



Northeast Site Solutions
Victoria Masse
420 Main Street #2, Sturbridge, MA 01566
860-306-2326
victoria@northeastsitesolutions.com

July 27, 2022

Members of the Siting Council
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification
1197 Norwich Road, Plainfield, CT 06234
Latitude: 41.646324
Longitude: 71941305
T-Mobile Site#: CT11314C_NHP

Dear Ms. Bachman:

T-Mobile currently maintains six (6) antennas at the 149-foot mount on the existing 150-foot monopole tower located at 1197 Norwich Road in Plainfield. The property is owned by Plainfield Limited Inc and tower is owned by Crown Castle. T-Mobile now intends to add a 48Kw generator on a new 9'x4' concrete pad within the existing compound.

Planned Modifications:

Ground work only-Install New:

- (1) GENERAC RD 48KW AC DIESEL GENERATOR – 233-gallon double walled self-contained tank with fuel sensor. Requires two (2) 12-minute run cycles bi-weekly.
- (1) 9'x4' concrete pad



The facility was approved by the Town of Plainfield, CT on September 18, 2000. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Kevin Cunningham, First Selectman, and Mary Ann Chinatti, Town Planner. A copy is also being sent to the tower owner and property owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modifications will not result in an increase in the height of the existing structure.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, T-Mobile respectfully submits that the proposed modifications to the above referenced telecommunications facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Victoria Masse
Mobile: 860-306-2326
Fax: 413-521-0558
Office: 420 Main Street, Unit 2, Sturbridge MA 01566
Email: victoria@northeastsitesolutions.com



Turnkey Wireless Development

Attachments cc:

Kevin Cunningham, First Selectman
8 Community Avenue
Plainfield, CT 06374

Mary Ann Chinatti, Town Planner
8 Community Avenue
Plainfield, CT 06374

Crown Castle – as the property owner

Plainfield Limited Inc - as the tower owner
32 Packer Road
Canterbury, CT 06331

Exhibit A

CTI-314



Town Hall
8 Community Avenue
Plainfield, CT 06374

Telephone (860) 230-3030
Fax (860) 230-3033

THE PLAINFIELD TOWN HALL
PLAINFIELD • CENTRAL VILLAGE • MOOSUP • WAUREGAN

PLANNING AND ZONING COMMISSION

September 18, 2000

Omnipoint Communications, Inc.
100 Filley Street
Bloomfield, CT 06002

Dear Applicant:

At its meeting on Tuesday, September 12, 2000, the Planning & Zoning Commission approved your request SP-2000-05 for a Special Permit under Section 6.35 to install a telecommunications monopole with antenna and equipment compound on property located at 1197 Norwich Road, Plainfield, Map 5, Block 4, Lot 40.

The Conditions are:

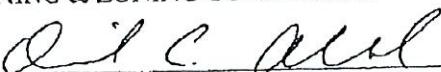
None.

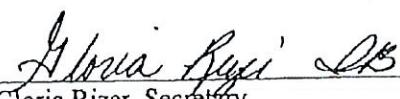
Please file the enclosed Special Permit on the Land Records in the Town Clerk's office.

A copy of the Legal Notice is enclosed for your records and will appear in the Norwich Bulletin on Wednesday, September 20, 2000.

Yours Truly,

PLANNING & ZONING COMMISSION


Dave Allard, Chairman


Gloria Rizer, Secretary

CC: Plainfield Limited Inc.
133 Packer Rd.
Canterbury, CT 06331

Exhibit B

1197 NORWICH RD

Location 1197 NORWICH RD

Mblu 005/ 0004/ 0040/ /

Acct# 00026300

Owner PLAINFIELD LIMITED INC

Assessment \$411,070

Appraisal \$723,550

PID 282

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2020	\$433,150	\$290,400	\$723,550
Assessment			
Valuation Year	Improvements	Land	Total
2020	\$303,210	\$107,860	\$411,070

Owner of Record

Owner PLAINFIELD LIMITED INC

Sale Price \$300,000

Co-Owner

Certificate

Address 32 PACKER ROAD
CANTERBURY, CT 06331

Book & Page 0223/0366

Sale Date 06/21/1994

Instrument UNKQ

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PLAINFIELD LIMITED INC	\$300,000		0223/0366	UNKQ	06/21/1994

Building Information

Building 1 : Section 1

Year Built: 1946
Living Area: 43,998
Replacement Cost: \$1,068,271
Building Percent Good: 31
Replacement Cost
Less Depreciation: \$331,160

Building Attributes

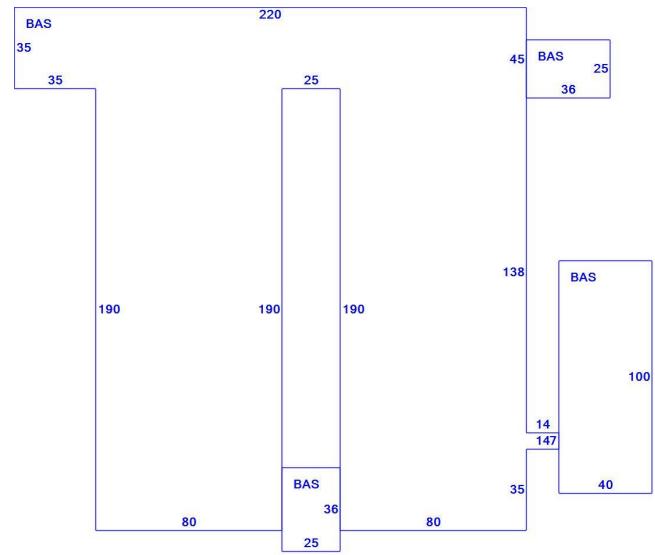
Field	Description
Style:	Warehouse
Model	Comm/Ind
Grade	C
Stories:	1
Occupancy	1.00
Exterior Wall 1	Concr/Cinder
Exterior Wall 2	Stucco/Masonry
Roof Structure	Flat
Roof Cover	Asph/F Gls/Cmp
Interior Wall 1	Cust Wd Panel
Interior Wall 2	
Interior Floor 1	Dirt/None
Interior Floor 2	
Heating Fuel	None
Heating Type	None
AC Type	None
Struct Class	
Bldg Use	IND WHSES
Total Rooms	2
Total Bedrms	00
Total Baths	1
1st Floor Use:	630C
Heat/AC	NONE
Frame Type	MASONRY
Baths/Plumbing	LIGHT
Ceiling/Wall	NONE
Rooms/Prtns	AVERAGE
Wall Height	12.00
% Comm Wall	

Building Photo



(<https://images.vgsi.com/photos/PlainfieldCTPhotos//00/00/02/22.JPG>)

Building Layout



([ParcelSketch.ashx?pid=282&bid=282](#))

Building Sub-Areas (sq ft)		Legend	
Code	Description	Gross Area	Living Area
BAS	First Floor	43,998	43,998
		43,998	43,998

Extra Features

Extra Features			Legend	
Code	Description	Size	Value	Bldg #
OD1	Overhead Dr-Wood/Mtl	2.00 UNITS	\$0	1
OD1	Overhead Dr-Wood/Mtl	1.00 UNITS	\$310	1

Land

Land Use

Use Code 4010

Land Line Valuation

Size (Acres) 59.8

Description	IND WHSES	Frontage
Zone	C	Depth
Neighborhood	1010	Assessed Value \$107,860
Alt Land Appr	No	Appraised Value \$290,400
Category		

Outbuildings

Outbuildings						<u>Legend</u>
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
PAV1	Paving-Aspalt			4400.00 S.F.	\$4,400	1
TT4	Cell Tower			150.00 HEIGHT	\$67,500	1
FN4	Fence 8' Chain			192.00 L.F.	\$2,780	1
RS5	Cell Tower Building			360.00 UNITS	\$27,000	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$433,150	\$290,400	\$723,550
2020	\$433,150	\$290,400	\$723,550

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$303,210	\$107,860	\$411,070
2020	\$303,210	\$107,860	\$411,070



Search Results

Parcel Details

1197 NORWICH RD



PLAINFIELD LIMITED INC

32 PACKER ROAD
CANTERBURY, CT 6331

Parcel ID: 005-0004-0040
Sale Price: \$300000

Links

Abutters

- Parcel Details
- Photo
- Google Map

- Bing Bird's Eye
- Property Map

PARCEL ID 005-0004-0040

PID 282

LOCATION 1197 NORWICH RD

PROPERTY ID 005||0004||0040||

BLDG VALUE 231810

LAND VALUE 107

OTHER VALUE

Scroll

About

Layers

Identify

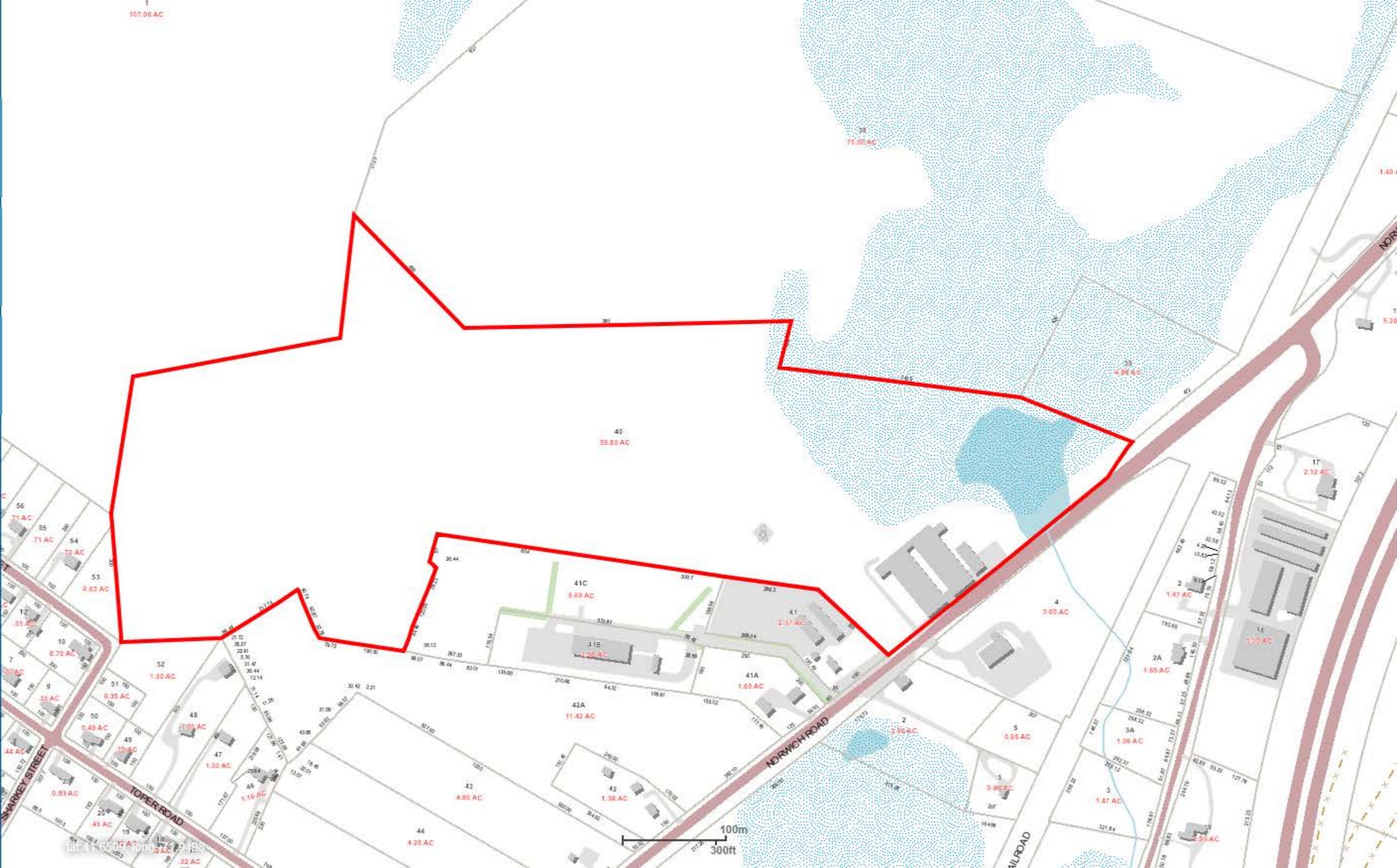
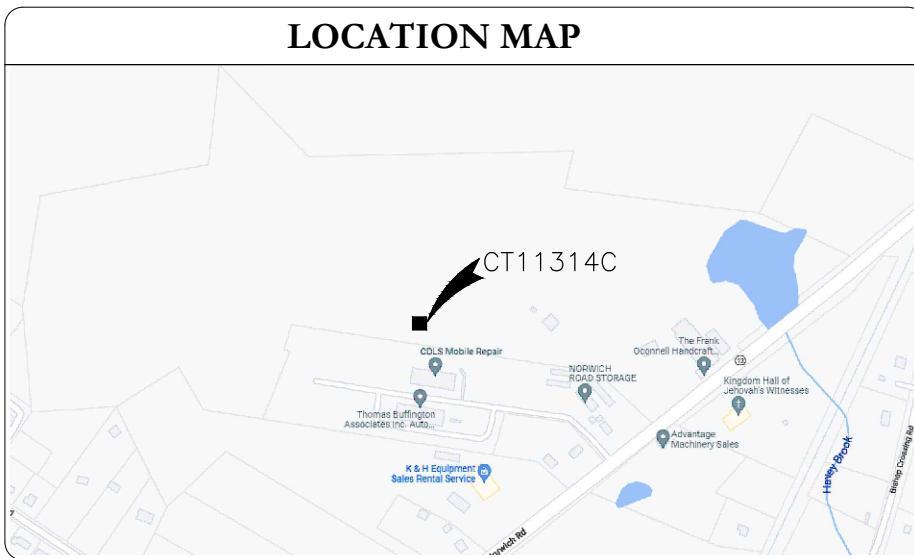


Exhibit C

T-Mobile®
T-MOBILE NORTHEAST LLC

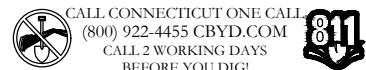
UPGRADE: GENERATOR ADD



APPLICABLE CODES/REFERENCE DOCUMENTS

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

<u>CODE TYPE</u>	<u>CODE</u>
BUILDING	2018 IBC
MECHANICAL	2018 IMC
ELECTRICAL	2017 NEC



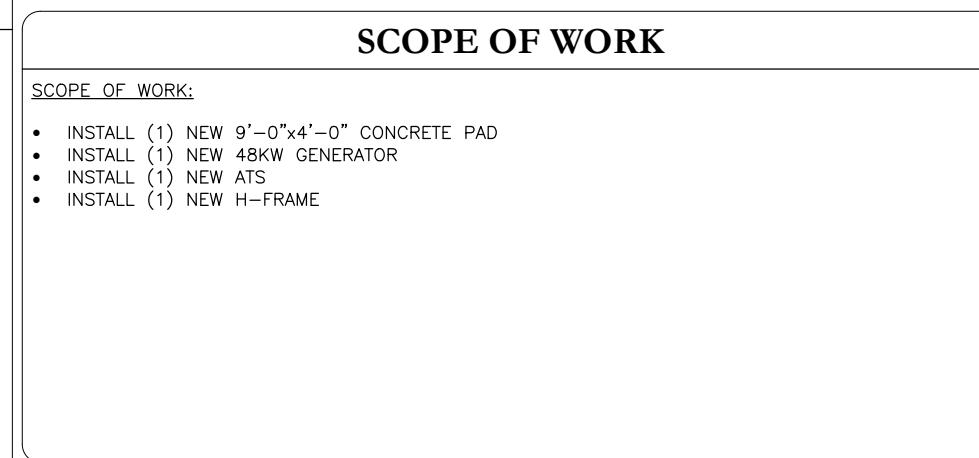
GENERAL NOTES

OCCUPANCY CLASSIFICATION: UNKNOWN

TYPE OF CONSTRUCTION: UNKNOWN

A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION

PLUMBING REQUIREMENTS: FACILITY HAS NO SANITARY OR POTABLE WATER.



APPROVALS

T MOBILE CONSTRUCTION MANAGER

T MOBILE RF ENGINEER

LAND USE PLANNER

NETWORK OPERATION

PROPERTY OWNER

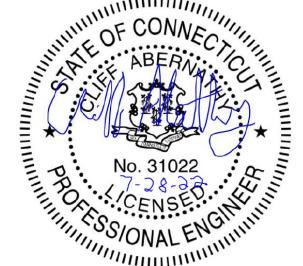
CONTRACTOR

PROJECT INFORMATION

SITE ADDRESS:	1197 NORWICH ROAD PLAINFIELD, CT 06234
COUNTY	WINDHAM COUNTY
JURISDICTION:	WINDHAM COUNTY
LATITUDE:	41.646324° N
LONGITUDE:	71.941305° W
PARCEL/APN #	UNKNOWN
ZONING	UNKNOWN
GROUND ELEVATION:	UNKNOWN
TOWER TYPE:	MONOPOLE
TOWER HEIGHT	149'-1"
PROPERTY OWNER:	UNKNOWN UNKNOWN UNKNOWN
APPLICANT:	T-MOBILE 35 GRIFFIN ROAD BLOOMFIELD, CT 06002
ENGINEER:	TRYLON TSF 1825 W. WALNUT HILL L
CONTACT:	IRVING, TX 75038
EMAIL:	MIKE MOORE MIKE.MOORE@TRYLON.COM
PROJECT MANAGER:	NORTHEAST SITE SOLUTION 420 MAIN STREET, BLDG STURBRIDGE, MA 01566
CONTACT:	MIKE MOORE
EMAIL:	MIKE.MOORE@TRYLON.COM

SHEET INDEX

SHEET #	DESCRIPTION	REVISION #
T-1	TITLE SHEET	0
T-2	GENERAL NOTES	0
C-1.1	OVERALL SITE PLAN	0
C-1.2	EXISTING ENLARGED SITE PLAN	0
C-1.3	PROPOSED ENLARGED SITE PLAN	0
C-2	DETAIL	0
C-3	GENERATOR SPECS	0
E-1	AC PANEL SCHEDULES & ONE LINE DIAGRAM	0
G-1	GROUNDING DETAILS	0
		0



IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

SHEET NUMBER: REVISION:
CT11314C 0

1. GENERAL REQUIREMENTS

A. PURPOSE AND INTENT
1. THE DRAWING AND SPECIFICATION ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY, HOWEVER, SHOULD ANYTHING BE SHOWN, INDICATED, OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE DONE THE SAME AS IF DISCREPANCIES BETWEEN REQUIREMENTS SHOWN IN BOTH, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
2. THE INTENTION OF THE DOCUMENT IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT.

A. CONFLICTS

1. VERIFY ALL MEASUREMENTS AT THE SITE BEFORE ORDERING MATERIAL OR DOING ANY WORK, NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS OR DIMENSIONS SHOWN ON PLANS SUBMIT NOTICE OF ANY DISCREPANCY IN DIMENSIONS OR OTHERWISE TO T-MOBILE FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.

2. NO PLEA OF IGNORANCE OF CONDITIONS THAT EXIST, OR OF DIFFICULTIES OR CONDITIONS THAT MAY BE ENCOUNTERED, OR OF ANY OTHER RELEVANT MATTER CONCERNING THE EXECUTION OF THE WORK WILL BE ACCEPTED AS AN EXCUSE FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL EVERY DETAIL OF ALL THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS GOVERNING THE WORK.

