

## FIRST AMENDMENT TO LEASE AGREEMENT

THIS FIRST AMENDMENT TO LEASE AGREEMENT ("First Amendment") is made and entered into on \_\_\_\_\_, 202\_\_ ("Effective Date"), by and between City of Fairfield, a Municipal Corporation ("Landlord"), and T-Mobile West LLC, a Delaware limited liability company, as successor in interest to Metro PCS California ("Tenant") (Collectively the "Parties").

### Recitals

The Parties hereto recite, declare and agree as follows:

A. Landlord and Tenant entered into a LEASE AGREEMENT, dated January 6, 2004 (the "Lease") for leased premises (the "Premises") located at 1000 Cement Hill Road Fairfield, CA 94533 (the "Property").

B. Landlord and Tenant desire to enter into this First Amendment in order to modify and amend certain provisions of the Lease.

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant covenant and agree as follows:

1. Landlord Consent. Landlord hereby grants Tenant the right and consents to Tenant's expansion of the Premises and the installation of a diesel generator as described and depicted in on Exhibit "B-1", which is attached hereto and by this reference incorporated herein, which equipment shall be considered part of the "Antenna Facilities" under the Lease.

2. Rent and Costs. The Rent that Tenant pays Landlord will be increased by Four Hundred Dollars (\$400.00) per month as of thirty (30) days from the date of commencement of construction for the modification of the additional equipment. Thereafter, Rent shall be payable in accordance with the terms of the Lease.

3. Tenant's Notice Address. Tenant's notice addresses in the Lease are deleted in their entirety and replaced with the following:

If to Tenant:

T-Mobile USA, Inc.  
12920 S.E. 38<sup>th</sup> Street  
Bellevue, WA 98006  
Attn.: Lease Compliance  
Site No. SF70430M

4. Terms; Conflicts. The terms and conditions of the Lease are incorporated herein by this reference, and capitalized terms used in this First Amendment shall have the same meanings such terms are given in the Lease. Except as specifically set forth herein, this First Amendment shall in no way modify, alter or amend the remaining terms of the Lease, all of which are ratified by the parties and shall remain in full force and effect. To the extent there is any conflict between the terms and conditions of the Lease and this First Amendment, the terms and conditions of this First Amendment will govern and control.

5. Approvals. Landlord represents and warrants to Tenant that the consent or approval of no third party, including, without limitation, a lender, is required with respect to the execution of this First Amendment, or if any such third party consent or approval is required, Landlord has obtained any and all such consents or approvals.

6. Authorization. The persons who have executed this First Amendment represent and warrant that they are duly authorized to execute this First Amendment in their individual or representative capacity as indicated.

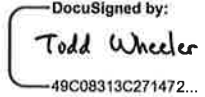
T-Mobile Site No: SF70430M  
Market: San Francisco

IN WITNESS WHEREOF, the Parties have executed this First Amendment on the day and year first written above.

Landlord:  
**City of Fairfield, a Municipal Corporation**

Tenant:  
**T-Mobile West LLC, a Delaware limited liability company**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

By:  \_\_\_\_\_  
Name: **Todd wheeler**  
Title: **Senior Director**  
Date: **1/13/2021**

TMO Legal  
2021.01.08  
10:11:03  
-05'00'



**EXHIBIT B-1**

(insert site plan drawing here)



CONTRACTOR SHALL CONTACT THE BUILDING OWNER TO DETERMINE IF ROOF IS UNDER WARRANTY. CONTRACTOR SHALL GUARANTEE THAT ANY AND ALL NEW ROOFING WORKMANSHIP, NOT LIMITED TO ANY EXISTING ROOFING, WARRANTED AS TO MATERIALS AND INSTALLATION, IS NOT MADE WITHOUT THE CONTRACTOR'S KNOWLEDGE. IF IT IS DETERMINED THAT THE ARCHITECT'S DETAILS IS INADEQUATE OR INCONSISTENT WITH THE MATERIALS AND THE CLIENT PROJECT MANAGER SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND THE CLIENT PROJECT MANAGER IN WRITING. ULTIMATELY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMING UP WITH THE ORIGINAL ROOF CONTRACTOR SHALL BE

1. CONTRACTOR SHALL CONTACT THE BUILDING DEPT. TO DETERMINE IF ROOF IS AN EXISTING OR NEW CONSTRUCTION. CONTRACTOR SHALL DETERMINE IF ANY AIR OR NEW ROOFING MATERIALS ARE TO BE INSTALLED ON THE ROOF. IF THE BUILDING DEPT. RESPONSE IS NOT MADE WITHIN A REASONABLE TIME FRAME, IT IS DETERMINED THAT THE PROJECT'S DESIGN IS INADEQUATE OR INSUFFICIENT IF IT IS NOT CATCHED EARLY ON. CONTRACTOR SHALL ADVISE THE ARCHITECT IMMEDIATELY.
2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE BUILDING DEPT. AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE BUILDING DEPT. AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE BUILDING DEPT. AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN.
3. CONTRACTOR SHALL USE APPROVED AND PATENTED SHAPES AND COMBINABLE WITH EXISTING MATERIALS AS A GUIDELINE FOR MATERIALS AND FINISHES. THE CONTRACTOR SHALL PROVIDE A SAMPLE BOARD TO THE ARCHITECT AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN.
4. THE CONTRACTOR SHALL PROVIDE A SAMPLE BOARD TO THE ARCHITECT AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN. THE CONTRACTOR SHALL PROVIDE A SAMPLE BOARD TO THE ARCHITECT AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONSTRUCTING INJURED AND DAMAGED MATERIALS AND FINISHES TO MATCH EXISTING MATERIALS AND FINISHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONSTRUCTING INJURED AND DAMAGED MATERIALS AND FINISHES TO MATCH EXISTING MATERIALS AND FINISHES.
6. IF IT IS DEEMED NECESSARY TO REPLACE EXISTING ROOFING MATERIALS, THE CONTRACTOR SHALL PROVIDE A SAMPLE BOARD TO THE ARCHITECT AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE BUILDING DEPT. AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE BUILDING DEPT. AND THE CLIENT PRIOR TO ANY WORK BEING UNDERTAKEN.
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11. AT THE CLIENT PROJECT MANAGER'S DISCRETION, THE CONTRACTOR SHALL PROVIDE "MILIT" HIGH PERFORMANCE FIRESTOP SYSTEM #1501 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

THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT A201

- [illegible]

ILP  
INTERNATIONAL INSTITUTE FOR LATH AND PLASTER  
P.O. BOX 1662  
CHICAGO, IL 60646

- THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE MATERIAL, ALL EQUIPMENT AND MATERIALS AND THE ESTABLISHMENT OF THE MANUFACTURER'S INSTALLATION, SPECIFICATIONS, UNLESS SPECIFICALLY OTHERWISE INDICATED IN THESE LOCAL CODES OR REGULATIONS PRECEDENCE.

[illegible]

1. THE GENERAL CONTRACTOR MUST PERFORM WORK DURING PREFERRED HOURS TO AVOID DISRUPTION OF NORMAL ACTIVITY
2. ALL EXPOSED METAL SHALL BE HOT-DIPPED GALVANIZED
3. PROVIDE A PROBABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-ABCIB WITH 7.5 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA

4. THE CONTRACTING COMPANY SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND BLINDING PERMITS FROM THE APPLICABLE AGENCIES AND OBTAINING THE NECESSARY STANDARDS FOR CONSTRUCTION. THE CONTRACTING COMPANY SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY STANDARDS FOR CONSTRUCTION. THE CONTRACTING COMPANY SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY STANDARDS FOR CONSTRUCTION.
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1. AT THE CLIENT PROJECT MANAGER'S DIRECTION, THE CONTRACTOR SHALL PROVIDE "HALL" HIGH PERFORMANCE FIRESTOP SYSTEM #58040 AT ALL FIRE RATED PENETRATIONS INSTALLED PER MANUFACTURER'S LATEST INSTALLATION SPECIFICATIONS.

