

NOTE TO GENERAL CONTRACTOR:
 NO WORK IS TO BE PERFORMED ON THIS SITE WITHOUT REVIEW OF THE APPROVED STRUCTURAL ANALYSIS. IF ANY DISCREPANCIES ARE FOUND, THE GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING. AT NO TIME WILL ANY ADDITIONAL ANTENNAS BE INSTALLED WITHOUT WRITTEN CONSENT FROM TOWER/BUILDING ENGINEER.



**T-MOBILE NORTHEAST LLC
 ZONING DRAWINGS**

SITE NUMBER: UP50068A

SITE NAME: ROCKINGHAM PARK

T-MOBILE COVERAGE STRATEGY INSTALLATION, DESIGN 4SEC-67E5D998E 6160

**30-40 SOCCERFIELD DRIVE
 WAPPINGERS FALLS, NY 12590
 TOWN OF WAPPINGER
 DUTCHESS COUNTY**



1777 SENTRY PARKWAY WEST
 VEVA 17, SUITE 400
 BLUE BELL, PA 19422
 (267) 460-0122

TKK ENGINEERING DPC
 PSC #123266
 NY CERTIFICATION OF
 AUTHORIZATION NO. 020084
 6095 MARSHALEE DRIVE, SUITE 300
 ELKBRIDGE, MD 21075
 410-712-7092



UP50068A
 ROCKINGHAM PARK
 30-40 SOCCERFIELD DRIVE
 WAPPINGERS FALLS, NY 12590
 HAMLET OF MYERS CORNER
 DUTCHESS COUNTY

REVISIONS

REV	DATE	DESCRIPTION	BY
0	07/09/25	PRELIMINARY ZDs	TR

PRELIMINARY
 (NOT FOR CONSTRUCTION)

KRUPAKARAN KOLANDAIVELU, P.E.
 STATE OF NEW YORK
 PROFESSIONAL ENGINEER
 LICENSE #091974
 EXPIRATION DATE:03/31/27

TITLE SHEET

T-1

SITE INFORMATION

911 ADDRESS: 30-40 SOCCERFIELD DRIVE
 WAPPINGERS FALLS, NY 12590

LATITUDE (NAD 83): 41° 34' 49.0368" N (41.580288°)
 LONGITUDE (NAD 83): 73° 51' 13.59" W (-73.853775°)

GROUND ELEVATION: 235.0' (AMSL)

CONSTRUCTION TYPE: IIB
 USE GROUP: U

TOWER OWNER: WIRELESS EDGE
 38 WEST MARKET STREET
 RHINEBECK, NY 12572

TOWER OWNER SITE ID: WEC-NY-22

TAX ACCOUNT NUMBER: 6357-01-114590

PARCEL AREA: 4.9± ACRES

PARCEL OWNER: TOWN OF WAPPINGER
 20 MIDDLEBUSH RD
 WAPPINGERS FALLS, NY 12590

STRUCTURE TYPE: MONOPINE

STRUCTURE HEIGHT: 120.0'

JURISDICTION: TOWN OF WAPPINGER
 20 MIDDLEBUSH RD
 WAPPINGERS FALLS, NY 12590

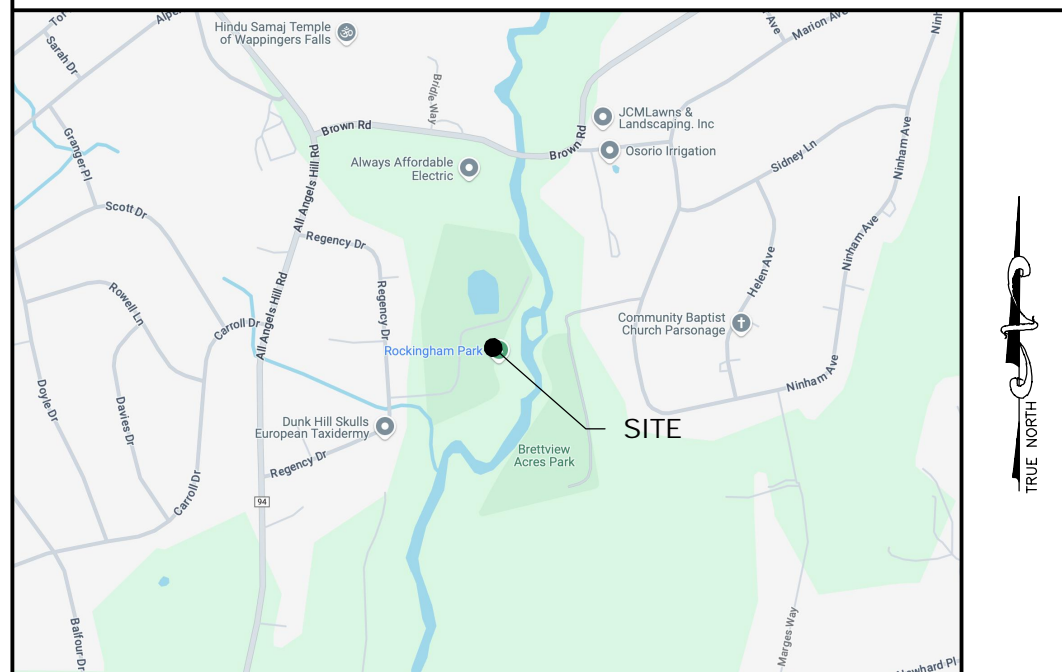
PROJECT TEAM

APPLICANT: T-MOBILE NORTHEAST LLC
 103 MONARCH DRIVE
 LIVERPOOL, NY 13088
 OFFICE: (315) 265-1882

PROJECT MANAGEMENT FIRM: NETWORK BUILDING + CONSULTING, LLC.
 1777 SENTRY PARKWAY WEST
 VEVA 17, SUITE 400
 BLUE BELL, PA 19422
 (267) 460-0122