A. CLEANING

1. KEEP THE SITE FREE FROM ACCUMULATION OF WASTE AND RUBBISH CAUSED BY EMPLOYEES AT THE COMPLETION OF THE WORK, REMOVE ALL WASTE AND NON-CONSTRUCTION MATERIAL INCLUDING ALL CONTRACT TOOLS, SCAFFOLDING, AND SURPLUS MATERIAL AND LEAVE SITE CLEAN AND READY FOR USE.

A. CODES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING ALL LAWS, REGULATIONS, AND RULES PROMULGATED BY FEDERAL STATE AND LOCAL AUTHORITIES WITH JURISDICTION OVER THE SALTIER. THIS RESPONSIBILITY IS IN EFFECT REGARDLESS OF WHETHER THE LAW, ORDINANCE, REGULATION OR RULE IS MENTIONED IN THESE SPECIFICATIONS.

A. LICENSING

1. CONTRACTOR SHALL HAVE AND MAINTAIN A VALID CONTRACTOR'S LICENSE FOR THE LOCATION IN WHICH THE WORK IS TO BE PERFORMED. FOR JURISDICTIONS THAT LICENSE INDIVIDUAL TRADES, THE TRADESMAN OR SUBCONTRACTOR PERFORMING THOSE SHALL BE LICENSED, RESEARCHED AND COMPLY WITH THE LICENSING LAWS, PAY LICENSE FEES, AND SELECT AND INFORM SUBCONTRACTORS REGARDING THESE LAWS.

A. OSHA

1. FOLLOW ALL APPLICABLE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONS AND STATE LAWS BASED IN THE FEDERAL OCCUPATION SAFETY AND HEALTH ACT. THESE REGULATIONS INCLUDE, BUT ARE NOT LIMITED TO, REGULATIONS DEALING WITH TOWER CONSTRUCTION AND SAFETY, EXCAVATION AND TRENCHING, AND WORK IN CONFINED SPACES. ENSURE THAT EMPLOYEES AND SUBCONTRACTORS WEAR HARD HATS AT ALL TIMES DURING CONSTRUCTION.

A. PHOTOS

1. PROVIDE PHOTOGRAPHIC EVIDENCE OF ALL FOUNDATION INSTALLATIONS, GROUNDING, AND TRENCHING AFTER PLACEMENT OF UTILITIES PRIOR TO BACKFILL.

A. BUILDING PERMITS

1. CONTRACTOR WILL SUBMIT CONSTRUCTION DOCUMENTS TO THE JURISDICTIONAL AUTHORITY FOR PLAN CHECK AND REVIEW. CONTRACTOR WILL SUBMIT LICENSING AND WORKMAN'S COMPENSATION INFORMATION TO THE JURISDICTION AS REQUIRED TO OBTAIN THE BUILDING PERMIT, CONTRACTOR SHALL COORDINATE AND SCHEDULE REQUIRED INSPECTIONS AND POST REQUIRED PERMITS AT THE JOB SITE COMPLY WITH SPECIFIC PROJECT RELATED REQUESTS AND SUGGESTIONS MADE BY BUILDING INSPECTOR, AND INFORM CONSTRUCTION MANAGER OF ANY SUCH WORK THAT MAY BE BEYOND THE SCOPE OF THE CONTRACT OR DEVIATE FROM THE CONSTRUCTION DOCUMENT. T-MOBILE WILL REIMBURSE THE CONTRACTOR FEES FOR PLAN REVIEW, BUILDING PERMIT, CONNECTIONS, AND INSPECTIONS. (INCLUDED IN THE BASE PROPOSAL).

A. ZONING REGULATIONS AND CONDITIONAL USE PERMITS

1. CONTRACTOR WILL SUBMIT ALL ZONING AND CONDITIONAL USE PERMITS. SOME USE PERMITS MAY HAVE SPECIFIC REQUIREMENTS FOR THE SITE RELATED TO CONSTRUCTION, SUCH AS NOISE REGULATIONS, HOURS OF WORK, ACCESS LIMITATIONS, ETC. THE CONSTRUCTION MANAGER WILL INFORM THE CONTRACTOR OF THESE REQUIREMENTS AT THE PRE-BID MEETING OR AS SHOWN IN THE CONSTRUCTION DOCUMENTS.

A. FAA PERMIT AND TOWER LIGHTING

1. REFER TO CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGER FOR FAA AND STATE LIGHTING REQUIREMENTS. CONTRACTOR SHALL PROVIDE TEMPORARY FM APPROVED LIGHTING UNTIL PERMANENT LIGHTING IS OPERATIONAL.

A. TOWER SECURITY

1. IF REQUIRED, TOWER MUST BE FENCED, TEMPORARILY OR PERMANENTLY WITHIN 24 HOURS OF ERECTION. DO NOT ALLOW THE GATE ACCESSING THE TOWER AREA TO REMAIN OPEN OR UNATTENDED ANY TIME FOR ANY REASON. KEEP THE GATE CLOSED AND LOCKED WHEN NOT IN USE.

L. SITE CONTROL

1. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR CONTAINMENT OF SEDIMENT AND CONTROL OF EROSION AT THE SITE. ANY DAMAGE TO ADJACENT OR DOWNSTREAM PROPERTIES WILL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO T-MOBILE.
2. THE CONTRACTOR IS TO MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO STAND OR POND. ANY DAMAGE TO STRUCTURES OR WORK ON THE SITE CAUSED BY INADEQUATE MAINTENANCE OF DRAINAGE PROVISIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ANY COST ASSOCIATED WITH REPAIRS FOR SUCH DAMAGE WILL BE AT THE CONTRACTOR'S EXPENSE.
3. ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OF OFF-SITE OR AS DIRECTED BY CONSTRUCTION MANAGER AND IN ACCORDANCE WITH JURISDICTIONAL AUTHORITIES.

M. LIVESTOCK PROTECTION

1. PROTECT AND SECURE LIVESTOCK. MAINTAIN AND SECURE EXISTING PERIMETER FENCE AND/OR GATE ENCLOSURES.

2. SITE PREPARATION

A. SCOPE OF WORK INCLUDES

1. PROTECTION OF EXISTING TREES, VEGETATION AND LANDSCAPING MATERIALS WHICH MIGHT BE DAMAGED BY CONSTRUCTION ACTIVITIES.
2. TRIMMING OF EXISTING TREES AND VEGETATION AS REQUIRED FOR PROTECTION DURING CONSTRUCTION ACTIVITIES.
3. CLEANING AND GRUBBING OF STUMPS, VEGETATION, DEBRIS, RUBBISH, DESIGNATED TREES AND SITE IMPROVEMENTS.
4. TOPSOIL STRIPPING AND STOCKPILING.
5. TEMPORARY EROSION CONTROL, SILTATION CONTROL, AND DUST CONTROL CONFORMING TO LOCAL REQUIREMENTS AS APPLICABLE.
6. TEMPORARY PROTECTION OF ADJACENT PROPERTY, STRUCTURES, BENCHMARKS, AND MONUMENTS.
7. PROTECTION AND TEMPORARY RELOCATION, STORAGE AND RE-INSTALLATION OF EXISTING FENCE AND OTHER SITE IMPROVEMENTS SCHEDULED FOR RE-USE.
8. REMOVAL AND LEGDK DISPOSAL OF CLEARED MATERIALS.

B. PRODUCTS AND MATERIALS (AS APPROVED BY CONSTRUCTION MANAGER OR AS NOTED IN CONSTRUCTION DOCUMENTS)

1. MATERIALS USED FOR TREE PROTECTION, EROSION CONTROL, SILTATION CONTROL, AND DUST CONTROL.

3. EARTHWORK

A. SCOPE OF WORK INCLUDES

1. EXCAVATION, TRENCHING, FILLING, COMPACTION, AND GRADING FOR STRUCTURES, SITE IMPROVEMENTS AND UTILITIES.
2. MATERIALS FOR SUB-BASE, DRAINAGE, BACKFILL AND GRAVEL FOR SLABS, PAVEMENT AND IMPROVEMENTS.
3. ROCK EXCAVATION WITHOUT BLASTING.
4. SUPPLY OF ADDITIONAL MATERIALS FOR OFFSITE AS REQUIRED.
5. REMOVAL AND LEGDK DISPOSAL OF EXCAVATED MATERIAL AS REQUIRED.

B. QUALITY ASSURANCE

1. COMPACTION

A. UNDER STRUCTURES, BUILDING SLABS, PAVEMENTS AND WALKWAYS WILL OBTAIN A 95% COMPACTION AT A MINIMUM DRY DENSITY AS DETERMINED BY ASTM O-1557 OR WITH PLUS OR MINUS 3% OF THE MOISTURE CONTENT.
2. GRADING TOLERANCES OUTSIDE BUILDING LINES
A. LAWNS, UNPAVED AREAS AND WALKS PLUS OR MINUS 1 INCH.
B. UNDER PAVEMENTS PLUS OR MINUS $\frac{1}{2}$ INCH.
3. GRADING TOLERANCES FOR FILL UNDER CONCRETE APPLICATIONS
A. PLUS OR MINUS $\frac{1}{2}$ INCH MEASURED WITH 10 FOOT STRAIGHT EDGE.

C. PRODUCTS AND MATERIALS (AS APPROVED BY CONSTRUCTION MANAGER OR AS NOTED IN CONSTRUCTION DOCUMENTS)

1. SUB-BASE MATERIAL: GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE OR SLAG, AND NATURAL SAND.
2. WASHED MATERIAL, EVENLY GRADED MIXTURE OF CRUSHED STONE OR GRAVEL WITH 95% PASSING A 1-1/2 INCH SIEVE.
3. GRADING MATERIAL WILL CONSIST OF SATISFACTORY NATIVE OR IMPORTED SOIL MATERIALS FREE OF CLAY, ROCK OR GRAVEL NOT LARGER THAN 2 INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS AND OTHER UNSUITABLE MATERIALS WILL NOT BE ALLOWED FOR USE. IMPORTED MATERIALS SHALL HAVE A CLAY CONTENT OF NO MORE THAN 5%.
4. GRAVEL MATERIAL: EVENLY GRADED MIXTURE OF CRUSHED STONE OR GRAVEL WITH 95% PASSING A 1-1/2 INCH SIEVE.
5. GEOTEXTILE FABRIC: AS PER CONSTRUCTION DOCUMENTS.

D. CLEARING AND GRUBBING

1. REMOVE ALL VEGETATION AND MATERIALS AS REQUIRED. REMOVE STUMPS COMPLETELY UNDER FOUNDATIONS AND ROADWAYS. DISPOSE OF CLEARING AND GRUBBING OFF-SITE OR IN AN ON-SITE LOCATION APPROVED BY CONSTRUCTION MANAGER.

E. STRIPPING

1. STRIP NOT LESS 3 INCHES OF SOD AND TOPSOIL FROM AREAS THAT WILL UNDERLAY GRAVEL, PAVEMENT, NEW STRUCTURES OR EMBANKMENTS. STOCKPILE STRIPPING ON-SITE FOR RE-USE AND FINAL LANDSCAPING.

G. EMBANKMENT

1. CONSTRUCT EMBANKMENT TO THE LINES AND GRADES SHOWN ON THE DRAWING.
2. CONSTRUCT EMBANKMENT FROM ON-SITE EXCAVATION MATERIAL WHEN SUITABLE. USE IMPORTED BACKFILL ONLY AFTER AVAILABLE ON-SITE EXCAVATION MATERIAL HAS BEEN USED.

3. CONSTRUCT IN LIFTS OF NOT MORE THAN 12 INCHES IN LOOSE DEPTH. THE FULL WIDTH OF THE CROSS SECTION SHALL BE BROUGHT UP UNIFORMLY.

4. MATERIAL SHALL BE PLACED IN LAYERS AND SHALL BE NEAR OPTIMUM MOISTURE CONTENT BEFORE ROLLING TO OBTAIN THE PRESCRIBED COMPACTION. WETTING OR DRYING OF THE MATERIAL AND MANIPULATION TO SECURE A UNIFORM MOISTURE CONTENT THROUGHOUT THE LAYERS MAY BE REQUIRED. SUCH OPERATIONS SHALL BE INCLUDED IN THE APPROPRIATE BID ITEM. SHOULD THE MATERIAL BE TOO WET TO PERMIT PROPER COMPACTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE MATERIAL WITH AN ACCEPTABLE MOISTURE CONTENT.

5. DO NOT PLACE FROZEN MATERIAL IN THE EMBANKMENT AND DO NOT PLACE EMBANKMENT MATERIAL UPON FROZEN MATERIAL.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF EMBANKMENTS AND THE REPLACEMENT OF ANY PORTION WHICH HAS BECOME DISPLACED DUE TO CONTRACTOR'S OPERATIONS.

7. START LAYERS IN THE DEEPEST PORTION OF THE FILL AND AS PLACEMENT PROGRESSES, CONSTRUCT LAYERS APPROXIMATELY PARALLEL TO THE FINISH GRADE LINE.

8. ROUTE EQUIPMENT BOTH LOADED AND EMPTY, OVER THE FULL WIDTH OF THE EMBANKMENT TO ENSURE UNIFORMITY OF MATERIAL PLACEMENT.

9. COMPACT EMBANKMENT UNDERLYING NEW GRAVEL PAVING, FLOOR SLABS AND STRUCTURES TO BE 95% COMPACTION AT A MINIMUM DRY DENSITY AS DETERMINED BY ASTM O-1557 OR WITHIN PLUS OR MINUS 3% OF OPTIMUM MOISTURE CONTENT. COMPACT NON-STRUCTURAL AREA EMBANKMENTS TO A MINIMUM OF 90% OF ASTM O-1557.

H. SITE GRADING

1. USING ON-SITE EXCAVATION MATERIAL, SHAPE, TRIM, FINISH AND COMPACT SURFACE AREAS TO CONFORM TO THE LINES, GRADES AND CROSS SECTIONS SHOWN ON THE DRAWING OR AS DESIGNATED BY THE CONSTRUCTION MANAGER.

2. GRADE SURFACES TO DRAIN AND ELIMINATE ANY PONDING OR EROSION.

3. ELIMINATE WHEEL RUTS BY REGRADING.

4. COMPACT AREAS OF UNDERLYING NEW GRAVEL, PAVING, FLOOR SLABS AND STRUCTURES TO BE AT 95% COMPACTION AT A MAXIMUM DRY DENSITY AS DETERMINED BY THE ASTM O-1557 OR WITHIN PLUS OR MINUS 3% OF OPTIMUM MOISTURE CONTENT.

5. CONSTRUCT FINISH SURFACE OF SITE GRADING AREAS WITHIN 1 INCH FROM SPECIFIED GRADE.

I. SUBGRADE PREPARATION

1. SHAPE TOP OF SUBGRADE TO THE LINES AND GRADES SHOWN ON THE DRAWINGS.

2. MAINTAIN TOP OF SUBGRADE IN A FREE-RAINING CONDITION.

3. DO NOT STOCK PILE MATERIAL ON TOP OF SUBGRADE UNLESS AUTHORIZED BY CONSTRUCTION MANAGER.

4. COMPACT THE TOP 12 INCHES OF SUBGRADE TO A 95% COMPACTION AT A MAXIMUM DRY DENSITY AS DETERMINED BY ASTM O-1557 OR WITHIN PLUS OR MINUS 3% OF THE OPTIMUM MOISTURE CONTENT.

5. CONSTRUCT TOP OF SUBGRADE WITHIN 1 INCH OF ESTABLISHED GRADE AND CROSS SECTION.

J. GEOTEXTILE FABRIC

1. LAY GEOTEXTILE FABRIC OVER COMPAKTED SUBGRADE IN THE COMPOUND AREA AND UNDER LENGTH OF ROAD (WHEN REQUIRED). LAP ALL JOINTS TO A MINIMUM OF 36 INCHES.

K. GRAVEL SURFACING

1. CONSTRUCT GRAVEL SURFACING AREAS USING CRUSHED AGGREGATE BASE AND FINISH COURSES AS SPECIFIED BY CONSTRUCTION MANAGER. SPREAD GRAVEL AND RAKE TO OBTAIN A UNIFORM SURFACE AREA.

L. LANDSCAPING

1. FURNISH, INSTALL AND MAINTAIN LANDSCAPE WORK AS SHOWN AND/OR REQUIRED WITHIN THE CONSTRUCTION DOCUMENTS OR AS SPECIFIED IN THE CONSTRUCTION SPECIFICATIONS.

M. CONCRETE FORM WORK

1. FORMS: SMOOTH AND FREE OF SURFACE IRRREGULARITIES. UTILIZE FORM RELEASE AGENTS.

2. CHAMFER EXPOSED EDGES OF ALL TOWER FOUNDATION SHALL RECEIVE A $\frac{1}{4}$ INCH BY $\frac{1}{4}$ INCH 45 DEGREE CHAMFER. OTHER EXPOSED EDGES SHALL RECEIVE A TOOLED RADIUS FINISH.

3. UPON COMPLETION, REMOVE ALL FORMS INCLUDING THOSE CONCEALED OR BURIED.

4. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

4. GENERAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS AND SPECIFICATIONS AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS TO ENSURE THAT WORK PROGRESSION IS NOT INTERRUPTED.

2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A NEAT AND ORDERLY SITE, YARD AND GROUNDS. CONTRACTOR SHALL REMOVE AND DISPOSE OFF SITE ALL RUBBISH, WASTE MATERIAL, LITTER AND ALL FOREIGN SUBSTANCES. REMOVE PETROCHEMICAL SPILLS, STAINS AND OTHER FOREIGN DEPOSITS. RAKE GROUND TO A SMOOTH EVEN-TEXTURED SURFACE.

3. THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURE ABOVE GROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATION INDICATED. IN PARTICULAR THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPELINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE SHOWN OR MAY NOT BE SHOWN AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN 48 HOURS BEFORE YOU DIG, DRILL OR BLAST CALL LOCAL UTILITIES LOCATOR COMPANY.

4. THE OWNER OR OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE OWNER OR THE OWNER'S REPRESENTATIVE.

5. THE CONTRACTOR IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMING WORK ON THE SITE DURING THE PERFORMANCE OF THIS CONTRACT.

6. THE CONTRACTOR SHALL RESTORE ALL DAMAGED, PUBLIC OR PRIVATE PROPERTY TO AT LEAST AS GOOD OF CONDITION AS BEFORE DISTURBED AS DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE.

7. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS.

8. THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE OWNER OR OWNER'S REPRESENTATIVE, SHALL BE REPLACED.

9. ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH OSHA REGULATIONS FOR CONSTRUCTION.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR Dewatering AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.

11. ALL UTILITY WORK INVOLVING CONNECTIONS TO EXISTING SYSTEMS SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE BEFORE EACH AND EVERY CONNECTION TO EXISTING SYSTEMS IS MADE.

12. MAINTAIN FLOW FOR ALL EXISTING UTILITIES.

13. ALL SITE FILL SHALL MEET SELECTED FILL STANDARDS AS DEFINED BY THE OWNER OR OWNER'S REPRESENTATIVE ON THE DRAWINGS OR GEOTECHNICAL REPORT RECOMMENDATIONS.

14. CONTRACTOR TO GRADE ALL AREAS OF THE SITE TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING OR EQUIPMENT PAD AND THE TOWER.