- [illegible]

INTERNATIONAL INSTITUTE FOR LATH AND PLASTER  
P.O. BOX 1662  
CARLETON, ON N4S 3A8

- [illegible]

9. A PRE-CONSTRUCTION CONFERENCE OF REPRESENTATIVES FROM AFFECTED AGENCIES SHALL BE HELD ON THE JOB AT LEAST ONE (1) WEEK PRIOR TO BEGINNING CONSTRUCTION.

10. DRAWINGS ARE NOT TO BE SCALED UNDER ANY CIRCUMSTANCES. WRITTEN DIMENSIONS THAT PRECEDENCE OVER SCALE, AND THIS SET OF PLANS IS INTENDED TO BE USED FOR PROGRAMMATIC PURPOSES ONLY, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL PROVIDE DIMENSIONS FOR ALL CONSTRUCTION.

- [illegible]

ARCHITECT/ENGINEER SHALL BE NOTIFIED AND ALL FOUNDATION WORK SHALL CEASE IMMEDIATELY

- [illegible]

**LANDLORD/LESSOR NOTES**

- [illegible]

SECTION 1103.2.7 LIMITED ACCESS SPACES – SPACES NOT CUSTOMARILY OCCUPIED AND PASSED-THROUGH ONLY BY LANDERS, CANNIAMS, CHALK, SPACES OR VERY NARROW ACCESSWAYS SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS OR TO BE ON AN ACCESSIBLE ROUTE.

SECTION 1103.2.9 EQUIPMENT SPACES – SPACES FREQUENTLY ONLY BY SERVICE PERSONNEL FOR MAINTENANCE, REPAIR OR OCCASIONAL MONITORING OF EQUIPMENT.

- GENERAL RF NOTES**
- ALL ANTENNA AND MEDIA/CABLE SHALL BE FURNISHED BY 1-MOBILE WIRELESS AND INSTALLED BY ANTENNA INSTALLATION CONTRACTOR.
- PRIOR TO INSTALLATION OF ANTENNAS THE CONTRACTOR SHALL VERIFY THAT THE FOLLOWING CONDITIONS ARE MET:
- A. ANTENNA INSTALLATION CONTRACTOR SHALL PROVIDE ALL CONDUIT, CABLE TOWS AND/OR TRAILERS NECESSARY FOR TRANSPORTING AND INSTALLING ANTENNAS.
  - B. ANTENNAS SHALL BE PROTECTED AS REQUIRED FOR A COMPLETE DRIVING SYSTEM IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- ANTENNA CONDUIT SHALL INCLUDE FACTORY-WARE JACKET RIGIDUS SHEETS AT ALL INTERSECTIONS WITH EXISTING UTILITY LINES.

ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC WITH STEEL BENDS ALL EXPOSED CONDUIT ABOVE GRADE SHALL BE IMC OR RIGID GALVANIZED ALL EXPOSED CONDUIT PROTECTED IN A BUILDING OR ON A ROOF SHALL BE EMT OR UV STABILIZED, PAINTED, SCHEDULE 80 PVC

- 9 IN HIGH VOLTAGE AREAS OR AREAS SUSCEPTIBLE TO DAMAGE CONTRACTOR SHALL  
10 PROTECT ALL CABLES BY INSTALLING AN OVERHEAD PROTECTIVE COVER. THE  
11 WHERE CABLE IS RUN ON THE WALL, IT SHALL BE PROTECTED BY A COVER WITH A  
12 OVERLAPPING METAL COVER OR MATERIAL, AS DIRECTED BY THE MANAGER.  
13 ALL CABLES SHALL BE PROTECTED BY A COVER WITH A  
14 OVERLAPPING METAL COVER OR MATERIAL, AS DIRECTED BY THE MANAGER.  
15 VIEWER MUST AND JUNCTION OF CABLE FROM TO OUTLINE ALSO PROTECTED. ROUTE AS  
16 REQUIRED TO CLAY EXISTING OBSTRUCTIONS AND MAINTAIN REQUIRED CLEARANCE FROM  
17 EXISTING EQUIPMENT AND FACILITIES.  
18 1-1/2" CABLE SHALL BE 10'-0" MAXIMUM LENGTH OF  
19 1-1/2" CABLE SHALL BE 10'-0"  
20 VIEWER MUST MAINTAIN CLEARANCE OF 10'-0" FROM ALL OBSTRUCTIONS  
21 TO THE CONTRACTOR SHALL PROVIDE LISTING OF ANTENNAE AND SPALL PROTECTOR  
22 DOCUMENTATION TO THE MANAGER.  
23 1-1/2" CABLE SHALL BE 10'-0" MAXIMUM LENGTH OF  
24 1-1/2" CABLE SHALL BE 10'-0"  
25 1-1/2" CABLE SHALL BE 10'-0" MAXIMUM LENGTH OF  
26 1-1/2" CABLE SHALL BE 10'-0"  
27 1-1/2" CABLE SHALL BE 10'-0" MAXIMUM LENGTH OF  
28 1-1/2" CABLE SHALL BE 10'-0"  
29 1-1/2" CABLE SHALL BE 10'-0" MAXIMUM LENGTH OF  
30 1-1/2" CABLE SHALL BE 10'-0"

**LANDLORD/LESSOR NOTES**

A PRECONSTRUCTION CONFERENCE OF REPRESENTATIVES FROM APPLICABLE AGENCIES SHALL BE HELD ON SITE AT LEAST ONCE PRIOR TO BEGINNING CONSTRUCTION AT WHICH

- NOTE: CONTRACTOR TO FIELD VERIFY ALL (E) CONSTRUCTION COMPLETED BEFORE SUBMITTING FOR FIELD INSPECTION OF CONSTRUCTION AND/OR FABRICATION.

[illegible]



Stick Together  
1801 CHERRY AVE, SUITE 800  
CONCORD, CA 94520

PROJECT INFORMATION

**SHARDENING CONCRETE - 4BW DESIG**

**SF70430M**

**SF0430 COVER ROAD**

1000 CAMART HILL RD  
FAIRFIELD, CA 94533

SOUND COUNTY

CURRENT ISSUE DATE

**03/02/21**

ISSUED FOR

**CONSTRUCTION**

| REV | DATE     | DESCRIPTION                      | BY  |
|-----|----------|----------------------------------|-----|
| △   | 03/24/20 | 90% CD, REVEAL FOR VIA           | VIA |
| △   | 03/28/20 | REVISED CD                       | VIA |
| △   | 04/24/20 | REVISED CD                       | VIA |
| △   | 08/21/20 | 100% CD                          | VIA |
| △   | 09/09/20 | REVISED 100% CD                  | VIA |
| △   | 11/30/20 | REVISED 100% CD                  | VIA |
| △   | 02/11/21 | REVISED 100% CD                  | VIA |
| △   | 03/02/21 | 100% CD REVISED FOR ALL COMMENTS | VIA |

PLANS PREPARED BY



**Synergy**  
CONVOLUTION ENGINEERING

4015 Waverley Ave. #201, San Mateo, CA 94403  
Tel: 650.593.7200 Fax: 650.593.7201  
www.synergyeng.com

CONTRACT NO.