ENGINEERING FIRM: TKK ENGINEERING DPC
 6095 MARSHALEE DRIVE
 SUITE 300
 ELKBRIDGE, MD 21075
 (410) 712-7092

VICINITY MAP



SCOPE OF WORK

PROJECT CONSISTS OF INSTALLING (1) PROPOSED CONCRETE PAD, (1) PROPOSED WEATHER CANOPY, (1) PROPOSED EQUIPMENT CABINET, (1) PROPOSED BATTERY CABINET, (1) PROPOSED GENERATOR, (1) PROPOSED H-FRAME, (1) PROPOSED AAV CABINET, (1) PROPOSED PPC, (1) PROPOSED AUTOMATIC TRANSFER SWITCH, (3) PROPOSED RP 6651, (1) PROPOSED CSR IXRE, (1) PROPOSED GPS ANTENNA, (1) PROPOSED CABLE BRIDGE, (4) PROPOSED FLOOD LIGHTS, (2) PROPOSED T-ARM KITS, (8) PROPOSED ANTENNAS, (8) PROPOSED RRUs, AND (4) PROPOSED 1-5/8"Ø (6X24) HYBRID CABLES TO AN EXISTING WIRELESS TELECOMMUNICATIONS FACILITY.

CODE COMPLIANCE

- ALL WORK AND MATERIALS SHALL BE PERFORMED AND 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 THE LATEST EDITIONS OF THE FOLLOWING CODES.
- 2020 BUILDING CODE OF NEW YORK STATE
 - ANSI/TIA-222-H (NY EDITION)
 - NFPA 70, 2017 NATIONAL ELECTRICAL CODE
 - TIA 607
 - NFPA 101, LIFE SAFETY CODE
 - INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
 - 2020 NEW YORK STATE FIRE CODE
 - IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
 - AMERICAN CONCRETE INSTITUTE
 - TELECORDIA GR-1275
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION
 - ANSI/T 311
 - MANUAL OF STEEL CONSTRUCTION 15TH EDITION

DRAWING INDEX

- T-1 TITLE SHEET
- C-1 SITE PLAN
- C-2 LIST OF PROPERTY OWNERS AND PHOTOS
- C-3 COMPOUND PLAN
- C-4 ELEVATION
- C-5 LIGHT SPECIFICATIONS
- C-6 GENERATOR SPECIFICATIONS

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE SCALED AT FULL SIZE (22"X34") AND MAY NOT SCALE WHEN PRINTED AT OTHER SIZES. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGNER / ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICE TO PREVENT STORM WATER POLLUTION DURING CONSTRUCTION.

APPROVAL BLOCK

	DATE	APPROVED	APPROVED AS NOTED	DISAPPROVED/REVISE
PROPERTY OWNER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SITE ACQUISITION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONSTRUCTION MANAGER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONING		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF ENGINEER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



GENERAL NOTES

1. THIS SITE PLAN IS NOT THE RESULT OF A SURVEY. IT IS BASED ON FIELD MEASUREMENTS AND/OR SCALED ASSESSORS MAPS AVAILABLE. ALL INFORMATION SHOWN IS APPROXIMATE ONLY AND SUBJECT TO ANY CONDITION THAT A SURVEY MAY REVEAL.
2. NO SIGNIFICANT NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
3. THE FACILITY IS UNMANNED AND NOT INTENDED FOR HUMAN HABITATION. THERE IS NO HANDICAP ACCESS REQUIRED.
4. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.