15. IF NECESSARY, THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING AND REGRADING ROADWAY AND ANY DISTURBED AREAS FOLLOWING INSTALLATION OF UTILITIES.

16. NO COMMERCIAL MESSAGES TO BE DISPLAYED ON TOWER DEVELOPMENT.

17. WATER AND SEWER SERVICES ARE NOT REQUIRED FOR THE DEVELOPMENT.

18. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL UNLESS OTHERWISE NOTED.

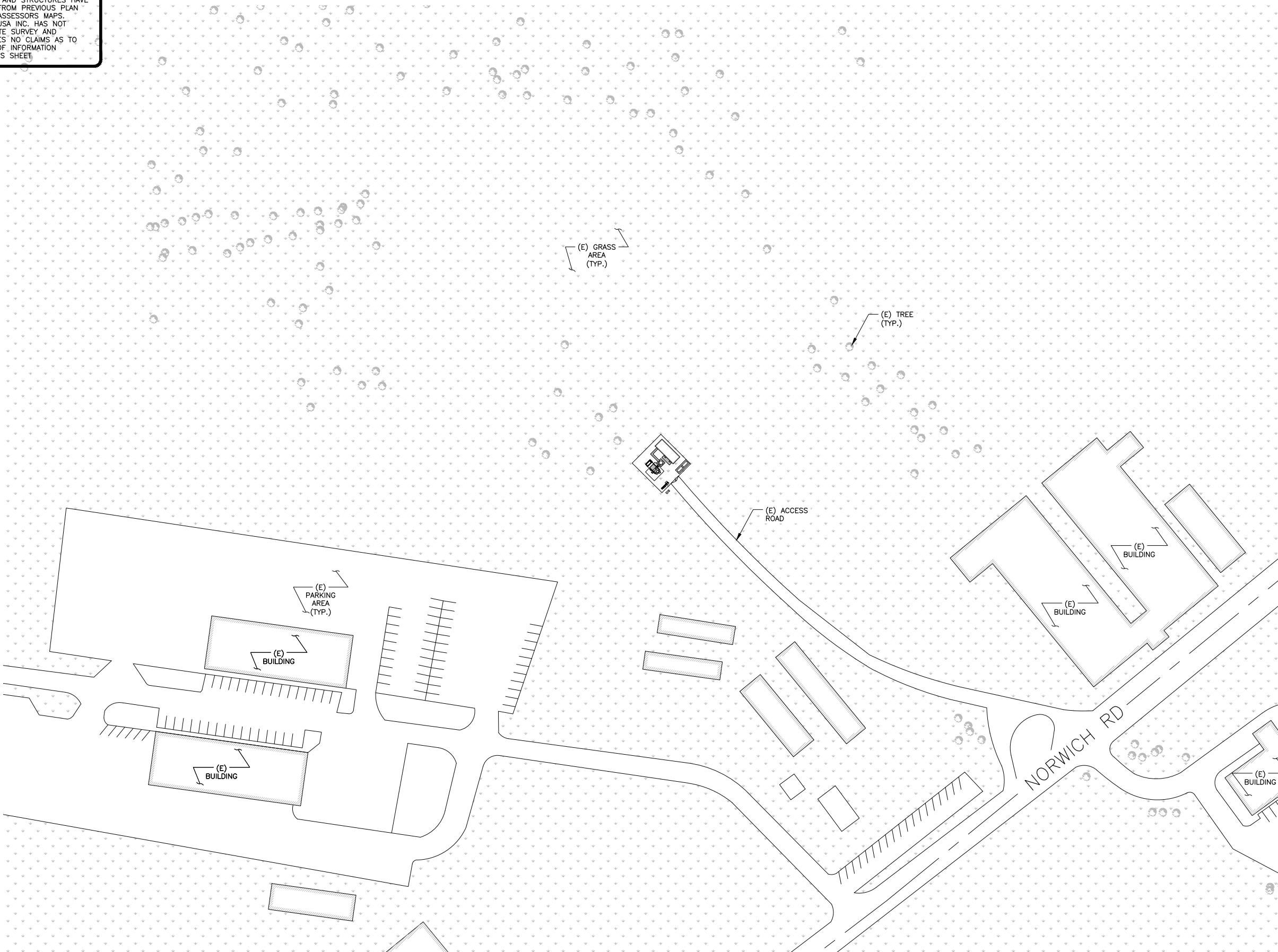
19. ELECTRICAL DRAWINGS HAVE BEEN REVIEWED AND SEALED FOR STRUCTURAL PURPOSES ONLY.

SITE LEGENDS

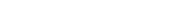
- CENTERLINE
- PROPERTY/LEASE LINE
- GROUND CONDUCTOR
- A — COAXIAL CABLE
- X — CHAIN LINK FENCING
- O — OVERHEAD TELEPHONE LINE
- O — OVERHEAD POWER LINE
- E — POWER RUN
- F/P — FIBER/POWER RUN
- TELCO RUN
- T/E — POWER/TELCO RUN
- GROUNDING CONDUCTOR
- SPARK ZONE AND WORKING CLEARANCE

SITE PLAN DISCLAIMER:

PROPERTY LINES AND STRUCTURES HAVE
BEEN DIGITIZED FROM PREVIOUS PLAN
SETS OR FROM ASSESSORS MAPS.
CROWN CASTLE USA INC. HAS NOT
COMPLETED A SITE SURVEY AND
THEREFORE MAKES NO CLAIMS AS TO
THE ACCURACY OF INFORMATION
DEPICTED ON THIS SHEET



1 OVERALL SITE PLAN

SCALE:  1"=30'-0" (FULL SIZE)
1"=60'-0" (11x17)

T-Mobile
T-MOBILE NORTHEAST LLC
35 GRIFFIN ROAD
BLOOMFIELD, CT 06002



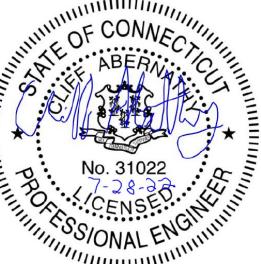
T-MOBILE SITE NUMBER:
CT11314C

1197 NORWICH ROAD
PLAINFIELD, CT 06234

EXISTING 149'-1" MONOPOLE

ISSUED FOR:

V	DATE	DRWN	DESCRIPTION	DES/QA
06/22/2022	SRI		PRELIMINARY	JSM
07/23/2022	SRV		PRELIMINARY	JSM
07/23/2022	SRV		FINALS	JSM



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OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

SHEET NUMBER: REVISION: **0**



T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD
BLOOMFIELD, CT 06002



420 MAIN STREET, BLDG 4
STURBRIDGE, MA 01566
203-275-6669

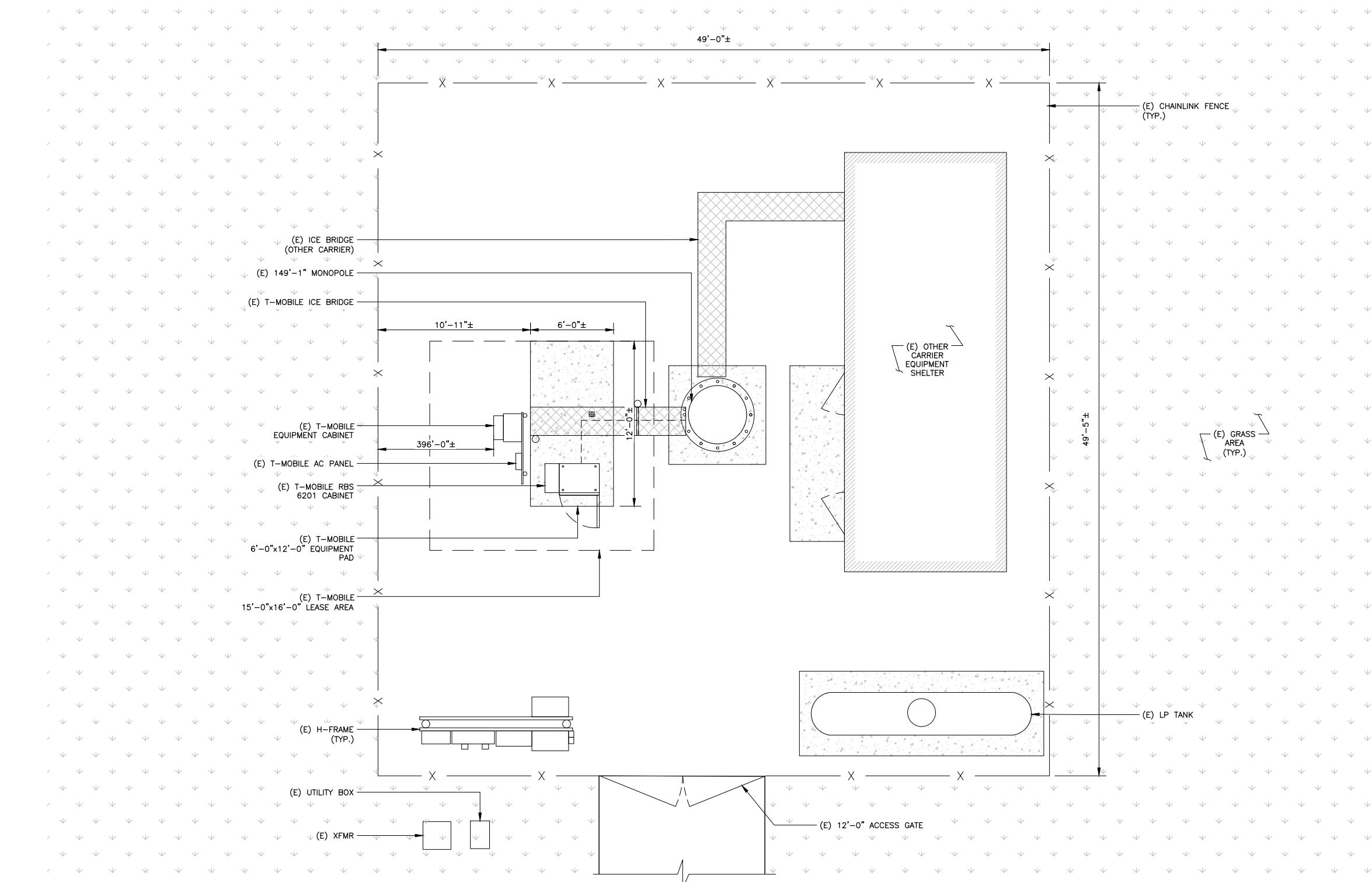


1825 W. WALNUT HILL LANE, SUITE 120
IRVING, TEXAS 75038

-MOBILE SITE NUMBER:
CT11314C

1197 NORWICH ROAD
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EXISTING 149'-1" MONOPOLE



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T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD
BLOOMFIELD, CT 06002





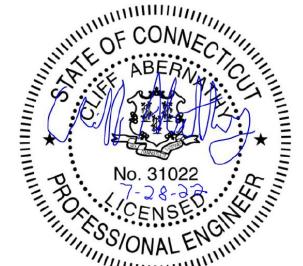
Trylon
Speed. Quality. Credibility.

T-MOBILE SITE NUMBER:
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1197 NORWICH ROAD
PLAINFIELD, CT 06234

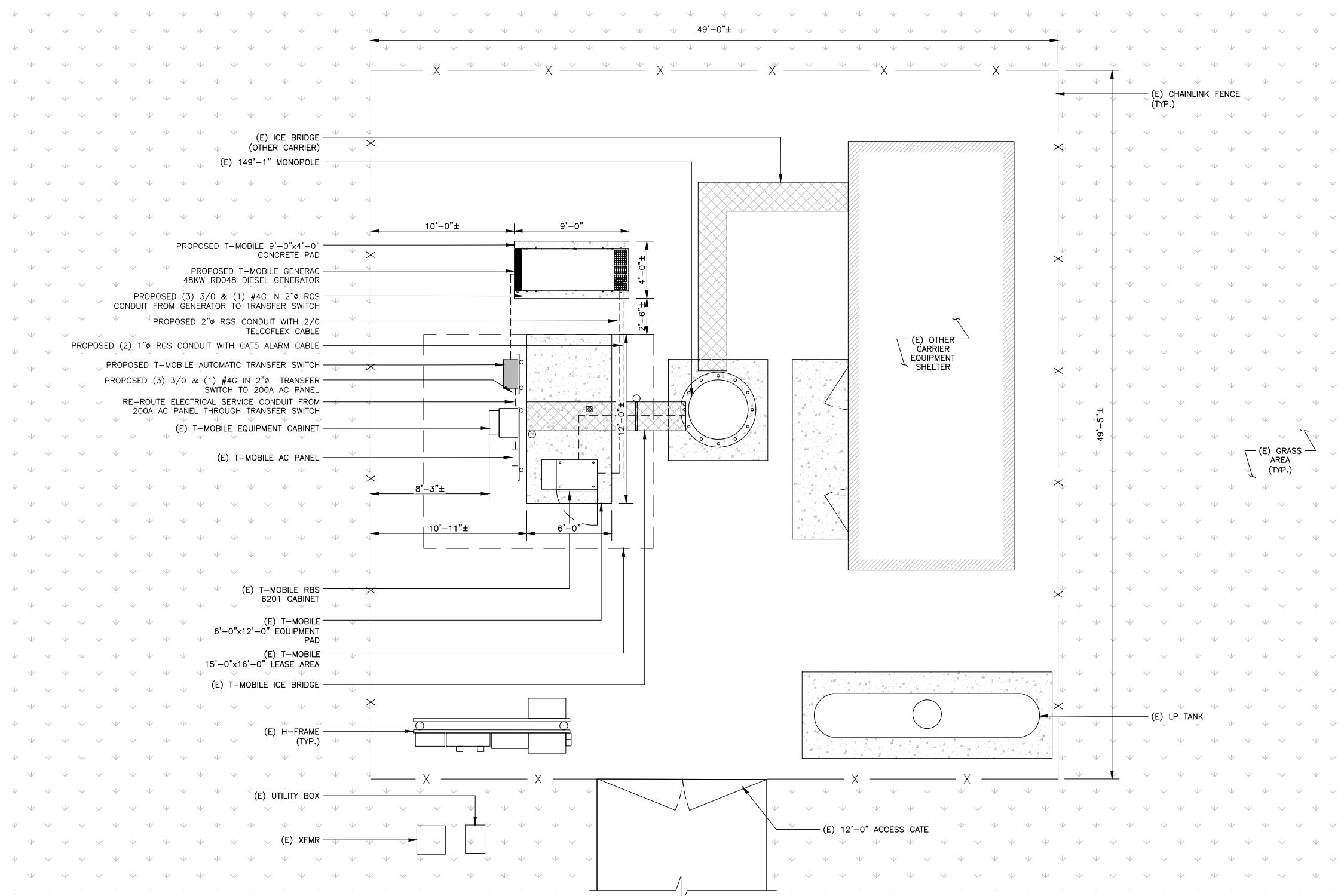
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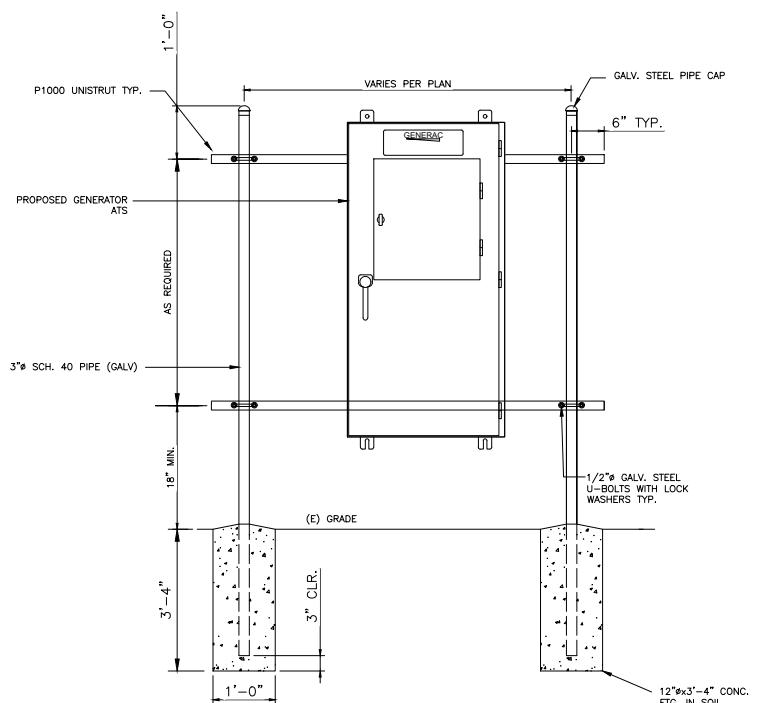
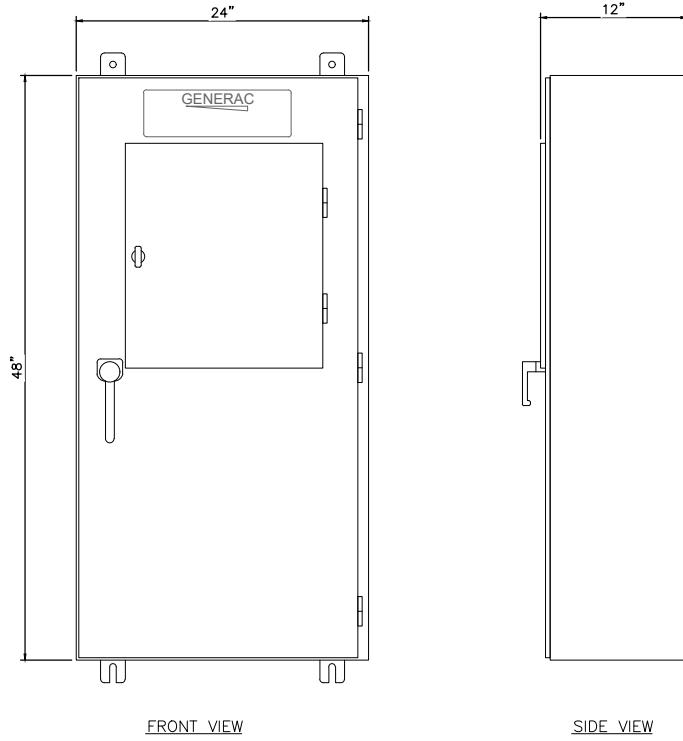
1 PROPOSED ENLARGED SITE PLAN

SCALE: 1/2"=1'-0" (FULL)
1/4"=1'-0" (1/16"=1'-0")

CE)

MANUFACTURER: GENERAC
MODEL: TTS SERIES
RATING: 120/240V, 100-400A, 600VCA, 1P
DIMENSIONS: 48" H x 24" W x 12" D
WEIGHT: 210 LBS

NOTE: ATS INCLUDES CAMLOCK



1 ATS CABINET SPECIFICATIONS
SCALE: NOT TO SCALE

2 H-FRAME DETAIL
SCALE: NOT TO SCALE

3 DETAIL NOT USED
SCALE: NOT TO SCALE

4 DETAIL NOT USED
SCALE: NOT TO SCALE

5 DETAIL NOT USED
SCALE: NOT TO SCALE

6 DETAIL NOT USED
SCALE: NOT TO SCALE

T-Mobile

T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD
BLOOMFIELD, CT 06002



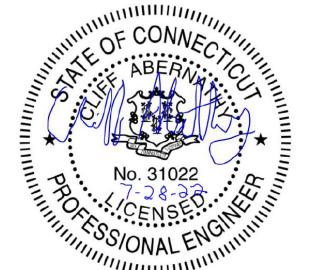
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PLAINFIELD, CT 06234