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CONVOLUTION ENGINEERING

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DRAWN BY

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CHECK

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REGISTERED PROFESSIONAL ENGINEER  
No. 51416  
Exp. 12/31/2021  
CIVIL

SHEET TITLE

**GENERAL NOTES**

SHEET NUMBER

**T-2**

REVISION

**H**

PROJECT INFORMATION

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## PAINTING SPECIFICATIONS

| PAINTING SCOPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | COATING SYSTEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PAINT | DO NOT PAINT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|
| SURFACE TO BE PAINTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | EXIST. UNIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |              |
| <p><b>A. GENERAL</b></p> <ol style="list-style-type: none"> <li>ALL PAINT PRODUCT LINE SHALL BE SHERWIN WILLIAMS UNLESS SPECIFICALLY NOTED OTHERWISE.</li> <li>CONTRACTOR SHALL PREPARE ALL SURFACES AND APPLY ALL FINISHES PER LATEST EDITION OF MANUFACTURER'S SPECIFICATIONS</li> <li>COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS REGARDING SUFFICIENT DRYING THE BETWEEN COATS WITH PROVISIONS AS RECOMMENDED BY MANUFACTURER FOR EXISTING WATER CONDITIONS OTHERWISE NOTED</li> <li>FINISH COLOR AND TEXTURE OF ALL PAINTED SURFACES SHALL MATCH ADJACENT SURFACES UNLESS OTHERWISE NOTED</li> <li>ALL PAINT MATERIAL DATA SHEET SHALL BE PROVIDED TO THE T-MOBILE WIRELESS CONSTRUCTION MANAGER</li> <li>PREPARE PROPOSED PAINTED SURFACES BY LIGHT SANDING WITH 60 GRIT SANDPAPER AND NON-HYDROCARBON WAX (PREPARE CAR WASHED SURFACES BY AGENT 60 GR SOLVENT CLEANING IN ACCORDANCE WITH SSPC-Sp1)</li> <li>FURNISH DROP CLOTHES, SHIELDS, MASKING AND PROTECTIVE TAPPOLETS TO PREVENT SPRAY OR DROPPING FROM DAMAGING ADJACENT SURFACES AND FACILITIES.</li> <li>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</li> <li>APPLY BLOCK FILTER TO CONCRETE BLOCK CONSTRUCTION AT A RATE TO ENSURE COMPLETE COVERAGE WITH FORCES CORRECT FILLED</li> <li>CONTRACTOR SHALL CORRECT RAINS, SACS, MISSES AND OTHER DEFECTS INCLUDING IMMEDIATE REPAIRS AS DIRECTED BY THE T-MOBILE WIRELESS CONSTRUCTION MANAGER. REPAIRS AS NECESSARY COVERAGE ON SURFACES WHICH ARE SMOOTH, EVENLY COATED WITH UNIFORM SHEEN AND FREE FROM BLENDS</li> </ol> <p><b>B. PAINTING SCOPE</b></p> <ol style="list-style-type: none"> <li>PAINT THE FOLLOWING MATERIALS AND SYSTEMS CHECKED BELOW WITH THE COATING SYSTEM INDICATED</li> </ol> |  | <p>ALL EQUIPMENT &amp; COMPONENTS OTHER THAN THE BUS UNIT</p> <p>ANTENNA COVERS, TIE BRACKETS, MOUNTING BRACKETS AND ASSOCIATED HARDWARE, CABLE AND CABLE COVERS EXPOSED TO WEAR EXPOSED CONDUIT AND PIPING, ETC</p> <p>FISHING UTILITY METAL TWIN AND OTHER METAL SURFACES</p> <p>STUCCO, CONCRETE BLOCK AND CONVENTIONAL TYPE FINISH SYSTEMS</p> <p>PLYWOOD, LUMBER AND WOOD TRIM INCLUDING THE BACK SIDE OF ALL ALUMINUM TRAILERS</p> <p>CONCRETE POLES</p> <p>METAL POLES AND METAL PILE SHIELD-GIRT</p> |       |              |

## PAINTING SPECIFICATIONS

© ANTIVAND

PRIMER - KEM AQUA EBI-8525  
TOPCOAT - CROTHANE B63W200/B60V2

CONCRETE JUMPER CABLES  
PRIMER - AS REQUIRED FOR ADHESION. APPLY ONE (1) COAT OF KEM AQUA WATER REDUCIBLE  
PRIMER (K1425) TO ALL JOINTS AND SURFACES TO BE ADHESED TO.  
(TOPCOAT - TWO (2) COATS CROTHANE B POLYURETHANE B63W200/B60V2

BAR STEEL  
(TOPCOAT - KEM BOND HS B52W4, DM1 ACRYLIC PRIMER  
PRIMER - TWO (2) COATS CROTHANE B POLYURETHANE B63W200/B60V2

GRAVIMETER METER  
D1M PRIMER/FINISH

STAINLESS STEEL  
PRIMER - D1M WASH PRIMER, B71Y1  
TOPCOAT - TWO (2) COATS CROTHANE B POLYURETHANE B63W200/B60V2

PURCH-PRIMED STEEL  
TOUCH UP ANY RUST OR UN-PRIMED STEEL WITH KEM BOND HS, 352W4

ALUMINUM AND COPPER  
PRIMER - D1M WASH PRIMER, B71Y1  
TOPCOAT - TWO (2) COATS CROTHANE B POLYURETHANE B63W200/B60V2

CONCRETE MASONRY  
PRIMER - PRD MAR EXTERIOR BLOCK TALLER  
TOPCOAT - TWO (2) COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH

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

STUCCO  
PRIMER - PRD MAR MASONRY CONDITIONER B-46-W21000  
TOPCOAT - SUPERPAINT A-84 SERIES A-B6 SATIN A-84 GLOSS

WOOD  
PRIMER - A-100 EXTERIOR ALLOY WOOD PRIMER - 2-KNOX  
TOPCOAT - TWO (2) COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH ADJACENT SURFACES

FIELD CLOTS/DAMAGE (PRIOR TO PRIME & PAINT)  
FIRST & SECOND COAT - CUPRINOX CLEAR WOOD PRESERVATIVE #158-0356 ALL PENETRATIONS INTO  
FINISHED CLOT-JOBS SHALL BE FILLED WITH SUREX SEALANT

STEEL TOUCH-UP  
AS REQUIRED FOR ADHESION. APPLY ONE (1) COAT OF KEM AQUA WATER REDUCIBLE  
PRIMER (K1425) TO ALL JOINTS AND SURFACES TO BE ADHESED TO.

GRAVIMETER PAIN  
CUT OR SCRATCHED IN THE FIELD SHALL BE TOUCHED UP WITH GOLD

2 100% ACRYLIC LATEX COATING EQUIVALENT TO A-100 (SERIES A-62) BY SHERWIN WILLIAMS CO  
DFT PER COAT APPLIED IN TWO (2) COATS OVER SPECTLED PRIMER PAINT & PRIMER

## PAINTING SPECIFICATIONS

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|  |  |
|--|--|
|  |  |
|--|--|



1 ALL CONSTRUCTION AND SPECIFICATIONS SHALL CONFORM TO THE DRAWINGS  
2 AND CSE-2019 REQUIREMENTS

3 THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS  
4 AT THE JOB SITE AND SHALL BE RESPONSIBLE FOR COORDINATING THE  
5 WORK OF ALL TRADES AND CONDITIONS OF ALL WORK AND MATERIALS  
6 WORKING FURNISHED BY SUBCONTRACTORS. ANY DISCREPANCIES  
7 SHOULD BE NOTED IMMEDIATELY AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE  
8 WORK

9 STRUCTURAL DRAWINGS SHALL WORK IN CONJUNCTION WITH ARCHITECTURAL,  
10 MECHANICAL, AND ELECTRICAL DRAWINGS

4. DESIGN, MATERIALS, EQUIPMENT AND PRODUCTS OTHER THAN THOSE REQUIRED OR INDICATED ON THE DRAWINGS MAY BE CONSIDERED FOR USE PROVIDED THEIR APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.
5. ALL CONDUCTIONS SHALL BE NOTED AS EXISTING ARE BASED ON THE BEST AVAILABLE INFORMATION. THE PREPARATION OF THESE DRAWINGS DOES NOT IMPLY ANY WARRANTY AS TO THE ACCURACY OF THESE DRAWINGS OR ANY INFORMATION THEREON. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS. SHOULD CONDITIONS BECOME APPARENT THAT THE EXISTING CONDITIONS DO NOT CORRESPOND TO THE INFORMATION PROVIDED BY THE ENGINEER, THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. HE 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. SOURCES, FASTENERS, AND OTHER ELEMENTS PROVIDING STABILITY FOR THE EQUIPMENT SHALL BE SHOWN AND SPECIFIED. THE EQUIPMENT SHALL BE REQUIRED LOADS, BUT IN NO EVENT, LESS THAN A SHARF LOAD EQUIVALENT TO 0.45 TIMES THE OPERATING WEIGHT OF THE EQUIPMENT.
7. WATERPROOFING - SEE ARCHITECTURAL DRAWINGS
8. THE FOUNDATION DESIGN IS BASED ON SBC-2019, TABLE 106-2.2. ALLOWABLE SOIL BEARING VALUE IS 1500
9. THE NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER ANY CONFLICTING DETAILS AND TYPICAL DETAILS.
10. TYPICAL DETAILS MAY NOT BE NECESSARY BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE.