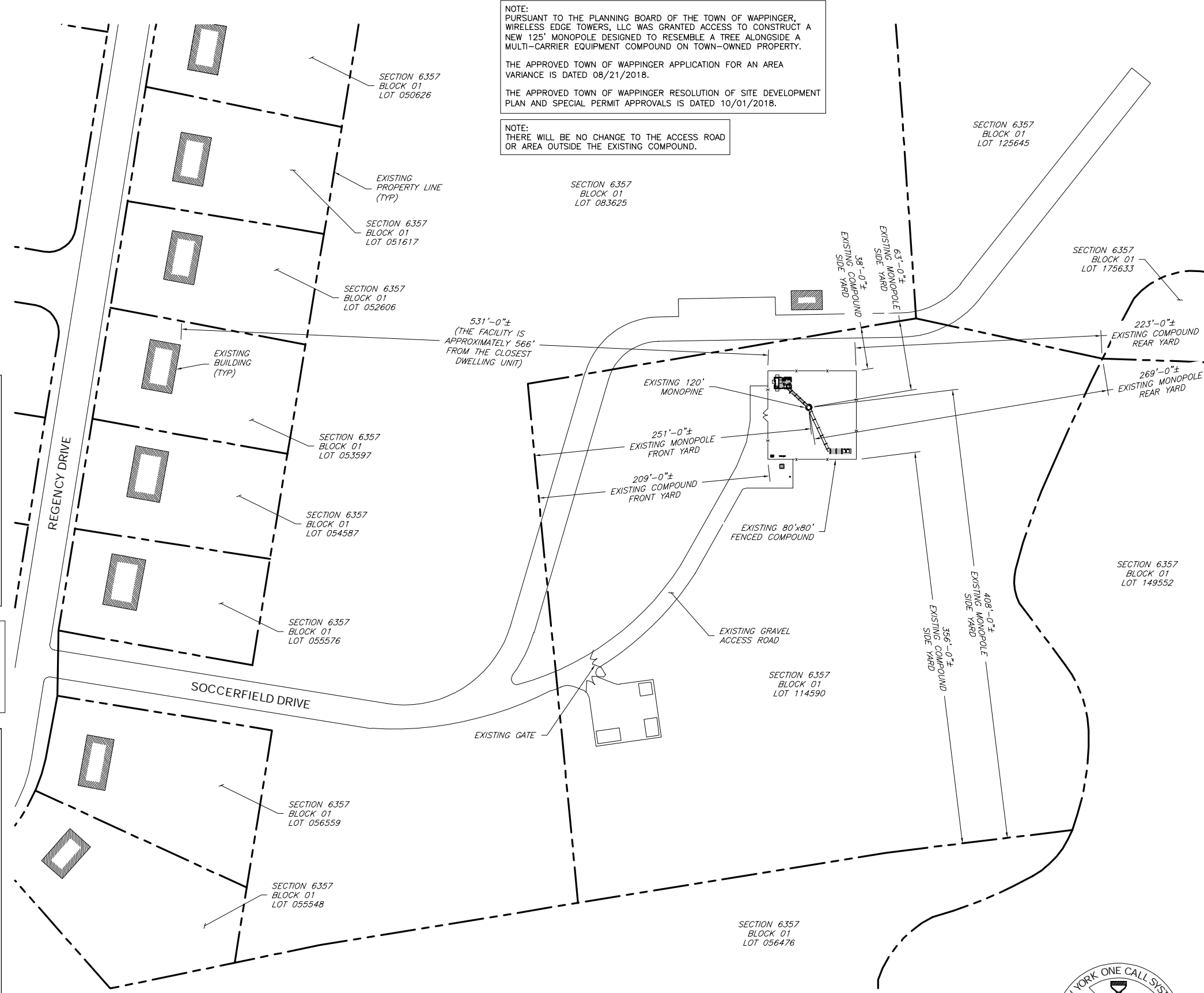
LEGEND	
	IRON BAR/PIPE
	WATER VALVE
	UTILITY POLE
	FIRE HYDRANT
	TREES/LANDSCAPING
	MANHOLES
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	PROPERTY SETBACK LINE
	RIGHT OF WAY
	ZONING DISTRICT LINE
	ELECTRIC
	CONTOUR - MIN.
	EXISTING BUILDING
	GAS LINE
	EXISTING TELCO
	OVERHEAD WIRE
	UNDERGROUND WIRE
	PROPOSED CONTOURS
	EXISTING CONTOURS
	PROPOSED ELECTRIC
	PROPOSED TELCO
	UNDERGROUND FIBER
	UNDERGROUND ELECTRIC
	CHAIN LINK FENCE
	TREELINE
	CONTOUR - MAJ.

- NOTE:
1. SETBACKS ARE 1.5 TIMES HEIGHT OF FACILITY.
 2. THE EXISTING FACILITY IS NOT LOCATED WITHIN 750 FEET OF A DAY-CARE, HOSPITAL, NURSING HOME, CHURCH, SYNAGOGUE OR OTHER PLACE OF WORSHIP.
 3. THE FACILITY IS NOT CLOSER THAN 1500' ON A HORIZONTAL PLANE TO ANY EXISTING STRUCTURE WHICH IS OR IS CAPABLE OF BEING OCCUPIED OR HABITABLE ON THE PROPERTY OF A SCHOOL.
 4. THE FACILITY IS APPROXIMATELY 566' FROM THE CLOSEST DWELLING UNIT.

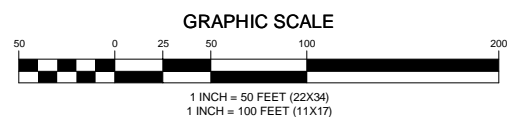
ZONING INFORMATION			
JURISDICTION:	TOWN OF WAPPINGER		
ZONING:	R-40 (RESIDENTIAL)		
DIMENSION	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA	40,000 SQ. FT.	4.9± ACRE	NO CHANGE
MINIMUM LOT WIDTH	125'	1361'±	NO CHANGE
MINIMUM LOT DEPTH	125'	485'±	NO CHANGE
FRONT YARD SETBACK	50'	209'±	NO CHANGE
SIDE YARD SETBACK	25'	38'±	NO CHANGE
REAR YARD SETBACK	50'	223'±	NO CHANGE
MAXIMUM BUILDING COVERAGE	12%	0.076±%	NO CHANGE
MINIMUM YARDS & SETBACKS (EXISTING MONOPOLE)			
DIMENSION	REQUIRED	EXISTING	PROPOSED
FRONT YARD SETBACK	187.5'	251'±	NO CHANGE
SIDE YARD SETBACK	187.5'	63'±	NO CHANGE
REAR YARD SETBACK	187.5'	269'±	NO CHANGE
MAXIMUM BUILDING COVERAGE	12%	0.076±%	NO CHANGE
MAXIMUM HEIGHT	N/A	125'±	NO CHANGE
EQUIPMENT HEIGHT (HEIGHT OF ICE SHIELD)	12'	8'±	NO CHANGE
(ALL MEASUREMENTS ARE IN FEET ± UNLESS OTHERWISE NOTED)			