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REVISION: 0

T-Mobile

T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD
BLOOMFIELD, CT 06002



420 MAIN STREET, BLDG 4
STURBRIDGE, MA 01566
203-275-6669

RD048 | 3.4L | 48 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC INDUSTRIAL POWER

Standby Power Rating
48 kW, 60 kVA, 60 Hz



Image used for illustration purposes only

Codes and Standards

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



UL2200, UL508, UL489, UL142



CSA 22.2



BS5514 and DIN 6271



SAE J1349



NFPA 37, 70, 99



ISO 3048, 8528, 9001



NEMA ICS1, ICS10, MG1, 250, ICS6,
AB1



ANSI/IEEE C62.41

Powering Ahead

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

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

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

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

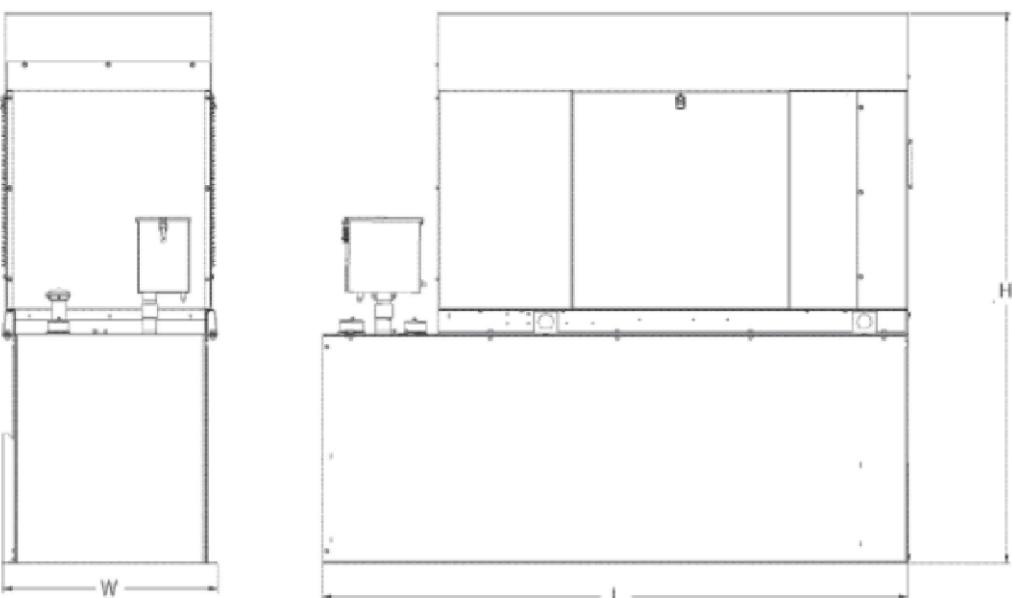
Generac is committed to ensuring our customers' service support continues after their generator purchase.

RD048 | 3.4L | 48 kW

INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

GENERAC INDUSTRIAL POWER

DIMENSIONS AND WEIGHTS*



ENCLOSED UNIT with 48hour Tank

L x W x H in (mm)	95.4 (2,422) x 35.0 (880) x 89.3 (2,269)
Sound output in dB(A) at 23ft with generator operating at normal Load	65

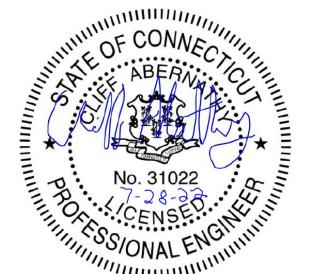
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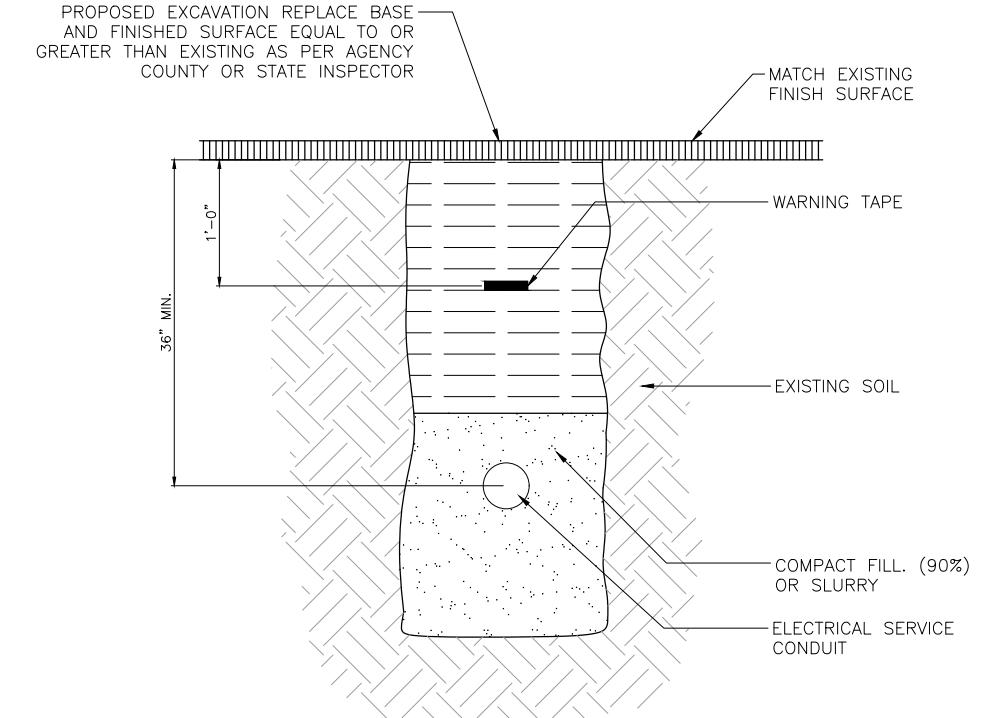
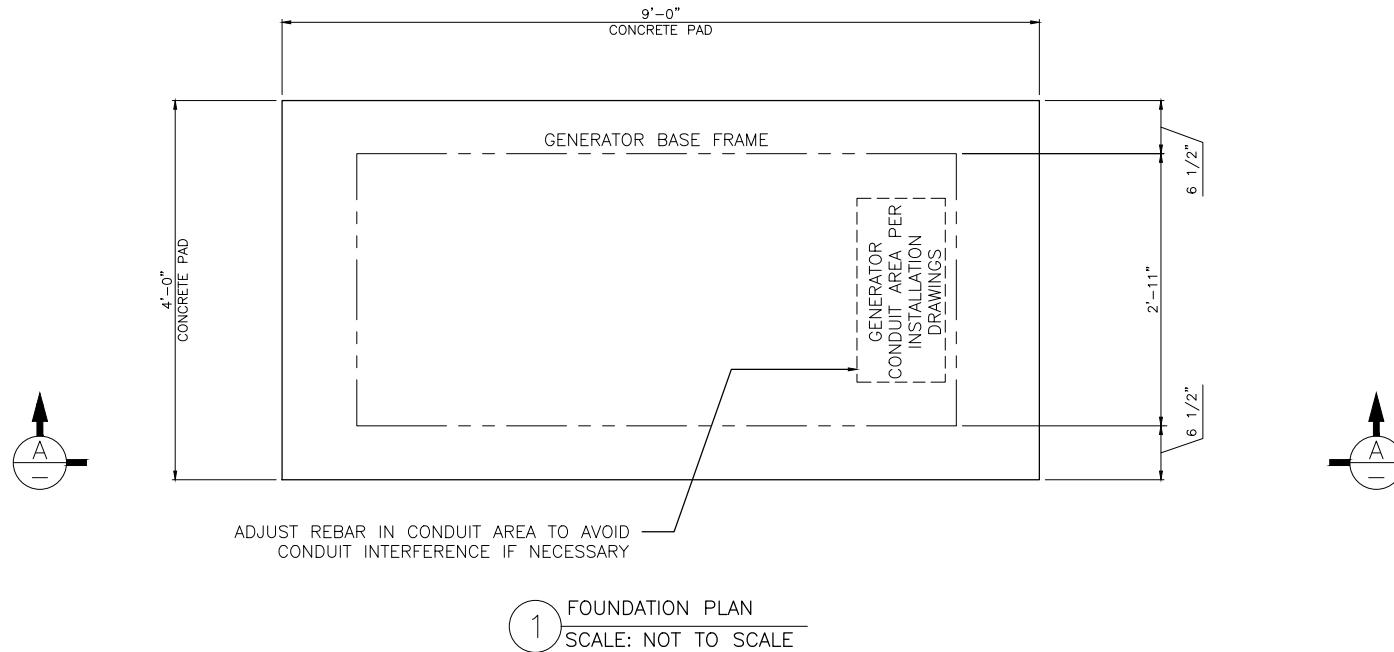
SHEET NUMBER: **CT11314C** REVISION: **0**

NOTES:

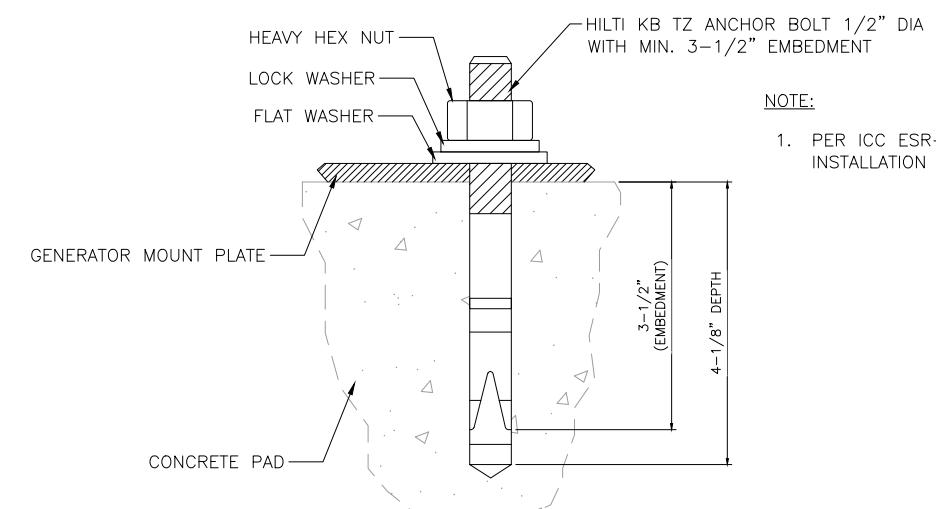
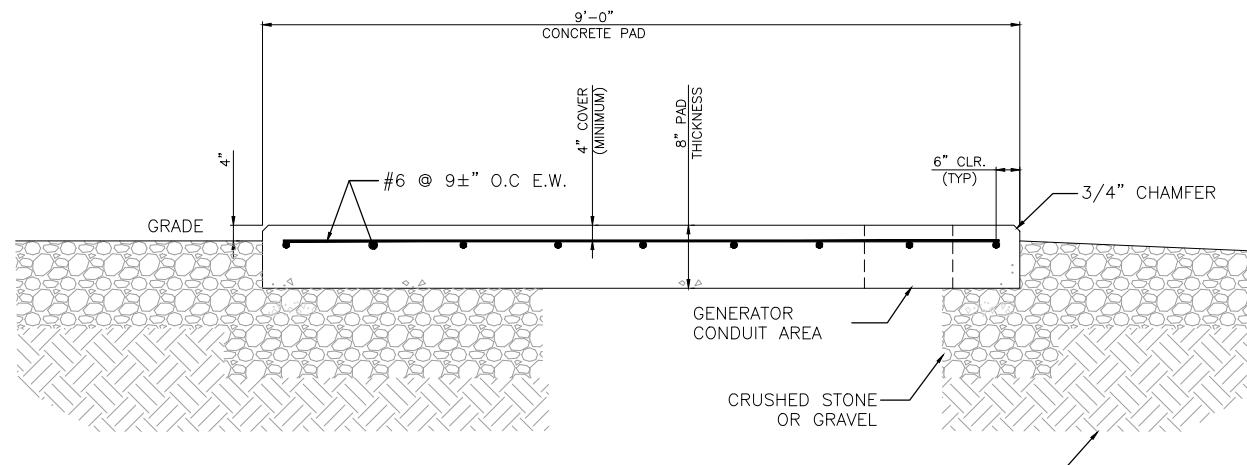
1. ALL CONCRETE CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI 318-14) BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND (ACI 301) STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI301, ACIW318, ASTM A184 AND ASTM A185.
2. MINIMUM ALLOWABLE CONCRETE COMPRESSIVE STRENGTH SHALL BE 2500 PSI AT 28 DAYS WHEN TESTED IN ACCORDANCE WITH THE ASTM C172, ASTM C31 AND ASTM C39 UNLESS OTHERWISE NOTED.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDING WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNLESS NOTED OTHERWISE.
4. DETAILING SHALL BE IN ACCORDANCE WITH MANUAL OF STANDARD PRACTICE OF DETAILING REINFORCED CONCRETE STRUCTURES (ACI STD-315-92).

AMERICAN SOCIETY FOR TESTING AND MATERIALS METHODS STANDARDS
ASTM C172, ASTM C31 AND ASTM C39 UNLESS OTHERWISE NOTED.
REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60,
DEFORMED UNLESS NOTED OTHERWISE. WELDING WIRE FABRIC SHALL
CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC UNLESS NOTED
OTHERWISE. SPLICES SHALL BE CLASS "8" AND ALL HOOKS SHALL BE
STANDARD, UNLESS NOTED OTHERWISE.
DETAILING SHALL BE IN ACCORDANCE WITH MANUAL OF STANDARD
PRACTICE OF DETAILING REINFORCED CONCRETE STRUCTURES (ACI
STD-315-92).

5. CHAMFER ALL EXPOSED EDGES OF CONCRETE 3/4" IN ACCORDANCE WITH ACI 301 SECTION 4.2.2. UNLESS OTHERWISE NOTED.
6. REINFORCING STEEL SHALL BE ACCURATELY PLACED AND ADEQUATELY SECURED IN POSITION. LOCATION OF REINFORCEMENT SHALL BE INDICATED ON THE DRAWINGS. CONCRETE COVER SHALL DEPEND ON WHETHER CONCRETE IS PRE-CAST OR CAST IN PLACE.
7. TOP OF FOUNDATION TO HAVE A "BRUSH FINISH".
8. EXPOSED FINISHED SURFACE IS NOT TO HOLD WATER.
9. ALL SURFACES ARE TO BE CLEANED OF ANY RESIDUAL CONCRETE FROM SPLASHING OR SPILLS.



2) UTILITY TRENCH
SCALE: NOT TO SCALE



4 SECTION A-A
SCALE: NOT TO SCALE

5 ANCHOR BOLT DETAIL
SCALE: NOT TO SCALE

T-Mobile

T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD
BLOOMFIELD, CT 06002



420 MAIN STREET, BLDG 4
STURBRIDGE, MA 01566
203-275-6669



1825 W. WALNUT HILL LANE, SUITE 120

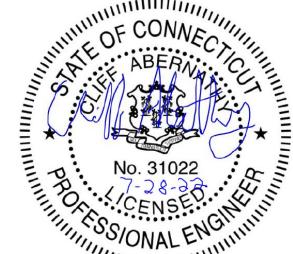
IRVING, TEXAS 75038

T-MOBILE SITE NUMBER:
CT11314C

1197 NORWICH ROAD
PLAINFIELD, CT 06234

EXISTING 149'-1" MONOPOLE

ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./Q
A	06/22/2022	SRI	PRELIMINARY	JSM
B	07/23/2022	SRV	PRELIMINARY	JSM
0	07/23/2022	SRV	FINAL	JSM



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T-Mobile
T-MOBILE NORTHEAST LLC
35 GRIFFIN ROAD
BLOOMFIELD, CT 06002



T-MOBILE SITE NUMBER:
CT11314C

1197 NORWICH ROAD
PLAINFIELD, CT 06234

EXISTING 149'-1" MONOPOLE

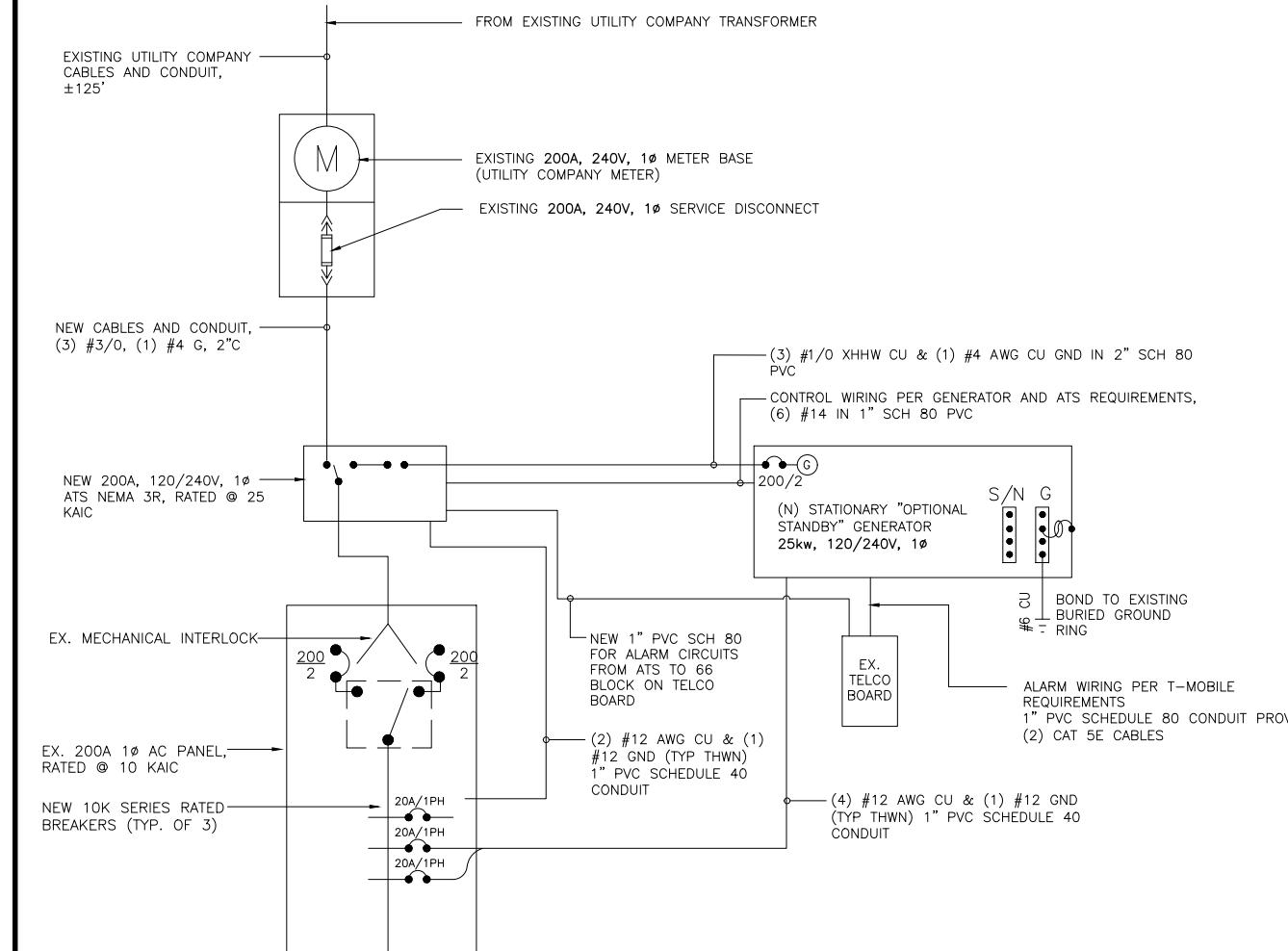
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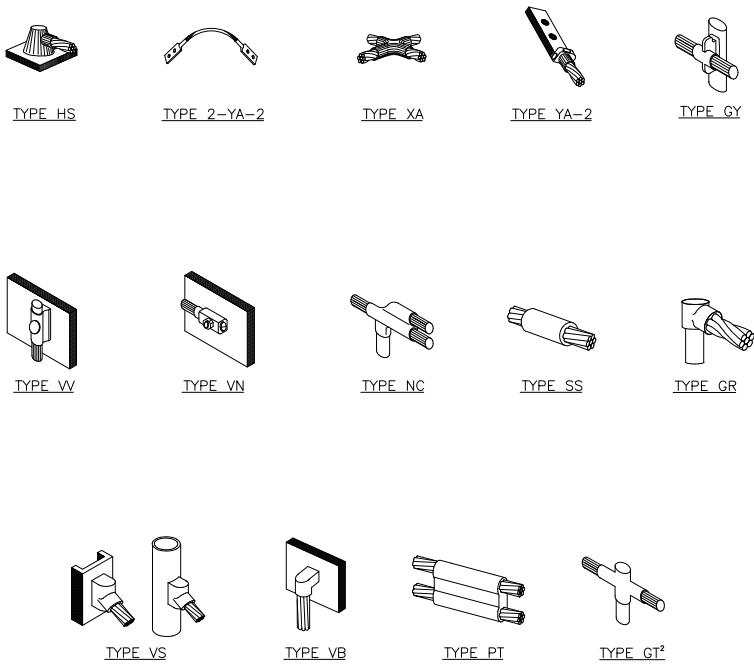
SHEET NUMBER: **CT11314C** REVISION: **0**

