



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Web Site: www.ct.gov/csc

VIA ELECTRONIC MAIL

June 16, 2020

Anne Marie Zsamba
Real Estate Specialist
Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

RE: **EM-T-MOBILE-045-200604** – T-Mobile notice of intent to modify an existing telecommunications facility located at 93 Roxbury Road, East Lyme, Connecticut.

Dear Ms. Zsamba:

The Connecticut Siting Council (Council) is in receipt of your correspondence of June 15, 2020 submitted in response to the Council's June 9, 2020 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

s/ Melanie A. Bachman

Melanie A. Bachman
Executive Director

MAB/IN/emr

From: Zsamba, Anne Marie <AnneMarie.Zsamba@crowncastle.com>
Sent: Monday, June 15, 2020 11:13 AM
To: Robidoux, Evan <Evan.Robidoux@ct.gov>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>
Subject: RE: Council Incomplete Letter for EM-T-MOBILE-045-200604 (Roxbury Road, East Lyme)

Please see the attached correspondence.

Thank you!

ANNE MARIE ZSAMBA
Site Acquisition Specialist
T: (201) 236-9224
M: (518) 350-3639
F: (724) 416-6112

CROWN CASTLE
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
CrownCastle.com



Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

June 15, 2020

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

**RE: Response to Incomplete Notice for T-Mobile:
EM-T-MOBILE-045-200604
806384 - T-Mobile Site ID: CT11037B
93 Roxbury Road, East Lyme, CT 06357
Latitude: 41° 20' 8.35" / Longitude: -72° 13' 18.28"**

Dear Ms. Bachman:

In response to the Council's Notice dated June 9, 2020 wherein T-Mobile's exempt modification filing was marked as incomplete, enclosed please find updated construction drawings which reflect the 2018 Connecticut State Building Code. We believe this now renders our submission complete. Thank you kindly.

Sincerely,

Anne Marie Zsamba

Anne Marie Zsamba
Site Acquisition Specialist
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
(201) 236-9224
AnneMarie.Zsamba@crowncastle.com



T-MOBILE SITE NAME:
NIANTIC/ I-95/ RT 156_1

T-MOBILE SITE NUMBER:
CT11037B

CROWN BU: 806384 / APP#: 479797
67D02C CONFIGURATION

93 ROXBURY ROAD
 EAST LYME, CT 06357

EXISTING 151'-4" SELF-SUPPORT TOWER



CT11037B
 BU #: 806384
 NIANTIC/ I-95/ RT 156_1
 93 ROXBURY ROAD
 EAST LYME, CT 06357
 EXISTING 151'-4" SELF-SUPPORT TOWER

PROJECT NO: 137085.002.01
 CHECKED BY: RMC

ISSUED FOR:			
REV	DATE	DRWN	DESCRIPTION
0	7/29/19	JDP	CONSTRUCTION
1	9/25/19	JJD	CONSTRUCTION
2	6/12/20	GEH	CONSTRUCTION

B&T ENGINEERING, INC.
 PEC.0001564
 Expires 2/10/21



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: **T-1** REVISION: **2**

PROJECT SUMMARY

SITE TYPE: EXISTING EQUIPMENT UPGRADE
 SITE ADDRESS: 93 ROXBURY ROAD
 EAST LYME, CT 06357
 JURISDICTION: NEW LONDON COUNTY

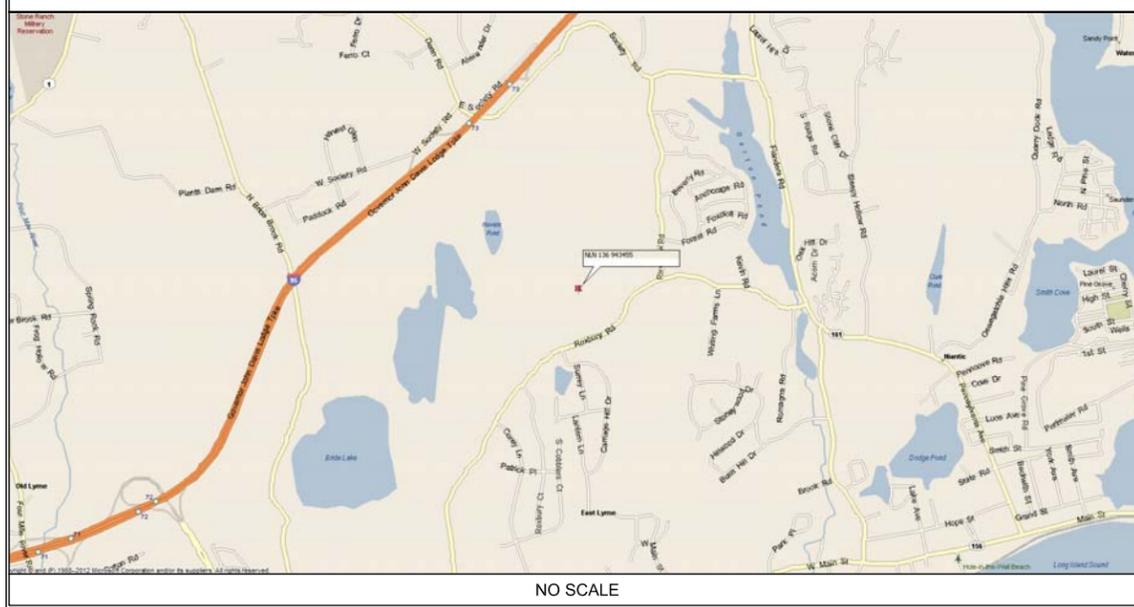
NAD83
 LATITUDE: 41.335833° N
 LONGITUDE: 72.221944° W