NOTE:
PURSUANT TO THE PLANNING BOARD OF THE TOWN OF WAPPINGER, WIRELESS EDGE TOWERS, LLC WAS GRANTED ACCESS TO CONSTRUCT A NEW 125' MONOPOLE DESIGNED TO RESEMBLE A TREE ALONGSIDE A MULTI-CARRIER EQUIPMENT COMPOUND ON TOWN-OWNED PROPERTY.
THE APPROVED TOWN OF WAPPINGER APPLICATION FOR AN AREA VARIANCE IS DATED 08/21/2018.
THE APPROVED TOWN OF WAPPINGER RESOLUTION OF SITE DEVELOPMENT PLAN AND SPECIAL PERMIT APPROVALS IS DATED 10/01/2018.

NOTE:
THERE WILL BE NO CHANGE TO THE ACCESS ROAD OR AREA OUTSIDE THE EXISTING COMPOUND.



1 SITE PLAN
SCALE: 1" = 50' (22X34)
SCALE: 1" = 100' (11X17)



NEW YORK LAW REQUIRES THREE WORKING DAYS NOTICE PRIOR TO ANY EARTH MOVING ACTIVITIES

PROJECT MANAGEMENT FIRM	NB+C TOTALLY COMMITTED. 1777 SENTRY PARKWAY WEST VEVA 17, SUITE 400 BLUE BELL, PA 19422 (267) 460-0122								
ENGINEER	TKK ENGINEERING DPC PSC #123266 NY CERTIFICATION OF AUTHORIZATION NO. 020084 6095 MARSHALEE DRIVE, SUITE 300 ELKRIEGE, MD 21075 410-712-7092								
APPLICANT	T-Mobile T-MOBILE NORTHEAST LLC 103 MONARCH DRIVE LIVERPOOL, NY 13088								
SITE INFORMATION	UP50068A ROCKINGHAM PARK 30-40 SOCCERFIELD DRIVE WAPPINGERS FALLS, NY 12590 HAMLET OF MYERS CORNER DUTCHESS COUNTY								
DESIGN RECORD	REVISIONS <table border="1"> <tr> <td>0</td> <td>07/09/25</td> <td>PRELIMINARY ZDs</td> <td>TR</td> </tr> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </table>	0	07/09/25	PRELIMINARY ZDs	TR	REV	DATE	DESCRIPTION	BY
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ENGINEER	KRUPAKARAN KOLANDAIVELU, P.E. STATE OF NEW YORK PROFESSIONAL ENGINEER LICENSE #091974 EXPIRATION DATE:03/31/27								
SHEET TITLE	SITE PLAN								
SHEET NUMBER	C-1								

**LIST OF PROPERTY OWNERS
(ABUTTING AND ACROSS THE STREET)**

SECTION	BLOCK	LOT	OWNER	ADDRESS
6357	01	114590	TOWN OF WAPPINGER	20 MIDDLEBRUSH ROAD, WAPPINGER FALLS, NY 12590
6357	01	056476	TOWN OF WAPPINGER	20 MIDDLEBRUSH ROAD, WAPPINGER FALLS, NY 12590
6357	01	083625	TOWN OF WAPPINGER	20 MIDDLEBRUSH ROAD, WAPPINGER FALLS, NY 12590
6357	01	125645	TOWN OF WAPPINGER	20 MIDDLEBRUSH ROAD, WAPPINGER FALLS, NY 12590
6357	01	175633	RONALD RASTELLI	12 NINHAM AVENUE, WAPPINGER FALLS, NY 12590
6357	01	149552	TOWN OF EAST FISHKILL	330 ROUTE 376, HOPEWELL JUNCTION, NY 12533
6357	01	055548	SOPHIA VAZQUEZ	35 ALPINE DRIVE, UNIT F WAPPINGER FALLS, NY 12590
6357	01	056559	JEFFERY TARALLO	29 REGENCY DRIVE, WAPPINGER FALLS, NY 12590
6357	01	055576	ROBERT WEBER, TRUSTEE	27 REGENCY DRIVE, WAPPINGER FALLS, NY 12590
6357	01	054587	GRANT HASKELL	25 REGENCY DRIVE, WAPPINGER FALLS, NY 12590
6357	01	053597	RICHARD SCHAUB	23 REGENCY DRIVE, WAPPINGER FALLS, NY 12590
6357	01	052606	MATTHEW CUMMINGS	21 REGENCY DRIVE, WAPPINGER FALLS, NY 12590
6357	01	051617	THOMAS DONOHUE	19 REGENCY DRIVE, WAPPINGER FALLS, NY 12590
6357	01	050626	ROBERT FARRINGTON	17 REGENCY DRIVE, WAPPINGER FALLS, NY 12590

1 LIST OF PROPERTY OWNERS
C-2 NOT TO SCALE



2 OVERALL MONOPINE PHOTO
C-2 NOT TO SCALE



3 COMPOUND BARRIER FENCING
C-2 NOT TO SCALE

NB+C
TOTALLY COMMITTED.