PENDING



1 AC PANEL SCHEDULE
SCALE: NOT TO SCALE

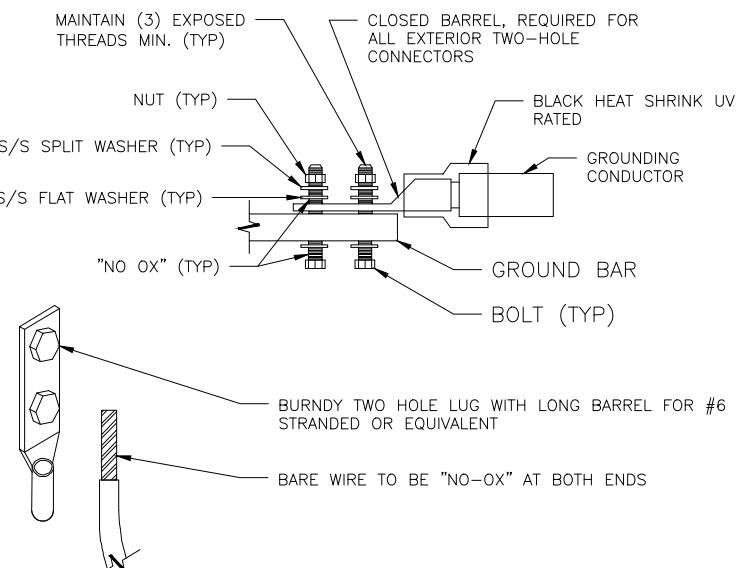
2 ONE LINE DIAGRAM
SCALE: NOT TO SCALE



NOTE:

- ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH CONSTRUCTION MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.
- MOLD TYPE ONLY TO BE USED BELOW GRADE WHEN CONNECTING GROUND RING TO GROUND ROD.

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE



NOTES:
 1. ALL HARDWARE SHALL BE 18-8 STAINLESS STEEL.
 2. COAT ALL SURFACES WITH ANTI-OXIDANT COMPOUND BEFORE MATING.
 3. ALL EXPOSED EASILY ACCESSIBLE GROUND BARS SHALL BE TAGGED "DO NOT DISCONNECT".
 4. COAT ALL BARRELS WITH ANTI-OXIDANT BEFORE CRIMPING.

2 EXTERIOR GROUND BAR LUG
SCALE: NOT TO SCALE

NOTES:

- BOND PPC AND EQUIPMENT ENCLOSURES TO BURIED GROUNDING CONDUCTOR. USE A NEMA DRILLING, TWO-HOLE CONNECTOR FOR BONDS TO EQUIPMENT ENCLOSURES; USE AN APPROVED CONDUIT CLAMP FOR CONNECTIONS TO SERVICE CONDUITS. EXOTHERMICALLY WELD CONNECTIONS TO GROUNDING CONDUCTOR.
- BOND ALL EXTERIOR CONDUITS, PIPES, AND CYLINDRICAL METALLIC OBJECTS WITH A PENN-UNION GT SERIES CLAMP, BLACKBURN GUV SERIES CLAMP, OR A BURNDY GAR 3900BU SERIES CLAMP ONLY. NO SUBSTITUTES ACCEPTED.
- AFTER INSTALLATION IS COMPLETED IN CONFORMANCE WITH THESE DRAWINGS AND THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL CONFIRM THE IMPEDANCE (GROUND RESISTANCE) TO EARTH AND BETWEEN GROUNDING CIRCUITS. THE GROUNDING SYSTEM IS EXPECTED TO PROVIDE FOR A MAXIMUM EARTH RESISTANCE OF 6 OHMS. THE CONTRACTOR SHALL NOTIFY T-MOBILE PRIOR TO ALL TESTING AND SHALL FURTHER NOTIFY T-MOBILE IN THE EVENT THE EARTH RESISTANCE IS GREATER THAN 5 OHMS.
- ALL GROUNDING INSTALLATION IS TO BE IN ACCORDANCE WITH THE T-MOBILE WIRELESS STANDARDS AND SUPPLEMENTS PROVIDED BY THE PROJECT MANAGER.
- ALL BENDS ON THE GROUND CONDUCTOR TO BE MADE WITH A MINIMUM 24" RADIUS.
- ALL GROUND LEADS MUST TERMINATE AT MGB, NOT HALO.
- MUST USE INSPECTION HOLE LUGS FOR GROUNDING.
- NO OVERLAPPING GROUND HARDWARE.
- WHERE MECHANICAL CONNECTIONS ARE USED (TWO HOLE OR CRIMP), APPLY A LIBERAL PROTECTIVE COATING OF A CONDUCTIVE ANTI-OXIDE COMPOUND ON ALL CONNECTORS SUCH AS NO-OX OR APPROVED EQUAL.

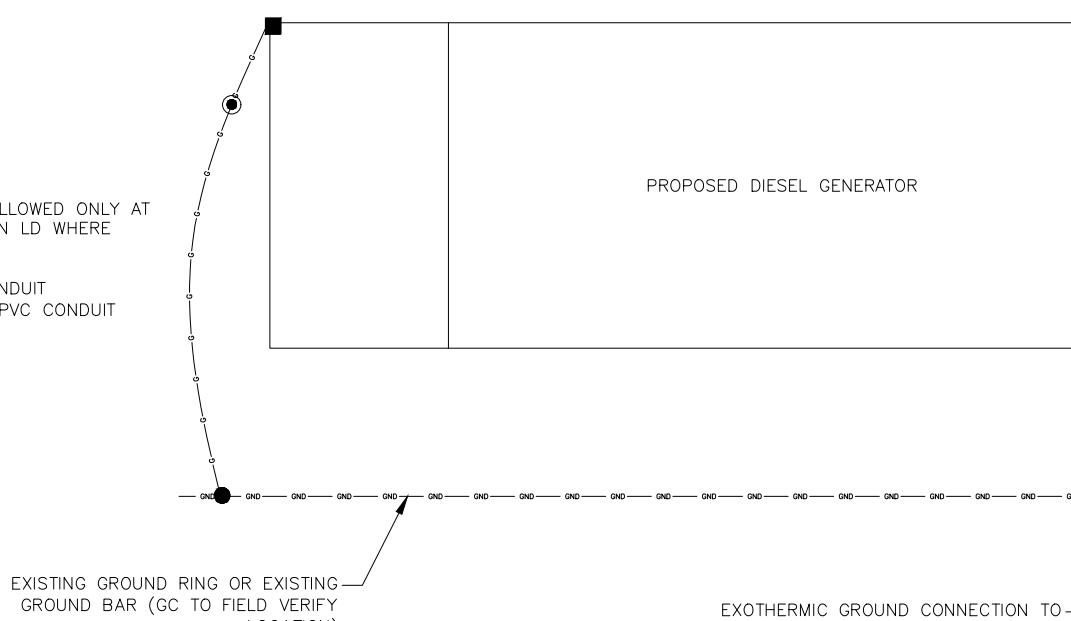
3 GENERAL GROUNDING NOTES
SCALE: NOT TO SCALE

CONDUIT SCHEDULE	
KEY	DESCRIPTION
1	1" CONDUIT W/ PULLSTRINGS FOR ALARM CABLES (FROM GENERATOR TO BTS)
2	2" CONDUIT W/ PULLSTRING (FROM GENERATOR TO PPC FOR BLOCK HEATER/BATTERY CHARGER))
3	2" CONDUIT W/ PULLSTRING (FROM ATS TO PPC, FOR POWER FEEDERS)
4	2" CONDUIT W/ PULLSTRING (FROM GENERATOR TO ATS FOR EMERGENCY POWER FEEDERS)
5	1" CONDUIT W/ PULLSTRING (FROM GENERATOR TO ATS, FOR CONTROL CABLE)

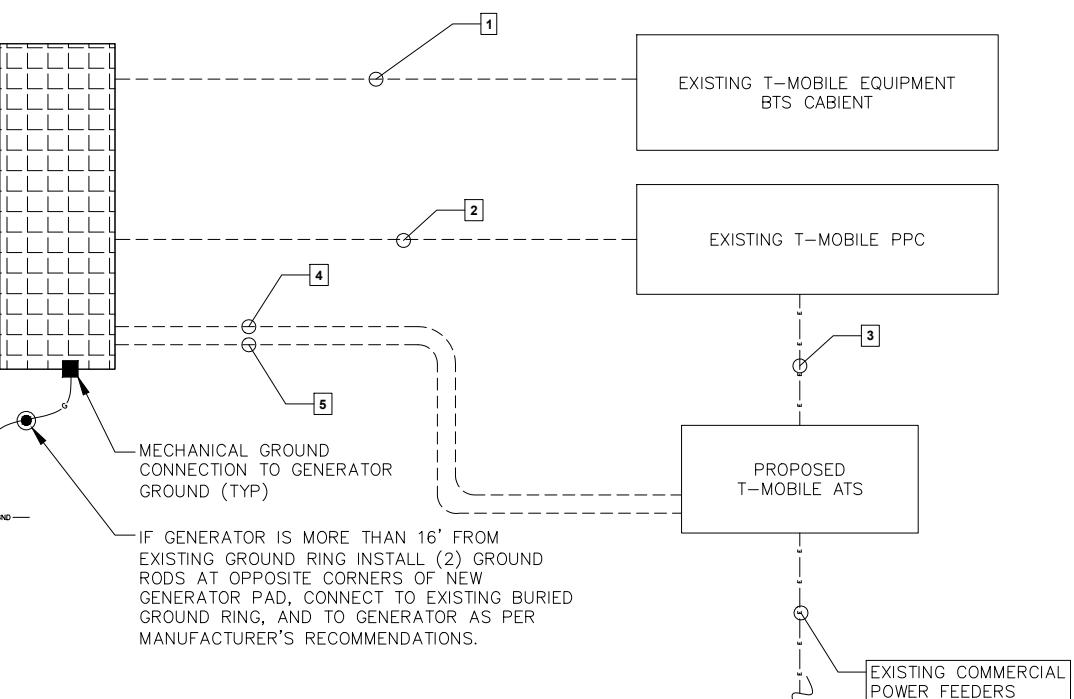
NOTES:

- HAND DIG ONLY WITHIN COMPOUND.
- CONDUITS SHALL BE SWEEPS, 90" TURNS ALLOWED ONLY AT INACCESSIBLE LOCATIONS. GC TO PROVIDE AN LD WHERE POSSIBLE AT ALL 90" TURNS.
- CONDUIT TYPES SHALL BE AS FOLLOWS:
 - BELLOW GRADE CONDUITS: SCH. 40 PVC CONDUIT
 - BELLOW ROAD/PARKING CONDUITS: SCH 80 PVC CONDUIT
 - EXTERIOR ABOVE GRADE CONDUITS: RGS
 - INTERIOR CONDUITS: IMC

GROUNDING LEGEND	
●	GROUND ROD
●	MECHANICAL CONNECTION
■	EXOTHERMIC CONNECTION
—	GROUND WIRE



4 GENERATOR GROUNDING DETAIL
SCALE: NOT TO SCALE



T-Mobile
T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD
BLOOMFIELD, CT 06002



Trylon
Speed, Quality, Credibility
1825 W. WALNUT HILL LANE, SUITE 120
IRVING, TEXAS 75038

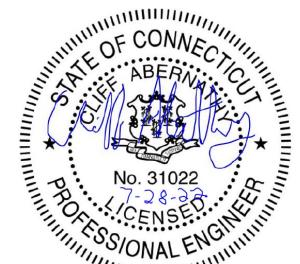
T-MOBILE SITE NUMBER:
CT11314C

1197 NORWICH ROAD
PLAINFIELD, CT 06234

EXISTING 149'-1" MONOPOLE

ISSUED FOR:

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SHEET NUMBER: **CT11314C** REVISION: **0**

Exhibit D

Standby Power Rating

48 kW, 60 kVA, 60 Hz



*Built in the USA using domestic and foreign parts



Image used for illustration purposes only

Codes and Standards

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



UL2200, UL508, UL489, UL142



CSA 22.2



BS5514 and DIN 6271



SAE J1349



NFPA 37, 70, 99



ISO 3046, 8528, 9001



NEMA ICS1, ICS10, MG1, 250, ICS6, AB1



American National Standards Institute

ANSI/IEEE C62.41

Powering Ahead

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

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

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

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

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

RD048 | 3.4L | 48 kW
INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL
POWER

Standard Features

ENGINE SYSTEM

- Cold Weather Kit
- Oil Drain Extension
- Fan Guard
- Stainless Steel Flexible Exhaust Connection
- Factory Filled Oil & Coolant

Fuel System

- Primary Fuel Filter

Cooling System

- Closed Coolant Recovery System
- Factory-Installed Radiator
- 50/50 Ethylene Glycol Antifreeze
- Radiator Drain Extension
- Can Operate at up to 122°F (50°C) Ambient Temperature

Electrical System

- Battery Charging Alternator
- Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- Solenoid Activated Starter Motor
- Smart Battery Charger

ALTERNATOR SYSTEM

- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- Sealed Bearings
- Low Temperature Rise (<120°C)
- Low THD (<5%)

GENERATOR SET

- Sound Attenuated Aluminum Enclosure
- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Wrapped Exhaust Piping
- Standard Factory Testing
- 5 Year Limited Warranty
- Ready to Accept Full Load in <10 Seconds
- E-Stop

TANKS

- 48 Hour Run Time Tank
- UL 142 Listed Tank

CONTROL SYSTEM



Evolution™ Controller

- Two-Line Plain Text LCD Display
- Programmable Start Delay Between 10-30 seconds
- 10 second Engine Start Sequence
- 5 second Engine Warm Up
- 1 minute Engine Cool-Down
- Starter Lock-Out
- Smart Battery Charger
- Automatic Voltage Regulation with Over and Under Protection
- Automatic Low Oil Pressure Shutdown
- Overspeed Shutdown
- High Temperature Shutdown
- Overcrank Protection
- Safety Fused
- Failure to Transfer Protection
- Low Battery Protection
- 50 Even Run Log
- Future Set Capable Exerciser
- Incorrect Wiring Protection
- Internal Fault Protection
- Common External Fault Capability
- Governor Failure Protection

Optional Shipped Loose and Field Install Kits

GENERATOR SET

- Paint Kit
- Scheduled Maintenance Kit

CONTROL SYSTEM

- Mobile Link™ and Adapter Kit

TANKS

- Spill Box
- 90% Fuel Alarm
- Tank Risers
- Spill Box Drainback Kit
- Vent Extension Support Kit
- 5 Day Run Time Tank
- Overfill Prevention Valve
- Fuel Fill Drop Tube
- Lockable Fuel Cap

RD048 | 3.4L | 48 kW
INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL
 POWER

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Generac
Cylinder #	4
Type	In-Line
Displacement - in ³ (L)	3.4 (207.48)
Bore - in (mm)	3.86 (98)
Stroke - in (mm)	4.45 (113)
Compression Ratio	18.5:1
Intake Air Method	Turbocharged/Aftercooled
Cylinder Head	Cast Iron OHV
Piston Type	Aluminum

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow Spin-On Canister
Crankcase Capacity with Filters- qt (L)	7.4 (7.0)

Cooling System

Cooling System Type	Closed Recovery
Fan Type	Pusher
Fan Speed- rpm	2,029
Fan Diameter - in (mm)	22 (559)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specification	ASTM
Fuel Pump Type	Mechanical Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Lin (mm/in)	7.94/0.31 (ID)
Fuel Return Line (mm/in)	7.94/0.31 (ID)
Fuel Filtering (microns)	25

Engine Electrical System

System Voltage	12 VDC
Battery Charger Alternator	Standard
Battery Size	Group 27F
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	Generac
Poles	4
Field Type	Rotating
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	<50

Standard Excitation	Direct
Bearings	Single Sealed
Coupling	Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Full Digital
Number of Sensed Phases	2
Regulation Accuracy (Steady State)	±1.0%

RD048 | 3.4L | 48 kW
INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC® | INDUSTRIAL
POWER

OPERATING DATA

POWER RATINGS

Single-Phase 120/480 VAC @0.1pf	48 kW	Standby Amps: 200
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MOTOR STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip at 30%

120/240 V, Single-Phase at 0.4pf	189
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FUEL CONSUMPTION RATES*

Percent Load	Diesel gal/hr (L/hr)
25%	1.35 (5.11)
50%	2.15 (8.14)
75%	3.06 (11.58)
100%	3.98 (15.07)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

		Standby
Air Flow (Radiator and Alternator)	ft ³ /min (m ³ /min)	2824 (80)
Coolant System Capacity	gal (L)	2.8 (10.6)
Heat Rejection to Coolant	BTU/hr (MJ/hr)	135,900 (143.4)
Temperature Deration	3% for every 5°C above 25°C or 1.7% for every 5°F over 77°F	
Altitude Deration	1% for every 100 m above 915 or 3% for every 1000 ft over 3000 ft	
Maximum Radiator Backpressure	in H ₂ O (kPa)	0.50 (0.12)

COMBUSTION AIR REQUIREMENTS

Flow at Rated Power ft ³ /min (m ³ /min)	Standby
190 (5.38)	

ENGINE

		Standby
Rated Engine Speed	rpm	1,800
Horsepower at rated kW	HP	85

EXHAUST

Exhaust Flow (Rated Output)	ft ³ /min (m ³ /min)	Standby
Exhaust Temp (Rated Output - Post Silencer)	°F (°C)	448 (12.7) 1120 (604.4)