TOWER OWNER: CROWN CASTLE
 3200 HORIZON DRIVE, SUITE 150
 KING OF PRUSSIA, PA 19406
 JASON SMITH
 (610) 635-3225

CUSTOMER/APPLICANT: T-MOBILE
 4 SYLVAN WAY
 PARSIPPANY, NJ 07054
 (973) 397-4800

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

LOCATION MAP



DRAWING INDEX

SHEET #	SHEET DESCRIPTION	REV. #
T-1	TITLE SHEET	2
A-1	OVERALL SITE PLAN	2
A-2	ANTENNA/CABLE SCHEDULE AND AZIMUTH PLANS	2
A-3	TOWER ELEVATION	2
A-4	ANTENNA AND RRU DETAILS	2
A-5	MOUNT MODIFICATION	0
E-1	PANEL SCHEDULE AND ONE-LINE DIAGRAM	2

CONTACT INFORMATION

A&E FIRM: B+T GROUP 1717 S. BOULDER, STE. 300 TULSA, OK 74119 CONTACT: MIKE OAKES PHONE: (918) 587-4630	ELECTRIC PROVIDER: CONNECTICUT LIGHT & POWER (860) 947-2000 TELCO PROVIDER: PIONEER TELEPHONE (800) 808-9000
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DRIVING DIRECTIONS

DEPART BRADLEY INTERNATIONAL AIRPORT ON TERMINAL RD. ROAD NAME CHANGES TO BRADLEY FIELD CONNECTOR. ROAD NAME CHANGES TO CT-20. TAKE RAMP ONTO I-91. AT EXIT 22S, TAKE RAMP ONTO CT-9. KEEP STRAIGHT ONTO CT-17. AT EXIT 13, ROAD NAME CHANGES TO CT-9. TAKE RAMP ONTO I-95. AT EXIT 72, TURN RIGHT ONTO RAMP. ROAD NAME CHANGES TO ROCKY NECK CONNECTOR. TURN LEFT ONTO CT-156. TURN LEFT ONTO ROXBURY RD. TURN LEFT ONTO LOCAL ACCESS ROAD. ARRIVE NLN 136 943455.

A/E DOCUMENT REVIEW STATUS

TITLE	SIGNATURE	DATE
T-MOBILE PROP:		
T-MOBILE R.F. MGR.:		
T-MOBILE NetOps:		
T-MOBILE CONST. MGR.:		
INTERCONNECT:		
T-MOBILE SITE DEV. MGR.:		
PROPERTY OWNER:		
PLANNING:		

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

CODE COMPLIANCE

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:

CODE TYPE	CODE
BUILDING/DWELLING	2018 CT STATE BUILDING CODE
STRUCTURAL	2018 CT STATE BUILDING CODE
MECHANICAL	2018 CT STATE BUILDING CODE
ELECTRICAL	NEC 2017

PROJECT DESCRIPTION

- THE PROPOSED PROJECT INCLUDES:
- REMOVE (3) EXISTING ANTENNAS AT 103'-0".
 - REMOVE (3) EXISTING RRUS AT 103'-0".
 - REMOVE (1) EXISTING DUS41.
 - REMOVE (1) EXISTING XMU.
 - RELOCATE (3) EXISTING ANTENNAS AT 103'-0".
 - RELOCATE (3) EXISTING TMAS AT 103'-0".
 - INSTALL (3) NEW ANTENNAS AT 103'-0".
 - INSTALL (3) NEW RRUS AT 103'-0".
 - INSTALL (3) NEW 6x12 HCS CABLES.
 - INSTALL (2) NEW BB6630.

DO NOT SCALE DRAWINGS

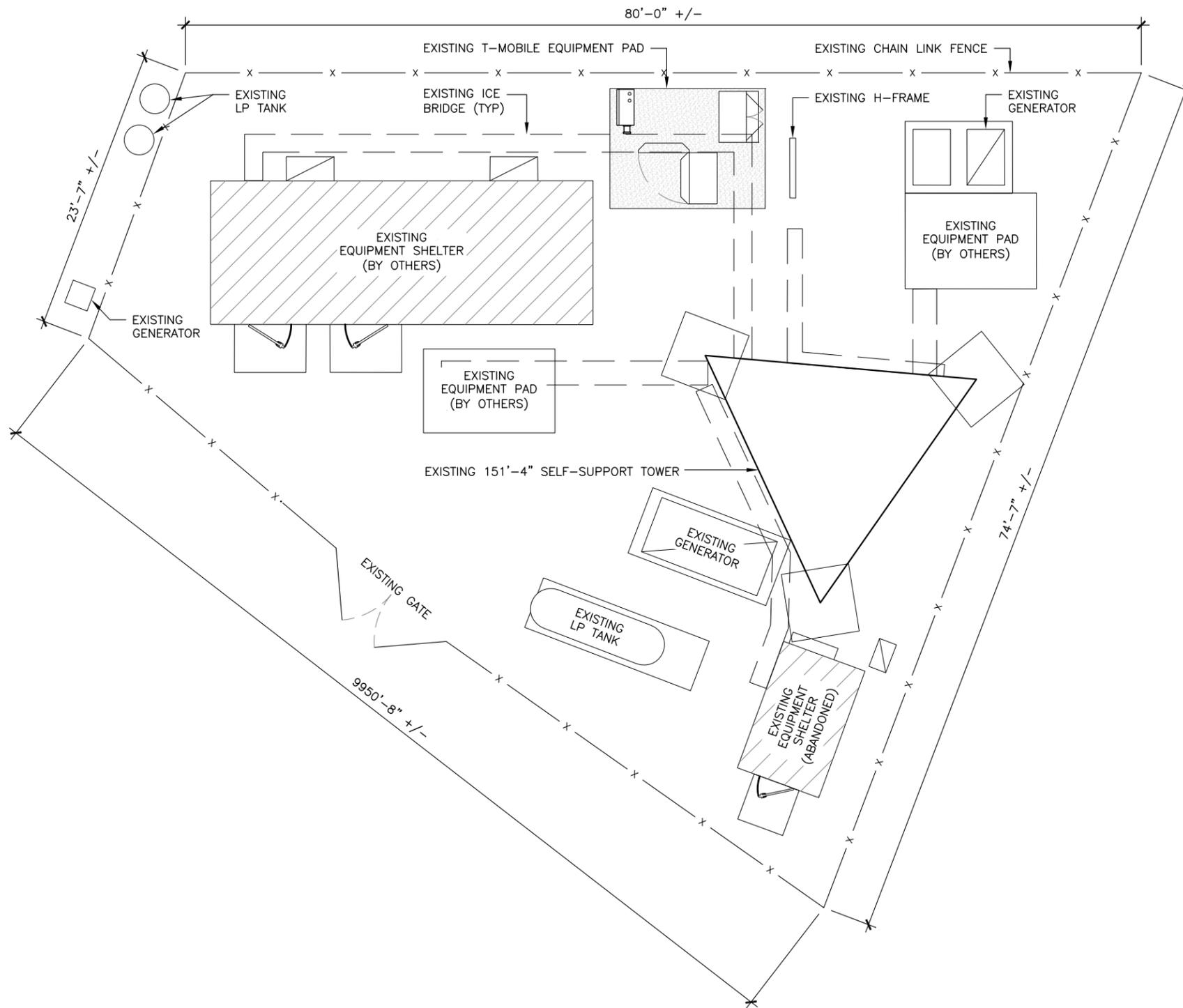
ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