ALL POURED-IN-PLACE CONCRETE SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED. CEMENT TO BE TYPE-B FROM TESTED STOCK PER ASTM C-150

12. THE CONCRETE FORM TOLERANCES SHALL BE WITHIN THE STANDARDS SET BY THE AMERICAN CONCRETE INSTITUTE.
13. ALL REINFORCING STEEL, ANCHOR BOLTS, COUPLERS OR OTHER INSERTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REINFORCING STEEL DEPARTMENT INSPECTOR PRIOR TO THE POURING OF ANY CONCRETE.
14. NO PIPES OR DUCTS SHALL BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATIONS.
15. FORM UNEXPOSED CORNERS OF COLLARS, BEAMS, WALLS, ETC. WITH 3/4" CHAMFERS UNLESS DETAILED OTHERWISE.
16. PROVIDE LIGHT BROOM FINISH ON ALL EXPOSED CONCRETE UNLESS NOTED OTHERWISE.

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 DRESSED IN CONCRETE SHALL BE SHOP PAINTED WITH THICKENED MILK. PAINTED OR PROTECTED EQUIPMENT
3. UNLESS NOTED OTHERWISE, ALL BOLTS SHALL BE ASTM A307 THIS SHALL BE THE MINIMUM REQUIREMENT. UNLESS NOTED OTHERWISE, ON THE DRAWINGS
4. UNLESS NOTED OTHERWISE, ALL WELDS PER THE LATEST EDITIONS OF THE AWS STANDARDS SHALL CONFORM TO ASQC SPECIFICATIONS. WELDING SHALL BE PERFORMED BY WELDERS HOLDING WELD CERTIFICATES AND HAVING BEEN TRAINED IN ACCORDANCE WITH THE ASQC SPECIFICATIONS. UNLESS NOTED OTHERWISE, ON THE DRAWINGS
5. UNLESS NOTED OTHERWISE, ALL WELDS PER THE LATEST EDITIONS OF THE AWS STANDARDS SHALL CONFORM TO ASQC SPECIFICATIONS. WELDING SHALL BE PERFORMED BY WELDERS HOLDING WELD CERTIFICATES AND HAVING BEEN TRAINED IN ACCORDANCE WITH THE ASQC SPECIFICATIONS. UNLESS NOTED OTHERWISE, ON THE DRAWINGS
6. 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" FILLER METAL. THE MAXIMUM SIZE OF THE WELD SHALL BE 1/4". CONTRACTOR SHALL RESTORE CORROSION BARRIER WITH AN APPROVED PAINT IN ACCORDANCE WITH MS 728-197 AND PINT 1028

ALL POST-INSTALLED ANCHORS SHALL BE PER SIMPSON OR HILTI  
MANUFACTURING AS INDICATED ON THE PLANS.

- MECHANICAL ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING APPROVAL CODES
- FOR HULI KVM BOLT T2 ANCHORS INSTALLATION SHALL COMPLY WITH  
ICC-ES ESR-1195 AND LARR 257601 FOR ANCHORAGE TO MASONRY  
FOR HULI KVM BOLT ANCHORS INSTALLATION SHALL COMPLY WITH  
ICC-ES ESR-1917 AND LARR 257601 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 CC-ES ESR-2508 AND LARR 25744 FOR ANCHORAGE TO CONCRETE. IAWO UES-ER-205 AND LARR 25565 FOR ANCHORAGE TO MASONRY.

FOR HITI HIT-XP 200 EPOXY ANCHORS, INSTALLATION SHALL BE IN ACCORDANCE WITH CC ESR-3187 AND LARR 25564 FOR ANCHORAGE TO CONCRETE.

- 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.

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 | INSPECTION TYPE | REFERENCE STANDARD |
|-----------------------------|-----------------|--------------------|
|                             | CONTINUOUS      | PERIODIC           |
| SHELL CONSTRUCTION          |                 |                    |

WELDING  
AT FLOOR AND ROOF  
DECK WELDS

AWS D1.3

- |                                                                   |      |                    |
|-------------------------------------------------------------------|------|--------------------|
|                                                                   | AISC | 360-16.2014        |
| HIGH STRENGTH BOLTING<br>NCSC                                     | X    |                    |
| CONCRETE CONSTRUCTION<br>REFORCED STEEL<br>POST-INSTALLED ANCHORS |      | ACI 318<br>ACI 319 |
| USE OF REQUIRED DESIGN MAY                                        |      | AS 3100            |

REINFORCING STEEL  
CONCRETE PLACEMENT

- CLEANOUTS PRIOR TO CLOSURE
- 
- POST-INSTALLED ANCHORS

- THE SPECIAL INSPECTOR SHALL RESERVE THE RIGHT/RIGHTS TO DETERMINE AND CERTIFY THAT IT CONFORMS TO THE APPROVED DESIGN, DRAWINGS AND SPECIFICATIONS. THE SPECIAL INSPECTOR IS NOT AUTHORIZED TO APPROVE OR DISAPPROVE ANY CONSTRUCTION. ANY UNAUTHORIZED APPROVALS OR REVISIONS MUST BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO PROCEEDING WITH THE WORK. ALL REQUESTS FOR REVISIONS SHALL BE SUBMITTED BY THE CONTRACTOR VIA A WRITTEN REQUEST FOR INFORMATION.
- THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE ENGINEER OF RECORD. THE SPECIAL INSPECTOR SHALL BE AVAILABLE TO THE ENGINEER OF RECORD AND SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. WHEN IT IS DETERMINED THAT THE SPECIAL INSPECTOR HAS CORRECTED THEM.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SPECIAL INSPECTOR ACCESS TO ALL AREAS OF THE PROJECT. THE SPECIAL INSPECTOR SHALL BE AUTHORIZED TO OPERATE CONTRACTOR'S EQUIPMENT.
- FOR ADDITIONAL INFORMATION ON SPECIAL STATUTORY INSPECTIONS, CONTACT THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION.

## NOTES:

- 1 TOP BARS ARE ANY HORIZONTAL BARS PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BEFORE THE REINFORCEMENT.
- 2 LAP SPICES SHALL BE CLASS "B" TENSION LAP SPICES PER LATEST EDITION OF ACI 318
- 3 UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS OR SCHEDULES
- 4 CONTRACT STRUCTURAL ENGINEER IF CLEAR GAPING OF REINFORCEMENT IS LESS THAN OR EQUAL TO 2" (50.8 MILLIMETERS) LOCAL; IF A CLEAR GAPING IS LESS THAN THE GAP DIMENSIONED.
- 5 THIS TABLE IS BASED ON NORMAL WEIGHT CONCRETE.
- 6 FOR ADDITIONAL INFORMATION, SEE A.C.I. 318, PART 5, REINFORCEMENT DETAILS.