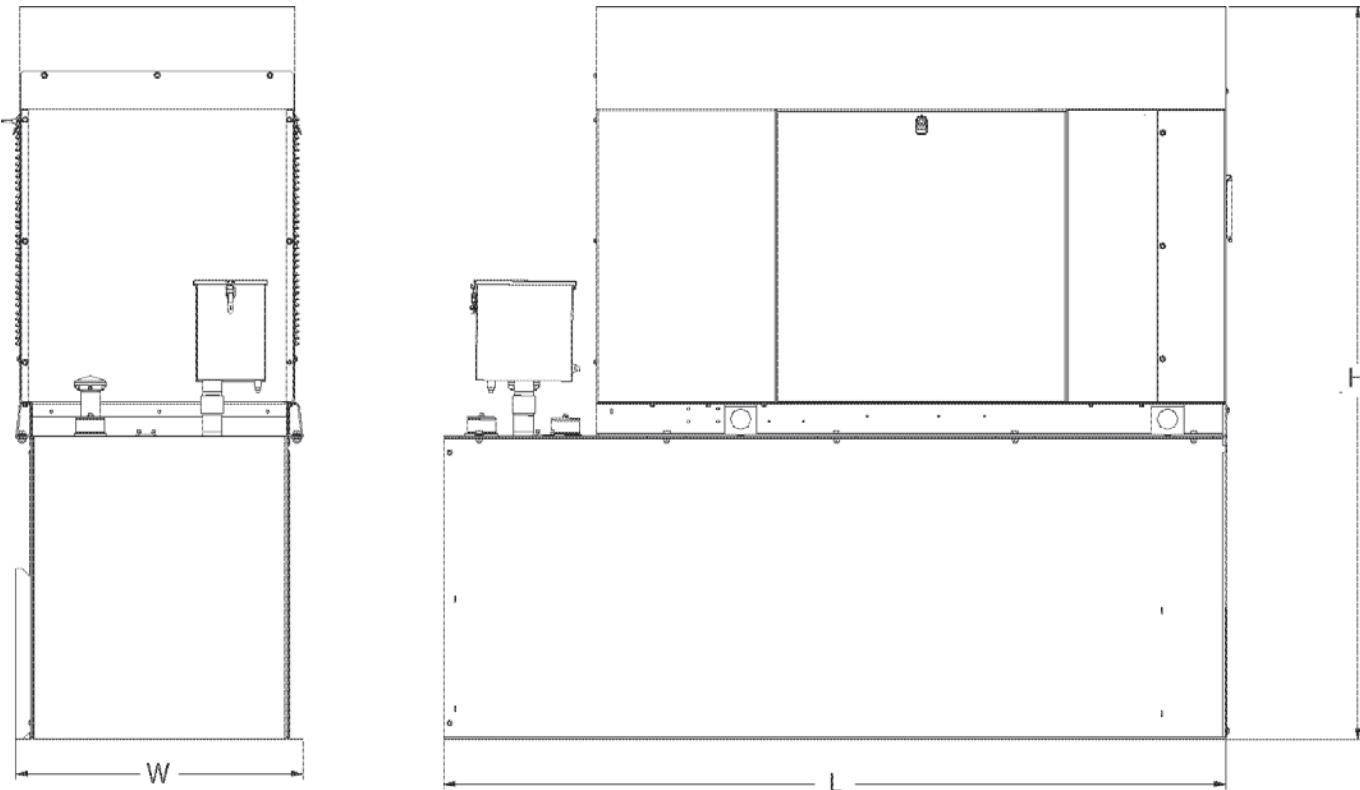
Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.
Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.
Standby - See Bulletin 0187500SSB

RD048 | 3.4L | 48 kW
INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL
POWER

DIMENSIONS AND WEIGHTS*



ENCLOSED UNIT with 48hour Tank

L x W x H in (mm)	95.4 (2,422) x 35.0 (880) x 89.3 (2,269)
Sound output in dB(A) at 23ft with generator operating at normal Load	65

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

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

Protector™ Series

GENERAC®

Diesel Generator Set

INCLUDES:

- Two Line LCD Multilingual Digital Evolution™ Controller (English/Spanish/French/Portuguese) with external viewing window for easy indication of generator status and breaker position.
- Isochronous Electronic Governor
- Sound Attenuated Aluminum Enclosure
- Smart Battery Charger
- UV/Ozone Resistant Hoses
- $\pm 1\%$ Voltage Regulation
- Integrated Base Tank Provides Up to 40 Hours of Run Time
- 5 Year Limited Warranty*
- UL 2200 / UL142 / ULC S601 Listed
- Meets code requirements for External Vent and Fill

Standby Power Rating

Model RD015 - 15 kW 60 Hz

Model RD020 - 20 kW 60 Hz

Model RD030 - 30 kW 60 Hz

Model RD048 - 48 kW 60 Hz (single phase only)

Model RD050 - 50 kW 60 Hz (three phase only)



ETL
Intertek



*Built in the USA using domestic and foreign parts

Meets EPA Emission Regulations
CA/MA Emissions Compliant

* 5 year warranty applicable to U.S. and Territories/Canada. International warranty is 3 year limited.

FEATURES

- **INNOVATIVE DESIGN & PROTOTYPE TESTING** are key components of GENERAC'S success in "IMPROVING POWER BY DESIGN." But it doesn't stop there. Total commitment to component testing, reliability testing, environmental testing, destruction and life testing, plus testing to applicable CSA, NEMA, EGS, and other standards, allows you to choose GENERAC POWER SYSTEMS with the confidence that these systems will provide superior performance.
- **TEST CRITERIA:**
 - ✓ PROTOTYPE TESTED
 - ✓ SYSTEM TORSIONAL TESTED
 - ✓ NEMA MG1-22 EVALUATION
 - ✓ MOTOR STARTING ABILITY
- **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION.** This state-of-the-art power maximizing regulation system is standard on all Generac models. It provides optimized FAST RESPONSE to changing load conditions and MAXIMUM MOTOR STARTING CAPABILITY by electronically torque-matching the surge loads to the engine. Digital voltage regulation at $\pm 1\%$.
- **SINGLE SOURCE SERVICE RESPONSE** from Generac's extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.
- **GENERAC TRANSFER SWITCHES.** Long life and reliability are synonymous with GENERAC POWER SYSTEMS. One reason for this confidence is that the GENERAC product line includes its own transfer systems and controls for total system compatibility.

GENERAC®



15 • 20 • 30 • 48 • 50 kW

application & engineering data

GENERATOR SPECIFICATIONS

Type	Synchronous
Rotor Insulation Class	H (15 & 20 kW) or F (30, 48 & 50 kW)
Stator Insulation Class	H
Telephone Interference Factor (TIF)	<50
Alternator Output Leads 1-Phase	3 wire
Alternator Output Leads 3-Phase	6 wire
Bearings	Single Sealed Cartridge
Coupling	Direct, Flexible Disc
Excitation System	Direct

VOLTAGE REGULATION

Type	Electronic
Sensing	Single Phase
Regulation	± 1%
Features	Adjustable Voltage & Gain

GOVERNOR SPECIFICATIONS

Type	Electronic Isochronous
Steady State Regulation	± 0.25%

ELECTRICAL SYSTEM

Battery Charge Alternator	50 Amp (15 & 20 kW) or 70 Amp (30, 48 & 50 kW)
Smart Battery Charger	2 Amp
Recommended Battery (battery not included)	Group 27F, 700 CCA
System Voltage	12 Volts

GENERATOR FEATURES

Revolving field heavy duty generator	
Directly connected to the engine	
Operating temperature rise 120°C above a 40°C ambient	
Class H insulation is NEMA rated	
Class F insulation is NEMA rated	
All models fully prototype tested	

ENCLOSURE FEATURES

Aluminum weather protective enclosure	Ensures protection against mother nature. Electrostatically applied textured epoxy paint for added durability.
Enclosed critical grade muffler	Quiet, critical grade muffler is mounted inside the unit to prevent injuries and maximize sound dampening.
Small, compact, attractive	Makes for an easy, eye appealing installation.
SAE	Sound attenuated enclosure ensures quiet operation.

15 • 20 • 30 • 48 • 50 kW

application & engineering data

ENGINE SPECIFICATIONS: 15 & 20 kW

Make	Generac
Model	In-line
Cylinders	4
Displacement (Liters)	2.28
Bore (in./mm)	3.46/88
Stroke (in./mm)	3.70/94
Compression Ratio	21.3:1
Intake Air System	Naturally Aspirated
Cylinder Head Type	Cast Iron OHV
Piston Type	Aluminum
EPA Emissions Compliance	Emergency Stationary

ENGINE SPECIFICATIONS: 30 kW

Make	Generac
Model	In-line
Cylinders	4
Displacement (Liters)	2.4
Bore (in./mm)	3.54/90
Stroke (in./mm)	3.70/94
Compression Ratio	21.3:1
Intake Air System	Turbocharged
Cylinder Head Type	Cast Iron OHV
Piston Type	Aluminum
EPA Emissions Compliance	Emergency Stationary

ENGINE SPECIFICATIONS: 48/50 kW

Make	Generac
Model	In-Line
Cylinders	4
Displacement (Liters)	3.4
Bore in/mm	3.86/98
Stroke in/mm	4.45/113
Compression Ratio	18.5:1
Intake Air System	Turbocharged/Aftercooled
Cylinder Head Type	Cast Iron OHV
Piston Type	Aluminum
EPA Emissions Compliance	Emergency Stationary

WEIGHTS AND DIMENSIONS

	15 kW	20 kW	30 kW	48 kW	50 kW
Weight (lb/kg)	1380/626		1927/874	2197/997	
Dimensions (LxWxH) (in/cm)	81 x 31 x 50/205 x 78 x 128			95 x 35 x 57/242 x 89 x 145	

ENGINE LUBRICATION SYSTEM

Oil Pump Type	Gear
Oil Filter Type	Full flow spin-on canister
Crankcase Capacity (quarts/liters)	6.87/6.5 - 15 & 20 kW 6.8/6.4 - 30 kW 7.4/7 - 48 & 50 kW

ENGINE COOLING SYSTEM

Type	Pressurized radiator - 15 & 20 kW Closed recovery - 30, 48 & 50 kW
Water Pump	Pre-lubed, self-seating
Fan Speed (rpm)	1800 - 15 & 20 kW 2061 - 30 kW 2029 - 48 & 50 kW
Fan Diameter (in/mm)	18.11/460 (15 & 20 kW) 22/559 (30, 48 & 50 kW)
Fan Mode	Pusher

FUEL SYSTEM

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Pump Type	Mechanical Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Line (mm/in)	7.94/0.31 (ID)
Fuel Return Line (mm/in)	7.94/0.31 (ID)
Fuel Specification	ASTM
Fuel Filtering (microns)	5 - 15, 20 & 30 kW 10 - 48 & 50 kW

TANK SPECIFICATIONS

Total Size (gallons/liters)	34/128.7 - 15 & 20 kW 62/234.7 - 30, 48 & 50 kW
Usable Size (gallons/liters)	32/121.1 - 15 & 20 kW 57/215.8 - 30, 48 & 50 kW
Run Time @ 1/2 Load (hrs)	41 - 15 kW 31 - 20 kW 38 - 30 kW 25 - 48 & 50 kW
Listings	UL142 ULC-S601

15 • 20 • 30 • 48 • 50 kW

GENERATOR OUTPUT VOLTAGE/kW - 60 Hz

		kW (Standby)	Amp (Standby)	CB Size
RD015	120/240 V, 1Ø, 1.0 pf	15	62	70
	120/208 V, 3Ø, 0.8 pf	15	52	60
	120/240 V, 3Ø, 0.8 pf	15	45	50
RD020	120/240 V, 1Ø, 1.0 pf	20	83	100
	120/208 V, 3Ø, 0.8 pf	20	69	80
	120/240 V, 3Ø, 0.8 pf	20	60	70
RD030	120/240 V, 1Ø, 1.0 pf	30	125	150
	120/208 V, 3Ø, 0.8 pf	30	104	125
	120/240 V, 3Ø, 0.8 pf	30	90	100
	277/480 V, 3Ø, 0.8 pf	30	45	50
RD048/ RD050	120/240 V, 1Ø, 1.0 pf	48	200	200
	120/208 V, 3Ø, 0.8 pf	50	173	200
	120/240 V, 3Ø, 0.8 pf	50	150	175
	277/480 V, 3Ø, 0.8 pf	50	75	90

SURGE CAPACITY IN AMPS

	Voltage Dip @ < .4 pf	15%	30%
RD015	120/240 V, 1Ø	53	129
	120/208 V, 3Ø	37	90
	120/240 V, 3Ø	32	78
RD020	120/240 V, 1Ø	87	211
	120/208 V, 3Ø	59	143
	120/240 V, 3Ø	51	124
RD030	120/240 V, 1Ø	66	168
	120/208 V, 3Ø	59	144
	120/240 V, 3Ø	51	125
	277/480 V, 3Ø	26	64
RD048/ RD050	120/240 V, 1Ø	69	189
	120/208 V, 3Ø	90	218
	120/240 V, 3Ø	78	189
	277/480 V, 3Ø	36	87

ENGINE FUEL CONSUMPTION

		gal/hr	L/hr
RD015	25% of rated load	0.51	1.93
	50% of rated load	0.79	2.99
	75% of rated load	1.14	4.31
	100% of rated load	1.48	5.58
RD020	25% of rated load	0.67	2.6
	50% of rated load	1.05	3.97
	75% of rated load	1.52	5.32
	100% of rated load	1.98	7.48
RD030	25% of rated load	0.92	3.5
	50% of rated load	1.45	5.5
	75% of rated load	1.96	7.4
	100% of rated load	2.74	10.4
RD048/ RD050	25% of rated load	1.35	5.11
	50% of rated load	2.15	8.14
	75% of rated load	3.06	11.58
	100% of rated load	3.98	15.07

15 • 20 • 30 • 48 • 50 kW

ENGINE COOLING

	15 kW	20 kW	30 kW	48/50 kW
Air flow (inlet air including alternator and combustion air in cfm/cmm)	2824/80	2824/80	3038/86	2824/80
System coolant capacity (gal/liters)	2.8/10.6	2.8/10.6	2.8/10.6	2.8/10.6
Heat rejection to coolant (BTU per hr/MJ per hr)	63,535/67	63,535/67	111,000/117.1	135,900/143.4
Maximum operation air temperature on radiator (°C/°F)			50/122	
Maximum ambient temperature (°C/°F)			50/122	

COMBUSTION REQUIREMENTS

Flow at rated power (cfm/cmm)	84.76/2.4	84.76/2.4	90/2.55	190/5.38
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SOUND EMISSIONS

Sound output in dB(A) at 23 ft (7 m) with generator in exercise mode*	65
Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load*	70

*Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters.

EXHAUST

Exhaust flow at rated output (cfm/cmm)	98.88/2.8	98.88/2.8	230/6.51	448/12.7
Exhaust temperature at rated output (°C/°F)	604.4/1120	604.4/1120	454.4/850	604.4/1120

ENGINE PARAMETERS

Rated Synchronous RPM	1800			
HP at rated kW	26.4	33.5	49	85

POWER ADJUSTMENT FOR AMBIENT CONDITIONS

Temperature Deration3% for every 5 °C above 25 °C or 1.7% for every 5 °F above 77 °F
Altitude Deration (15, 30, 48 & 50 kW)1% for every 100 m above 915 m or 3% for every 1000 ft above 3000 ft
Altitude Deration (20 kW)1% for every 100 m above 305 m or 3% for every 1000 ft above 1000 ft

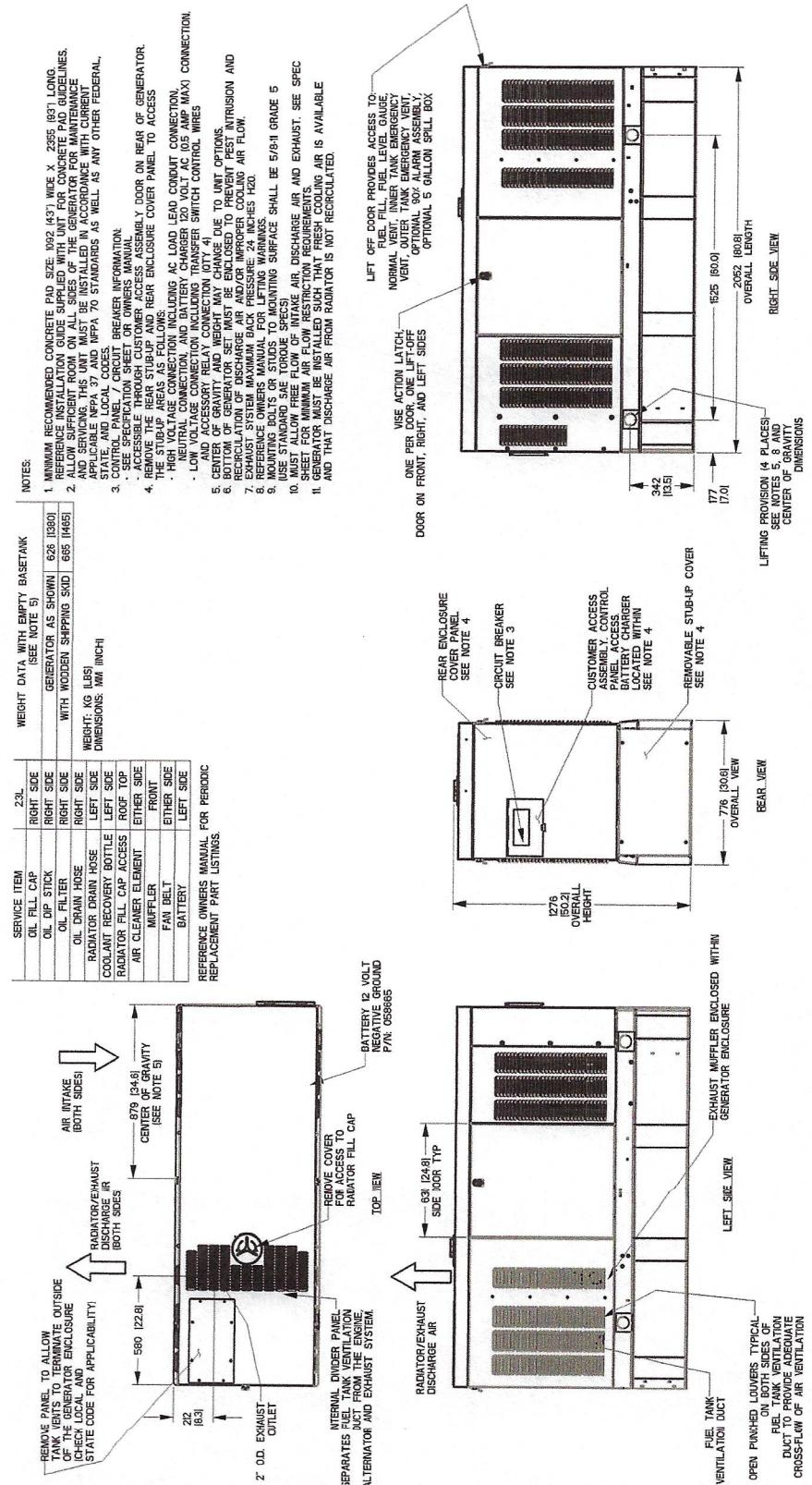
CONTROLLER FEATURES

2-Line Plain Text Multilingual LCD Display	Simple user interface for ease of operation.
Mode Buttons: Auto	Automatic Start on Utility failure. Programmable 7 day exerciser.
Manual	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
Off	Stops unit. Power is removed. Control and charger still operate.
Ready to Run/Maintenance Messages	Standard
Engine Run Hours Indication	Standard
Programmable start delay between 2-1500 seconds	Standard (programmable by dealer only)
Utility Voltage Loss/Return to Utility Adjustable	From 140-171 V/190-216 V
Future Set Capable Exerciser/Exercise Set Error Warning	Standard
Run/Alarm/Maintenance Logs	50 Events Each
Engine Start Sequence	Cyclic cranking: 16 sec on, 7 rest (90 sec maximum duration).
Starter Lock-out	Starter cannot re-engage until 5 sec after engine has stopped.
Smart Battery Charger	Standard
Charger Fault/Missing AC Warning	Standard
Low Battery/Battery Problem Protection and Battery Condition Indication	Standard
Automatic Voltage Regulation with Over and Under Voltage Protection	Standard
Under-Frequency/Overload/Stepper Overcurrent Protection	Standard
Safety Fused/Fuse Problem Protection	Standard
Automatic Low Oil Pressure/High Oil Temperature Shutdown	Standard
Overcrank/Overspeed (@ 72 Hz)/RPM Sense Loss Shutdown	Standard
High Engine Temperature Shutdown	Standard
Internal Fault/Incorrect Wiring Protection	Standard
Common External Fault Capability	Standard
Field Upgradable Firmware	Standard

installation layout

15 & 20 kW

Drawing #0K7025-C (1 of 2)