CALL CONNECTICUT ONE CALL
 (800) 922-4455
 CALL 3 WORKING DAYS
 BEFORE YOU DIG!



137085_806384_NLN_136_943455.dwg - Sheet:A-1 - User: rcarson - Jun 12, 2020 - 10:17am



1 OVERALL SITE PLAN
 SCALE: 0' 4' 8' 16' 32'



GENERAL NOTES:

- SUBJECT PROPERTY IS SITUATED AT 93 ROXBURY ROAD, EAST LYME, CT 06357.
- APPLICANT: T-MOBILE A DELAWARE LIMITED LIABILITY COMPANY 4 SYLVAN WAY PARSIPPANY, NEW JERSEY 07054 (973) 397-4800
 TOWER OWNER: CROWN CASTLE INTERNATIONAL
- THE APPLICANT IS TO UPDATE THEIR NETWORK BY INSTALLING THREE (3) NEW PANEL ANTENNAS, THREE (3) RRUS, AND THREE (3) ADDITIONAL CABLES MOUNTED ON AN EXISTING SELF-SUPPORT TOWER.
- THIS FACILITY SHALL BE VISITED ON THE AVERAGE OF ONCE A MONTH FOR MAINTENANCE AND SHALL BE MONITORED FROM A REMOTE FACILITY.
- THE EXISTING SITE IS LOCATED AT LATITUDE OF 41.335833' N± AND LONGITUDE OF 72.221944' W±. THE HORIZONTAL DATUM ARE IN TERMS OF NORTH AMERICAN DATUM OF 1983 (NAD 83).
- THIS SET OF PLANS HAS BEEN PREPARED FOR THE PURPOSES OF MUNICIPAL AND AGENCY REVIEW AND APPROVAL. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED AND EACH OF THE DRAWINGS HAVE BEEN REVISED TO INDICATED "ISSUED FOR CONSTRUCTION"
- ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION FOR THE SITE IMPROVEMENTS SHOWN HEREON SHALL BE IN ACCORDANCE WITH:
 - CURRENT PREVAILING MUNICIPAL AND/OR COUNTY SPECIFICATIONS, STANDARDS, AND REQUIREMENTS.
 - CURRENT PREVAILING UTILITY COMPANY AUTHORITY SPECIFICATIONS, STANDARDS AND REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY B+T GROUP, P.A. IMMEDIATELY IF ANY FIELD-CONDITIONS ENCOUNTERED DIFFER FROM THOSE REPRESENTED HEREON, AND/OR IF SUCH CONDITIONS WOULD OR COULD RENDER THE DESIGNS SHOWN HEREON INAPPROPRIATE AND/OR INEFFECTIVE.
- THE CONTRACTOR IS RESPONSIBLE TO PROTECT, REPAIR AND/OR REPLACE ANY DAMAGED STRUCTURES, UTILITIES OR LANDSCAPED AREA WHICH MAY BE DISTURBED DURING THE CONSTRUCTION OF THIS FACILITY.
- THE CONSTRUCTION CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ALL CONSTRUCTION MEANS AND METHODS. THE CONSTRUCTION CONTRACTOR IS ALSO RESPONSIBLE FOR ALL JOB SITE SAFETY.
- SITE INFORMATION SHOWN TAKEN FROM CROWN CASTLE SITE PLANS AND FROM CROWN CASTLE INSPECTION PHOTOS.
- NO GUARANTEE IS MADE NOR SHOULD BE ASSUMED AS TO THE COMPLETENESS OR ACCURACY OF THE HORIZONTAL OR VERTICAL LOCATIONS. ALL PARTIES UTILIZING THIS INFORMATION SHALL FIELD VERIFY THE ACCURACY AND COMPLETENESS OF THE INFORMATION SHOWN PRIOR TO CONSTRUCTION ACTIVITIES.
- ALL IMPROVEMENTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE TOWNSHIP ENGINEER WHO WILL BE GIVEN PROPER NOTIFICATION PRIOR TO THE START OF ANY CONSTRUCTION.