1777 SENTRY PARKWAY WEST
VEVA 17, SUITE 400
BLUE BELL, PA 19422
(267) 460-0122

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PSC #123266
NY CERTIFICATION OF
AUTHORIZATION NO. 020084
6095 MARSHALEE DRIVE, SUITE 300
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T-Mobile
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103 MONARCH DRIVE
LIVERPOOL, NY 13088

UP50068A
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REVISIONS

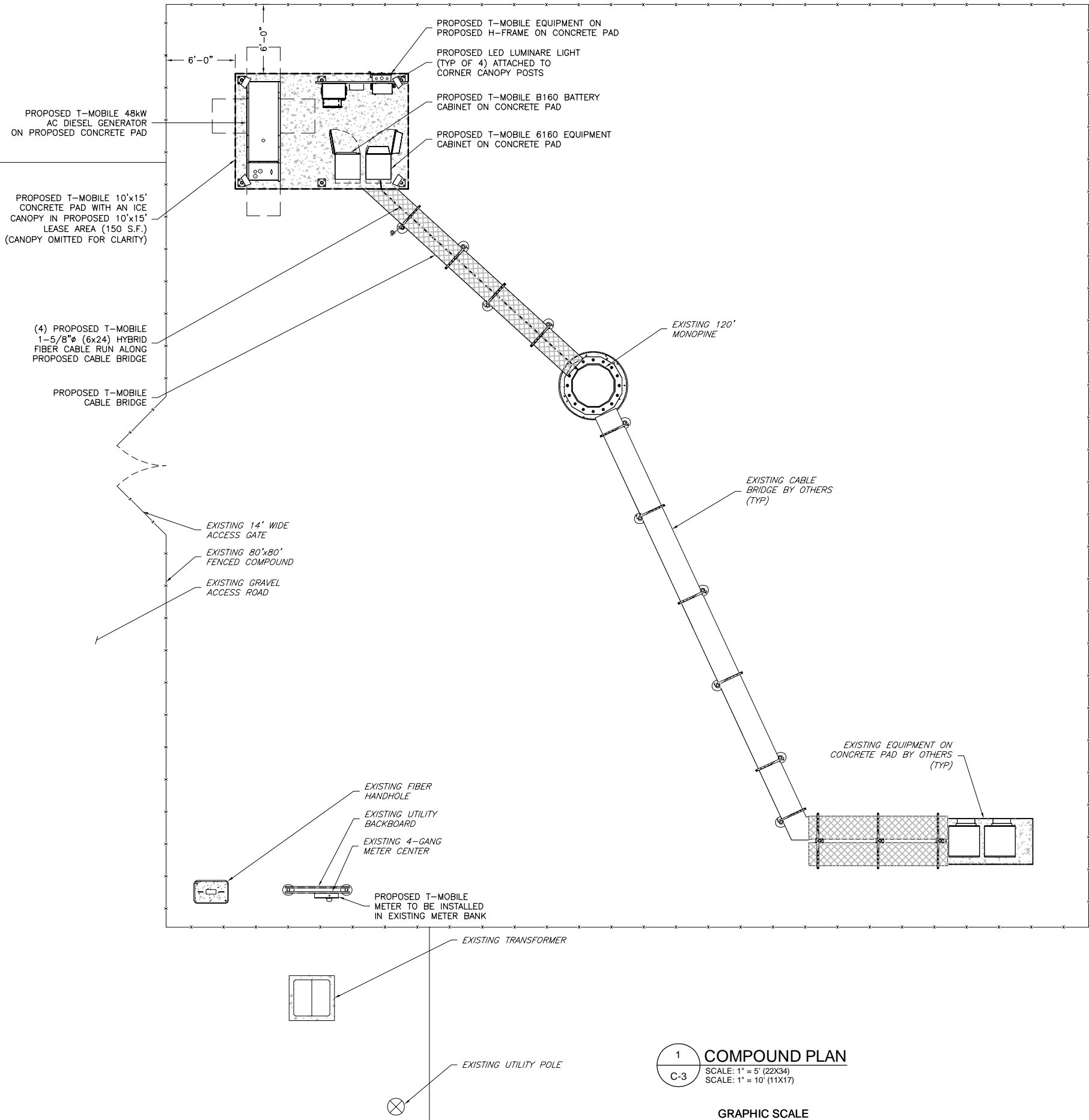
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KRUPAKARAN KOLANDAIVELU, P.E.
STATE OF NEW YORK
PROFESSIONAL ENGINEER
LICENSE #091974
EXPIRATION DATE:03/31/27

**LIST OF
PROPERTY
OWNERS
AND PHOTOS**

C-2



NOTE:
 PROPOSED T-MOBILE GENERATOR MODEL INCLUDES SOUND ATTENUATED ALUMINUM ENCLOSURE. CYCLING OF GENERATOR IS TO BE DONE ONLY DURING DAYTIME HOURS.

NOTE:
 1 HOUR TIMING SWITCHES ARE INSTALLED FOR ALL SITE LIGHTS. CANOPY WORK LIGHTS CANNOT BE LEFT ON INDEFINITELY.