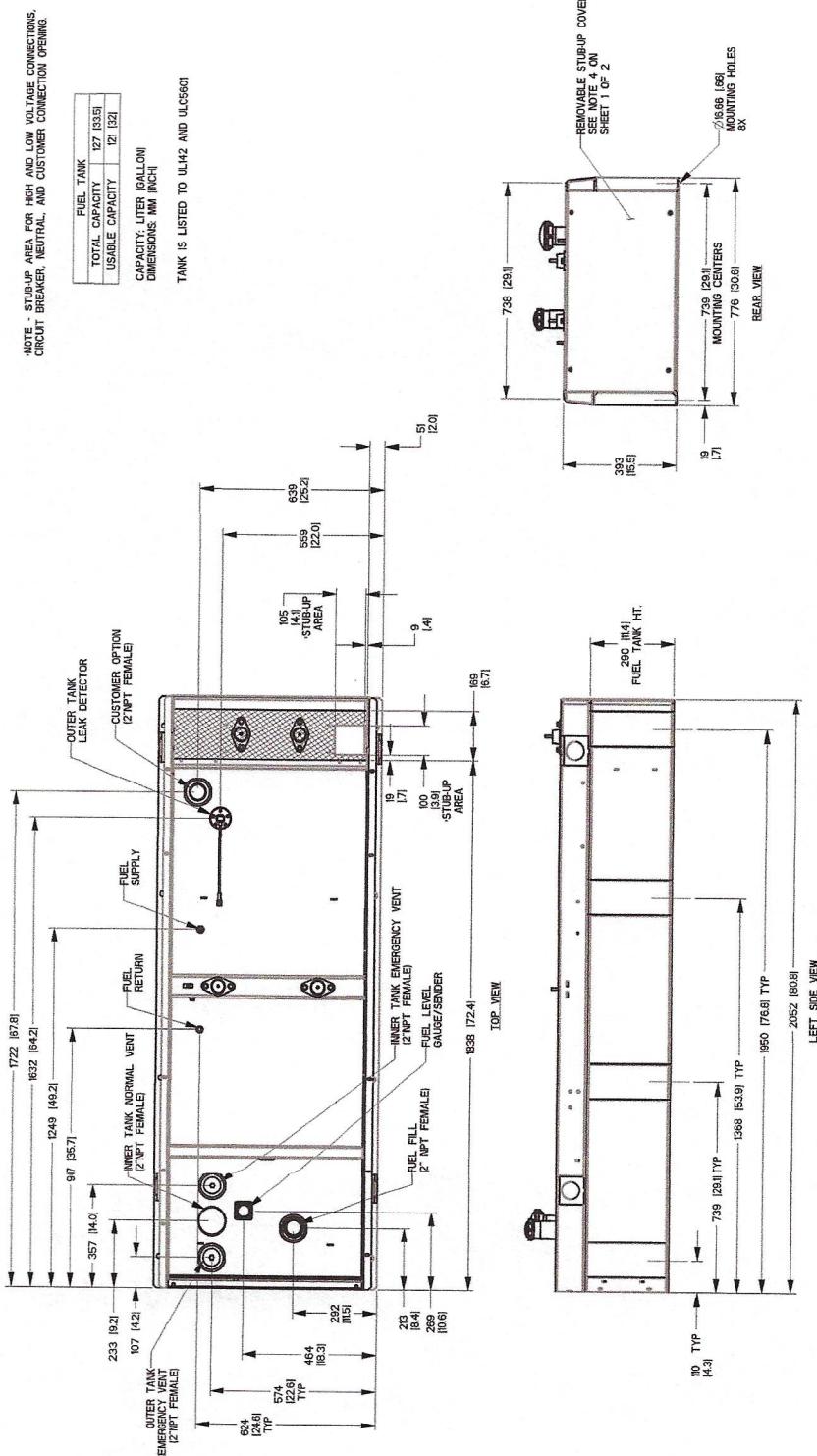


15 & 20 kW

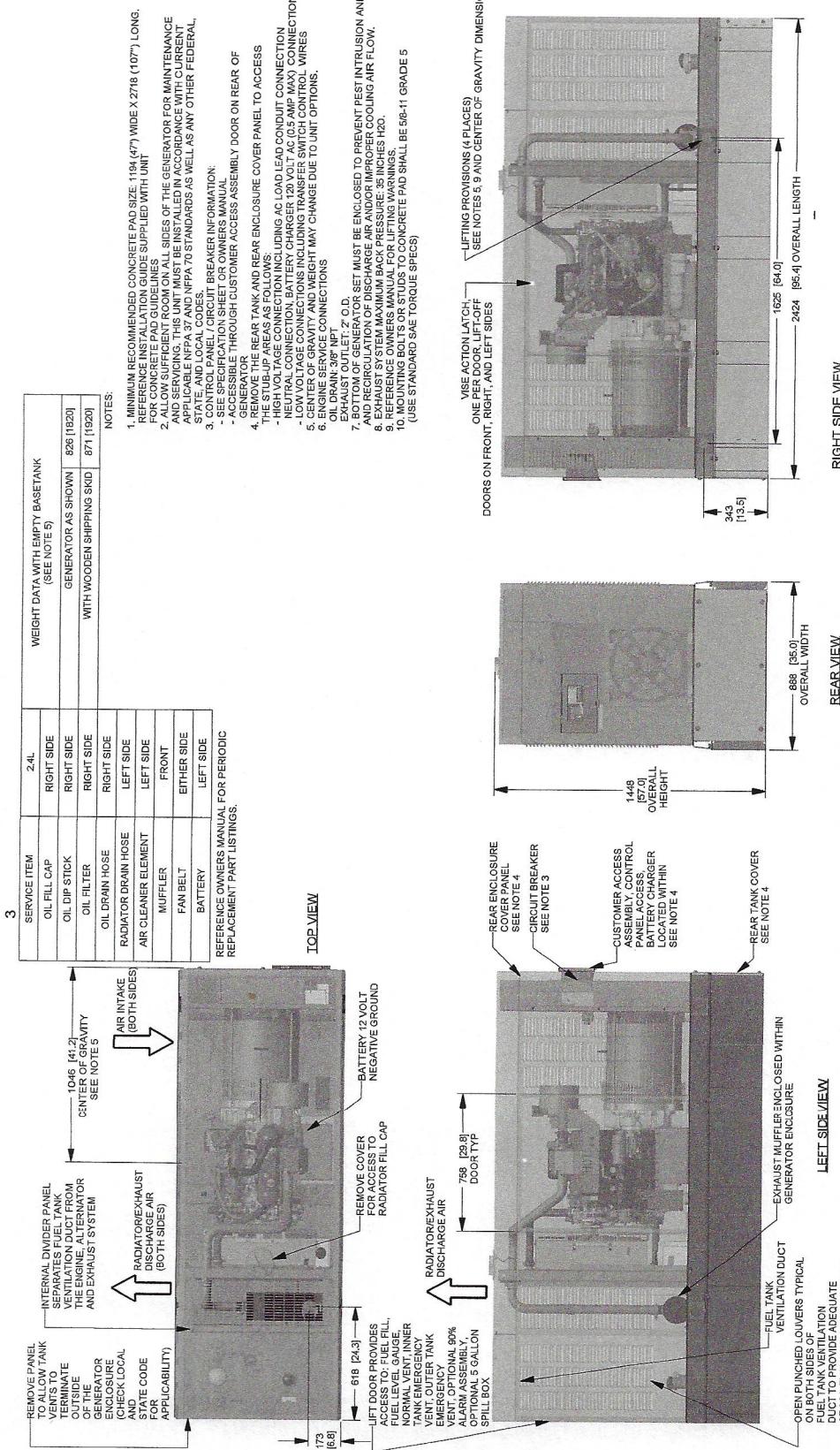
GENERAC®

installation layout

Drawing #OK7025-C (2 of 2)

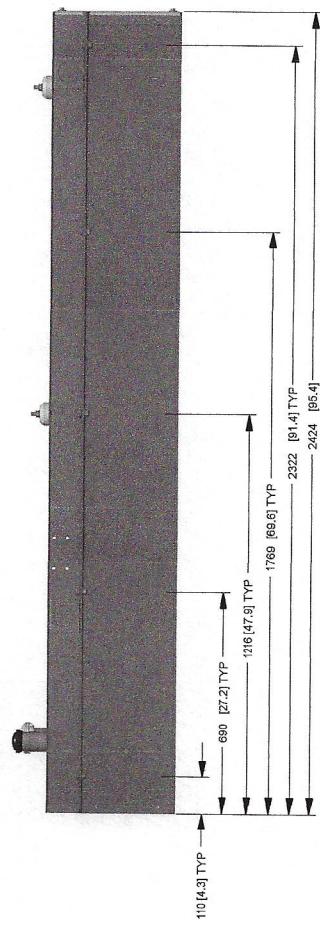
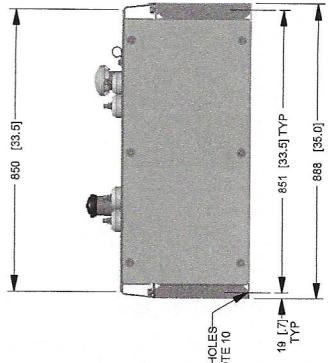
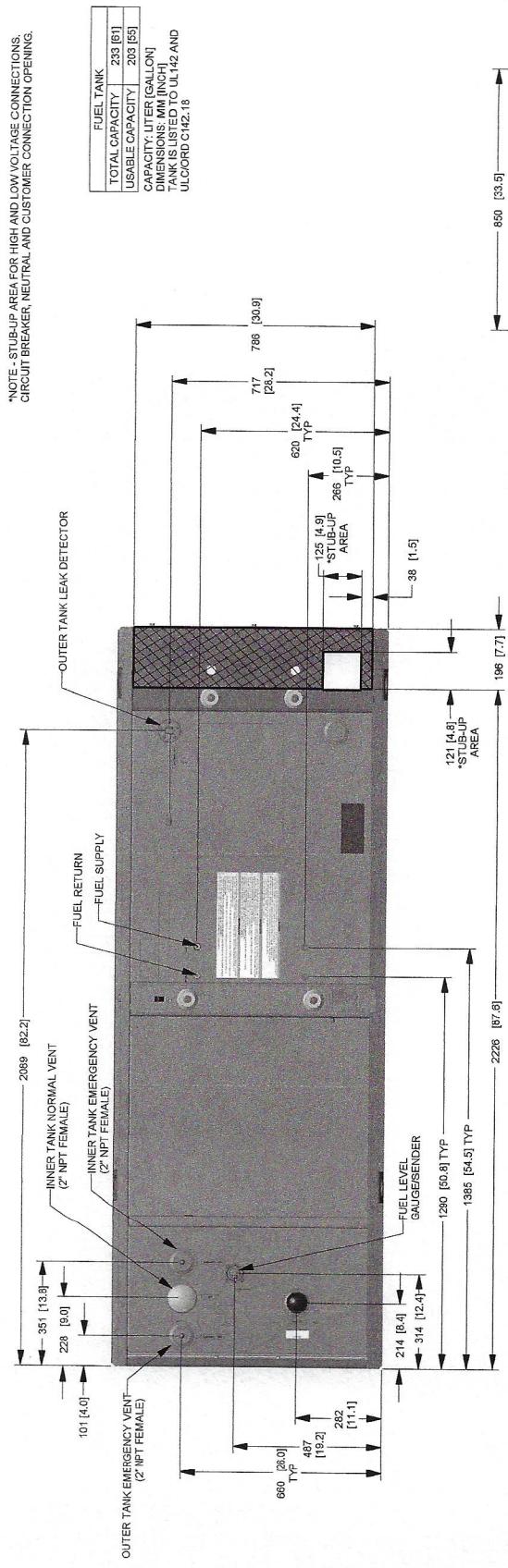


Drawing #0K7002-C (1 of 2)



30 kW

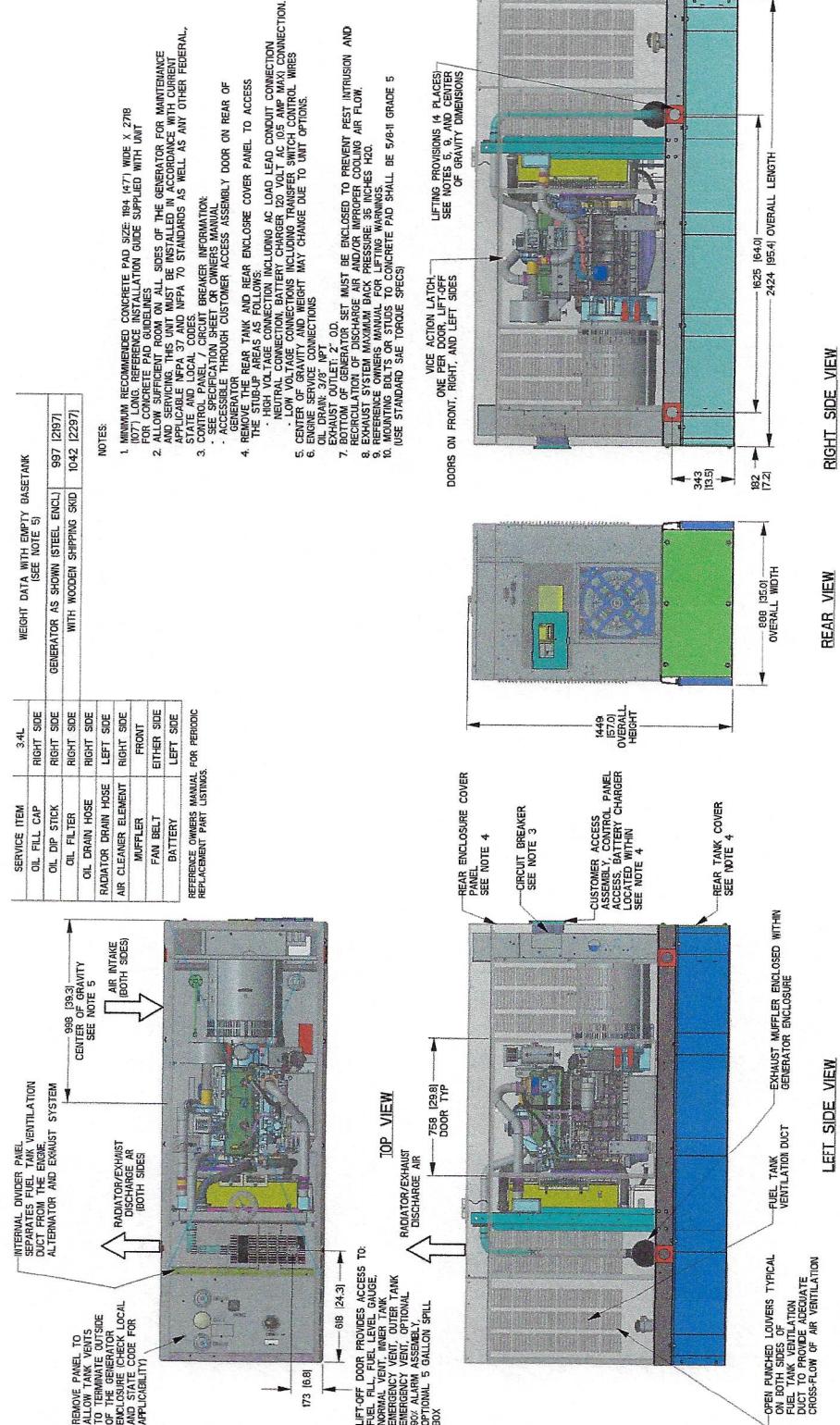
*NOTE - STUB-UP AREA FOR HIGH AND LOW VOLTAGE CONNECTIONS.
CIRCUIT BREAKER, NEUTRAL AND CUSTOMER CONNECTION OPENING.