CT11037B
 BU #: 806384
 NIANITIC / I-95 / RT 156_1
 93 ROXBURY ROAD
 EAST LYME, CT 06357
 EXISTING 151'-4" SELF-SUPPORT TOWER

PROJECT NO: 137085.002.01
 CHECKED BY: RMC

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	7/29/19	JDP	CONSTRUCTION
1	9/25/19	JJD	CONSTRUCTION
2	6/12/20	GEH	CONSTRUCTION

B&T ENGINEERING, INC.
 PEC.0001564
 Expires 2/10/21



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SHEET NUMBER: **A-1** REVISION: **2**



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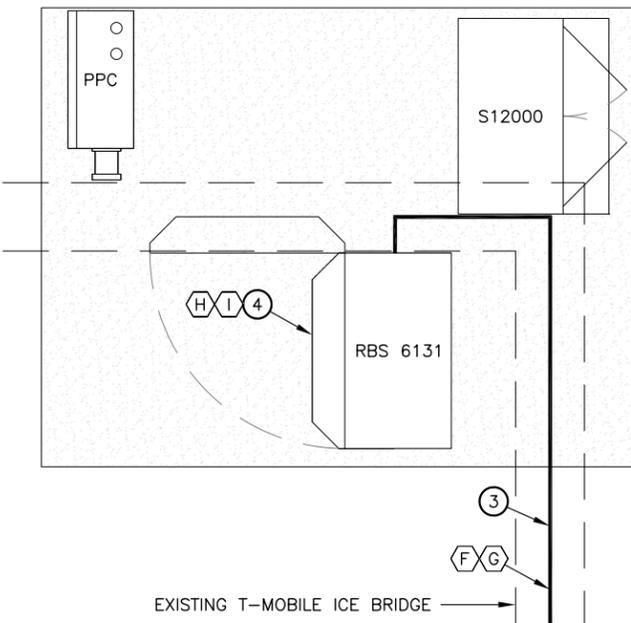


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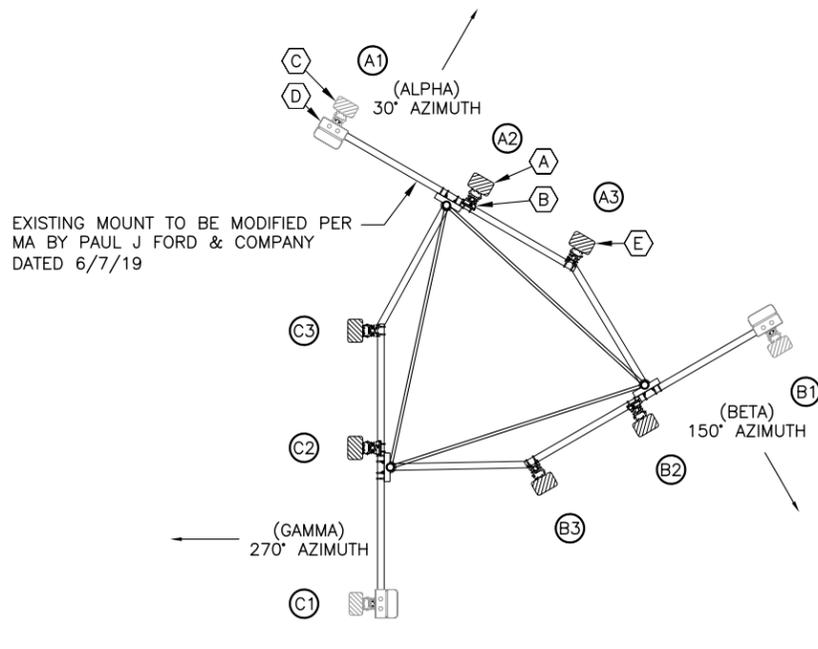
SHEET NUMBER: **A-2** REVISION: **2**

ANTENNA AND CABLE SCHEDULE											
SECTOR	POSITION	EXISTING ANTENNAS	PROPOSED ANTENNA CONFIGURATION		E-TILT	M-TILT	ANTENNA CENTERLINE	TMA/RRU	CABLES	JUMPER TYPE	CABLE LENGTH
30° - ALPHA	A1	RFS APXVAARR24_43-U-NA20	LTE	B71 B12	2°/2°	0°	103'-0"	0/1	(1) 6x12 HCS FIBER	DC/FIBER & 1/2" COAX	153'-0"
	A2	ERICSSON AIR21 KRC118023-1_B2A_B4P	UMTS GSM	RU22	2°/2°	0°		1/0	(1) 9x18 HCS FIBER (1) 6x12 HCS FIBER	DC/FIBER	153'-0"
	A3	ERICSSON AIR21 KRC118023-1_B2P_B4A	LTE	B2 B4	2°	0°		0/0	(2) 1 5/8" COAX (1) 6x12 HCS FIBER	DC/FIBER	153'-0"
150° - BETA	B1	RFS APXVAARR24_43-U-NA20	LTE	B71 B12	2°/2°	0°	103'-0"	0/1	SHARED FIBER	DC/FIBER & 1/2" COAX	153'-0"
	B2	ERICSSON AIR21 KRC118023-1_B2A_B4P	UMTS GSM	RU22	4°/4°	0°		1/0	SHARED FIBER	DC/FIBER	153'-0"
	B3	ERICSSON AIR21 KRC118023-1_B2P_B4A	LTE	B2 B4	2°	0°		0/0	(2) 1 5/8" COAX SHARED FIBER	DC/FIBER	153'-0"
270° - GAMMA	C1	RFS APXVAARR24_43-U-NA20	LTE	B71 B12	2°/2°	0°	103'-0"	0/1	SHARED FIBER	DC/FIBER & 1/2" COAX	153'-0"
	C1	ERICSSON AIR21 KRC118023-1_B2A_B4P	UMTS GSM	RU22	2°/2°	0°		1/0	SHARED FIBER	DC/FIBER	153'-0"
	C2	ERICSSON AIR21 KRC118023-1_B2P_B4A	LTE	B2 B4	2°	0°		0/0	(2) 1 5/8" COAX SHARED FIBER	DC/FIBER	153'-0"

