Cell Site Name: GRAND RAPIDS DT

Fixed Asset No.: 10125043 Market: ND / SD / NE / MN / IA Address: 936 Northwest 6th Street

THIRD AMENDMENT TO LEASE FOR COMMUNICATIONS FACILITY AND LIMITED USE OF WATER TOWER

THIS THIRD AMENDMENT TO LEASE FOR COMMUNICATIONS FACILITY AND LIMITED USE OF WATER TOWER ("Third Amendment"), dated as of the latter of the signature dates below (the "Effective Date"), is by and between:

Grand Rapids Public Utilities Commission, and State of Minnesota
500 Southeast 4th Street
Grand Rapids, MN 55744
(hereinafter referred to as "GRPUC")

New Cingular Wireless PCS, LLC, a Delaware limited liability company 1025 Lenox Park Blvd NE, 3rd Floor, Atlanta, GA 30319 (hereinafter referred to as "Lessee").

WHEREAS, GRPUC (or its respective predecessor-in-interest) and Lessee (or its respective predecessor-in-interest) entered into a Lease for Communications Facility and Limited Use of Water Tower dated November 10, 2004, as amended by First Amendment to Lease for Communications Facility and Limited Use of Water Tower dated August 26, 2010, and as again amended by a Second Amendment to Lease for Communications Facility and Limited Use of Work Tower dated November 18, 2013 (hereinafter, collectively, the "Agreement"), whereby GRPUC leased to Lessee certain site ("Site"), therein described, that are a portion of the property ("Property") located at 936 Northwest 6th Avenue, Grand Rapids, MN; and

WHEREAS, GRPUC and Lessee desire to amend the Agreement to increase the size of the Premises leased to Lessee to accommodate Lessee's desire to install a generator upon the Premises; and

WHEREAS, GRPUC and Lessee desire to amend the Agreement to adjust the Rent (as defined below) in conjunction with the modifications to the Agreement contained herein and to provide an option to extend the Lease Term; and

WHEREAS, GRPUC and Lessee desire to amend the Agreement to modify the notice section thereof; and

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, GRPUC and Lessee agree that the recitals set forth above are incorporated herein as if set forth in their entirety and further agree as follows:

1. <u>Lease of Premises</u>. Lessor agrees to increase the size of the Premises leased to Lessee to accommodate Lessee's needs and to permit Lessee to install a generator (the "Generator") upon the Premises, as more completely described on attached **EXHIBIT A-3**. **EXHIBIT**

Cell Site Name: GRAND RAPIDS DT

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Address: 936 Northwest 6th Street

A-3 hereby supplements **EXHIBIT A-2** to the Agreement. Hereafter, the Communications Facility shall be deemed to include the Generator.

- 2. <u>Term.</u> The remaining Term of the Lease will be five (5) years commencing as of December 1, 2019, with one (1) single five (5) year option to renew.
- 3. <u>Rent</u>. Commencing on the first day of the month following the date that Lessee commences construction of the modifications set forth in this Amendment, Rent shall be increased by One thousand four hundred sixty nine and eighty five hundredths Dollars (\$1,469.85) per year, subject to further adjustments as provided in the Agreement.
- 4. Other Terms and Conditions Remain. In the event of any inconsistencies between the Agreement and this Third Amendment, the terms of this Third Amendment shall control. Except as expressly set forth in this Third Amendment, the Agreement otherwise is unmodified and remains in full force and effect. Without limitation to the generality of the foregoing, Lessee affirms that, prior to construction and installation of the Generator, Lessee shall comply with all design and construction approvals, and all governmental approvals, as set forth in the Agreement, including, but not limited to, Section 1 of the November 10, 2004 Lease. Each reference in the Agreement to itself shall be deemed also

Section 12 of the Agreement, Lessee's Notice address, is hereby deleted in its entirety and replaced with the following:

Notices. All notices, requests, and demands hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows.

If to Lessee:

New Cingular Wireless PCS, LLC

Attn: Network Real Estate Administration

Re: Cell Site #: MNL05087; Cell Site Name: Grand Rapids DT (MN)

Fixed Asset #: 10125043

1025 Lenox Park Blvd NE, 3rd Floor

Atlanta, GA 30319-5309

With the required copy of legal notice sent to Tenant at the address above, a copy to the Legal Department:

New Cingular Wireless PCS, LLC AT&T Legal Department – Network

Re: Cell Site #: MNL05087; Cell Site Name: Grand Rapids DT (MN)

Fixed Asset #: 10125043

208 S. Akard Street Dallas, TX 75202-4206

A copy sent to the Legal Department is an administrative step which alone does not constitute legal notice.

- 5. <u>Capitalized Terms</u>. All capitalized terms used but not defined herein shall have the same meanings as defined in the Agreement.
- 6. <u>Memorandum of Agreement</u>. The parties shall execute the Memorandum of Agreement attached hereto as **EXHIBIT B**, which Lessee may elect to record.

[NO MORE TEXT ON THIS PAGE - SIGNATURES TO FOLLOW ON NEXT PAGE]

Cell Site Name: GRAND RAPIDS DT

Fixed Asset No.: 10125043 Market: ND / SD / NE / MN / IA Address: 936 Northwest 6th Street

IN WITNESS WHEREOF, the parties have caused their properly authorized representatives to execute this Third Amendment on the dates set forth below.

	GRPUC: Grand Rapids Public Utilities State of Minnesota	s Commission,
	By	
	Date	, 2022
GRPUC ACKNOWLEDGMENT:		
State of)		
State of) SS: County of)		
I certify that I know or have satisfactory appeared before me, and said person acknown stated that said person was authorized President of Grand Rapids Public Utilities woluntary act of such party for the uses an account of the uses an account of the uses an account of the uses and the contract of the contract of the uses and the use of	nowledged that said person signed ed to execute the instrument and a es Commission, State of Minnesot	this instrument, on cknowledged it as the a, to be the free and
Dated:, 2022		
	(Signature of Notary	
	(Legibly Print or Stamp Name	e of Notary)
Notary Seal]	Notary Public in and for the S	State of
	My appointment expires:	
See additional signature page.]		

Cell Site Name: GRAND RAPIDS DT

Fixed Asset No.: 10125043 Market: ND/SD/NE/MN/IA Address: 936 Northwest 6th Street

[Signature page 4 to Third Amendme Communications Facility and Limite	
	LESSEE New Cingular Wireless PCS, LLC, a Delaware limited liability company
	By: AT&T Mobility Corporation Its: Manager
	ByR
	Print Name: Kristan Knutson Real Estate & Construction Mgr
	Title:
	Date:
LESSEE ACKNOWLEDGMENT:	
State of Minnesotu) (SS: County of Ramsey)	
is the person who appeared before minstrument, on oath stated that said peacknowledged it as the REC Manage New Cingular Wireless PCS, LLC, a	ory evidence that Kriston Knutson e, and said person acknowledged that said person signed this erson was authorized to execute the instrument and of AT&T Mobility Corporation, the Manager of Delaware limited liability company, to be the free and es and purposes mentioned in the instrument.
Dated: The 14, 2022	(Signature of Notary
SHANNON B. LENERS NOTARY PUBLIC MINNESOTA My Commission Expires Jan. 31, 2027	Shanon B. Leners (Legibly Print or Stamp Name of Notary)
[Notary Seal]	Notary Public in and for the State of
	My appointment expires: 1/31/2027

Cell Site Name: GRAND RAPIDS DT

Fixed Asset No.: 10125043 Market: ND / SD / NE / MN / IA Address: 936 Northwest 6th Street

EXHIBIT A-3



GRAND RAPIDS DT

FA#: 10125043 USID: 95022

936 NORTHWEST 6TH STREET

Streams (April 1997) N. Ros (77/77) Sign Code: (47/77) 1997 N. Ros (77/77) Sign Code: (47/77) 1997 N. Ros (77/77) Sign Code: (48/77) Sign Code	AREA MAP	AND ENWINDER AND	EBWOO SHI, AD NALIZASELNESH LOO THEORY CHARLOW SETJILLIN DISINISNG ALTILLIN TWO TONE THE OS THEORY SHOWES NEUTRALINA ALTILLIN TWO TONE SHILL THEORY THREE KOLDMELION DIVIN SINFELM SETJILL THE ARREN OF IN ELECTRICIAN SHIPLING SHILL SHIPLING SHIPLIN	ON ATE T SEEL THE DETITION INTEGRATE EXSTRING ALARM AND RECTIFICAL CONNECTIONS WITH NEW EQUIPMENT, ADD NEW FRACE WITH SMING GATE AFOLVID GOMERATOR TO MATCH EXSTRING FRACE THESE AND COLOR. UTILITY INFORMATION. THE PLANS SHOW SOME KNOWN SUBSLIFECK STRUCTURE. AROUTE GROUND FROM THE PLANS SHOW SOME KNOWN SUBSLIFECK STRUCTURE. AROUTE GROUND FROM THE PLANS SHOW SOME KNOWN SUBSLIFECK STRUCTURE. AROUTE GROUND FROM THE PLANS SHOW SOME KNOWN SUBSLIFECK STRUCTURE. AROUTE GROUND FROM THE PLANS SHOW SOME KNOWN SUBSLIFECK STRUCTURE. AROUTE GROUND FROM THE PLANS SHOW SOME KNOWN SUBSLIFECK STRUCTURE. AROUTE GROUND FROM THE PLANS SHOW SOME KNOWN SUBSLIFECK STRUCTURE. AROUTE GROUND FROM THE PLANS SHOW SOME FROM THE SHOW THE STRUCTURE FROM THE SHOW T	ORK:	PACHTY (WARE): 18-326-7486 APPLICANT: ATST MOBILITY APPLICANT: ATST MOBILITY	GRAND RAPIDS, MIN 95/44 COUNTY: ITASKY FRAND BAPINS BIRLY IT	GOVERANG COOR: IBC & NEC SITE ADDRESS: 936 NORTH-WEST 6TH STREET	SITE INFORMATION	CIOL	
ENGMERE: BOANARY SERVICES INC. BODY 318 NORTH MANN STREET PORTY 318 NORTH MANN STREET BERLERS SERVICES REJ LLEPA ARCH SERVILLE (Y ARCH SERVILLE) ARCH SERVILLE (Y ARC	PROJECT 1E/		CONTRACTOR DATE CONTRACTOR DATE	SITE ACQUISITION DATE	PROPERTY OWNER DATE	GENERAL DYNAMICS CONSTR. MGR DATE	ATET CONSTRUCTION MANAGER DATE		APPROVALS	GENERATO	GRAND RAPIDS,
NW 10th Ave NW 8th Ave NW 6th Ave NW 6th Ave NW 4th Ave NW 9rd Ave	VICINITY MAP			G-2 GENERAL ATIS 1 G-3 GENERAL ATIS DETAILS 1 G-4 GENERAL ATIS DETAILS 1		\$1 FOUNDATION DETAILS 1 E.1 DAMES AND DESCRIPATION DETAILS 1 D.1 DAMES AND DESCRIPATION DETAILS 1 1	SP.1 GENERAL NOTES 1 A-1 SITE PLAN 1	SHT. DESCRIPTION REV. 1-1 TITLE SHEET 1	SHEET INDEX	GENERATOR UPGRADE	GRAND RAPIDS, MN 55744
GRAND RAPIDS DT FA#: 10125043 USID: 95022 936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744 GENERATOR UPGRADE COMPANIOR SML YER? ML PANS & DOSING OMERSONS & COMPANIOR SML YER? ML PANS & DOSING OMERSONS & COMPANIOR SML YER? ML PANS & DOSING OMERSONS & THE DASHER N WITHOUT OF MY TOSCHENOUS SEPTER PROCESSOR WITHOUT OF MY TOSCHENOUS SEPTER PROCESSOR OF MY TOSCHENOUS SEPTER SHEET NAME SHEET NAME TITLE SHEET NUMBER T. 1		Raftenum Wee	ENGINEER 45348		- Annumuntu.		0 100% CDs 3/5/21 ABB 1 FENCE ADDITION 4/22/22 MCB	DRAWING REVISIONS REV. DESCRIPTION DATE BY	PO Box 5 318 North Malin Street Huntingburg, Indiana 47542 Phone: (812) 683-3049	BENCHMARK SERVICES, INC.	1290 SHE PYILLE ROAD, STE 230 LOUSVILLE, KY 40243 502-853-8963



GENERAL DYNAMICS
Wireless Services

NOTES TO CONTRACTOR:

- THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK, ALL DISCREPANCIES SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK, ALL WORK SHALL BE FERFORMED IN A WORKMAILKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION A BOATMACE.
- IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE COMPLETED INSTALLATION. THE COMPLETED INSTALLATION. THE COMPRACTION SHALL BE RESPONSIBLE FOR ALL TEMPORARY BEACHING. SHORING TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL WHITOMAL, STATE AND LOCAL ORDINANCES TO SAFELY EXECUTE ALL WORK AND SHALE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
- THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMAN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAN WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.
- CONSTRUCTION CONTRACTOR AGREES HAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PARLET REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR ALOS BIT CONDITIONS COUNTRACTOR WILL BE CONDITIONED COUNTRACTOR MEDICATE OR COUNTRACTOR OF THE PROJECT INCLIDING THE COUNTRACTOR OF COUNTRACTOR OF THE PROJECT INCLIDING THE SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO AND PROVIDED AND THE SAFETY OF INDEMNIFY AND HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO NORMAIN FALL OF AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO NORMAIN FALL OF ALLEGED. IN CONNECTION WITH FERFORMANCE OF WORK ON THIS PROJECT.
- SITE GROUNDING SHALL COMPT VINTH ATAT MOBILITY MIRELESS SERVICES TECHNICAL SECRIFICATIONS FOR FACULITY GROUNDING FOR CELL SITE SYNDARDS, LATEST EDITION, AND COMPT, WITH ATAT MOBILITY TOWERS GROUNDING OHECKLIST, LATEST VERSION; MHEN MATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT, THEY SHALL GOVERN.
- ALL WORK SMALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS.

 PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION
 AND UTILITIES SMALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF FAA
 LIGHTING AND MARION IS PRESENT ON SITE AND IS POWERED BY ELECTRICAL
 SERVICE THAT IS TO BE INTERRIPTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO
 MARITAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE
- ALL WORK SHALL BE ACCAMPLISHED IN ACCORDANCE WITH ALL LOCAL STATE AND FEDERAL CODES OR APPLY NOTHE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE RECUIREMENTS.

4

- ANY DAMAGE TO THE ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE LANDOWNER AND THE
- THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE STEET AT ALL TIME. SILT FENCE AND EROSSON CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- PERMIT'S: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC.
- RECORD DRAWNIGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTILLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWNING WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.
- RECORD PHOTOS: INCLUDE TIME/DATE STAMPED PHOTOS WITH TAPE MEASURE DEPTH VERIFICATION.
- ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATION.
- 18. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTOR SHALL NOTIFY GENERAL DYNAMICS WHITELESS SERVICES OF IAWY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR
- CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MIMMUM, ONLY THE TREES NECESSARY BOY CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO THE REPORTY OUTSIDE THE LEASED PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ALL SUITABLE MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATION APPROVED BY COVERNING AGENCIES PRIOR TO DISPOSAL.

SEEDING AND MUICHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A MINIMUM PERIOD OF ONE YEAR.

- THIS PROPOSAL IS FOR THE ADDITION OF A NEW GENERATOR ON A CONCRETE PAD TO AN EXISTING UNIMANNED TELECOMMUNICATIONS FACILITY.
- THE PROPOSED FACILITY IS UNMANNED AND IS NOT FOR HUMAN HABITATION, NO HANDICAP ACCESS IS THE PROPOSED FACILITY WILL BE UNIMANNED AND DOES NOT REQUIRE POTABLE WATER OR SERVER SERVICE
- OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH BY AT&T TECHNICIANS.
- OUTDOOR STORAGE AND SOLID WASTE CONTAINERS ARE NOT PROPOSED.
- CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT
- INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM DRAWINGS PROVIDED BY THE SITE PROCEEDING WITH CONSTRUCTION. OWNER, CONTRACTOR SHALL NOTIFY AT&T OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR

ELECTRICAL NOTES:

- COORDINATE LOCATION AND PROPER REQUIREMENTS OF ALL EQUIPMENT WITH AT&T MOBILITY AND EQUIPMENT SUPPLIES PRIOR TO INSTALLATION.
- CONDINUATE LOCATION AND REQUIREMENTS FOR ELETTRICAL SERVICE WITH THE PROPERTY REPRESENTATIVE.
 ATIST MOBILITY AND UTILLY COMPANIES. ROLLINGO CONDUCTIN MAY BE MODIFIED TO MEET SITE.
 REQUIREMENTALS. SPACT CONDUIT PROTING TO BE DETERMINED IN THE FELD.
- ALL WIRING AND EQUIPMENT SHOWN ON ELECTRICAL SHEETS SHALL BE FURNISHED AND INSTALLED UNDER ELECTRICAL PORTION OF CONTRACT UNLESS OTHERWISE NOTED.
- UNINTERRUPTED ELECTRICAL SERVICE FOR EXISTING EQUIPMENT SHALL BE MAINTAINED DURING THE INSTALLATION OF THE WORK DESCRIBED UNDER THESE DOCUMENTS, TEMPORARY EQUIPMENT, CABL WHATEHER ELSE IS NECESSARY SHALL BEROAMED BY CONTRACTION AS REQUIRED IN CONTRACT BURNING IN CONTRACT AND ANALYSIS. IN CHECK THE STANCE PROJECT OF THE PRODUCT ON THE CONTRACT OR STREAM MANTAIN BEDTENDAY OF THE CONTRACT OR STREAM MANTAIN BEDTENDAY OF THE CONTRACT OR STREAM MANTAIN BE INTERPUTED. UNTIL NECE OR, THE CONTRACT OR STREAM MANTAIN BE INTERPUTED. UNTIL NECE OR, THE CONTRACT OR STREAM MANTAIN BE INTERPUTED. THE CONTRACT OR STREAM MANTAIN BE THE CONTRACT OR STREAM MANTAIN BETWEEN THE CONTRACT OR STREAM MANTAIN BE MANTAIN BETWEEN THE CONTRACT OR STREAM MANTAIN BETWEEN THE CONTR ARRANGEMENTS TO BE MADE. WHIT
- CODOMANT NAW WORK WITH OTHER TRACES AND VERIEV EXEMING CONDITIONS TO AND INTERFERENCE. IN CASE OR INTERFERENCE, A TAST MOBILITYS REPRESENTATIVE WILL DECIDE WHICH WORK IS TO BE RELOCATED, RECAPOLESS OF WHICH WAS FIRST INSTALLED.
- THE INSTALLATION MUST COMPLY WITH NEC AND ALL FEDERAL STATE AND LOCAL RULES AND REGULATIONS.
- ROUTING SHALL B THE CHANNISS ARE DIACRAMMATIC AND NOICHTE THE CENERAL AFRANCEMENT OF SYSTEMS AND BOUWNENT UNLESS OTHERWISE CERRIED BY DIMENSIONS OR DETAILS. EVACT EQUIPMENT ICO-ATIONS AND PACEWAY POUTING SHALL BE COVERNED BY ACTUAL TELD CONDITIONS AND JOE DIRECTIONS FROM A FAX MODERN'S POUTING SHALL BE COVERNED BY ACTUAL TELD CONDITIONS AND JOE DIRECTIONS FROM A FAX MODERN'S AND JOE
- CONTRACTOR SHALL PAY ALL PERMITS AND FEES REGUIRED.
- ALL MATERIALS SHALL BE LIPRISHED AND WORK SHALL BE FERFORMED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STANDARDS REFIRENCED BELOW.

 A ANSI (AMERICAN MATIONAL STANDARDS INSTITUTE)
 B. ASTRI (AMERICAN MATIONAL STANDARDS INSTITUTE)
 C. ETI, (ELECTRICAL TESTING LABORATORY)
 D. ICZA, (MISULATED COALELE MANIETERS ASSOCIATION)
 E. EEE (MISTITUTE OF ELECTRICAL AND ELECTRICAUS EMBRES)
 E. MEDI (MATIONAL ELECTRICAL AND ELECTRICAUS EMBRES)
 E. MEDI (MATIONALE ELECTRICAL MATIONALE MATIONALE

- OWHRACTHS SHALL REPRIM PLANK, DETAILS AND SECENCHIONS IN DETAIL AND ADJUST MOREN OF CONTRIBON WITH ACTUAL SHE CONCIDENCE SHE CONTRIBON OF THE CONTRIBON OF THE
- THE CONTRACTOR OF BIDGER SHALL BEAR THE RESPONSIBILITY OF KUTTENNIG IN WITHING JACK MEBILITYS REPRESENTATING OF ANY CONFLICTS REPRESENTATING OF ANY CONFLICTS REPORT TO THE SUBMISSION OF CONFINCTIONS PROFINED ANY CONFLICTS REPRESENTATION OF ANY CONFLICTS REPRESENTED THE CONTRACTION SHALL PRICE THE MORE COSTLY OF BYTENSINE WORK, WILLESS DIRECTION IN WITHING THE HOW THE MORE COSTLY OF BYTENSINE WORK, WILLESS DIRECTION IN WITHING THE HOW THE WORK OF THE MORE COSTLY OF BYTENSINE WORK, WILLESS THE CITED IN WITHING THE HOW THE WORK OF THE MORE COSTLY OF BYTENSINE WORK.
- ALL FLOORS WHERE PENETRATIONS ARE REGUIRED IN BUILDING ARE TO BE CORE DRILLED AND THEN FIREPROOFED.

WIRING/CONDUIT

- PROVIDE PULL BOXES AND JUNCTION BOXES WHERE SHOWN OR AS REQUIRED BY CODE SUCH THAT NO MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL) EXIST BY, ON CONDUIT RUN.
- all power and control/indication wiring shall be type thinly thwn body rated 75 degrees celsius, unless noted otherwise.
- CONDUIT BENDS SHALL BE MACE IN ACCORDANCE WITH NEC TABLE 246-10. NO RIGHT ANGLE DEVICE OTHER THAN STANDARD COXDUIT ELBOWS WITH 12" MINIMUMINISTICE SWEEPS FOR ALL COXDUITS 2" OF LARGER.
- POWER WIRING SIZE SHALL NOT BE SMALLER THAN #12 AVVG.
- ALL WIRING SHALL BE COPPER, ALUMINUM WILL NOT BE ACCEPTABLE, ALL POWER CIRCUITS SHALL CONTAIN A GROUND WIRE.
- PHASE MARKINGS TO BE USED AT POWER CONDUCTOR TERMINATIONS.
- CONTRACTOR SHALL ENSURE INTEGRITY IS MAINTAINED WHEN INSTALLING CONDUIT AND WIRING.
- INSTALL PULL STRING IN ALL CONDUIT.
- POR ROOFTOP INSTALLS AND BUILDADIS, CONDUITS, CONSUITS INSIDE BILLIDING AND ION ROOF SHALL BE ROS, UNIVESS OTHERWISE NOTIES, ORD RAW LAND SITES AND COLOCATES PYC SCHEDULE 80 SHALL BE UTILIZED UNLESS NOTED OTHERWISE.
- MAINTAIN MINIMUM 1:0" VERTICAL AND 1:0" HORIZONTAL SEPARATION FROM ANY MECHANICAL GAS PIPING.

10.

- ALL WIRING ROUTED IN PLENUM TO BE PLENUM RATED OR IN METALLIC FLEX (LIQUIDITITE) CONDUIT.
- 12. INSPECTION WINDOWS ARE REQUIRED ON ALL INDOOR LUGS.

EQUIPMENT

- EQUIPMENT/PARTS CONNECTED TO EXISTING PANELS, DUCTS, ETC, SHALL MATCH THE CHARACTERISTICS (A/C, V, A) OF THAT EQUIPMENT.
- ALL ELECTRICAL EQUIPMENT OUTSIDE SHALL BE NEMA OR 3R RATED.

- ALL GROUND CONNECTIONS TO BUILDING SHALL BE MADE USING TWOHOLE CONNECTORS. PROVIDE STAINLESS STEEL BOLTS AND LOCK WASHERS ON ALL MECHANICAL GROUND CONNECTIONS.
- ALL EQUIPMENT SUPFACES TO BE BONZED TO GROUNDING SYSTEM SHALL BE STRIPPED OF ALL PAINT AND DIFT, CONNECTIONS TO VARIOUS METALS SHALL BE OF A TYPE AS TO NOT CAUSE A GRUNANIC OF CORPOSINE REACTION, A REAL SHALL BE REPAINTED WITH COLD GALVANIZE SPRAY FOLLOWING BONDING.
- ANY METALLICITEM WITHIN θ of Ground conductors must be connected to the grounding system.
- EXTERIOR, ABOVE GRADE GROUND CONNECTIONS SHALL BE FURNISHED WITH A LIBERAL PROTECTIVE COATING OF ANTI-OXIDE COMPOUND.
- ALL MATERIALS AND LABOR REQUIRED FOR THE GROUNDING SYSTEM AS NUDICATED ON THE PLANS AND DETAILS, AND LAS DESCRIBED HERBIN SHALL BE FLIRNISHED BY THIS CONTRACTOR UNLESS OTHERWISE WOTED.
- EXACT LOCATION OF GROUND CONNECTION POINTS SHALL BE DETERMINED IN FELD.
 ADJUSTICATIONS INDICATED ON THE PLANS ACCORDING TO ACTUAL EQUIPMENT
 LOCATIONS TO KEEP THE GROUND CONNECTIONS CABLES AS SHORT AS POSSIBLE. USE
 EXISTING GROUNDING LOCATION ON ATS IF AVAILABLE.
- PROVIDE ALL ELECTRICAL SKYETA AND EQUIPMENT GROUNGS ÁS REQUIRED BY CODE.

 PROVIDENT TIMES SHALL BE INSTALLED AT ALL PROVIDENS AND THE COMPRENT ENGLOSURES.

 PROVIDENT TIMES SHALL BE INSTALLED AT ALL PROCESSAR SHATTH A POPPORT BY THE CURRENT ENGLOSIVES.

 BY THE CURRENT SHALL BE STEED AND EXCEPTION OF THE PROVIDENCE AND THE CONTROL BY THE CURRENT SHATTH SHATTH

ALL EQUIPMENT GROUND CONDUCTORS SHALL BE TIN COATED, #2 AWG COPPER UNLESS NOTED OTHERWISE ON THE DRAWINGS.

INSPECTION/DOCUMENTATION

- INCLUDE TIME/DATE STAMPED PHOTOS WITH TAPE MEASURE VERIFICATION FOR ALL BURIED CONDUIT.
- THE CONTRACTION, UPON COMPLETION OF HIS WORK, SHALL PROVIDE ASSAULT PRAWNICS. INFORMATION SHOULD BE GIVEN TO THE GENERAL CONTRACTION FOR INCLUSION IN FINAL AS BUILT SLAPEY OCCUMENTS TO BE GIVEN TO THE COWNER.
- CONTRACTOR SHALL SUPPLY DOCUMENTATION ATTESTING TO THE COMPLETE GROUND SYSTEM'S RESISTIVITY (MAX. 5 OHINS).
- AN ELECTRICAL INSPECTION SHALL BE MADE BY AN INSPECTING A GENCY APPROVED BY AT'S IT MOBILITY'S REPRESENTATIVE. CONTRACTOR SHALL COORDINATE ALL INSPECTIONS AND OBTAIN POWER CONFAIN APPROVAL.
- CONTRACTOR SHALL HAVE ATS AND GENERATOR RELAY INSTALLATION AND CONNECTIONS INSPECTED BY OTHERS TO ENSURE THAT UL LISTING FOR THAT EQUIPMENT IS NOT VOIDED.

