TRANSFER SWITCH SPECIFICATIONS

Meeting Date:	January 7, 2021			Agenda Item Number		5.b
Agenda Item Title	74	6 Main Street				
Presented By:	Da	na Webb and/or Staff				
Type of Item:	х	Action		Discussion		Information
Action Required:		No Action	Х	Voice Vote		Roll Call Vote

PROJECT DESCRIPTION: Request for a Design Review Use Permit to replace a bathroom window with two octagon (22.25" x 22.25") and one rectangular (47.5" x 11.5") detail window at 746 Main Street (APN 031-141-003).

RECOMMENDATION: Staff has included findings of fact (Attachment A) necessary to take an action on the Design Review Use Permit. If the Design Review Committee accepts the findings of fact or makes comparable findings, then staff recommends the Committee approve the Design Review Use Permit, subject to the conditions of approval listed in Attachment B.

RECOMMENDED MOTION: "Make the required findings of fact listed in Attachment A to approve the Design Review Use Permit, subject to the conditions of approval listed in Attachment B, to replace the current bathroom window with two octagon and one rectangular detail window as shown in the application."

ATTACHMENTS: Findings of Fact, Conditions of Approval, project description, and photos.

Attachment A FINDINGS OF FACT

The following findings of fact are required for approving the Design Review Use Permit.

- 1. The proposed design, materials, and colors are visually harmonious with and conceptually consistent in character and scale with surrounding area.
- 2. The existing project, as outlined and with conditions:
 - Conforms to and is consistent with the Ferndale General Plan;
 - Does not impair the natural beauty of the town's site and setting; and
 - Will not be unsightly, obnoxious or undesirable in appearance to the extent that it will
 hinder the harmonious development of the zone, impair the desirability of the zone for the
 uses permitted therein, or limit the opportunity to attain optimum use and value of the land
 and improvements or otherwise adversely affect the general property and welfare.

Attachment B CONDITIONS OF APPROVAL

Staff recommends Design Review Use Permit approval be subject to the following conditions. The violation of any term or requirement of this conditional approval may result in the revocation of the permit.

- The applicant shall be responsible to pay all applicable fees, deposits or charges associated with
 processing and finalizing the Design Review Use Permit, and/or otherwise owed to the City of
 Ferndale. All applicable or other required fees shall be paid to the satisfaction of the City of
 Ferndale before the Permit and uses allowed are considered final and approved.
- 2. All proposed work shall be in conformance with the approved permit application and with the information and analysis contained in the associated staff report and conditions of approval on file with the City. Should the work deviate from that as allowed by this approval, then the applicant may be required to first receive Design Review Committee approval for such changes.
- 3. Should the applicant or any other future owner of the subject property not conform to the requirements of these conditions, then said non-conformance shall constitute a violation of this Design Review Use Permit and shall become null and void until either all the issues have been addressed to the satisfaction of the City, or the permit is revoked.
- 4. All proposed and/or future development, improvements, and construction authorized hereunder shall be in conformance with all applicable City ordinances, regulations and codes, including but not limited to Zoning Ordinance 02-02, including the Design Review requirements, the Uniform Building Code, any Fire Codes and/or Public Health & Safety Code, applicable to the nature and type of proposed use and/or construction. A City building permit is required for any construction associated with the proposed project with the burden on the applicant to comply.

Full Ap Rec'd

Sent to Comm.