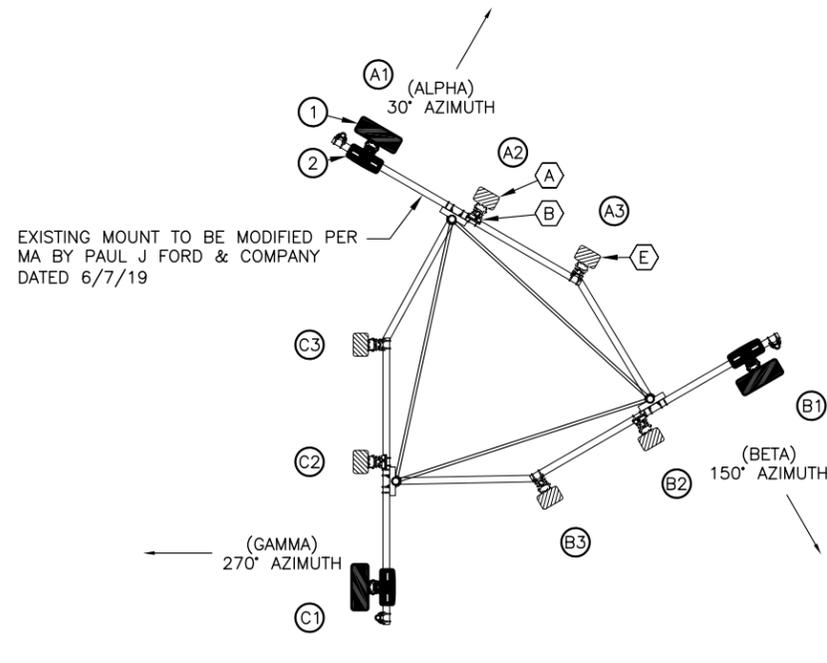
LEGEND	
EXISTING/DEMOLITION NOTES	INSTALLATION NOTES
(A) EXISTING ERICSSON AIR21 KRC118023-1_B2A_B4P ANTENNA TO REMAIN (TOTAL OF 3)	(1) INSTALL RFS APXVAARR24_43-U-NA20 (8 FT) ANTENNAS ON EXISTING MOUNT. PROVIDE NEW 2 7/8" OD SCH.40 PIPE MAST (LENGTH TO BE V.I.F) (TYP. OF 1 PER SECTOR, TOTAL OF 3)
(B) EXISTING TMA TO REMAIN (TOTAL OF 3)	(2) INSTALL RADIO 4449 B12/B71 (TYP. OF 1 PER SECTOR, TOTAL OF 3)
(C) EXISTING ANDREW LNX-6515DS-A1M ANTENNA TO BE REMOVED (TOTAL OF 3)	(3) INSTALL (3) 6x12 HCS FIBER. RUN FROM EQUIPMENT TO ANTENNAS FOLLOWING EXISTING ROUTING
(D) EXISTING RRUS11 B12 RADIO TO BE REMOVED (TOTAL OF 3)	(4) INSTALL (2) NEW BB6630 IN EXISTING 6131 CABINET
(E) EXISTING ERICSSON AIR21 KRC118023-1_B2P_B4A ANTENNA TO REMAIN (TOTAL OF 3)	
(F) EXISTING 9x18 HCS FIBER TO REMAIN (TOTAL OF 1)	
(G) EXISTING 1 5/8" COAX TO REMAIN (TOTAL OF 6)	
(H) REMOVE (1) EXISTING DUS41 FROM EXISTING 6131 CABINET	
(I) REMOVE (1) EXISTING XMU FROM EXISTING 6131 CABINET	



1 ENLARGED AREA PLAN
 SCALE: 0' 1' 2' 4' 10'



2 EXISTING ANTENNA ORIENTATION
 SCALE: 0' 1' 4' 8' 20'



3 PROPOSED ANTENNA ORIENTATION
 SCALE: 0' 1' 4' 8' 20'



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LEGEND

EXISTING/DEMOLITION NOTES		INSTALLATION NOTES	
(A)	EXISTING ERICSSON AIR21 KRC118023-1_B2A_B4P ANTENNA TO REMAIN (TOTAL OF 3)	(1)	INSTALL RFS APXVAARR24_43-U-NA20 (8 FT) ANTENNAS ON EXISTING MOUNT. PROVIDE NEW 2 7/8" OD SCH.40 PIPE MAST (LENGTH TO BE V.I.F) (TYP. OF 1 PER SECTOR, TOTAL OF 3)
(B)	EXISTING TMA TO REMAIN (TOTAL OF 3)	(2)	INSTALL RADIO 4449 B12/B71 (TYP. OF 1 PER SECTOR, TOTAL OF 3)
(C)	EXISTING ANDREW LNX-6515DS-A1M ANTENNA TO BE REMOVED (TOTAL OF 3)	(3)	INSTALL (3) 6x12 HCS FIBER. RUN FROM EQUIPMENT TO ANTENNAS FOLLOWING EXISTING ROUTING
(D)	EXISTING RRUS11 B12 RADIO TO BE REMOVED (TOTAL OF 3)		
(E)	EXISTING ERICSSON AIR21 KRC118023-1_B2P_B4A ANTENNA TO REMAIN (TOTAL OF 3)		
(F)	EXISTING 9X18 HCS FIBER TO REMAIN (TOTAL OF 1)		
(G)	EXISTING 1 5/8" COAX TO REMAIN (TOTAL OF 6)		