GENERAL DYNAMICS Wireless Services 1296 SHEWILL PARA, STE 290 LOUSVILL, KY 40243 502-653-658

BENCHMARK SERVICES, INC.

	-	0	REV.		
	FENCE ADDITION	100% COs	DESCRIPTION	DRAWING REVISIONS	Consulting Engineers Land Surveyors PO Box 5 318 North Main Street Hunfingburg, Indiana 47542 Phone: (812) 683-3049
	4/22/22	3/5/21	DATE	EVISION	Engineers Treyors orth Main Stre diana 47542 883-3049
S18 46 2	MC8	ABB	ВУ	ß	2

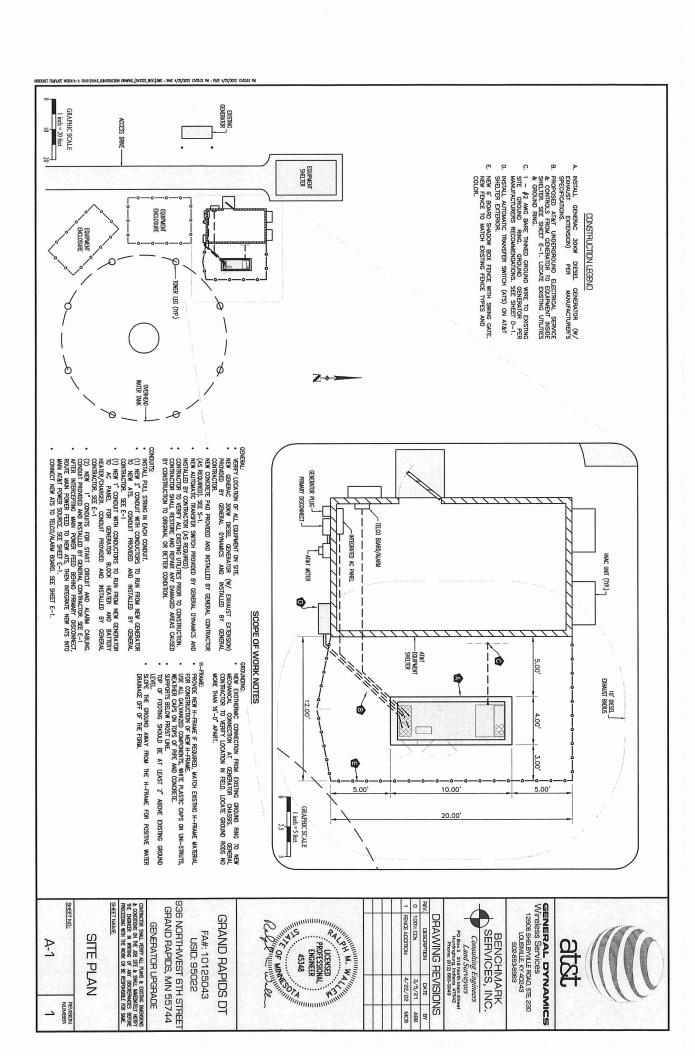


GRAND RAPIDS DT

FA#: 10125043 USID: 95022

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744 GENERATOR UPGRADE

GENERAL NOTES



UL. 142 DOUBLE WILL FUEL TANK BASE SPECIFICATION

FUEL TANK BASE CONSTRUCTION.

BE CONSTRUCTED IN ACCORDANCE WITH UNDERWRITERS LABORATORIES STANDARD

UL-142. BE CONSTRUCTED IN ACCORDANCE WITH FLAMMAGE AND CONSUMBLE

OUNDES COPE. NEW AS JOI HE STANDARD FOR INSTALLATION AND USE OF STANDARD

CONSUMER AND CAS TURBINES, NEPA 37. AND THE STANDARD FOR POPEN STEELS, NEPA 110.

ANCHOES MINIMAN (4) 0 5/8" FOR DEP-SET MOUTHING

SUB BASE TANK INTERIO. PRIMARY TANK AND SECONLARY CONTAINABNT BASIN STEED AT 3-5 PSI AND LEXT-CHECKED TO BISURE

MINISTRY OF SUB BASE WILD SEALS PER UL-142 STANDARD

FILE L. - 5 GALION STILL DOTAINABLET WITH ALAGAM

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15. DESCRIPTION

16. CONTROLL ON THE FOLLOWING CODES AND STANDARDS:

17. WELL OR DECED THE FOLLOWING CODES AND STANDARD PRACTICE

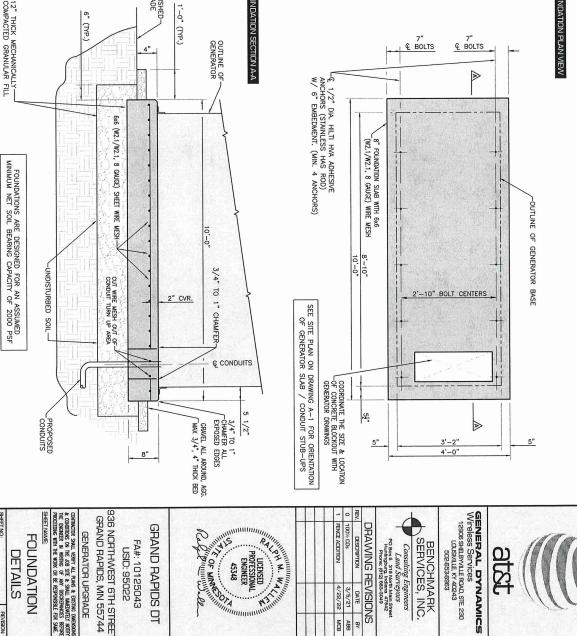
PERMILMO.

18. CHEMICATION:

1 DOUBLE WALL FUEL TANK BASE SPECIFICATION ALL DREAMIC AND / OR OTHER UNSTITUBLE MATERIAL SHALL BE RELATED FROM TOWNSTAND AND LAGGE LED WITH ACCEPTABLE BRANILLAR BLLL SOMERACED TO 95 PERCENT OF MAXIMUM EDISTY AT OPTIMUM MOSTREE CONTENT (SEM DISSY).

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MESURES TO PRODUCT MAY WATER, THE CONTRACTOR PROVIDE ALL NECESSARY MESURES TO PRODUCT MAY WATER, AND COTES PLANDING OF CONCRETE, AND UNIT. DAVIC CONCRETE HAS FALLY CARED. FINISHED-GRADE FOUNDATION PLAN VIEW FOUNDATION SECTION A-A 12" THICK MECHANICALLY-COMPACTED GRANULAR FILL 1'-0" (TYP.) 6" (TYP.) 7" © BOLTS 7" © BOLTS OUTLINE OF-GENERATOR 4" \triangleright

STRUCTURAL GENERAL NOTES



PENCE ADDITION

3/5/21 ABB 4/22/22 MCB DATE BY

RALDH M. WALLING

OF MINNESON During of

45348

100% CDs

DESCRIPTION

DRAWING REVISIONS

Consulting Engineers

Land Surveyors

Po Box 5 318 North Main Street
Huntingburg, Indiana 47542
Phone: (812) 883-3049

12906 SHELBYVILLE ROAD, STE. 230 LOUSIVILLE, KY 40243 502-653-6963

SERVICES, INC.

CEDING WITH THE WORK OR BE RESPONSIBLE FOR SME.

FOUNDATION

DETAILS

NUMBER

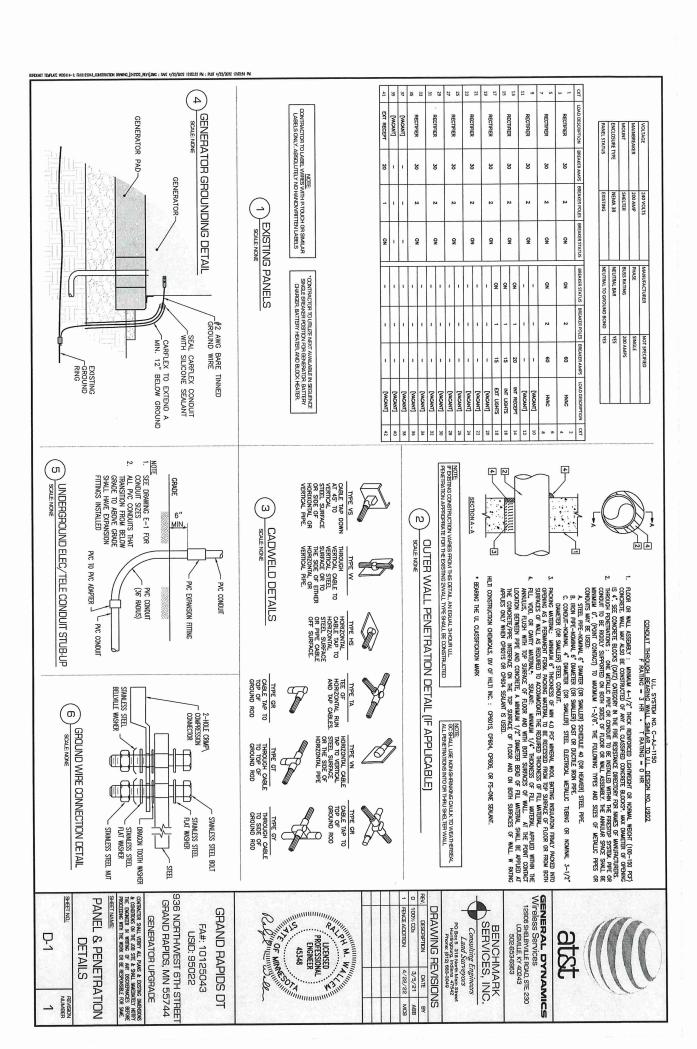
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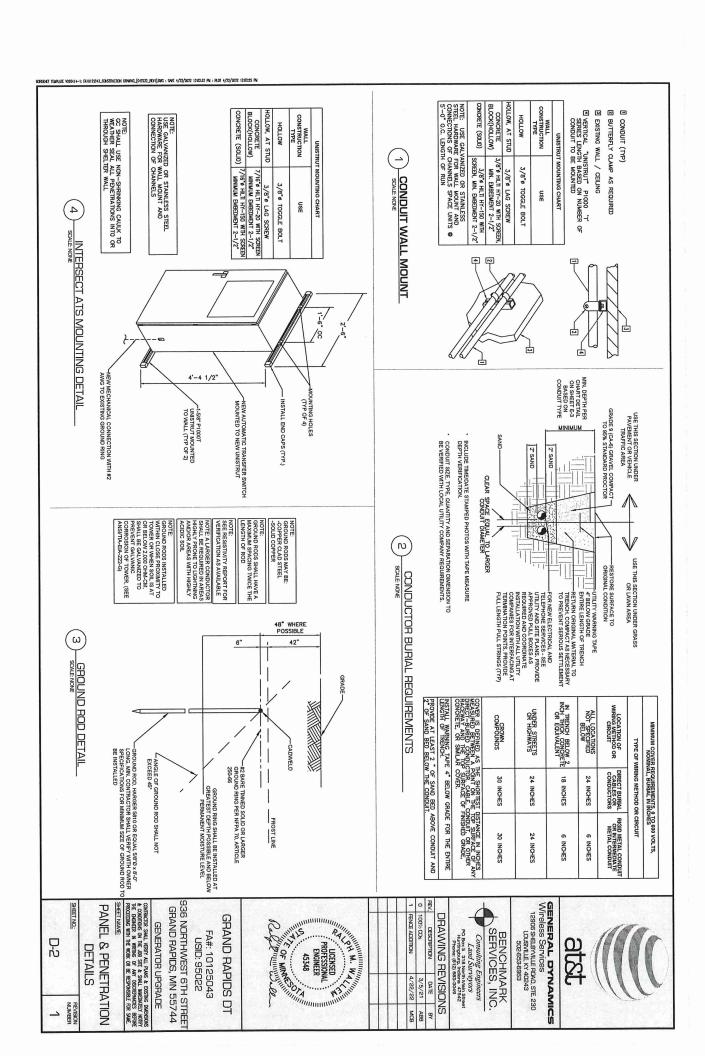
GENERATOR UPGRADE

GRAND RAPIDS DT

FA#: 10125043

USID: 95022





SD030 | 2.21 | 30 kW INDUSTRIAL DIESEL GENERATOR SET

CONFIGURABLE OPTIONS

ALTERNATOR SYSTEM	 10A UL Listed Battery Charges Battery Warmer 	ELECTRICAL SYSTEM	C NOTFleethe Faciline	FUEL SYSTEM	 Level 1 Fan and Beit Guards (Open Sit Only) 	 Radiator Stone Guard 	 (ii) Healer Coticed Sciencer (Open Set Only) 		ENGINE SYSTEM
 Up to 200 MPH Wind Load Rating (Contact Factory for Availability) 	Shell Englosure Shell Englosure Shell Englosure	O Lovel 2 Sound Attenuation	 Weather Protected Enclosure 	ENCLOSURE	 Electronic Trip Breakers 	 Shutt Trip and Auditing Contact 	Main Line Circuit Breaker 2nd Main Line Circuit Breaker		CIRCUIT BREAKER OPTIONS
FUEL TANKS (Size On Last Page)	 Bende Connunication - Modern 10A Engine Bun Relay 	 Ground Fast Annunciation 120V GIGI and 240V Outlids 	 106 dB Alam Horn 	Remote E-Stop (Red Mushroom-Type, Surface Meant) Construct Construct Construct	 Remote E-Stop (Break Glass-Type, Surface Mount) 	 Oil Temperature Indication and Alarm 	NEYA TO CONJUDE A TEMPORALIO ANTIQUATION Remote Busky Assembly (0 or 16)	O INTO LOOK AND THE PARTY AND ADDRESS OF THE P	CONTROL SYSTEM

on Arabability on Arabability on Acque Endocune on Door Alarm Swite on Endocune Heater on Damper Alarm C