Returned

Ap notified

Project Final

CITY OF FERNDALE PLANNING DEPARTMENT

STANDARD APPLICATION FORM

Please	provide the f	following information	as it applies to your a	application. For questio	ns, call 786-4224.					
1.	Type of Ap	plication	Date:	12-3-2	2020					
	Bed & Brea	akfast Inn		Major Subdivision (5 parcels or more)					
X	Design Rev	view Use Permit		Minor Subdivision (4 parcels or less)					
	Exception	to Development Stand	dards	Second Dwelling Ur	nit					
	Home Occ	upation Permit		Use Permit						
	Lot Line Ad	djustment		Variance						
	Merger	THE STATE OF THE S		Zoning & General P	lan Amendment					
2.	Name of Property Owner: Dana A. () & 166									
	Address: Me Main Street									
3.	Name of Ap	oplicant (if different):								
	Address:	Address: Phone: 707-010-030\								
4.	Property Lo	ocation: TWO L	suldings	from Whi	ite churc	hon				
	Assessor Pa	Assessor Parcel Number(s):								
	Description: Two STMY light blue victorian									
	Lot Area: _	cityl	ot							
5.	Present Use	e of Property:	ingle V	ume u	se					
	Present Zor		J							
6.	Description	of Proposed Project:	Remove	gurrent	- bathroom	n				
\	1.00	1 ~	place	with 2	octagan					
	\$ 8W	rallet d	etailed	window.	0					
Filing Fee	e: A filing fee	of \$ has been p	aid as part of the applic	ation. (Refer to Resolutio	n 00-21 for fees and					
charges f	or review and	l processing of developm	nent permits.) I hereby	certify that to the best of	f my knowledge the					
information in this application and all attached exhibits is full, complete and correct, and I understand that any										
misstatement of omission of the requested information or of any information subsequently requested shall be										
grounds for denying the application, or suspending or revoking a permit issued on the basis of these of subsequent										
representations, or for the seeking of such other and further relief as may seem proper to the City.										
Signature of Applicant or Agent Date										
Authorization of Agent: I hereby authorizeto act as my representative										
and bind me in all matters concerning this application. (Form 121106)										
FOR STAFF USE ONLY										





Deliverin Cart | 0 items 💢 9600 Search

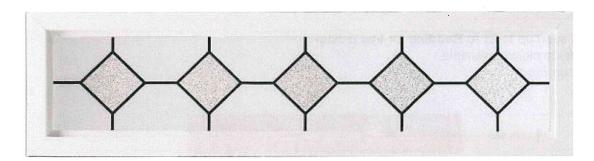
Home / Doors & Windows / Windows / Picture Windows

Internet #206967343 Model #DF4711MISSV1500WH











Hover Image to Zoom

47.5 in. x 11.5 in. Mission Decorative Glass Picture Vinyl Window - White by Hy-Lite >



★★★★★ (36) ✓ Write A Review Questions & Answers (12)





Deliverin 9600 Search

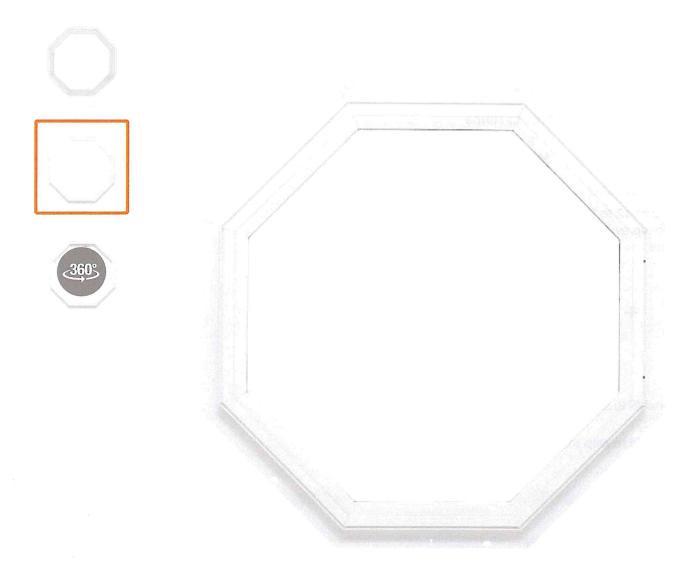


Cart | 0 items 🕽



Home / Doors & Windows / Windows / Shaped Windows

Internet #202104412 Model #OCT2222-D



Hover Image to Zoom

Best Seller

22.25 in. x 22.25 in. Fixed Octagon Geometric Vinyl Window - White by TAFCO WINDOWS >



★★★★★ (120) ✓ Write A Review Questions & Answers (26)



CORRESPONDENCE

COMMITTEE COMMENTS

<u>ADJOURN</u>