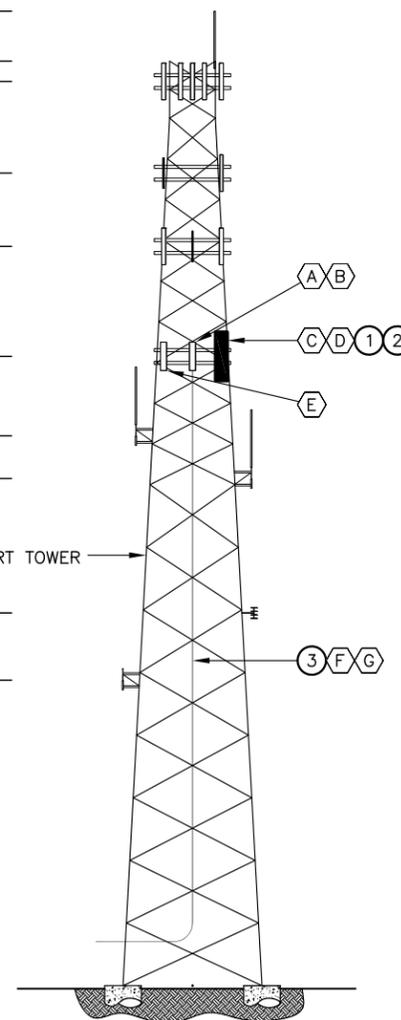
EXISTING MOUNT TO BE MODIFIED PER MOUNT ANALYSIS BY PAUL J. FORD & COMPANY DATED 6/7/19.

STRUCTURAL ANALYSIS NOTE:
REFER TO STRUCTURAL ANALYSIS OR STRUCTURAL LETTER FOR APPROVAL OF ADDITIONAL NEW APPURTENANCES.

LEGEND:

-  **NEW**
-  **EXISTING**
-  **FUTURE**

- TOP OF LIGHTNING ROD
ELEV. = 159'-6"
- TOP OF TOWER
ELEV. = 151'-4"
- ☉ OTHERS ANTENNAS
ELEV. = 148'-0"
- ☉ OTHERS ANTENNAS
ELEV. = 133'-0"
- ☉ OTHERS ANTENNAS
ELEV. = 121'-0"
- ☉ T-MOBILE ANTENNAS
ELEV. = 103'-0"
- EXISTING OMNI ANTENNA
ELEV. = 90'-0"
- EXISTING OMNI ANTENNA
ELEV. = 83'-0"
- EXISTING 151'-4" SELF-SUPPORT TOWER
- EXISTING OMNI ANTENNA
ELEV. = 61'-0"
- EXISTING OMNI ANTENNA
ELEV. = 50'-0"



1 TOWER ELEVATION
SCALE:  1" = 30'



CT11037B
BU #: 806384
NIANTIC/ I-95/ RT 156_1
93 ROXBURY ROAD
EAST LYME, CT 06357
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PROJECT NO: 137085.002.01
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SHEET NUMBER: **A-3** REVISION: **2**

PROPOSED ANTENNA TO PIPE CLAMP
(INCLUDED WITH ANTENNA)

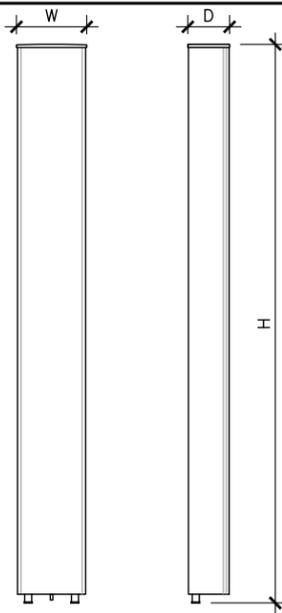
PROPOSED L7/L6 ANTENNA

PROPOSED RRU

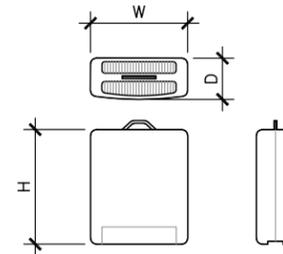
EXISTING FRAME
MOUNTING PIPE

PROPOSED PIPE TO PIPE
CROSS-OVER CLAMP KIT
SITEPRO P/N: SP219
(OR APPROVED EQUAL)

PROPOSED 2 3/8"x8'-0"
MOUNT PIPE



ANTENNA SPECS	
MANUFACTURER	RFS
MODEL #	APXVAARR24_43-U-NA20
WIDTH	24.0"
DEPTH	8.7"
HEIGHT	95.9"
WEIGHT	128.0 LBS



RRU SPECIFICATIONS	
MANUFACTURER	ERICSSON
MODEL #	4449
WIDTH	13.2"
DEPTH	10.4"
HEIGHT	14.9"
WEIGHT	74 LBS

1 PROPOSED L7/L6 ANTENNA
& RRU MOUNTING DETAIL

SCALE: 3/8" = 1'-0"