O 10 Year Extended Limited Warranty	 7 Year Extended Limited Warranty 	 5 Year Extended Limited Warranty 	C 5 Year Limited Warrarry	 2 Year Extended Limited Warranty 	WARRANTY (Standby Gensets Only)		O Damper Alarm Contacts	 Enclosure Heater 	 Door Alarm Switch 	
ted Warranty	ed Warranty	nd Warrandy	47	ed Warrarty	y Gensets Only)		· Б			
	C 1 K C 1 September of the Parish Co.	O Translated Granders Sh	O 42' Vices Contain and	G Fash and Switch and	O fi Gallon Spill Box	5 Gallon Spill Bax Retu	O Overfill Protection Valv	o 19 in (482.6 mn) Fill B	O 13 in (339.2 nm) Fill I	

FUEL TANKS (Size On Last Page)

Attennetor Upsking
 Anti-Condensation Heater
 Tropical Coating
 Permanent Magnet Excitation

Extended Factory Testing
 8 Position Load Center
 Pad Vitration tsolution

GENERATOR SET

,	0	0	0	0	O	0	0	
C. 49' Vant Stocker	 Feel Level Switch and Alarm 	O Tank Risers	5 Gallon Spill Box	 5 Gallori Spill Bax Return Hose 	Overfill Protection Valve	19 in (482.6 mm) Fill Extension	O 13 in (330.2 mm) Fill Extension	a confinction of the party and

Hud Hose

Aurea	utty
	(
	CARCINGO COMPANY

C DL2005 Tan	FUEL TANKS	

GENERATOR SET O Special Testing O 3rd Breaks System ALTERNATOR SYSTEM

Spare Inputs (x4) / Outputs (x4)
 Battery Disconnect Switch

CONTROL SYSTEM

Covant Hwater Isolation Ball Valves
 Fluid Containment Pan

ENGINE SYSTEM

ENGINEERED OPTIONS

GENERAC INDUSTRIAL

SD030 | 2.2L | 30 KW INDUSTRIAL DIESEL GENERATOR SET

GENERAC INDUSTRIAL

EPA Certified Stationary Emergency

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

Newco	Petáns
EPA Emissione Grandfaster	Stationary Emergency
EPA Emissions Retermos	See Emischerbata Soud
Cyfridd ei	4
5076	fo-Lines
Displantment in (L)	136 (2.23)
STREET, STREET, STREET,	3.3 (84)

GENERAL DYNAMICS
Wireless Services
12906 SHERWILE POAD, STE 230
LOUSRULE, IX 40243
502-653-658

BENCHMARK SERVICES, INC.

Consulting Engineers

Land Surveyors

PO Box 5 318 North Main Street
Huntingburg, Indian at 7542
Phone: (812) 883-3049

TUSNORU DI SERSENCE	STARTING Emergency
BESSIONS REVENUES	See Ennischen Data Soud
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ता शामा)	23(84)
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Eindforks isouthronous			Fregad Stori	Augunan	Castlion	Importages	2331	3.8 (100)	33(84)	136 (2.22)	to-Linx	4	See Emischer Data Soud	Stationary Emergency
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and Charges Mannator	Slandard
ry Sizu	A350261910 TSPU APARS INS
ry Vollage	2007
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3/5/21 ABB 4/22/22 MCB

ALTERNATOR SPECIFICATIONS

Standard Model	K0/C5124Y21
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First Type	Restora
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(to34)hys	Sittyle Stolled
Europiag	Direct sta Flexible Disc
Against - Apariting (IRM)	\$(6)3
Prototype Short Circuit Test	Yes
auti, strateday ofeyor,	Digital
Second Farmer to the following	Car.

LICENSED LUCENSED PROFESSIONAL ENGREER HASA48

DETAIL - FOR REFERENCE ONLY

GRAND RAPIDS DT

FA#: 10125043 USID: 95022

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744

CONTRACTOR SHALL VERBY ALL PLANS & EXISTING DIMENSIONS AS CONDITIONS ON THE JUB SITE & SHALL IMACINATELY NOTIFY HOTOLOGICAL SHALL IMACINATELY NOTIFY HOTOLOGICAL SHALL IMACINATELY NOTIFY HOTOLOGICAL SHALL VERBY OF ALL PLANS & EXISTING DIMENSIONS OF THE PROPERTY OF THE PR GENERATOR UPGRADE

GENERATOR DETAILS

SHEET NO.

9

SD030 | 2.2L | 30 kW INDUSTRIAL DIESEL GENERATOR SET

POWER RATINGS

OPERATING DATA

MOTOR STARTING CAPABILITIES (SKVA)

		O-Coloroly
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place of the colours soughward	30800	MILSTER
Three-Phase 120/240 VAC geo.54f	MRC	A0105 98
Three Prays 2775400 VAC 1201 Mr	2010.	\$00ps;-65
planether and heather exemples of	ARC)	945 SAMPY

277/490 VAC	30%	208/240 VAC	3
K0035124721	77	K0035424721	4
1245201003	78	120/210/年3	9
K80660124525	X	K0050124621	75

Diesel - gph (Lph)
Percent Load Standby

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FUEL CONSUMPTION RATES

fuel supply included in maid accommodate her	160%	75%	50%	25%	
unid accommodate her	(ce) 32	2.9 (7.5)	1.4 (52)	1.000.0	

COOLING

	UIREMENTS	
Values		

COMBUSTION AIR REQ

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dbuck	

EXHAUST

** Relay to "Emissions Data Sheed" for medimum bHP for EPA, and SC4,CMD pennithing purposes

Dealon - Operational chearacteries consider moletium anti-int constitions. Dealer factor may apply under applied ste constitute.

Prover contact a feweres Prove Systems Indigital Deale for additional set also All portiumnous nativys in accordance with 1970 041, 1956 041, 1951 052, and 1942/11; destribute.

Senday - See Bellein (1975) 0530 0530.

Prive - See Bellein (1975) 078058

SPEC SHEET

Generac Poizer Systems, Inc. | P.O. Box 3 | Wasiescha, Wi 53100 F. (202) 544-4811 422018 Outstan Pearst Systems, Inc. All 1988 (etc.

SD030 | 2.2L | 30 kW INDUSTRIAL DIESEL GENERATOR SET

GENERAC INDUSTRIAL

GENERAC INDUSTRIAL

DIMENSIONS AND WEIGHTS*





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2.58	75.0 (1,930) x 37.4 (350) x 81.8 (2,078)	211 (739)	
275	76.0 (1.830) x 37.4 (350) x 69.8 (1.773)	1125 5011	
2.12	76.0 (1.320) x.37.4 (960) x.57.0 (1.485)	54 (204)	
17.00	75.0 (1,980) x 37.4 (950) x 44.8 (1,138)	ı.	pe.
in 25	LxWxH-la (tani)	Called Cabanga Appara	13

GENERAL DYNAMICS
Wireless Services
12906 SHERWILE PAD, STE 230
LUSNULL, KY 40243
502-635-6893

SERVICES, INC.

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WEATHER PROTECTED ENCLOSURE

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RATIONSED THE

100% CDs
FENCE ADDITION

DRAWING REVISIONS

Consulting Engineers

Land Surveyors
PO Box 5 318 North Main Street
Huntingburg, Indiana 47542
Phone: (812) 683-3049

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GRAND RAPIDS DT

FA#: 10125043 USID: 95022

Pat No. 1000002/1942 Rev. B. 08/27/18

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744

GENERATOR UPGRADE

CONTRACTOR SHALL VERBY ALL PLANS & EXSTING DIMENSIONS & CONGTIONS ON THE JOBS SITE & SHALL IMADEANEZE MOTORS THE EXCHAETE IN WRITING OF ART OSCREPANIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

DETAIL - FOR REFERENCE DNLY

SHEET NO.

GENERATOR DETAILS d d

TTS Series Switches

200 Amps **600 VAC**

The Generac TAS200 Automatic Transfer Switch

Flexibility for multiple application installations

Mounting Options

C-UI_US Listed - Automatic Transfer Switch
Stainless Steel Hardwere
3-Point Latching System with Par-Lockatic Handles
warr UL Type / NEMA 3R Rated Powder Cost Finish for Corrosion Resistance 210 lbs. Single Chamber with Main Door

GENERAL DYNAMICS
Wireless Services
12906 SHERVILLE PADA, STE 230
LOUSPULL, KY 40243
502-653-6585

BENCHMARK SERVICES, INC.

H-frame
Pre-wired alarm terminal strip

Designed with a 6 inch touch screen controller for improved user interface

Camlock functionality for mobile generator sources

Multiple generator support with 3 source panel

GENERAC INDUSTRIAL

200A Automatic Transfer Switch

TAS200

TAS200

Application and Engineering Data

TAS200

ical Specifications	から ちゅうこう はんない ないない からい
go/Phase/Amps	120/240 Single-Phase, 200A 120/208 3-Phase, 200A 120/240 3-Phase, 200A
	Eaton 200 amp Utility Breaker
Q	Eaton 200 amp Generator Breaker
mum RMS Symmetrical Fault Current - Amps	25k AIC Rated
ctive Device Continuous Rating (Max) Amp	200
to Generator	350MCM - ₩6 AWG
ais ais	350MCM - #6 AWG
zator Armunciator Connector	Dautsch DTM04-12PA-L012
	Generator Run Alarm
	Generator Fail — Shutdown Alarm
	Generator Fail Non Shutdown Alarm
n eminal board	Low Fire! Alarm
	Canada Theil Alarm

100% CDs
FENCE ADDITION

DRAWING REVISIONS

Consulting Engineers

Land Surveyors
PO Box 5 318 North Main Street
Huntingburg, Indiana 47542
Phone: (812) 683-3049

Voltage
Voltage
Voltage
Voltage
Break
Break
Break
Genal

Features

Codes and Standards Generac products are designed to the following standards:

Alam

 STAINLESS STEEL HARDWARE NEMA 3R ENCLOSURE WITH HINGED "PADLOCKING" DOORS • STEEL CONSTRUCTION

 CAMLOCK "QUICK CONNECT" CAPABILITY • OPERATIONAL STATUS VIEW VIA 6 INCH TOUCH SCHEEN

UL1008, UL508, UL50, CSA C222 No. 178

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PROFESSIONAL ENGINEER 45348

RALDH M. WALLING

Maling Connector - CH E1016 Female	Uses 4 CH E1016 Male Comportors	ack L1, Red L2, Blue L3, White-Neutral, Green-Ground	sse: Black L1, Red L2, White-Neutral, Green-Ground	9"Wx9.4"Dx24.25"H	alpped loose for multiple Installation options
					L

NEWA 250

THREE-PHASE VOLTAGE CONFIGURATIONS

EXTENDED WARRANTY

Optional Features

. UL1 1008 LISTED - FOR EMERGENCY SYSTEMS TEST FUNCTION - FAST TEST & NORMAL TEST

(F)

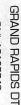
NEC 700, 701 and 702

Dimensions Camiock Component

200A Camlock Generalor Connection

3-Phase: Black Single-Phase:

DETAIL - FOR REFERENCE ONLY



FA#: 10125043 USID: 95022

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744

GENERATOR UPGRADE

OMITACTOR SWILL VERRY ALL PLANS & EXSTING DIADISSONS & CONGRIONS ON THE JOBS SITE & SWILL IMACENIES BEFORE THE ENGLARER IN WRITING OF AWAY DISCREPANCES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

GENERAC ATS DETAILS

93

GENERAC' INDUSTRIAL

TTS Control Systems

Touch Screen Interface

GENERAC

GENERAL DYNAMICS
Wireless Services
12906 SHEMULE PRAD, STE 230
LOUSHWILL KY 40243
502,653,6963

SERVICES, INC.

TAS200

NDICATORS AND BUTTONS

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

- System Ready indicator
 Standby Operating indicator
 Utility Available indicator
 GENUTIL Switch Position Indicator
 TVSS status

DETAILS SCREEN

System Settings:

Exercise Settings:

100% CDs FENCE ADDITION

DATE BY 3/5/21 ABB 4/22/22 MICB

DRAWING REVISIONS

DESCRIPTION

Consulting Engineers

Land Surveyors

Do Box 5 318 North Main Street

Huntingburg, Indiana 47542

Phone: (812) 683-3049

- System VoltaguPhasses:

 120/240V single phase (fandard)
 120/240V single phase (parlional)
 120/240V three phase (optional)
 120/240V three phase (optional)
 1889 Fail Monitor:
 Under Voltager: 75-95% of nominal voltage
 Under Voltager: 75-95% of nominal voltage
 Over Voltager: 155-725% of nominal voltage
 Over Voltager: 155-725% of nominal voltage
 Over Voltager: 155-725% of nominal voltage
 Over Voltager: 155-725%
 Over Voltager: 155-725%
 -
- Utility interrupt Delay: 0-60s Return to Utility Timer: 1-30 minutes Time of day

 By of week

 Exercise:

 Dentises with/without load

 Exercise of once every 1, 2, or 4 weeks,

 Exercise time-of-day

 Exercise time-of-day

 Exercise day of week

 Exercise day of week

 Exercise day of week
- Brightness & Contrast button
 Streen Calibration button
 Startup/Clean screen Screen Settings:

PROFESSIONAL PROFE

Time-Delay-Neutral at 0.0-10.0s in 1 second increments

- Mimic Diagram: Diagnostics: Voltage A/D readings
- System Ready
 Transfer switch position
 Italy available
 Standby available
 Maintenance/auto switch position
 Generatin source 15 position
 TNSS status

Engine Warm-up timer, 0-20 minutes
 Gerration Load Accept:
 Time-Delay-National at 0,0-10,0s in 1 second increments
 Voltage, 85-95% of nominal
 Hequency, 65-95% of nominal
 Frequency, 65-95% of nominal
 Engine Minuma Paur Timer, 5-93 minutes
 Engine Cooldown Timer, 0-20 minutes

Engine Settings:

Generac Power Systems, Inc. + S45 W29290 HWY 55, Waukesha, WI 53189 + generac com cotts sereac Power Systems, Inc. 4 light narrod. Il specificare en uniquita dauge stress plan, basin chiscrasses (Petadis USA 031919

GENERAC ATS MANUFACTURER DETAIL - FOR REFERENCE ONLY

SHEET NO. 42

GENERAC ATS DETAILS

CONTRACTOR SWILL YEAR'S ALL PLANS & EXCEND SUBJECT NOTIFY THE ENCHER IN WRITING OF ANY DISCREMANISS BETORE PROCEDUNG WITH THE WORK OR BE RESPONSIBLE FOR SAME.