TABLE 3. HAZARD ON WORKING WITH CONCRETE (continued)

[illegible]

| REBAR<br>SIZE<br>(METRIC) | SFEEL AT CENTER OF WALL |         |          | SFEEL AT FACE OF WALL<br>(A BOND WALL) |         |          |
|---------------------------|-------------------------|---------|----------|----------------------------------------|---------|----------|
|                           | 6" WALL                 | 8" WALL | 12" WALL | 6" WALL                                | 8" WALL | 12" WALL |
| #4 (10)                   | 17°                     | 17°     | 17°      | 21°                                    | 21°     | 21°      |
| #6 (16)                   | 26°                     | 26°     | 26°      | 32°                                    | 32°     | 32°      |
| #8 (20)                   | 40°                     | 37°     | 34°      | 50°                                    | 50°     | 50°      |
| #10 (25)                  | 60°                     | N/A     | 58°      | 100°                                   | 100°    | 100°     |
| #12 (32)                  | N/A                     | N/A     | 80°      | N/A                                    | N/A     | 115°     |
| #16 (40)                  | N/A                     | N/A     | 115°     | N/A                                    | N/A     | 180°     |

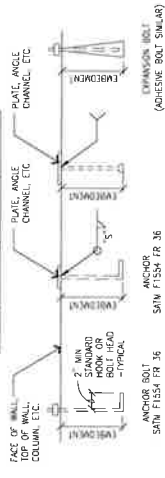


1. LAPS APPLY TO BOTH VERTICAL AND HORIZONTAL REINFORCING.
2. PROVIDE BENT BARS TO MATCH HORIZONTAL BOND BEAM REINFORCING AT CORNERS AND WALL INTERSECTION TO MAINTAIN BOND BEAM CONTINUITY.
3. DO NOT SPLICE HORIZONTAL BARS WITHIN 8" OF CONTROL JOINTS.
4. FOR LADDER TYPE HORIZONTAL REINFORCING, SEE G.S.N.
5. LAP LENGTHS HAVE BEEN CALCULATED FOR BOTH WORKING STRESS AND ULTIMATE STRENGTH DESIGN. MINIMUM CASE VALUES HAVE BEEN USED.

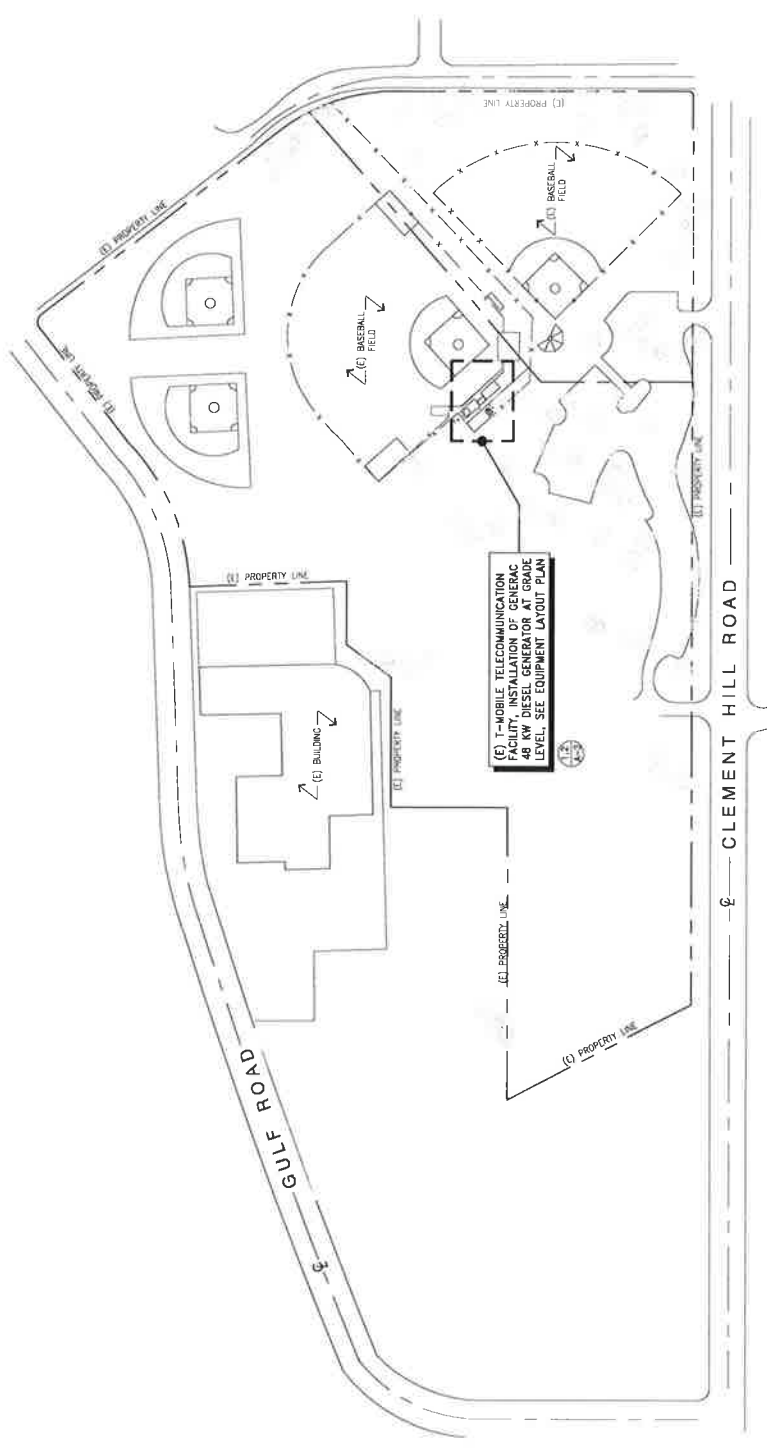
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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

- [illegible]

[illegible]

NOTE: DRAWINGS HAVE BEEN CREATED BY INFORMATION GATHERED FROM FIELD SURVEY. DIMENSIONS MAY VARY FROM ACTUAL DIMENSIONS. VERIFY IN FIELD ALL DIMENSIONS, LENGTHS, PROPERTY LINES AND CONDUIT ROUTE.



OVERALL SITE PLAN

STICK TOGETHER  
1800 GARDEN ROAD, SUITE 900  
CONCORD, CA 94529

PROJECT INFORMATION:  
(HARDENING NATIONAL - 48KW DIESEL)

SF70430M  
SF0430 DOVER ROAD  
1000 GARDEN ROAD  
FARFIELD, CA 94533  
SOLANO COUNTY

DESIGNED FOR: 03/02/21

CONSTRUCTION

| REV | DATE     | DESCRIPTION                      | BY  |
|-----|----------|----------------------------------|-----|
| 1   | 03/24/20 | SCE CD, ISSUED FOR REVIEW        | VJA |
| 2   | 03/26/20 | REVISED CD                       | VJA |
| 3   | 04/24/20 | REVISED CD                       | VJA |
| 4   | 06/21/20 | 100% CD                          | VJA |
| 5   | 09/09/20 | REVISED 100% CD                  | VJA |
| 6   | 11/30/20 | REVISED 100% CD                  | VJA |
| 7   | 02/11/21 | REVISED 100% CD                  | VJA |
| 8   | 03/02/21 | 100% CD REVISED PER ALL COMMENTS | VJA |

PLANS PREPARED BY:

CONSULTANT:  
Synergy Engineering Inc.  
1000 Broadway Ave. 4th Fl. San Diego, CA 92108  
Phone: 619.594.5500 Fax: 619.594.5700

CONVOLUTION ENGINEERING  
1000 Broadway Ave. 4th Fl. San Diego, CA 92108  
Phone: 619.594.5500 Fax: 619.594.5700