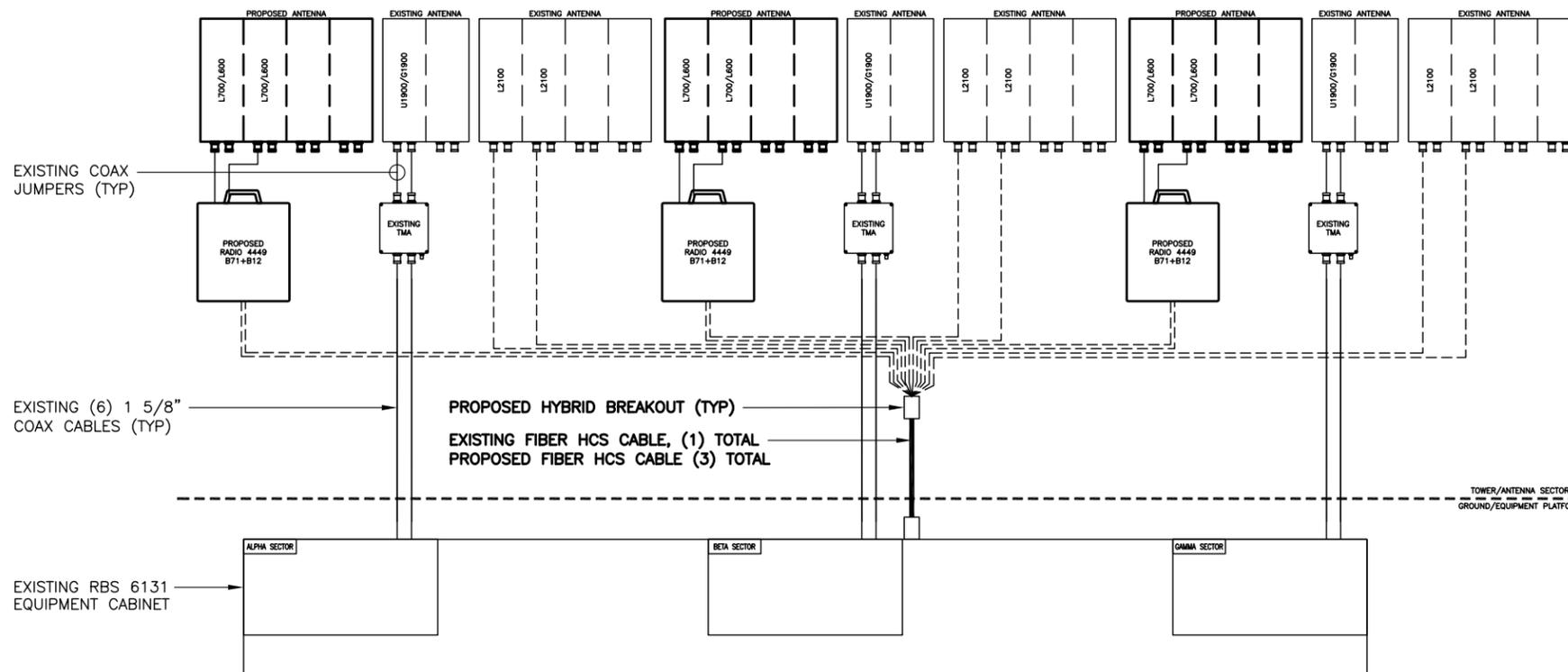
2 L7/L6 ANTENNA DETAIL

SCALE: 3/8" = 1'-0"

3 REMOTE RADIO UNIT (RRU)

SCALE: 3/8" = 1'-0"

- NOTES:
1. TAG ALL EXISTING AND PROPOSED CABLES/JUMPERS PER T-MOBILE SPECIFICATIONS.
 2. SEE RF SCHEDULE FOR CABLE AND JUMPER LENGTHS.
 3. REFER TO ANTENNA ORIENTATION ON SHEET A-2 FOR EXACT ANTENNA POSITIONING.



4 ANTENNA & CABLING SCHEMATIC

SCALE: N.T.S.

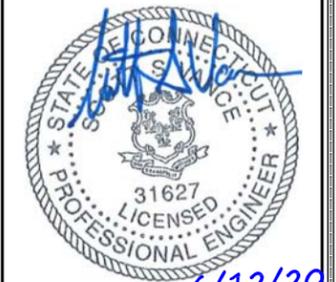


CT11037B
BU #: 806384
NIANTIC/ I-95/ RT 156_1
93 ROXBURY ROAD
EAST LYME, CT 06357
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SHEET NUMBER: A-4
REVISION: 2



CT11037B
 BU #: 806384
 NIAANTIC/ I-95/ RT 156_1
 93 ROXBURY ROAD
 EAST LYME, CT 06357
 EXISTING 151'4" SELF-SUPPORT TOWER

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ISSUED FOR:

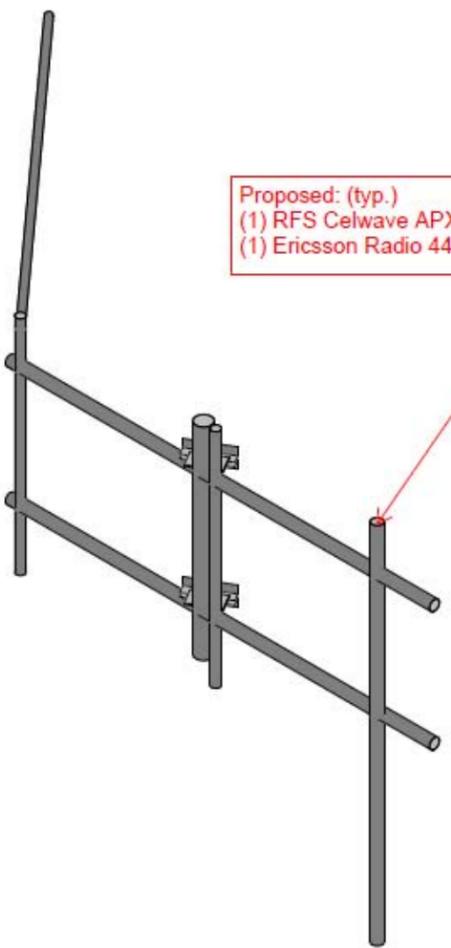
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 Expires 2/10/21