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744

GENERATOR UPGRADE

GRAND RAPIDS DT

FA#: 10125043

USID: 95022

THIS DOCUMENT WAS DRAFTED BY, and WHEN RECORDED RETURN TO:

Vice President

(502)265-8536 General Dynamics 5809 Bucks Lane Louisville, KY 40291

Re:

Cell Site #: MNL05087

Cell Site Name: GRAND RAPIDS DT (MN)

Fixed Asset Number: 10125043

State: MN County: Itasca

MEMORANDUM **OF AGREEMENT**

This Memorandum of Agreement is entered into on this day of 201, by and between Grand Rapids Public Utilities Commission, State of Minnesota, having a mailing address at 500 Southeast 4th Street, Grand Rapids, MN 55744 (hereinafter referred to as "GRPUC") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 1025 Lenox Park Blvd NE, 3rd Floor, Atlanta, GA 30319 (hereinafter referred to as "Lessee").

- 1. GRPUC and Lessee (or their predecessors in interest) entered into a certain Lease for Communications Facility and Limited Use of Water Tower dated November 10, 2004, as amended by that certain First Amendment to Lease for Communications Facility and Limited Use of Water Tower dated August 26, 2010, as amended by that certain Second Amendment to Lease for Communications Facility and Limited Use of Water Tower dated November 18, 2013, and as further amended by that certain Third Amendment to Lease for Communications Facility and Limited Use of Water Tower dated 201 (hereinafter, collectively, the "Agreement") for the purpose of installing, operating and maintaining a communications facility and other improvements at GRPUC's real property located in the City of Grand Rapids, County of Itasca, commonly known as 936 Northwest 6th Street. All of the foregoing are set forth in the Agreement.
- 2. The remaining Term will be five (5) years commencing on December 1, 2019, with one (1) single five (5) year option to renew.
- 3. The portion of the land being leased to Lessee (the "Site") is described in Exhibit 1 annexed hereto.

4. This Memorandum of Agreement is not intended to amend or modify, and shall not be deemed or construed as amending or modifying, any of the terms, conditions or provisions of the Agreement, all of which are hereby ratified and affirmed. In the event of a conflict between the provisions of this Memorandum of Agreement and the provisions of the Agreement, the provisions of the Agreement shall control. The Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Agreement.

[NO MORE TEXT ON THIS PAGE - SIGNATURES TO FOLLOW ON NEXT PAGE]

IN WITNESS WHEREOF, the parties have executed this Memorandum of Agreement as of the day and year first above written.

GRPUC: Grand Rapids Public Utilities Commission, State of Minnesota	LESSEE: New Cingular Wireless PCS, LLC, a Delaware limited liability company
	By: AT&T Mobility Corporation Its: Manager
By:	By: Whysen
Print Name:	Print Name: Kristan Knutson Real Estate & Construction Mgr
Title:	Title:
Date:	Date:

GRPUC ACKNOWLEDGEMENT STATE OF_____ SS. COUNTY OF____) I certify that I know or have satisfactory evidence that____ is the person who appeared before me, and said person acknowledged that said person signed this instrument, on oath stated that said person was authorized to execute the instrument and acknowledged it as the of **Grand** Rapids Public Utilities Commission, State of Minnesota, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument. DATED:______. Notary Seal (Signature of Notary) (Legibly Print or Stamp Name of Notary) Notary Public in and for the State of My appointment expires:

LESSEE ACKNOWLEDGEMENT

S	TATE OF <u>Minesota</u>)) SS.		
(OUNTY OF Ramsey		
in in	s the person who appeared before menstrument, on oath stated that he/she was the REC Manager	, and as aut	I said person acknowledged that he/she signed this thorized to execute the instrument and acknowledged f AT&T Mobility Corporation, the Manager of New re limited liability company, to be the free and urposes mentioned in the instrument.
	Notary Seal	1	·
	SHANNON B. LENERS NOTARY PUBLIC MINNESOTA My Commission Expires Jan. 31, 2027	·	(Signature of Notary) Sumb. Second (Legibly Print or Stamp Name of Notary) Notary Public in and for the State of
	1		My appointment expires: 1/21/2027

Exhibit 1 to Memorandum of Agreement

Legal Description

Street Address: 936 Northwest 6th Street, Grand Rapids, MN 55744

Parcel #: 91-550-0350

That certain Site (and access and utility easements) on a portion of the real property described as follows:

[INSERT LEGAL DESCRIPTION HERE]



GRAND RAPIDS DT

FA#: 10125043 USID: 95022

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744 GENERATOR UPGRADE

OSDOCY TIDAUX WOOMEN, DAVISOR, COORNICTION OWNER, DAVISOR, DE COMPAN, DAVISOR, DE COMPAN, DAVISOR, DE COMPAN,	Sall Composition of C		GENERAL STEINHUMATION.		OTILITY INFORMATION:		SOOPE OF WORK:	APPLICANT	PROPERTY OWNER CONTACT:	PROPERTY OWNER:	COUNTY:	SITE ADDRESS:	GOVERNING CODE:		
Grand Rabids All Pairie Grand Rabids All N N E S O T A Swan River 2 Wavenia A I T K I N Jacobson J	Superior Sile Several Mahon Se	AREA MAP	(1) FAULIT IS DIRWANNED AND NOT FOR TOWNER TOWN. (2) HANDICAP ACCESSIS NOT FEGULIFED. (3) FACILITY HAS NO PLUMBING OR PARKING. (4) NO GRADING WILL BE REQUIFED FOR THIS SITE.	THESE PLANS, THE CONTRACTION SHALL VEHEY STATE AND LOCAL UTILITY NOTHERATION SERVICES BEFORE DIGGING OR DIRLUNG, ANY DAMAGE TO DISTRING UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AND ENGINEER AT THE CONTRACTIONS EXPENSE.	THE PLANS SHOW SOME KNOWN SUBSUFFACE SHOUTUHE, ABOVE SHOUND STRUCTURES AND/OR EXISTING UTILITIES BELIEVED TO BE IN THE WORKING AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIEY ALL UTILITIES, PIPELINES AND OTHER STRUCTURES SHOWN OR NOT SHOWN ON	CONNECTIONS WITH HEW EQUIPMENT, ADD NEW FENCE WITH SWING GATE CONNECTIONS WITH HEW EQUIPMENT, ADD NEW FENCE WITH SWING GATE ARQUIND GENERATOR TO MATCH EXISTING FENCE TYPES AND COLOR.	INSTALL NEW GENERAC 30KW DIESEL GENERATOR (W/ EXHAUST EXTENSION) ON NEW CONCRETE PAD, INSTALL NEW AUTOWATIC TRANSFER SWITCH (ATS) ON NTAT 1'SEL THE EXTERNE INTEGRATE EXEMINES AL ARM AND ELFCTRICAL ON NTAT SWITCH SWITCH INTEGRATE EXEMINES AL ARM AND ELFCTRICAL	SCHAUMBURG, IL 60173	218-326-7496 ATET MODEL TO	GRAND RAPIDS PUBLIC UTILITIES COMMISSION	ITASCA	GRAND RAPIDS. MN 55744	IBC & NEC	SITE INFORMATION	
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GENERAL DYNAMICS
Wireless Services
12:06 SHEINILE ROAD, STE 2:0
LOUSNILE, KY 40243
502.853.8983

BENCHMARK SERVICES, INC.

NOTES TO CONTRACTOR:

- THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND BLEWATONS SECOND STAFTIN WORK, ALL DISCREPANCIES SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK, ALL WORK SHALL BE PERFORMED IN A WORKMALIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.
- THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMAN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY RAMILAR WITH THE SPECIFEED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION.
 THE CONTRACTIOR SHALL BE RESPONSIBLE FOR ALL TEMPORAPY BEACHING.
 SHORING TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL WATIONAL, STATE AND
 LOCAL ORDINANCES TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE
 FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PARTIES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSEILUTY FOR ADS SITE CONDITIONS DURING THE COMPSET OF CONSTRUCTION OF THE PROJECT IN CLUDING THE COMPSET OF CONSTRUCTION OF THE PROJECT IN CLUDING THE SHAPE OF THE CONDITION OF THE PROJECT IN CLUDING THE SHAPE OF THE CONTRACTOR OF THE PROJECT ON DOBMINE THAT THE RECURRENT AND HOLD DESIGN ENGINEERS FOR HUTFLES ACREES TO NODEMINE AND HOLD DESIGN ENGINEERS FOR HUTFLES ACREES TO NODEMINE THE ACREES TO NODEMINE AND HOLD CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
- SITE GROUNDING SHALL COMPLY WITH AT&T MOBILITY WIRELESS SERVICES TECHNICAL SPECIFICATIONS FOR FACILITY GROUNDING FOR CELL SITE STANDARDS. LATEST EDITION, AND COMPLY WITH AT&T MOBILITY TOWERS GROUNDING CODES ARE CHECKLIST, LATEST VERSION, WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT, THEY SHALL GOVERN.
- ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS.

 PROCEDURES FOR THE PROTECTION OF EXCAVATIONS. ENSITING CONSTRUCTION
 AND UTILITIES SHALLE RESTRUCTION FOR THE STATE OF STRUCTION. IF FAR
 AND UTILITIES SHALLE RESTRUCTION STRUCTION STRUCTION STRUCTION. IF FAR
 UGHTINGS AND MARNING IS PRESENT ON SITE AND IS POWERED BY ELECTRICH.
 SERVICE THAT IS TO BE INTERRUPT D. IT IS THE CONTRACTOR SESSONSIBILITY TO
 MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE
 EVENT OF A PROBLEM. in
- ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES OF ORDINANCES, THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
- ANY DAMAGE TO THE ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE LANDOWNER AND THE
- THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIME. SILT FRANCE AND EROSSON CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SUBJE OF THE SITE AT ALL TIMES, ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- PERMITS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES,
- OF CONTRACT DRAWING WHICH SHALL BE TURNI MANAGER UPON COMPLETION OF THE PROJECT. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES SUBSTITUTIONS
 BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET
 OF CONTRACT DRAWING WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION
- RECORD PHOTOS: INCLUDE TIME/DATE STAMPED PHOTOS WITH TAPE MEASURE DEPTH VERIFICATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATION. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
- 18. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTANED FROM DRAWINGS PROVIDED BY THE SITE OWNER, CONTRACTOR SHALL NOTIFY GENERAL DYNAMICS WIRELESS SERVICES OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR
- CLEARING OF TREES AND VIGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM, ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED, ANY DAMAGE TO THE PROPERTY OUTSIDE THE LEASED PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ALL SUITABLE MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATION APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.

SEEDING AND MILICHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE COMTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING, AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A MINIMUM PERIOD OF ONE YEAR.

2

GENERAL NOTES:

- THIS PROPOSAL IS FOR THE ADDITION OF A NEW GENERATOR ON A CONCRETE PAD TO AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY.
- THE PROPOSED FACILITY WILL BE UNIMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE.
- THE PROPOSED FACILITY IS UNMANNED AND IS NOT FOR HUMAN HABITATION, NO HANDICAP ACCESS IS
- BY AT&T TECHNICIANS. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH
- OUTDOOR STORAGE AND SOLID WASTE CONTAINERS ARE NOT PROPOSED.
- SPECIFICATIONS. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT
- CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
- PROCEEDING WITH CONSTRUCTION. OWNER, CONTRACTOR SHALL NOTIFY AT&T OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM DRAWINGS PROVIDED BY THE SITE
- ELECTRICAL NOTES:

- COORDINATE LOCATION AND PROPER REQUIREMENTS OF ALL EQUIPMENT WITH AT&T MOBILITY AND EQUIPMENT SUPPLIES PRIOR TO INSTALLATION.
- COCRUMATE LOCATION AND REQUIREMENTS FOR ELECTRICAL SERVICE WITH THE PROPERTY REPRESENTATIVE, ATST AND SERVICE WITH THE PROPERTY REPRESENTATIVE, ATST AND SERVICE WITH THE PROPERTY REPRESENTATIVE, REQUIREMENTS, EXACT CONDUIT ROUTING TO BE DETERMINED IN THE FELD.
- ALL WIRING AND EQUIPMENT SHOWN ON ELECTRICAL SHEETS SHALL BE FURNISHED AND INSTALLED UNDER ELECTRICAL PORTION OF CONTRACT UNLESS OTHERWISE NOTED.
- 4 UNITERPLIPTED ELECTRICAL SERVICE FOR EXISTING EGUIPMENT SHALL BE MAINTAINED DURNG THE MOSTALLATION OF THE WORK DESCRIBED UNDERFINED THESE DOCUMENTS. TEMPORARY EGUIPMENT CASES AND WHATER BLEES BECESSAINF SHALL BE PROVIDED OF CONTRICTION AS REQUIRED TO MAINTAIN ELECTRICAL SERVICE FACILITIES. FRAUTHED IN ANY TIME SHALL AND THE DESCONNECTED ON REMOVED THE DESCRIBE AND MAINTAIN ELECTRICAL THE MOST OF CHARLATION OF THE MOST OF THE MOS
- CODENIANT NEW WORK WITH OTHER TRACES AND VERIEV EXSTING CONDITIONS TO AVOID INTERFERENCE. IN CASE OF INTERFERENCE, A TIST MOBILITY'S REPRESENTATIVE WILL DECIDE WHICH WORK IS TO BE RELOCATED, RECARDLESS OF WHICH WAS RIST INSTALLED.
- THE INSTALLATION MUST COMPLY WITH NEC AND ALL FEDERAL, STATE AND LOCAL RULES AND REGULATIONS,
- THE CHANNESS ARE DAMANICA AND CHOICH THE GRAVING CONTROL OF SYSTEMS AND BAUEWHYEUT UNLESS OFFICE THE CHAIR AND THE CHANNESS ARE DAMANICATED AND CHAIR AND CHAIR AND THE CHAIR CHAIR CHAIR AND FAUR AND CHAIR AND THE CHAIR CHAIR CHAIR AND THE CHAIR CHAIR AND THE CHAIR AND
- CONTRACTOR SHALL PAY ALL PERMITS AND FEES REGUIRED.
- ALL MATERIALS SHALL BE FURBISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STANDAPCES BELOFME.