PROJECT MANAGEMENT FIRM

1777 SENTRY PARKWAY WEST
 VEVA 17, SUITE 400
 BLUE BELL, PA 19422
 (267) 460-0122

ENGINEER

TKK ENGINEERING DPC
 PSC #123266
 NY CERTIFICATION OF AUTHORIZATION NO. 020084
 6095 MARSHALEE DRIVE, SUITE 300
 ELK RIDGE, MD 21075
 410-712-7092

APPLICANT

T-MOBILE NORTHEAST LLC
 103 MONARCH DRIVE
 LIVERPOOL, NY 13088

SITE INFORMATION

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 30-40 SOCCERFIELD DRIVE
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DESIGN RECORD

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PROFESSIONAL STAMP

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ENGINEER

KRUPAKARAN KOLANDAIVELU, P.E.
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 LICENSE #091974
 EXPIRATION DATE: 03/31/27

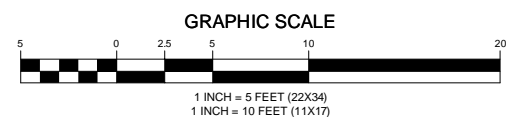
SHEET TITLE

COMPOUND PLAN

SHEET NUMBER

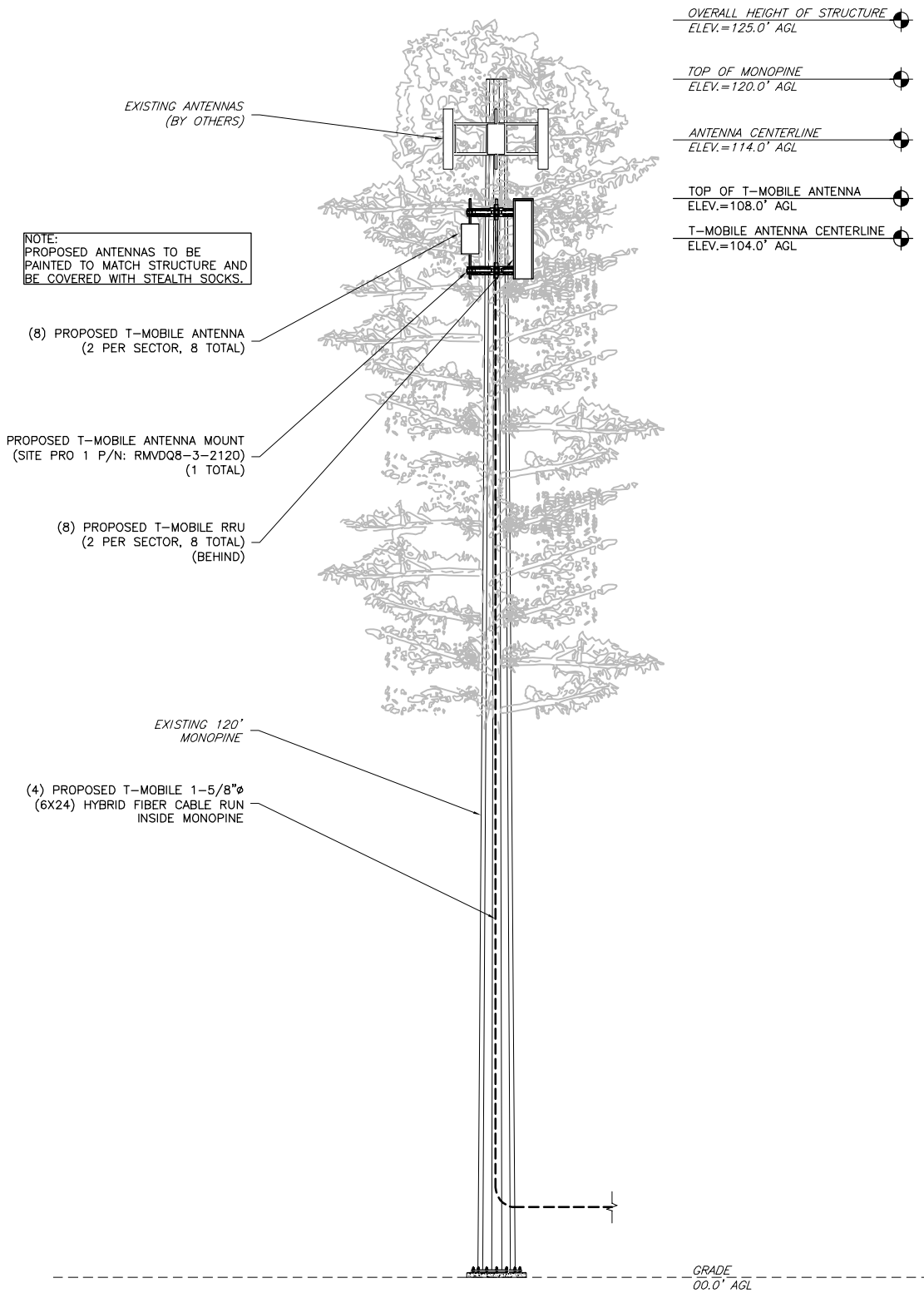
C-3

1 COMPOUND PLAN
 SCALE: 1" = 5' (22X34)
 SCALE: 1" = 10' (11X17)



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LAST PLOTTED: 07/19/2025 11:56 AM

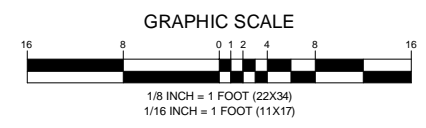




- OVERALL HEIGHT OF STRUCTURE
ELEV.=125.0' AGL
- TOP OF MONOPINE
ELEV.=120.0' AGL
- ANTENNA CENTERLINE
ELEV.=114.0' AGL
- TOP OF T-MOBILE ANTENNA
ELEV.=108.0' AGL
- T-MOBILE ANTENNA CENTERLINE
ELEV.=104.0' AGL