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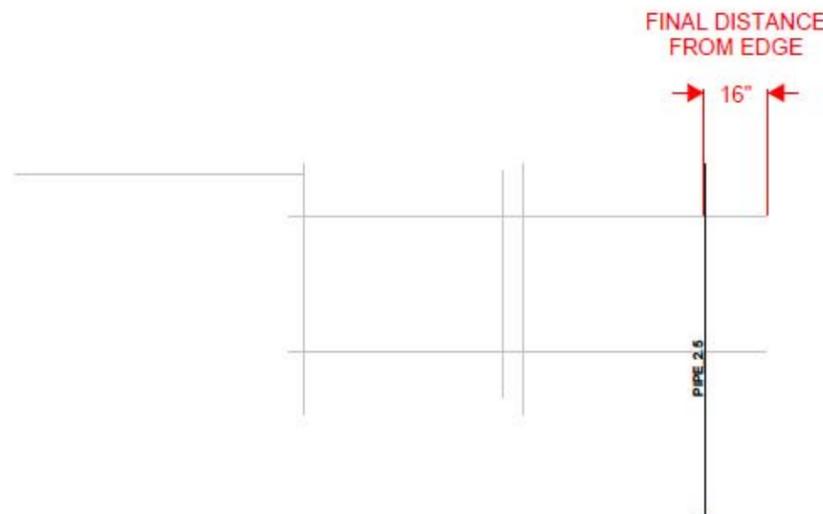
SHEET NUMBER: A-5
 REVISION: 2



Proposed: (typ.)
 (1) RFS Celwave APXVAARR24_43-U-NA20
 (1) Ericsson Radio 4449 B12/B71

Envelope Only Solution

Paul J. Ford and Company	806384 - NLN 136 943455	SK - 2
BMH		June 5, 2019 at 1:27 PM
37519-1559.003.8191		37519-1559_Wind Load.r3d



RELOCATE EXISTING MOUNT PIPE TOWARDS CENTER OF FRAME. INSTALL PROPOSED ANTENNA ON THIS PIPE

Envelope Only Solution

Paul J. Ford and Company	806384 - NLN 136 943455	SK - 8
BMH		June 5, 2019 at 1:28 PM
37519-1559.003.8191		37519-1559_Wind Load.r3d

1 MOUNT MODIFICATION
 SCALE: N.T.S.

137085_806384_NLN_136_943455.dwg - SheetA-5 - User: rcarson - Jun 12, 2020 - 10:17am



FINAL PANEL SCHEDULE							
LOAD	POLES	AMPS	BUS		AMPS	POLES	LOAD
			L1	L2			
GFCI	1	20A	1	7	60A	2	SURGE
RBS 6131	2	100A	2	8	50A	2	BTS
			3	9			
			4	10			

RATED VOLTAGE: 120/240 _____ 1 PHASE, 3 WIRE
 BRANCH POLES: 12 24 30 42 APPROVED MF'RS
 RATED AMPS: 100 200 400 _____ CABINET: SURFACE FLUSH NEMA 1 3R 4X
 MAIN LUGS ONLY MAIN 200 AMPS BREAKER FUSED SWITCH HINGED DOOR KEYPED DOOR LATCH
 FUSED CIRCUIT BREAKER BRANCH DEVICES _____ TO BE GFCI BREAKERS FULL NEUTRAL BUS GROUND BAR
 ALL BREAKERS MUST BE RATED TO INTERRUPT A SHORT CIRCUIT ISC OF 10,000 AMPS SYMMETRICAL

FINAL PANEL DESIGN AND CALCULATIONS FOR WIRE SIZE WERE BASED OFF OF EXISTING PHOTOS

1 FINAL T-MOBILE PANEL DETAIL
SCALE: N.T.S.

CT11037B
 BU #: 806384
 NIAHTIC/ I-95/ RT 156_1
 93 ROXBURY ROAD
 EAST LYME, CT 06357
 EXISTING 151'4" SELF-SUPPORT TOWER

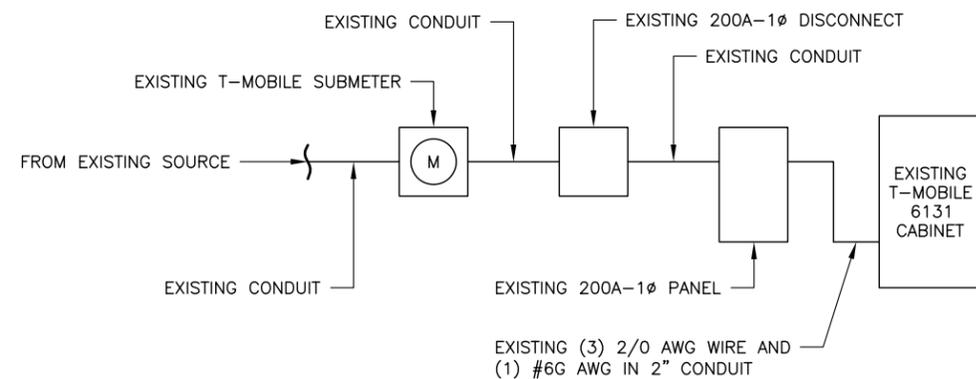
PROJECT NO: 137085.002.01
 CHECKED BY: RMC

ISSUED FOR:			
REV	DATE	DRWN	DESCRIPTION
0	7/29/19	JDP	CONSTRUCTION
1	9/25/19	JJD	CONSTRUCTION
2	6/12/20	GEH	CONSTRUCTION

B&T ENGINEERING, INC.
 PEC.0001564
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2 ONE-LINE DIAGRAM
SCALE: N.T.S.

SHEET NUMBER: E-1
 REVISION: 2