DRAWN BY: VJA  
CHECKED BY: VJA  
SYNERGY  
APV

SHEET TITLE: OVERALL SITE PLAN

SHEET NUMBER: A-1  
REVISION: H  
SF70430M

1830 CALIFORNIA BLVD. SUITE 500  
CONCORD, CA 94520

PROJECT INFORMATION:

[HARDENING NATIONAL - 480W DIESEL-1]

SF70430M  
SF0430 DOVER ROAD  
1000 CEDAR HILL RD  
FAIRFAX, CA 94533  
SUNCO COUNTY

CURRENT ISSUE DATE:

03/02/21

ISSUED FOR:

CONSTRUCTION

| REV | DATE     | DESCRIPTION                      | BY  |
|-----|----------|----------------------------------|-----|
| A   | 03/24/20 | SQ. CD. ISSUED FOR REVIEW        | VJA |
| A   | 03/28/20 | REVISED CD                       | VJA |
| A   | 05/14/20 | REVISED CD                       | VJA |
| A   | 08/21/20 | 100% CD                          | VJA |
| A   | 09/09/20 | REVISED 100% CD                  | VJA |
| A   | 11/30/20 | REVISED 100% CD                  | VJA |
| A   | 02/11/21 | REVISED 100% CD                  | VJA |
| A   | 03/02/21 | 100% CD REVISED FOR ALL COMMENTS | VJA |

SYNERGY

CONSTRUCTION MANAGEMENT

6435 VANDERBILT AVE. 4011 VAN NUYS, CA 91410  
Office: 818.545.0044 Fax: 818.545.0704

SYNERGY

CONSTRUCTION MANAGEMENT

6435 VANDERBILT AVE. 4011 VAN NUYS, CA 91410  
Office: 818.545.0044 Fax: 818.545.0704

DESIGNED BY: VJA

CHECKED BY: VJA

DATE: 03/02/21

SCALE: AS SHOWN

SHEET TITLE:

EQUIPMENT LAYOUT PLAN

SHEET NUMBER:

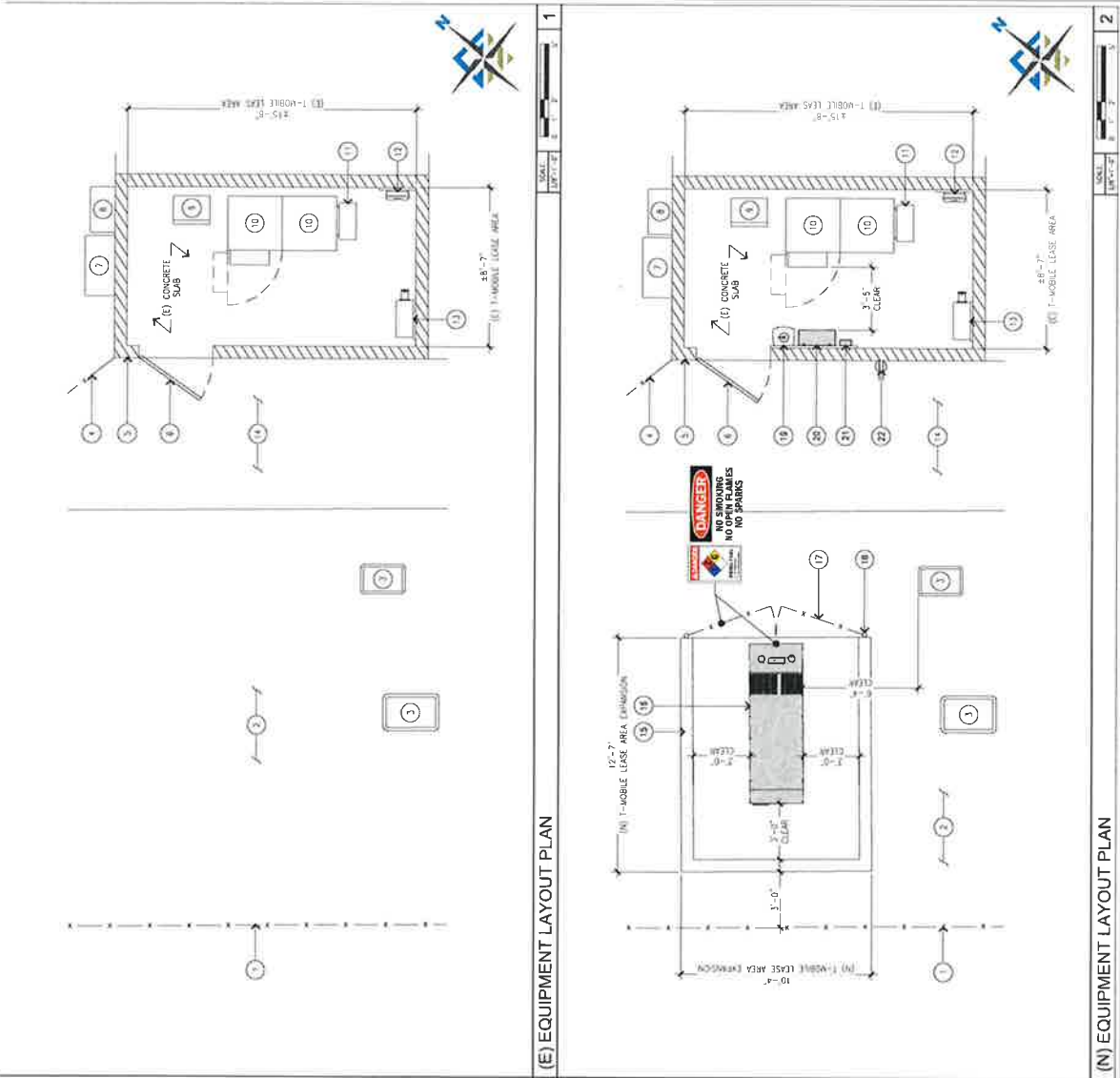
A-2

REVISION:

H

STATION:

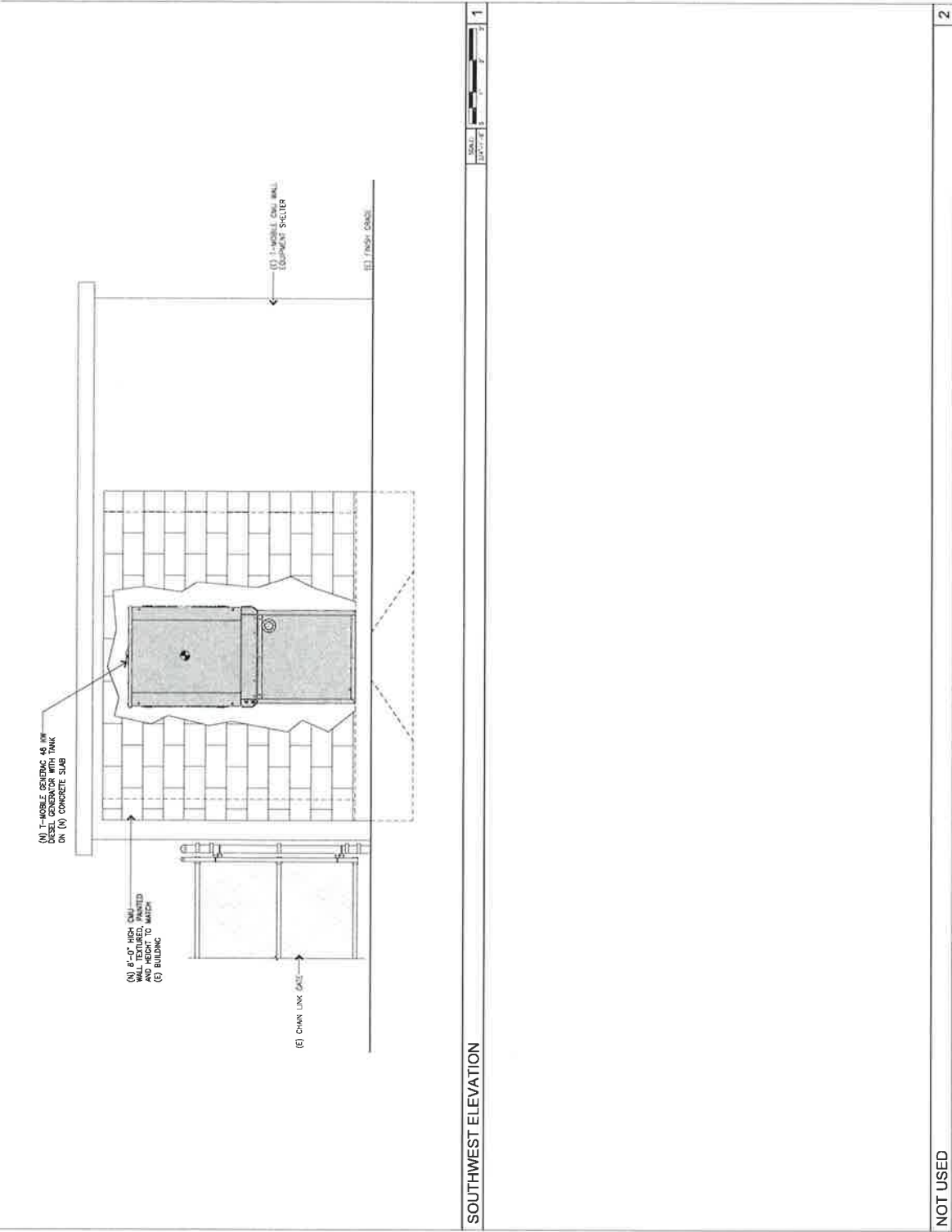
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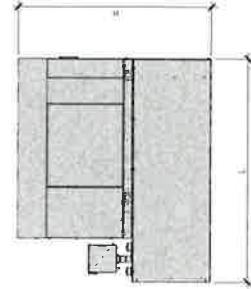
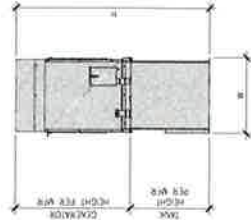
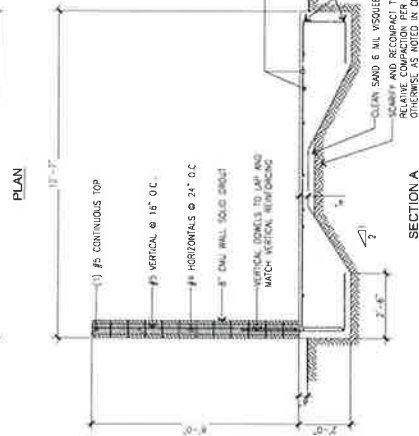


- KEYNOTES:

  - (1) CHAIN LINK FENCE
  - (2) DRIVE AREA
  - (3) PULL BOX, TYP. OF (2)
  - (4) CHAIN LINK GATE
  - (5) T-MOBILE CHAIN LINK EQUIPMENT SHELTER
  - (6) 24'-0" WIDE ACCESS DOOR
  - (7) HMC UNIT
  - (8) T-MOBILE CABLE SHROUD
  - (9) T-MOBILE RBS 6501 EQUIPMENT CABINET
  - (10) T-MOBILE BATTERY CABINET, TYP. OF (2)
  - (11) T-MOBILE FELD BOX
  - (12) T-MOBILE FIBER OPTIC WITH UAN BELOW
  - (13) T-MOBILE PPC
  - (14) CONCRETE WALKWAY
  - (15) 8'-0" HIGH CHAIN LINK WALL TEXTURED, PAINTED AND HEIGHT TO MATCH (E) BUILDING
  - (16) T-MOBILE GENERATOR AS PER DIESEL, GENERATOR WITH TANK ON (N) CONCRETE SLAB & (N) CHAIN WALL
  - (17) 8'-0" WIDE DOUBLE ENDING CHAIN LINK ACCESS GATE WITH FRAMED GATE, GATE TO MATCH EXISTING BUILDING
  - (18) (N) STEEL POST, TYP. OF (2)
  - (19) PORTABLE FIRE EXTINGUISHER WITH 18 LBS CAPACITY B.C. RATING INSTALLED INSIDE APPROVED RED CORNER ON (N) H-FRAME
  - (20) T-MOBILE AITS ON (N) H-FRAME
  - (21) T-MOBILE DISCONNECT SWITCH ON (N) H-FRAME
  - (22) T-MOBILE ELECTRICAL OUTLET WITH WEATHERPROOF COVER
- FIELD DEPARTMENT NOTES:

  - 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.



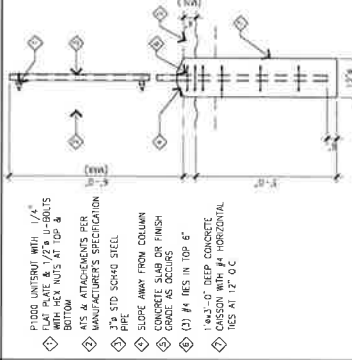


| MECHANICAL SPECIFICATIONS |                               |
|---------------------------|-------------------------------|
| DIMENSIONS                | MM (IN)                       |
| STAND HEIGHT AT 21 IN     | 65 (A)                        |
| ELECTRICAL SPECIFICATIONS |                               |
| INPUT VOLTAGE             | 115 VAC                       |
| POWER CONSUMPTION AT IDLE | 50 WATT                       |
| BATTERY SIZE              | CR2032                        |
| BATTERY VOLTAGE           | 3 VDC                         |
| COOLING FAN               | NEGATIVE                      |
| OPERATION DATA            |                               |
| POWER RATINGS             | °C (°F)                       |
| SINGLE-PHASE              | 10/17/24 VAC @ 50 CYCLES      |
| THREE-PHASE               | 10/17/24 VAC @ 60 CYCLES      |
| ENVIRONMENTAL             |                               |
| OPERATING TEMPERATURE     | 0°C TO 40°C (32°F TO 104°F)   |
| STORAGE TEMPERATURE       | -20°C TO 60°C (-4°F TO 140°F) |
| RELATIVE HUMIDITY         | 5% TO 95%                     |
| SHOCK                     | 100 G, 10 MS                  |
| VIBRATION                 | 10/17/24 HZ, 1.5 G RMS        |
| ACoustic SIGNAL           | 10/17/24 HZ, 1.5 G RMS        |

## CMU AND SLAB DETAIL

- | DESIGN CRITERIA:              |           |              |                           |
|-------------------------------|-----------|--------------|---------------------------|
| BIOS DESIGN DATA              |           |              |                           |
| ULTIMATE WIND VELOCITY        | =         | 110 MPH      |                           |
| EXPOSURE                      | =         | C            |                           |
| INTERNAL PRESSURE COEFFICIENT | =         | 0.78         |                           |
| EXTERNAL PRESSURE COEFFICIENT | =         | 0.78         |                           |
| SITE CLASS                    | =         | 0            |                           |
| WIND CATEGORY                 | =         | 1            |                           |
| SEISMIC IMPORTANCE FACTOR (I) | =         | 1.0          |                           |
| WANTED SPECTRAL RESPONSES     | $S = 1.8$ | $S_D = 0.44$ | $S_0 = 1.75$              |
| SEISMIC DESIGN CATEGORY       | =         | 3            |                           |
| RESPONSE MODIFICATION (R)     | =         | 2.5          |                           |
| ANALYSIS PERIOD (s)           | =         | 1.8          |                           |
| ANALYSIS PROCEDURE            | =         |              | EQUILIBRIUM LATERAL FORCE |