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 B. ASTIM (AMERICAN INATIONAL STANDARGO INSTITUTE)

 B. ASTIM (AMERICAN INSTITUTE)

 C. ETI, ELECTRICAL TESTING LABERACTORY

 D. DICK, (INSTITUTE OF ELECTRICAL AND ELECTRICAN CENTRALS)

 E. REED, (INSTITUTE OF ELECTRICAL AND ELECTRICAN CENTRALS)

 F. NEST (INSTITUTE OF ELECTRICAL AND ELECTRICAN CENTRALS)

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- CONTRACTION SHALL RENEW PLANS, DETAILS AND SPECIFICATIONS IN LETAIL AND ADJUST MORK TO CONFIRM WITH ACTUAL SITE CONTROL PROPERTY CONTROL ON THE CONTROL OF THE CONTROL PROPERTY CONTROL ON THE CONTROL OF THE CONTROL PROPERTY CONTROL ON THE CONTROL ON CONTRACTION SHALL PROPERTY CONTROL PROPERTY CONTROL ON THE CONTROL ON CONTRACTION SHALL PROPERTY CONTROL ON CONTROL ON THE CONTROL ON CONTROL ON THE CONTROL ON CONTROL ON THE CONTROL
- THE CONTRACTOR OR BIODER SHALL BEAR THE RESPONSIBILITY OF NOTIFIANG (IN WAITING) ATET MOBILITY'S REPRESENTATIVE OF ANY CONFLICTS PRICK TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFECHMANCE OF WORK, IN THE FIRST OF ENGREDWASS THE CONTRACTOR SHALL PRICK THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING DITHERWISE.
- ALL FLOORS WHERE PENETRATIONS ARE REQUIRED IN BUILDING ARE TO BE CORE DRILLED AND THEN FIREPROORED.

- PROVICE PULL BOXES AND JUNCTION BOXES WHERE SHOWN OR AS REQUIRED BY CODE SUCH THAT NO MORRE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL) EXIST NY ON CONDUIT BUN.
- ALL POWER AND CONTROL/INDICATION WIRING SHALL BE TYPE THHN/THWN BOOV RATED 75 DEGREES CELSIUS, UNLESS NOTED OTHERWISE.
- CONDUIT BENDS SHALL BE MADE IN ACCORDANCE WITH NEC TABLE 346-10. NO RIGHT ANGLE DEVICE OTHER THAN STANDARD CONDUIT ELBOWS WITH 12" MINIMUM INSIDE SWEEPS CHA ALL CONDUITS 2" OF LARGER.
- POWER WIRING SIZE SHALL NOT BE SMALLER THAN #12 AWG.
- ALL WIRING SHALL BE COPPER. ALUMINUM WILL NOT BE ACCEPTABLE. ALL POWER CIRCUITS SHALL CONTAIN A GROUND WIRE.
- PHASE MARKINGS TO BE USED AT POWER CONDUCTOR TERMINATIONS.
- CONTRACTOR SHALL ENSURE INTEGRITY IS MAINTAINED WHEN INSTALLING CONDUIT AND WIRING.
- INSTALL PULL STRING IN ALL CONDUIT.
- POR ROOFTOP INSTALLS AND BUILDOUTS, CONDUITS INSIDE BILLDING AND ON ROOF SHALL BE ROS, UNIVESS OTHERWAYE NOTED. FOR RAW LAND STIES AND COLOCATES PYC. SCHEDULE BO SHALL BE UTILIZED UNLESS NOTED OTHERWISE.
- MAINTAIN MINIMUM 1:0" VEHTICAL AND 1:0" HORIZONTAL SEPARATION FROM ANY MECHANICAL GAS PIPING.
- 11. ALL WIRING ROUTED IN PLENUM TO BE PLENUM RATED OR IN METALLIC FLEX (LIQUIDITITE) CONDUIT.
- 12. INSPECTION WINDOWS ARE REQUIRED ON ALL INDOOR LUGS.

C. EQUIPMENT

- EQUIPMENT/PARTS CONNECTED TO EXISTING PANELS, DUCTS, ETC, SHALL MATCH THE CHARACTERISTICS (A/C, V, A) OF THAT EQUIPMENT.
- 2. ALL ELECTRICAL EQUIPMENT OUTSIDE SHALL BE NEWA OR 3R RATED.
- D. GROUNDING
- ALL GROUND CONNECTIONS TO BUILDING SHALL BE MADE USING TWOHOLE CONNECTIONS. PROVIDE STAINLESS STEEL BOLTS AND LOCK WASHERS ON ALL MECHANICAL GROUND CONNECTIONS.
- ALL EQUIPMENT SURFACES TO BE BONDED TO GROUNDING SYSTEM SHALL BE OF A STRIPPED OF ALL PAINT AND DIRT. CONNECTIONS TO VARIOUS METALS SHALL BE OF A TYPE AS TO NOT CAUSE A GALVANIC OR CORROSIVE REACTION, AREA SHALL BE REPAINTED WITH COLD GALVANIZE SPRAY FOLLOWING BONDING.
- ANY METALLIC ITEM WITHIN $\theta^{\scriptscriptstyle \circ}$ OF GROUND CONDUCTORS MUST BE CONNECTED TO THE GROUNDING SYSTEM.
- EXTERIOR, ABOVE GRADE GROUND CONNECTIONS SHALL BE FURNISHED WITH A LIBERAL PROTECTIVE COATING OF ANTHOXIDE COMPOUND.
- ALL MATERIALS AND LABOR REQUIRED FOR THE GROUNDING SYSTEM AS NODICATED ON THE PLANS AND DETAILS, AND AS DESCRIBED HEREIN SHALL BE FURNISHED BY THIS CONTRACTOR NUMESS OTHERWISE NOTED.
- EXACT LOCATION OF GROUND CONNECTION POINTS SHALL BE DETERMINED IN FELD.
 ADJUST LOCATIONS INDICATED ON THE PLANS ACCORDING TO ACTUAL EQUIPMENT
 LOCATIONS TO KEEP THE GROUND CONNECTIONS CAPLES AS SHORT AS PROSSIBLE USE
 EXISTING GROUNDING LOCATION ON ATS IF AVAILABLE.
- PROVICE ALL ELETRICAL SYSTEM AND SELIPAREN CROUNSE AS REQUIRED BY THE CURRENT ENTING ALL ELECTRICAL COSTEM AND CONTINUED WHERE REQUIRED HOUSE SHILL BE RESTALLED AT ALL PROCESS. THE TO WANTAKE RESUMED HOUSE SHOWS THE MORE SHOULD BY THE CURRENT ENTING AS SECURING BY THE CURRENT ENTING AS SECURINED BY THE CURRENT ENTING AS SECURINED BY THE CURRENT ENTING AS SECURINED BY THE CURRENT ENTINE AS SECURING AS SECURINED BY THE CURRENT ENTINE AS SECURINED BY THE CURRENT ENTINE AS SECURING AS SECURINED BY THE CURRENT ENTINE AS SECURINED BY THE CURRENT ENTINE AS SECURING AS SECURINED BY THE CURRENT ENTINE AS SECURING AS SEC
- ALL EQUIPMENT GROUND CONDUCTORS SHALL BE TIN COATED, #2 AWG COPPER UNLESS NOTED OTHERWISE ON THE DRAWINGS.

INSPECTION/DOCUMENTATION

- INCLUDE TIME/DATE STAMPED PHOTOS WITH TAPE MEASURE VERIFICATION FOR ALL BURIED CONDUIT.
- THE CONTRACTOR LIFON COMPLETION OF HIS WORK, SHALL PROVIDE ASSULT, DRAWNIOSS, INFORMATION SHOULD BE GIVEN TO THE GENERAL CONTRACTOR FOR INCLUSION IN PIAAL AS BUILT SUPPEY DOCUMENTS TO BE GIVEN TO THE GWINER.
- CONTRACTOR SHALL SUPPLY DOCUMENTATION ATTESTING TO THE COMPLETE GROUND SYSTEM'S RESISTIVITY (MAX. 5 OHMS).
- AN ELECTRICAL INSPECTION SHALL BE MADE BY AN INSPECTING AGENCY APPROVED BY AT'S TIMOBILITY'S REPRESENTATION. CONTRACTOR SHALL COORDINATE ALL INSPECTIONS AND DETAIN POWER CONFIDENCE.
- CONTRACTOR SHALL HAVE ATS AND GENERATOR RELAY INSTALLATION AND CONNECTIONS INSPECTED BY OTHERS TO ENSURE THAT UL LISTING FOR THAT EQUIPMENT IS NOT VOICED.

GENERAL DYNAMICS Wireless Services 12906 SHEBWILE PADA STE 230 10015WILE (Y 40243) 502:653:663

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Consultin Land S	SERVIC
Consulting Engineers Land Surveyors PO Box 5 318 North Main Street	SERVICES, INC.

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THIM WHITHING		RENCE ADDITION	100% CDs	DESCRIPTION	DRAWING REVISIONS	Phone: (812) 683-3049
HILL		4/22/22	3/5/21	DATE	EVISION	683-3049
		MOB	ABB	ВУ	S	



GRAND RAPIDS DT

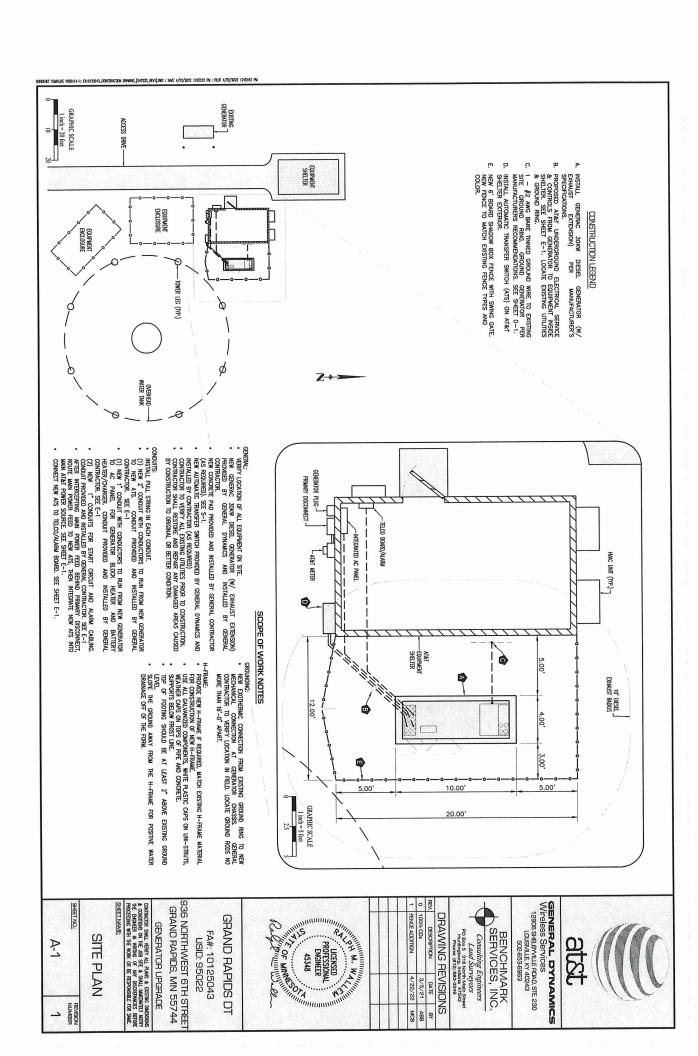
FA#: 10125043 USID: 95022

936 NORTHWEST 6TH STREE GRAND RAPIDS, MN 55744 GENERATOR UPGRADE

CONTRACTOR SHALL VERBY ALL PLANS & EXSTING DIMED & CONDITIONS ON THE JOB SITE & SHALL MANEDATERY I THE ENGINEER IN WRITING OF ANY DISCREPANCIES B PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR S

GENERAL NOTES

SP-1



UL. 142 DOUBLE WALL FUEL TANK BASE SPECIFICATION

FIEL TANK BASE CONSTRUCTION IN ACCORDANCE WITH UNDERWRITERS LABBRATGRES STANDARD

UL-142. BE CONSTRUCTED IN ACCORDANCE WITH FLAWARDE AND CONBUSTIBLE
LUCIUS CODE. NEW AS: THE STANDARD FOR INSTLATION AND USE OF STATIONARY

COMBISTIBLE BIGINE AND CAS TURBINES, NFPA 37; AND THE STANDARD FOR

EMERGENCY AND STANDER POWER STEELS, NFPA 110.