GENERAL ANTENNA NOTES

1. ALL ANTENNAS TO BE FURNISHED WITH DOWNTILT BRACKETS. CONTRACTOR IS TO COORDINATE AND VERIFY THE PROPOSED DOWNTILTS WITH T-MOBILE MANAGER PRIOR TO CONSTRUCTION.
2. ANTENNA CENTERLINE HEIGHT IS IN REFERENCE TO ELEVATION 0.0'. (EXISTING GRADE)
3. CHECK WITH RF ENGINEER FOR LATEST ANTENNA TYPE & AZIMUTH.
4. CONTRACTOR SHALL VERIFY ANTENNA TYPE AND AZIMUTH WITH CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
5. ALL CABLE LENGTHS ARE ESTIMATED AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
6. COLOR TAPE MARKINGS MUST BE 3/4" WIDE AND UV RESISTANT, SUCH AS SCOTCH 35 VINYL ELECTRICAL COLOR CODING TAPE.
7. CONTRACTOR SHALL COORDINATE COLOR CODINGS IN THE FIELD WITH T-MOBILE REPRESENTATIVE.
8. PRIOR TO THE INSTALLATION OF THE PROPOSED EQUIPMENT OR MODIFICATION OF THE EXISTING STRUCTURE, A STRUCTURAL & MOUNT ANALYSIS SHALL BE PERFORMED BY THE OWNER'S AGENT TO CERTIFY THAT THE EXISTING/PROPOSED COMMUNICATION STRUCTURE AND COMPONENTS ARE STRUCTURALLY ADEQUATE TO SUPPORT ALL EXISTING AND PROPOSED ANTENNAS, COAXIAL CABLES AND OTHER APPURTENANCES. THE OWNER'S AGENT SHALL FURNISH A CERTIFICATION LETTER SEALED BY A REGISTERED PROFESSIONAL ENGINEER STATING THAT THIS STRUCTURAL ANALYSIS WAS PREPARED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.

1
C-4
PROPOSED ELEVATION
SCALE: 1/8" = 1' (22X34)
SCALE: 1/16" = 1' (11X17)



PROJECT MANAGEMENT FIRM	 TOTALLY COMMITTED. 1777 SENTRY PARKWAY WEST VEVA 17, SUITE 400 BLUE BELL, PA 19422 (267) 460-0122												
ENGINEER	TKK ENGINEERING DPC PSC #123266 NY CERTIFICATION OF AUTHORIZATION NO. 020084 <small>6095 MARSHALEE DRIVE, SUITE 300 ELK RIDGE, MD 21075 410-712-7092</small>												
APPLICANT	 T-Mobile T-MOBILE NORTHEAST LLC 103 MONARCH DRIVE LIVERPOOL, NY 13088												
SITE INFORMATION	UP50068A ROCKINGHAM PARK 30-40 SOCCERFIELD DRIVE WAPPINGERS FALLS, NY 12590 HAMLET OF MYERS CORNER DUTCHESS COUNTY												
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SHEET TITLE	PROPOSED ELEVATION												
SHEET NUMBER	C-4												

NOTE:
1 HOUR TIMING SWITCHES ARE INSTALLED FOR ALL
SITE LIGHTS. CANOPY WORK LIGHTS CANNOT BE
LEFT ON INDEFINITELY.



Catalog Number	
Notes	
Type	

Contractor Select™
QTE LED
Floodlights

The QTE LED floodlight is ideal to replace up to 500W Quartz Halogen lamps, and comes with knuckle or yoke mount options. This is an extremely cost effective solution, great for illuminating yards, driveways, signage, patios, warehouses as well as for security applications.

FEATURES:

- Replaces up to 500W Quartz Halogen or 250W Metal Halide, saves 85% energy
- Knuckle and yoke mount options available, good for ground mount as well!
- Cost effective and energy efficient, payback within one year



Catalog Number	UPC	Description	Replaces Up To	Lumens	Input Watts	CCT	Voltage	Finish	Pallet Qty
QTE LED P1 40K 120 THK DDB M2	191848090787	FLOODLIGHTS	150W HALOGEN	2,500	25W	4000K	120V	DARK BRONZE	163



Specifications

INTENDED USE:

QTE LED is suitable for replacing up to 500W Quartz Halogen or 250W Metal Halide. It is ideal for landscape, signage, and general purpose lighting in commercial and residential applications.

CONSTRUCTION:

Die-cast aluminum housing has integral heat sink fins to optimize thermal management. Rated for -40°C to 40°C ambient temperature. Tempered glass lens is fully gasketed. Available with knuckle and yoke mount.

FINISH:

Durable powder coat finish for protection from corrosion and weathering. Available in dark bronze.

ELECTRICAL:

LEDs are directly coupled to the housing to maximize heat dissipation and lifespan (L70 / 50,000 hrs). 6kV surge protection. Luminaire is capable of being dimmed by adding an approved external phase dimming device.

INSTALLATION

Mounts easily to junction box or under building cove. Suitable for ground mount applications.