## GENERAC RD048 GENERATOR 48kW - DIESEL



NOTES

1. BOLTS CAN BE INSTALLED 2 DAYS AFTER POURING CONCRETE PROVIDED THE KWIK BOLTS ARE ONLY TIGHTENED TO A SNUG TIGHT CONDITION
2. APPLY MILTI MIX-RE 500-50 EPOXY TO ALL CAPS TO PREVENT WATER/MOISTURE BUILD UP

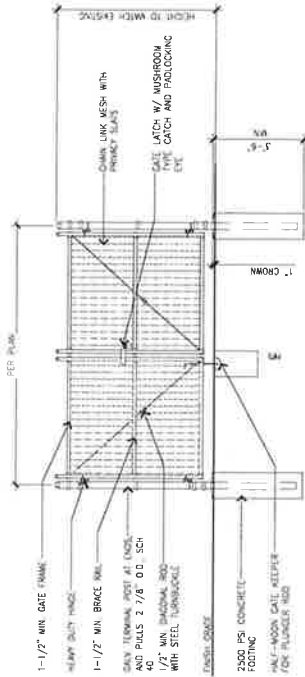
## NOT USED

CH FRAME DETAIL

## EQUIPMENT AND MATERIALS

|   |  |
|---|--|
| 2 |  |
|---|--|

|                                                                                                                                                                                                                   |                                                                                                                                                                           |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <br><b>T-Mobile</b><br>Stick Together™                                                                                             | 1000 CALHOUN BLVD. SUITE 601<br>CONCORD, CA 94530                                                                                                                         |                                      |
|                                                                                                                                                                                                                   | PROJECT INFORMATION<br><b>(HARDENING NATIONAL - 48KW DIESEL)</b><br><b>SF70430M</b><br><b>SF0430 DOVER ROAD</b><br>1000 CALHOUN BLVD<br>CONCORD, CA 94530<br>PLANS COUNTY |                                      |
| CURRENT ISSUE DATE: <b>03/02/21</b>                                                                                                                                                                               |                                                                                                                                                                           |                                      |
| RESULTS FOR: <b>CONSTRUCTION</b>                                                                                                                                                                                  |                                                                                                                                                                           |                                      |
| REV.                                                                                                                                                                                                              | DATE                                                                                                                                                                      | DESCRIPTION                          |
| A                                                                                                                                                                                                                 | 03/24/20                                                                                                                                                                  | 50% CD, 50% CD FOR REVIEW            |
| A                                                                                                                                                                                                                 | 03/28/20                                                                                                                                                                  | REVISED CD                           |
| A                                                                                                                                                                                                                 | 04/24/20                                                                                                                                                                  | REVISED CD                           |
| A                                                                                                                                                                                                                 | 08/21/20                                                                                                                                                                  | 100% CD                              |
| A                                                                                                                                                                                                                 | 09/09/20                                                                                                                                                                  | REVISED 100% CD                      |
| A                                                                                                                                                                                                                 | 11/30/20                                                                                                                                                                  | REVISED 100% CD                      |
| A                                                                                                                                                                                                                 | 02/11/21                                                                                                                                                                  | REVISED 100% CD                      |
| A                                                                                                                                                                                                                 | 03/02/21                                                                                                                                                                  | 100% CD RE-DESIGNED PER ALL COMMENTS |
| PLANS PREPARED BY:  <b>Synergy</b><br>10000 Valley Blvd., Suite 200, Van Nuys, CA 91411<br>Phone: 818.708.6666 Fax: 818.708.6556 |                                                                                                                                                                           |                                      |
| CONSULTANT:  <b>Synergy</b><br>10000 Valley Blvd., Suite 200, Van Nuys, CA 91411<br>Phone: 818.708.6666 Fax: 818.708.6556        |                                                                                                                                                                           |                                      |
| DRAWN BY                                                                                                                                                                                                          | CHK                                                                                                                                                                       | APP                                  |
| VIA                                                                                                                                                                                                               | SYNERGY                                                                                                                                                                   | AB                                   |
| LICENSE:                                                                                                                         |                                                                                                                                                                           |                                      |
| SHEET TITLE: <b>SPECIFICATIONS AND DETAILS</b>                                                                                                                                                                    |                                                                                                                                                                           |                                      |
| SHEET NUMBER: <b>D-1</b>                                                                                                                                                                                          |                                                                                                                                                                           | REVISION: <b>H</b>                   |
|                                                                                                                                                                                                                   |                                                                                                                                                                           | SFW303W                              |

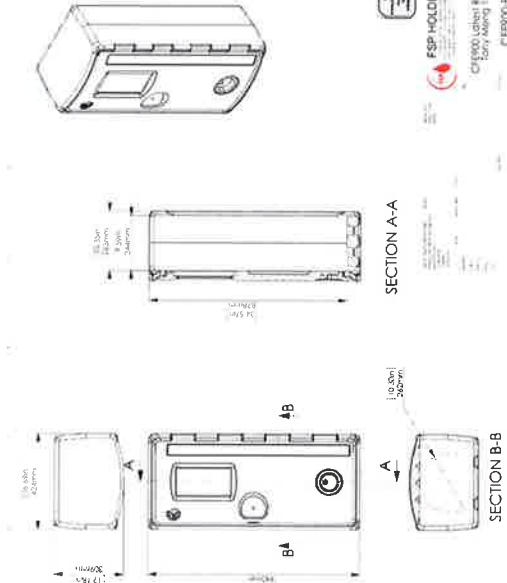


NOTES

- ALL STEEL AND/OR VALUABLE NON-PARTS, ACCESSORIES, AND ATTACHMENTS SHALL BE HOT-DIP GALVANIZED TO MEET REQUIREMENTS.
- GATE LOCKS MUST BE ACCESSIBLE FROM INSIDE OF FENCE PER FIRE AND SAFETY REQUIREMENTS.

DOUBLE SWING CHAIN LINK ACCESS GATE

| NO. | DATE     |
|-----|----------|
| 1   | 11/21/17 |



SECTION A-A

SECTION B-B

NOT USED

3 FIRE EXTINGUISHER CABINET SPECIFICATION

2

Stick Together!

1800 456-7890

1800 456-7890

1800 456-7890

PROJECT INFORMATION

PROJECT NAME: SF70430M

PROJECT ADDRESS: 1000 COUNTY HILL RD, FARMERSVILLE, CA 95333

EQUIPMENT ISSUE DATE: 03/02/21

ISSUED FOR: CONSTRUCTION

| REV | DATE     | DESCRIPTION | BY  |
|-----|----------|-------------|-----|
| 1   | 03/24/20 | REVISED CD  | VIA |
| 2   | 03/25/20 | REVISED CD  | VIA |
| 3   | 04/24/20 | REVISED CD  | VIA |
| 4   | 08/21/20 | REVISED CD  | VIA |
| 5   | 09/09/20 | REVISED CD  | VIA |
| 6   | 11/20/20 | REVISED CD  | VIA |
| 7   | 02/11/21 | REVISED CD  | VIA |
| 8   | 03/02/21 | REVISED CD  | VIA |

PLANS PREPARED BY: Synergy

CONSULTANT: Synergy

241 Woodley Ave. 4201 Van Ness, CA 94109

Office: 415 441 0808 Fax: 415 441 0700

SYNERGY

SYNERGY

SYNERGY

SHEET TITLE: SPECIFICATION AND DETAILS

SHEET NUMBER: D-2

REVISION: H

RD048 | 3-1 | 48kW  
INDUSTRIAL DIESEL GENERATOR SET

GENERAC INDUSTRIAL

Make Your Own  
Own 48 kW

Standard Power Rating  
48 kW, 60 Hz

**POWERING AHEAD**  
At 48 kW, the Generac 48 kW generator is the most powerful generator in the world. It's the only generator in the world that can power a 48 kW load. It's the only generator in the world that can power a 48 kW load. It's the only generator in the world that can power a 48 kW load.

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