ANCHOES MANULAI (1) 0 5/8" FOR 681-65T MOLUTING

SUB BASE TANK TESTING: PRIMARY TANK AND SECONDARY CONTAINABLY BASIN

SECTIONS SHALL BE RECSURED AT A 3-5 FSI AND USAC-OFFICED TO BISURE

MITGRIT OF SUB BASE WILD STAND FED UL-142 STANDARD

FILE LONG SHALL SHALL BASE TANK AND LONG THE TANK CAPACITY TO

PREVENT ESCORE OF AUGUST ASSESSMENT OWN

FUEL CONTAINABLY BASIN: SUB BASE TANK SHALL INCLUDE A WELDED STEEL

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CONTAINABLY BASIN: SUB BASE TANK SHALL INCLUDE A WELDED STEEL

CONTAINABLY BASIN: SUB BASE TANK SHALL INCLUDE A WELDED STEEL

A FUEL CONTAINABLY BASIN LEAK DETECTOR SWITCH SHALL BE PROVIDED. 3.2 3.3 3.5 3.6 4.0 1.3 1.4 2.0 3.1 11.0 GENERAL CONDITIONS
11.1 DESIGN AND CONSTRUCTION OF ALL WORK SHALL CONFIDENT TO LOCAL BUILDING CODES, SAUDARDES, AND 318-11. IN CASE OF CONNLOT BETWEEN THE CODES, SAUDARDES, RECULATIONS, SECEPACHIONS, GENERAL MOTES AND/OR ANUNCOURSE'S RECULATIONS, SECEPACHIONS, GENERAL MOTES AND/OR ANUNCOURSE'S RECULATIONS, SECEPACHIONS, GENERAL MOTES AND MOTES AND ANUNCOURSE OF REALEST THAT THE EQUIPMENT OF RESPECTANCE ON INTERPOLACION OR THE EXPECTIVE SHALL EXCLUPANT THE ARCHITECT, THE DRIVENES, TECH. CONSTRUCTION AND THE ARCHITES THAN ANY LUMITER THOM ANY LUMITER THOM THE WORKEN AND THE WORK AND ANALYSIS OF THE FOUNDATION, THE MINIMUM NET SOIL BEARING DAMPORTY SHALL BE ASSUMED TO BE 2000 PSF. 1.2 = 5 4.3 4.2 13.1 GOMERTE

STORE TO A TOWNER CODES AND STANDARDS:

13.1 METT OR TOWNER OF THA DARD PRACTICE
DESIGN:

AD 319-11

AD 31 STRUCTURAL GENERAL NOTES DOUBLE WALL FUEL TANK BASE SPECIFICATION 2000 PSE: 2000 PSE DREAME AND / OR OTHER UNSUTRIBLE MATERIA, SHALL BE RELAYED FROM ALCOEPIAGE AND SUAG SUBGRAUE AND BUCGFILL AREAS, AND THEN BECKFILLED WITH ACCEPTAGE GENARULAR FILL COMPACTED TO SS FREACHT OF MAXIMUM DESISTY AT POPULUM MOSTRUE CONTROL (SAND 10537).

THE CONTRACTOR SHALL PROVIDE ALL RECESSION OR STRUCTURAL SUBGRAUE BEFORE RROST, OR TOE FROM PENETRAL MY FOOTING OR STRUCTURAL SUBGRAUE BEFORE AND AFTER PLACING OF CONCRETE, AND UNTIL SUCH CONCRETE HAS FULLY CURED. FINISHED-GRADE FOUNDATION PLAN VIEW -OUNDATION SECTION A-A 12" THICK MECHANICALLY—COMPACTED GRANULAR FILL 1'-0" (TYP.) 6" (TYP.) 7" © BOLTS OUTLINE OF-€ BOLTS 4" \triangleright -Q 1/2" DIA. HILTI HVA ADHESIVE ANCHORS (STAINLESS HAS ROD) W/ 6" EMBEDMENT. (MIN. 4 ANCHORS) 6x6 (W2.1/W2.1, 8 GAUGE) SHEET WIRE MESH (W2.1/W2.1, 8 GAUGE) WIRE MESH FOUNDATIONS ARE DESIGNED FOR AN ASSUMED MINIMUM NET SOIL BEARING CAPACITY OF 2000 PSF -OUTLINE OF GENERATOR BASE 10'-0" 8'-10" 10'-0" UNDISTURBED SOIL-3/4" TO 1" CHAMFER CONDUIT TURN UP AREA 2'-10" BOLT CENTERS 2" CVR. SEE SITE PLAN ON DRAWING A-1 FOR ORIENTATION OF GENERATOR SLAB / CONDUIT STUB-UPS **Q** CONDUITS COORDINATE THE SIZE & LOCATION OF CONCRETE BLOCKOUT WITH GENERATOR DRAWINGS

25-

100% CDs FENCE ADDITION

4/22/22 MCB

DESCRIPTION

DRAWING REVISIONS

Consulting Engineers

Land Surveyors

PO Box 5 318 North Main Street
Huntingburg, Indians 47542
Phone: (812) 683-3049

⋑

Wireless Services

12906 SHELBYVILLE ROAD, STE. 230 LOUSIVILLE, KY 40243 502-653-6963

BENCHMARK SERVICES, INC.

4'-0

3/4" TO 1" CHAMFER ALL EXPOSED EDGES

PROFESSIONAL ENGINEER ASJAN AS

GRAVEL ALL AROUND, AGG.

MAX 3/4", 4" THICK BED

FOUNDATION Ś DETAILS

_PROPOSED

936 NORTHWEST 6TH STREE

GRAND RAPIDS DT

FA#: 10125043

USID: 95022

GRAND RAPIDS, MN 55744

GENERATOR UPGRADE

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936 NORTHWEST 6TH STREE GRAND RAPIDS, MN 55744

GENERATOR UPGRADE

GRAND RAPIDS DT

FA#: 10125043 USID: 95022 PROFESSIONAL ENGINEER ASSAULT OF MANAGEMENT ASSAULT OF MANAGEMENT ASSAULT OF MANAGEMENT OF MANAGEMEN

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WIRING DETAILS

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GENERAL DYNAMICS
Wireless Services
12906 SHERWILLE FOAD, STE 230
LIUSINILLE, KY 40243
502.653.6883

BENCHMARK SERVICES, INC.

TENCE ADDITION

DRAWING REVISIONS

DESCRIPTION

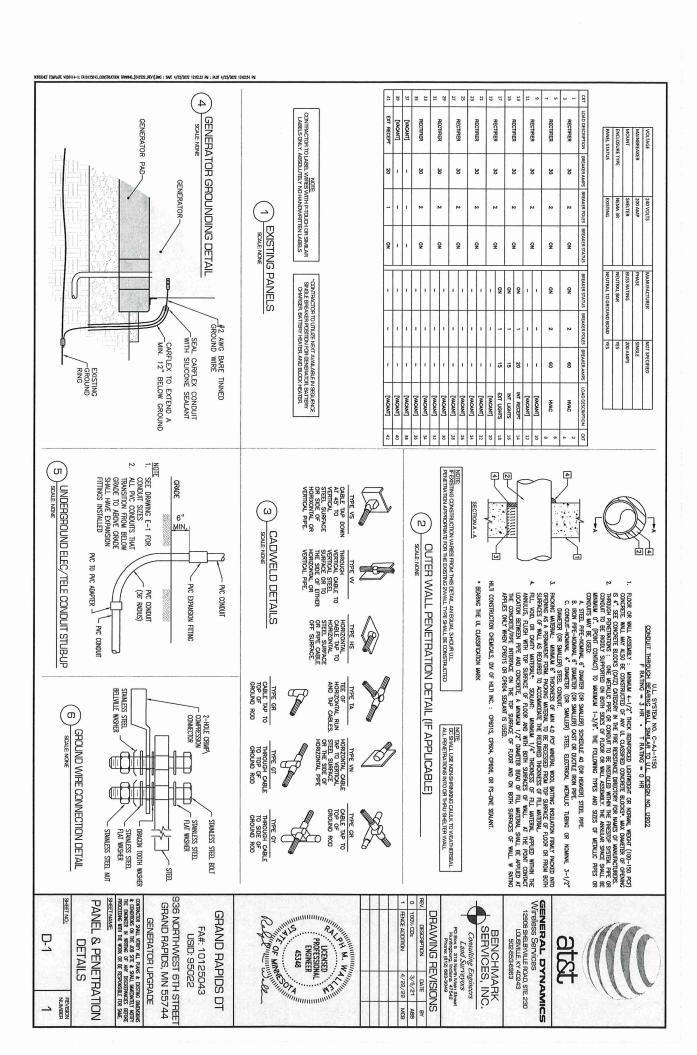
DATE BY 3/5/21 ABB 4/22/22 MCB Consulting Engineers

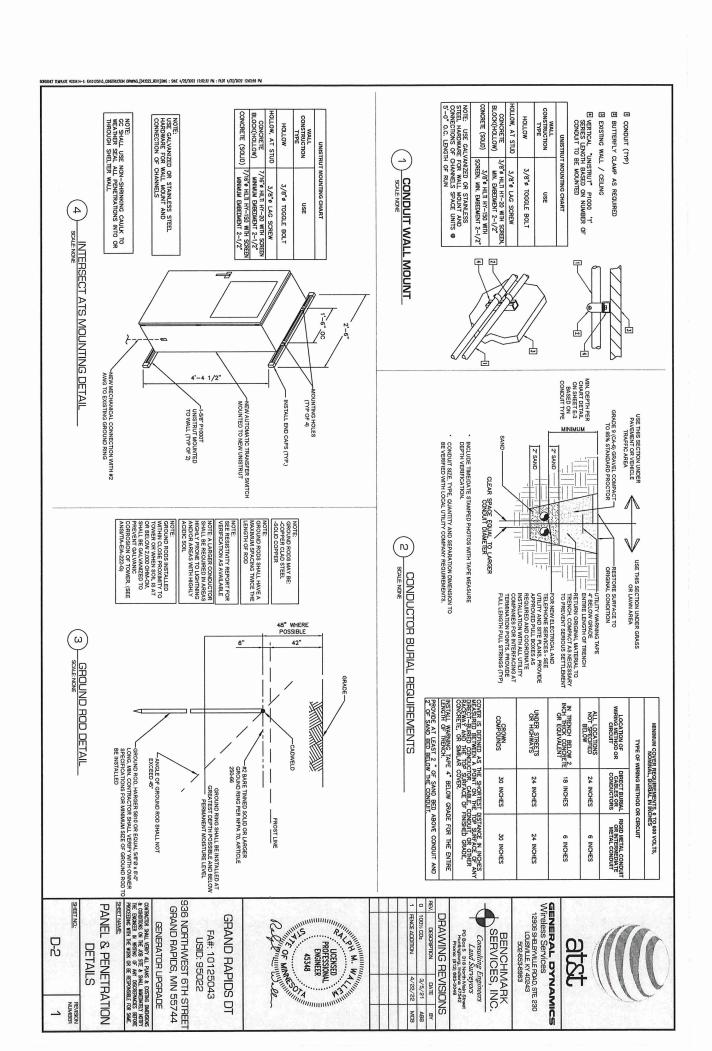
Land Surveyors

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Huntingburg, Indiana 47542

Phone: (812) 683-3049





INDUSTRIAL DIESEL GENERATOR SET 2.2L | 30 kW

CONFIGURABLE OPTIONS

ENGINE SYSTEM

CIRCUIT BREAKER OPTIONS

CONTROL SYSTEM

 10A UL Lidwd Ballery Charger
 Ballery Warmer ELECTRICAL SYSTEM NOT Flood ble Fire! Line

© Extended Factory Testing
© 8 Position Load Center
© Pad Viltration Isolation GENERATOR SET

CONTROL SYSTEM Coxiant Heater Isolation Ball Valves
 Fluid Containment Pan ENGINE SYSTEM ENGINEERED OPTIONS

ALTERNATOR SYSTEM

FUEL TANKS

O UL2005 Tank
O Stainless Steel Tanks
O Special Feel Tanks
O Verd Extensions

Spare Inputs (x4) / Outputs (x4)
 Battery Disconnect Switch

 Special Testing C 3d Breaks System GENERATOR SET

GENERAC INDUSTRIAL

 Oil Heater
 Critical Silencer (Open Set Only)
 Critical Silencer (Open Set Only)
 Critical Fan and Bell Guards (Open Set Only) FUEL SYSTEM Main Line Circuit Breaker
 2nd Main Line Oficuit Breaker
 Shurt Trip and Audilary Contact
 Electronic Trip Breakers ENCLOSURE

ALTERNATOR SYSTEM

Atternator Upsizing
 Arth-Occessisation Heater
 Tropical Coating
 Permanent Magnet Excitation

 Weather Protected Endocate
 Linn's Count Encounter
 Linn's Count Encounter
 Linn's Count Encounter
 Linn's Count Encounter
 Sephire Counter
 Management
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 Se WARRANTY (Standby Gensets Only)

2 Year Extended United Warrarty
 5 Year Limited Warrarty
 5 Year Extended Limited Warrarty
 7 Year Extended Limited Warrarty
 10 Year Extended Limited Warrarty
 10 Year Extended Limited Warrarty

FUEL TANKS (Size On Last Page)

o 8 in [2012 mm] fill Edenskin
o 15 in (500 Z mm) fill Edenskin
o 16 in (500 Z mm) fill Edenskin
o 16 in (600 Z mm) fill Edenskin
o 5 in (600 Z mm) fill Edenskin
o 5 in (600 S mm) fill Edenskin S mm)
o 6 in (600 S mm) fill Edenskin S mm)
o 16 in (700 S mm)
o Fill (700 S mm)
o Fill Fill Edenskin S mm)
o Fill Edenskin S

Lubrication System

SD030 | 2.2L | 30 kW INDUSTRIAL DIESEL GENERATOR SET

GENERAC' INDUSTRIAL

EPA Cartified Stationary Emergency

APPLICATION AND ENGINEERING DATA

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GENERAL DYNAMICS
Wireless Services
12906 SHLBWILLE PADD, STE 230
LIOUSBULLE, IY 40243
502-653-6863

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BENCHMARK SERVICES, INC.