LISTINGS:

UL Certified to US and Canadian safety standards. Wet location listed. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY:

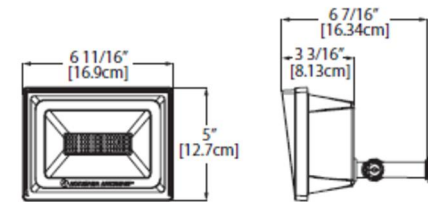
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

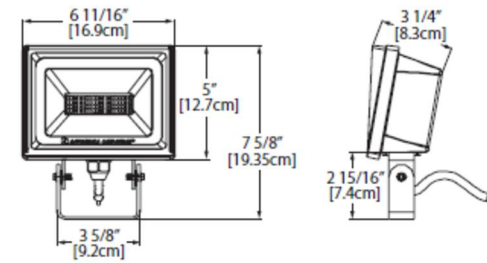
Dimensions

All dimensions are inches (centimeters) unless otherwise indicated.

QTE P1



QTE P1



1 LIGHT SPECIFICATIONS
C-5 NOT TO SCALE

PROJECT MANAGEMENT FIRM



1777 SENTRY PARKWAY WEST
VEVA 17, SUITE 400
BLUE BELL, PA 19422
(267) 460-0122

ENGINEER

TKK ENGINEERING DPC
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ENGINEER

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PROFESSIONAL ENGINEER
LICENSE #091974
EXPIRATION DATE:03/31/27

SHEET TITLE

LIGHT SPECIFICATIONS

SHEET NUMBER

C-5

NOTE:
PROPOSED T-MOBILE GENERATOR MODEL INCLUDES
SOUND ATTENUATED ALUMINUM ENCLOSURE.
CYCLING OF GENERATOR IS TO BE DONE ONLY
DURING DAYTIME HOURS.

RD048 | 3.4L | 48kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency



STANDARD FEATURES

ENGINE SYSTEM

- Block Heater
- Oil Drain Extension
- Fan Guard
- Factory Filled Oil & Coolant

GENERATOR SET

- Sound Attenuated Aluminum Enclosure
- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Wrapped Exhaust Piping
- Standard Factory Testing
- Ready to Accept Full Load in <10 Seconds
- External Emergency Stop Push Button

ENCLOSURE

- Lockable Doors- Keyed Lock with Padlock Hasp
- Rust Proof Hardware
- RhinoCoat™ Textured Polyester Powder Coat

Electrical System

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

ALTERNATOR SYSTEM

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

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

Fuel System

- Primary Fuel Filter
- Stainless Steel Fuel Lines

FUEL TANKS

- 48 Minimum Hour Run Time
- UL142 Listed
- Lockable Fuel Cap

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 Event Run Log
- Future Set Capable Exerciser
- Incorrect Wiring Protection
- Internal Fault Protection

Common External Fault Capability

- Governor Failure Protection
- OBD2 Diagnostic Port

Alarms

- Door Open
- Fuel Level
 - 90% Full
 - 50% Low Fuel
 - 10% Shutdown
- Generator Running
- Not in Auto
- Common Shutdown

OPTIONAL SHIPPED LOOSE AND FIELD INSTALL KITS

GENERATOR SET

- Paint Kit
- Scheduled Maintenance Kit

FUEL TANK

- Fuel Fill Drop Tube
- Spill Box
- 90% Fuel Audible Alarm
- Tank Risers
- Spill Box Drainback Kit
- Vent Extension Support Kit
- Overfill Prevention Valve

SPEC SHEET

2 OF 6

1
C-6
GENERATOR SPECIFICATIONS
NOT TO SCALE

RD048 | 3.4L | 48kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency



APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Generac
Cylinder #	4
Type	In-Line
Displacement - in³ (L)	207.48 (3.4)
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 - L (qts)	7.0 (7.4)

Cooling System

Cooling System Type	Pressurized Closed Recovery
Fan Type	Pusher
Fan Speed (rpm)	2,029
Fan Diameter - mm (in)	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 Line (mm/in)	7.94 (0.31) ID
Fuel Return Line (mm/in)	7.94 (0.31) ID
Fuel Filtering (microns)	10

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	F
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	<50

Standard Excitation	Direct
Bearings	Sealed Ball
Coupling	Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Full Digital
Regulation Accuracy (Steady State)	± 1.0%

SPEC SHEET

3 OF 6

PROJECT MANAGEMENT FIRM



1777 SENTRY PARKWAY WEST
VEVA 17, SUITE 400
BLUE BELL, PA 19422
(267) 460-0122

ENGINEER

TKK ENGINEERING DPC
PSC #123266
NY CERTIFICATION OF
AUTHORIZATION NO. 020084
6095 MARSHALEE DRIVE, SUITE 300
ELK RIDGE, MD 21075
410-712-7092

APPLICANT

T-Mobile
T-MOBILE NORTHEAST LLC
103 MONARCH DRIVE
LIVERPOOL, NY 13088

SITE INFORMATION

UP50068A
ROCKINGHAM PARK
30-40 SOCCERFIELD DRIVE
WAPPINGERS FALLS, NY 12590
HAMLET OF MYERS CORNER
DUTCHESS COUNTY

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
0	07/09/25	PRELIMINARY ZDs	TR

PROFESSIONAL STAMP

PRELIMINARY
(NOT FOR CONSTRUCTION)

ENGINEER

KRUPAKARAN KOLANDAIVELU, P.E.
STATE OF NEW YORK
PROFESSIONAL ENGINEER
LICENSE #091974
EXPIRATION DATE:03/31/27

SHEET TITLE

GENERATOR SPECIFICATIONS

SHEET NUMBER

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