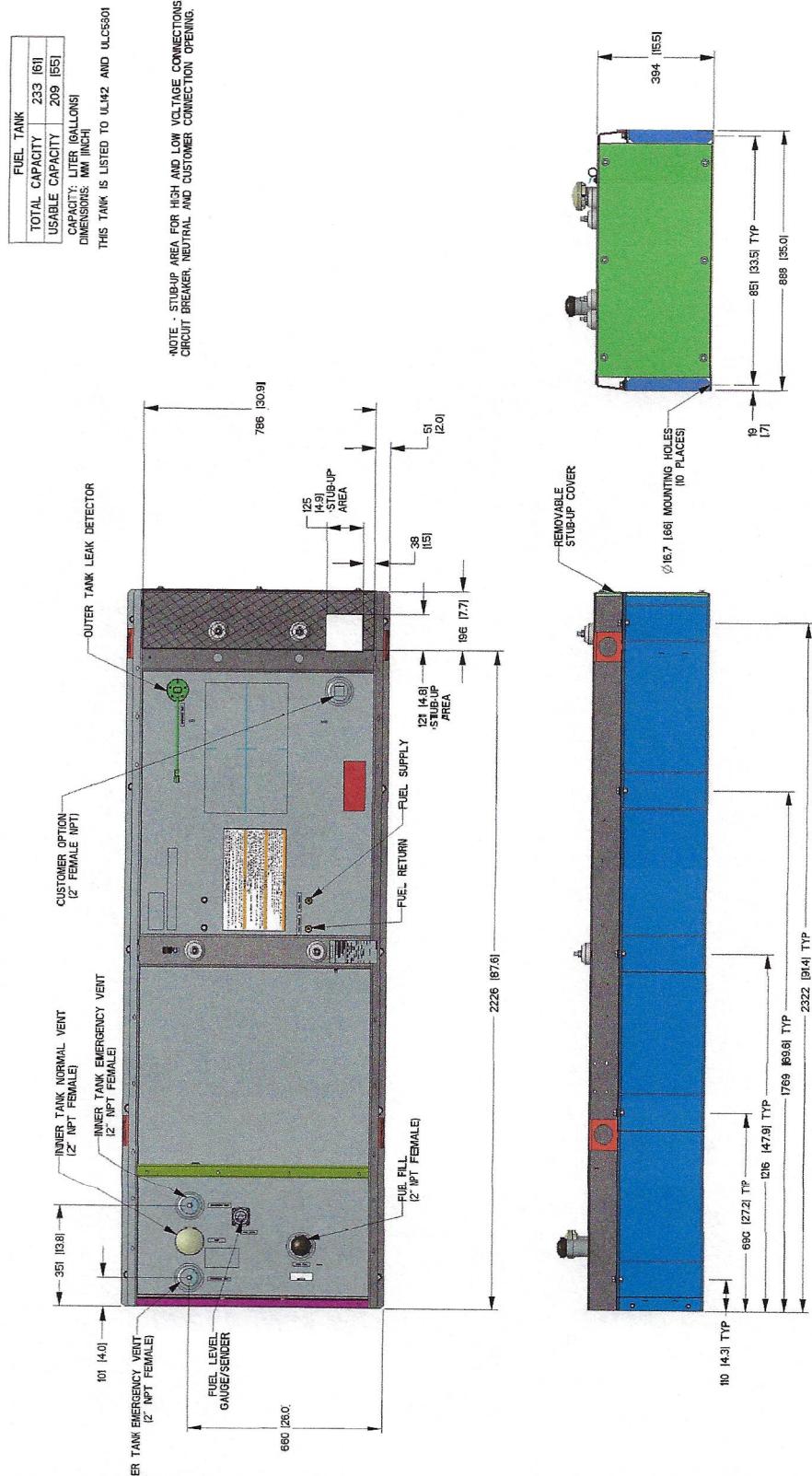
installation layout

48 & 50 kW

Drawing #0K6968-C (1 of 2)



48 & 50 kW

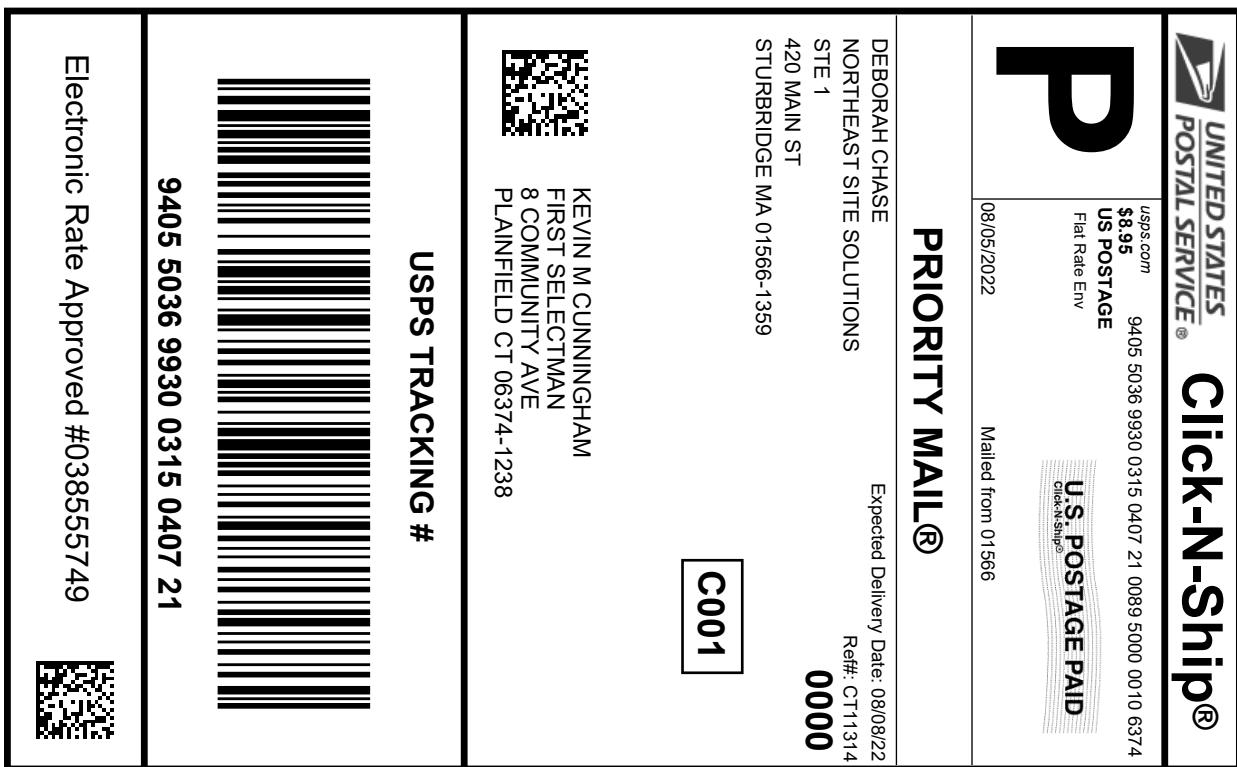


15 • 20 • 30 • 48 • 50 kW

available accessories

Model #	Product	Description
G006463-4	Mobile Link™	Generac's Mobile Link allows you to check the status of your generator from anywhere that you have access to an Internet connection from a PC or with any smart device. You will even be notified when a change in the generator's status occurs via e-mail or text message. Note: Harness Adapter Kit required. Available in the U.S. only.
G006478-0	Harness Adapter Kit	The Harness Adapter Kit is required to make liquid-cooled units compatible with Mobile Link™.
G006502-0	Spill Box	The 5-gallon spill box screws into the existing fuel fill port of the base tank. It captures and contains fuel if over fueling or spilling occurs during the fill process.
G006504-0	90% Fuel Level Alarm	The 90% fuel level alarm alerts the fuel fill operator when the tank reaches a 90% fill level by sounding an audible alarm and triggering an LED warning light.
G006505-0 - 15 & 20 kW G006506-0 - 30, 48 & 50 kW	Tank Risers	Tank risers are required in some municipalities to help avoid potential base tank corrosion caused by mounting on rough surfaces.
G006507-0	Fuel Fill Drop Tube	A powder coat painted, steel fuel fill drop tube is required in some municipalities to prevent sparking due to static electricity buildup, which can be caused by the fuel dropping into the tank from the fill area. Using a drop tube also results in submerged filling, which increases the fuel delivery flow rate and reduces vapors, foam and potential tank evaporation.
G006513-0 - 15 & 20 kW G006517-0 - 30 kW G006516-0 - 48 & 50 kW	Stainless Steel Fuel Lines	Some municipalities require the use of stainless steel fuel lines instead of the standard hoses provided with the diesel generator products. These stainless steel lines are fire resistant for additional safety.
G006510-0	E-Stop	E-stop allows for immediate fuel shutoff and generator shutdown in the event of an emergency.
006511-0	Spill Box Drainback Kit	The spill box drainback kit allows fuel that was captured in the 5-gallon spill box to be drained directly back into the fuel tank to avoid vapors.
G006588-1	Vent Extension Support Kit	The vent extension support kit consists of two aluminum plates with the appropriate pipe cutouts to secure the vent extension pipes coming through the top of the generator enclosure. It helps to minimize stress on the NPT fittings integrated on the tank and also helps protect against pests.
G006512-0	Lockable Fuel Cap	The cast iron, lockable fuel cap provides the ability to lock the fuel system to prevent unwanted fuel tampering or fuel siphoning.
G006572-0 - 15 & 20 kW G006571-0 - 30 kW G006570-0 - 48 & 50 kW	Maintenance Kits	The Protector Maintenance Kits offer all the hardware necessary to perform complete maintenance on Generac Protector generators.
G006560-0 - 15 & 20 kW G006559-0 - 30 kW G006558-0 - 48 & 50 kW	Cold Weather Kits	Recommended for generators installed in regions where the temperature regularly falls below 32 °F (0 °C). The Cold Weather Kits consist of a block heater with all necessary mounting hardware and a battery warmer with a thermostat built into the battery wrap.
G005704-0	Paint Kit	If the generator enclosure is scratched or damaged, it is important to touch-up the paint to protect from future corrosion. The paint kit includes the necessary paint to properly maintain or touch-up a generator enclosure.
G006664-0	Local Wireless Remote	Completely wireless and battery powered, Generac's wireless remote monitor provides you with instant status information without ever leaving the house.
G006665-0	Wireless Remote Extension Harness	Recommended for use with the Wireless Remote on units up to 60 kW, required for use on units 70 kW or greater.
G006873-0	Smart Management Module (50 Amps)	Manage large loads by utilizing up to 8 individual Smart Management modules. These devices are installed directly in line with existing appliance wiring for easy installation.

Exhibit E



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Instructions

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2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
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Click-N-Ship® Label Record

USPS TRACKING #:
9405 5036 9930 0315 0407 21

Trans. #:	569137620	Priority Mail® Postage:	\$8.95
Print Date:	08/05/2022	Total:	\$8.95
Ship Date:	08/05/2022		
Expected			
Delivery Date:	08/08/2022		

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1356
Ref#: CT11314

To: KEVIN M CUNNINGHAM
FIRST SELECTMAN
8 COMMUNITY AVE
PLAINFIELD CT 06374-1238

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



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Electronic Rate Approved #038555749

9405 5036 9930 0315 0407 21



LINCOLN MALL
560 LINCOLN ST STE 8
WORCESTER, MA 01605-1925
(800)275-8777

08/05/2022

02:03 PM

Product	Qty	Unit Price
---------	-----	------------

Prepaid Mail	1	\$0.00
Plainfield, CT 06374		
Weight: 0 lb 7.00 oz		
Acceptance Date:		
Fri 08/05/2022		
Tracking #:		
9405 5036 9930 0315 0407 21		

Grand Total:	\$0.00
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eligible to receive a third set
of 8 free test kits.
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Preview your Mail
Track your Packages
Sign up for FREE @
<https://informeddelivery.usps.com>

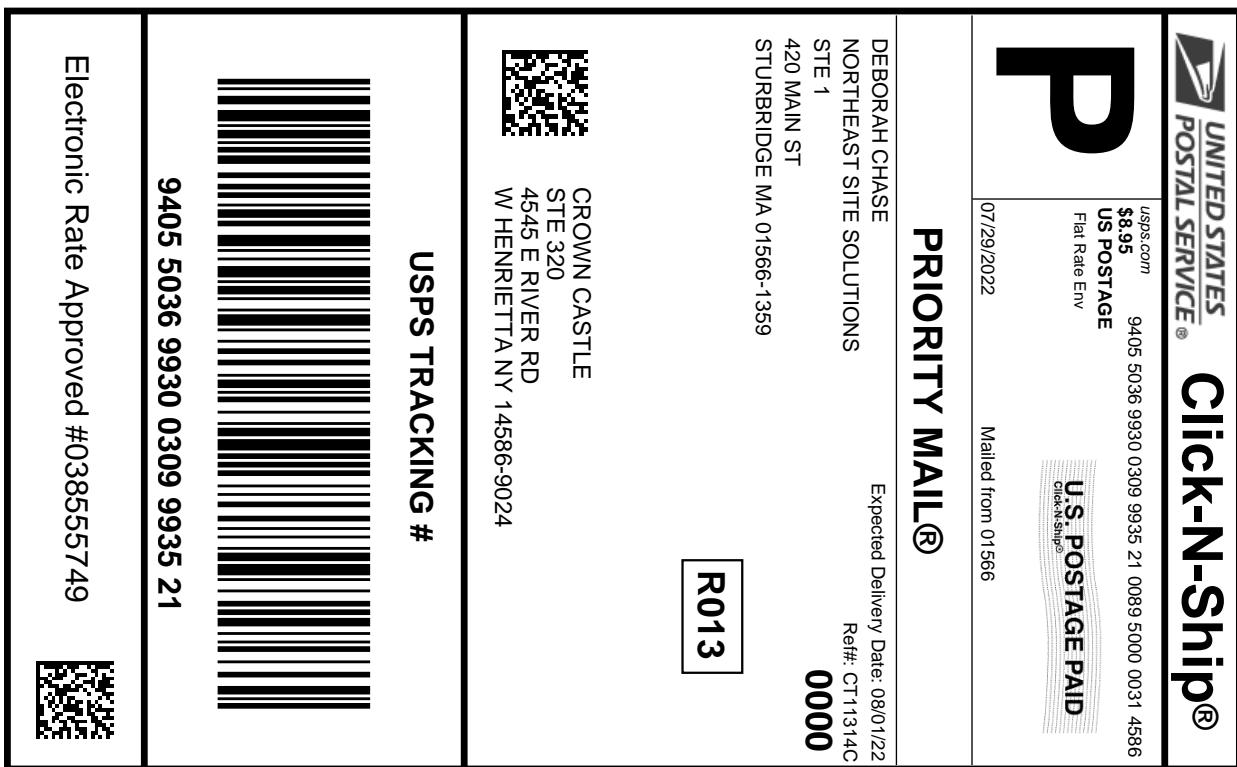
All sales final on stamps and postage.
Refunds for guaranteed services only.
Thank you for your business.

Tell us about your experience.
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or scan this code with your mobile device,



or call 1-800-410-7420.

UFN: 249632-1106
Receipt #: 840-50180078-2-4527069-1
Clerk: 17



—X— *Cut on dotted line.*

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Click-N-Ship® Label Record

USPS TRACKING #:
9405 5036 9930 0309 9935 21

Trans. #:	568707110	Priority Mail® Postage:	\$8.95
Print Date:	07/29/2022	Total:	\$8.95
Ship Date:	07/29/2022		
Expected			
Delivery Date:	08/01/2022		

From:	DEBORAH CHASE NORTHEAST SITE SOLUTIONS STE 1 420 MAIN ST STURBRIDGE MA 01566-1359	Ref#: CT11314C
To:	CROWN CASTLE STE 320 4545 E RIVER RD W HENRIETTA NY 14586-9024	

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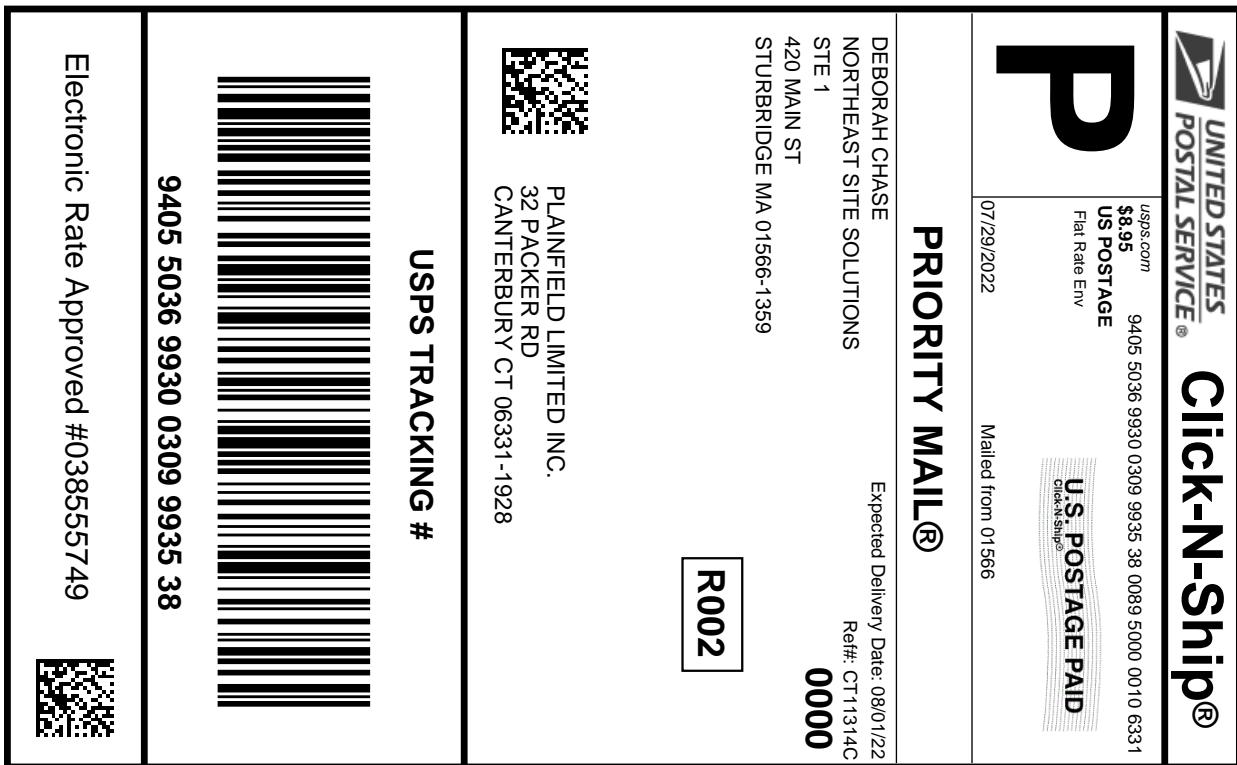


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Check the status of your shipment on the USPS Tracking® page at usps.com

Electronic Rate Approved #038555749

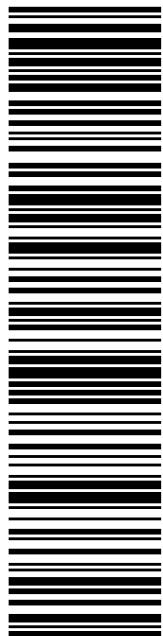
9405 5036 9930 0309 9935 21



—X— *Cut on dotted line.*

Instructions

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5. Mail your package on the "Ship Date" you selected when creating this label.



9405 5036 9930 0309 9935 38

Electronic Rate Approved #038555749



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Click-N-Ship® Label Record

USPS TRACKING #:
9405 5036 9930 0309 9935 38

Trans. #:	568707110	Priority Mail® Postage:	\$8.95
Print Date:	07/29/2022	Total:	\$8.95
Ship Date:	07/29/2022		
Expected			
Delivery Date:	08/01/2022		

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

To: PLAINFIELD LIMITED INC.
32 PACKER RD
CANTERBURY CT 06331-1928

Ref#: CT11314C

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CT1314C TMO NHP



FARMINGTON
210 MAIN ST
FARMINGTON, CT 06032-9998
(800)275-8777

08/01/2022

04:41 PM

Product	Qty	Unit Price	Price
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Prepaid Mail	1		\$0.00
West Henrietta, NY 14586			
Weight: 0 lb 2.00 oz			
Acceptance Date:			
Mon 08/01/2022			
Tracking #:			
9405 5036 9930 0309 9935 21			

Prepaid Mail	1		\$0.00
Plainville, CT 06062			
Weight: 0 lb 6.80 oz			
Acceptance Date:			
Mon 08/01/2022			
Tracking #:			
9405 5036 9930 0309 9935 07			

Prepaid Mail	1		\$0.00
Canterbury, CT 06331			
Weight: 0 lb 6.70 oz			
Acceptance Date:			
Mon 08/01/2022			
Tracking #:			
9405 5036 9930 0309 9935 38			

Prepaid Mail	1		\$0.00
Plainfield, CT 06374			
Weight: 0 lb 6.70 oz			
Acceptance Date:			
Mon 08/01/2022			
Tracking #:			
9405 5036 9930 0309 9934 84			

Grand Total: \$0.00

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