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ENGINE SPECIFICATIONS

Cooling System

ruel bystem

Engine Electrical System

100% CDs

RENCE ADDITION

DATE BY 3/5/21 ABB 4/22/22 MICB

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Consulting Engineers

Land Surveyors

Po Box 5 318 North Main Street

Hunthopburg, Indiana 47542

Phone: (812) 683-3049

SPEC SHEET

ALTERNATOR SPECIFICATIONS

Standard Modal	K0035124721
Poles	4
Field Type	Flowskering
Insubition Class - Roles	H
JORES - SEET ROPERING	Н
Tetal Harmuni Distornon	422 (FIRES)

SPEC SHEET

LUCENSED PROFESSIONAL ENGINEER ASSAULT ASSAULT

GRAND RAPIDS DT

FA#: 10125043

USID: 95022

936 NORTHWEST 6TH STREE GRAND RAPIDS, MN 55744

GENERATOR UPGRADE

NIRACTOR SHALL YEARY ALL PLANS & DISTING DIADISONS CONDITIONS ON THE JOB SITE & SHALL IMAEDIATELY NOTIFY EDUCATION OF MAY DISCREPANCIES BEFORE DOCUMENT HE WOOK OR BE RESPONSIBLE FOR SME

DETAIL - FOR REFERENCE ONLY

9

GENERATOR DETAILS

SD030 | 2.2L | 30 kW INDUSTRIAL DIESEL GENERATOR SET MOTOR STARTING CAPABILITIES (SKVA) POWER RATINGS OPERATING DATA EPA Certified Stationary Emergency GENERAC INDUSTRIAL

也 dinnamarii di

WEATHER PROTECTED ENCLOSURE

FUEL CONSUMPTION RATES*

Diesel - gph (Lph) Standby

COOLING

COMBUSTION AIR REQUIREMENTS

EXHAUST

"* Refer to "Enixolate Data Sheet" for maximum bHP for EPA, and SCACIAD permitting purposes

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SPEC SHEET

Spread Prepri Systems, Inc. | P.O. Dox 8 | Wardousha, VI 53109 Pt. (262) 544-4511 42016 Date for Prepri Systems, Inc. All rights re

SD030 | 2.2L | 30 kW INDUSTRIAL DIESEL GENERATOR SET

GENERAC INDUSTRIAL

DIMENSIONS AND WEIGHTS*







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22	13	52		_	0	-	SEI

75	43	-83	No Tark	OPEN S
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XX (000,1) 0,87	132 500	43
76.9 (1.930) x 3	046000	-16
15.0 (1,930) x 3		No Tars
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PEN	SET (Include	PEN SET (Includes Exhaust Flex)	
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o Taris		76.0 (1,930) x 12.4 (350) x 44.6 (1,130)	1,6
87	046040	(630.1) 0.75 × (690) v.25 × (000,1) 0.97	2.1
43	132 (50)	28.0 (1,000) x 32.4 (860) x 69.8 (1,773)	2,24
75	211 (799)	26.0 (1.606) x37 4 (250) x 01.8 (2.676)	256
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	0460.00	(638.1) 0.75 × (660) v. 25.3 (0681) 0.87	
	(32 (50))	76,0 (1,000) x 32.4 (850) x 69.8 (1,773)	
	211 (799)	25.0 (1,500) x37.4 (250) x 01.0 (2,076)	
- 1	300 (1,135)	92.9 (Z,340) x 12 4 (950) x 01.6 (Z,076)	

GENERAL DYNAMICS
Wireless Services
12906 SHERWIZE PAID, STE 230
LIUSNULL, KY 40243
502.6358883

BENCHMARK SERVICES, INC.

Consulting Engineers

Land Surveyors

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Huntingburg, Indian 47542

Phone: (812) 883-3049

(Sale)	して発入日・衛(印度)	Weight Endo	Enclosure (val)
ENT.		Steal	Alumban
ý.	94.8 (7.404) 2.00.0 (905) 2.49.5 (1.258)		
4 (204)	94.8 (2,400) x 38.0 (965) x 82.5 (1,588)		244
0.000	948 (2,400) x36.0 (915) x74.5 (1.893)	0.70	(013)
(689)	94.8 (2,40t) x 38.0 (963) x (4.5 (2,190)	1	Arrest.
(EC1.3)	94.8 (2.406) x 35.0 (0.65) x 10.0 (2.195)		
COUSTIC	COUSTIG ENGLOSURE		
0000110	LHOLOGOIL		

DRAWING REVISIONS
EX. DESCRIPTION DATE BY
100%: CDs 3/5/21 ABB
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107	75	47	12	No Task	Flori Daye - House	LEVEL
300 (1,136)	2(1 (799)	122 (501)	54 (20 0		Carecto Ordered Publish	ACCUSTIC
112.5 (2.657) x 28.0 (985) x	112.5 (2,967) x 050 (960) x	112/5 (2,807) x 38.0 (969) x	112-0-(2352) X-38-0-(660) X	112,5 (2,857) x 38.0 (84.) x	अधेष-भुरक्षित	LEVEL 1 ACCUSTIC ENGLOSURE

House House	(1986) (1986)	上支骨支柱、直面而6	Endo: Stead
No Task		112.5 (2,857) x 31.0 (815) x 40.5 (1,258)	
19	54 (204)	117.0 (2,657) x 36.0 (660) x 62 6 (1,567)	107
47	(108) 221	\$10,00 P. V. (890) 0.88 x [7,005] 8.211	2002
75	2(1 (799)	(0412) \$367 (080) (357/552) £20	(tree)
707	(9E1, 1) DOE	(48) 2) 438 × (89) 638 × (68) 2) 4291	

Translate .	LEVEL 2 ACOUSTIC ENCLOSURE		
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LICENSED PROFESSIONAL ENGINEER ASJAG ASJAG AND ASJAG A

EVEL 2	ACOUSTIC	LEVEL 2 ACOUSTIC ENCLOSURE		
Nun Tens	Caracity Usalide	Onto PARKT	Weight Enclose	(64) stg
SIRM	2		Store	Atsusten
No Tank	,	0.99 D 118 X 690 0.85 X 0.0 V 2 V 0.18		
19	54 (204)	142 g 407 x 38 0 1943 x 14 J 4,48 b		
47.	132 (501)	948 (2,407) x 38.0 (060) x 36.1 (2,186)	1707	1921
75	211 (799)	(185-2) 1.86 x (250) 0.35 x (0.05/2) 3.16	2000	lane.
107	200 (1.125)	24B (245 0 25 0 25 0 25 1 245 1		

201 (790) 112.5 (2.62) x 05.0 (85) x 85.5 (2.140) 200 (1.145) 112.5 (2.62) x 05.0 (85) x 85.5 (2.140)	
112.5 (2.937) x 38.0 (887) x 36.5 (2.191) 112.6 (2.937) x 38.0 (887) x 36.5 (2.193)	
(0.22)	

SPEC SHEET

GRAND RAPIDS DT

FA#: 10125043 USID: 95022

Part No., 100/00024542 Rev. B 08/27/18

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744 GENERATOR UPGRADE

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GENERATOR DETAILS

GENERATOR MANUFACTURER DETAIL - FOR REFERENCE ONLY

9

SHEET NO.:

TTS Series Switches

200 Amps

SOO VAC

GENERAC' INDUSTRIAL

TAS200

200A Automatic Transfer Switch

The Generac TAS200 Automatic Transfer Switch

Designed with a 6 inch touch screen controller for improved user interface

Camlock functionality for mobile generator sources

Multiple generator support with 3 source panel Flexibility for multiple application installations

TAS200

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Features

Generac products are designed to the following standards: Codes and Standards

Alarm Terminal Board

Generator Amunciator Connector

200
330NLOM. #5 AWG
330NLOM. #5 AWG
330NLOM. #5 AWG
330NLOM. #5 AWG
00utsch DINAG-1279-LOT2
Generator Flan - Namm
Generator Flai - Non-Sown Alam
Generator Flai - Non-Sown Alam
Low Flaif Alarm
Low Flaif Alarm

Maximum RMS Symmetrical Fault Outren: - Amp Protective Device Continuous Rating (Max) Amp

Voltage/Phase/Amps

120/240 Slingle-Phase, 200A 120/208 3-Phase, 200A 120/208 3-Phase, 200A 120/240 3-Phase, 200A Eaton 200 amp Ullilly Breaker Eaton 200 amp Generator Breaker 25k AUC Rated

100% CDs RENCE ADDITION

3/5/21

DRAWING REVISIONS

DESCRIPTION

Consulting Engineers

Land Surveyors

Po Box 5 - 318 North Main Street

Huntingburg, Indiana 47542

Phone: (812) 883-3049

BENCHMARK SERVICES, INC.

Mounting Options

UL Type / NBMA 3R Rated
Powder Coat Finish for Corrosion Resistance
C-US-US Listed - Automatic Transfer Switch
Stainfess Steel Harthrete

GENERAL DYNAMICS
Wireless Services
12906 SHEAWILE POAD, STE 230
LIUGNILLE, KY 40243
502-653-658

Single Chamber with Main Door 24"W x 12"D x 48"H 210 lbs.

Application and Engineering Data

Pre-wired alarm terminal strip

UL1008, UL508, UL50, CSA C222 No. 178

 STAINLESS STEEL HARDWARE NEMA 3R ENCLOSURE WITH HINGED "PADLOCKING" DOORS • STEEL CONSTRUCTION

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UCENSED PROFESSIONAL BNGNEER 45348

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Optional Features

 UL1008 LISTED - FOR EMERGENCY SYSTEMS TEST FUNCTION - FAST TEST & NORMAL TEST ■ OPERATIONAL STATUS VIEW VIA 6 INCH TOUCH SCREEN CAMLOCK "QUICK CONNECT" CAPABILITY

(F)

NEC 700, 701 and 702

THREE-PHASE VOLTAGE CONFIGURATIONS

EXTENDED WARRANTY

NEMA 250





GENERAC ATS DETAILS

COMPRATION SHALL YESRY ALL PAINS & EXSTING DIRENSONS
THE EXCHAETER IN WERTING OF MY DISCREPANIESS BETORE
PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744

GENERATOR UPGRADE

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FA#: 10125043 USID: 95022

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11.

Touch Screen Interface







TAS200

TTS Control Systems

GENERAC' INDUSTRIAL

DETAILS SCREEN

System Ready indicator
 Standby Operating indicator
 Utility Available indicator
 GEN/UTIL Switch Position Indicator
 TVSS stabus

Normal Test button
 Fast Test button
 Aeturn to Normal button
 Reset button
 Exercising indicator

NDICATORS AND BUTTONS

ystem Settings:

Time of day
Day of week
Exercise:

Exercise Settings:

- Exercise with/without load
- Exercise once every 1, 2, or 4 weeks.
- Exercise time-of-day
- Exercise day of week
- Exercise duration: 15-30 minutes

- System VoltagoPhasest:
 120/240V single phases (standard)
 120/240V single phase (pational)
 120/240V single phase (pational)
 120/240V three phase (pational)
 120/240V three phase (pational)
 100/240V three phase (pational)
 100/240V phase: 75-55% of nominal voltage
 Under Voltage: 75-55% of nominal voltage
 Over Voltage: 65%-125% of nominal voltage
 Poloup (hysterists): rived at 5 volts
 Deby fune: 0-60s
 Bdum to Ubilly Timer: 1-30 mixutes
 Tracter. - Im-phase, or
 - Time-Delay-Neutral at 0.0-10.0s in 1 second increments
- Brightness & Contrast button
 Screen Calibration button
 Startup/Clean screen

Screen Settings:

- Digital I/O bits status
 Voltage A/D readings
- System Ready
 Trousfer switch position
 Italy available
 Startifly available
 Startifly available
 Maintenance Aution switch position
 Generator source 113 position
 TVSS status Mimic Diagram:

Engine Warm-up timer, 0-20 minutes
 Generator Load Accept:
 Time-Delay-Neutral at 0.0-10.0s in 1 second increments
 -Voltage: 85-95% of nominal
 -Prequency: 85-95% of nominal
 -Engine Mainum Nat Timer: 5-93 minutes
 -Engine Coolcown Timer: 0-20 minutes

Engine Settings:

Génerat Power Systems, Inc. • S45 W29290 HWY, 59, Walikesha, WI 53188 • generat.com cotts devec Power Systems, Inc. 44 gifts navred. Il spedicitione en ubject to dauge Vates mich. Belon 0186703899 (Petadle USA 031519

DETAIL - FOR REFERENCE ONLY

GENERAC ATS DETAILS

COMPACTOR SMALL YEBSY ALL PANS & EXCEND GIBERSONS
THE ENGINEER IN MERION OF ANY DISCREMENTS BEFORE
PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

936 NORTHWEST 6TH STREET GRAND RAPIDS, MN 55744

GENERATOR UPGRADE

GRAND RAPIDS DT

FA#: 10125043 USID: 95022

SHEET NO.

DESCRIPTION OATE BY
3/5/21 ABB
4/22/22 MCB

100% CDs RENCE ADDITION PROFESSIONAL ENGINEER ASSAU

DRAWING REVISIONS

Consulting Engineers

Land Surveyors
PO Box 5 318 North Main Street
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Phone: (812) 683-3049

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LOUSHULL, KY 40243
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