

KENNETH C. BALDWIN

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Direct (860) 275-8345

Also admitted in Massachusetts

October 4, 2017

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Petition No. 1322 – Cellco Partnership d/b/a Verizon Wireless Petition for a Declaratory Ruling on the Need to Obtain a Siting Council Certificate for the Installation of a Small Cell Telecommunications Facility at 396 and 412 Mount Vernon Road, Southington, Connecticut**

Dear Ms. Bachman:

In accordance with Condition No. 2 of the Siting Council's approval of Petition No. 1322, enclosed please find fifteen (15) copies of a Structural Assessment letter and Final Site Plan drawings for the proposed small cell telecommunications facility at the Mount Southington Ski Area, 396 and 412 Mount Vernon Road in Southington, Connecticut.

Please feel free to contact me if you have any questions or need any additional information.

Sincerely,



Kenneth C. Baldwin

KCB/kmd
Enclosure
Copy to:
Elizabeth Jamieson
Anthony R. Befera

17168609-v1



May 26, 2017



99 East River Road, 9th Floor
East Hartford, CT 06108

RE: Structural Assessment
Site Name: Mount Southington SC CT
Site Address: 396 and 412 Mount Vernon Road
Southington, CT 06479

To Whom It May Concern:

Hudson Design Group LLC (HDG) has been authorized by Verizon Wireless to perform a structural assessment on the existing wood pole to determine its capability of supporting the Verizon equipment.

Based on our evaluation, we have determined that the existing wood pole **IS CAPABLE** of supporting the proposed equipment installation. Reference the latest HDG drawings for the proposed equipment location and connection details. Calculations submitted upon request.

This assessment was conducted in accordance with EIA/TIA-222-G, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures, the International Building Code 2012 with 2016 CTSBC Amendments, and the North American Wood Pole Coalition Technical Bulletin – The Wood Pole 2005: Design Considerations, Service Benefits, and Economical Reward.

This determination was based on the following limitations and assumptions:

1. Equipment and locations should not deviate from the HDG drawings without written approval of the engineer.
2. HDG is not responsible for any modifications completed prior to and hereafter which HDG was not directly involved.
3. All structural members and their connections are assumed to be in good condition and are free from defects with no deterioration to its member capacities.
4. All antennas, coax cables and waveguide cables are assumed to be properly installed and supported as per the manufacturer requirements.
5. HDG could not verify the existing wood pole burial depth. HDG is under the assumption that the burial depth meets the minimum requirements per the North American Wood Pole Coalition Technical Bulletin – The Wood Pole 2005: Design Considerations, Service Benefits, and Economical Reward.
6. HDG did not perform any geotechnical analysis / or / investigation. Soil Information is unknown.

Please feel free to contact our office should you have any questions.

Respectfully Submitted,
Hudson Design Group LLC

Michael Cabral
Structural Dept. Head



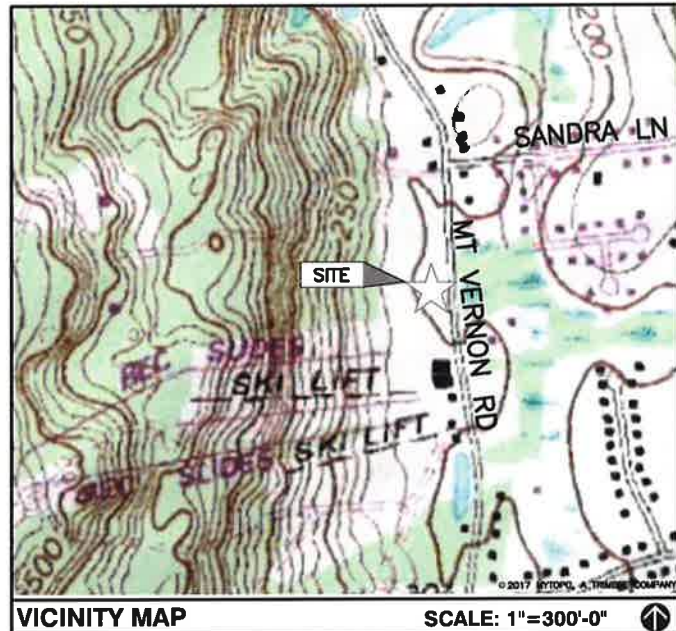
Daniel P. Hamm, PE
Principal

CELLCO PARTNERSHIP



WIRELESS COMMUNICATIONS FACILITY MOUNT SOUTHINGTON CT FINAL SITE PLAN

396 AND 412 MOUNT VERNON ROAD
SOUTHINGTON, CT 06479



DIRECTIONS TO SITE:

FROM VERIZON EAST HARTFORD OFFICE:-

GET ON I-84 FROM E RIVER DR AND CONNECTICUT BLVD
HEAD NORTHEAST ON E RIVER DR TOWARD DARLIN ST
TURN LEFT TO STAY ON E RIVER DR
TURN LEFT AT THE 1ST CROSS STREET ONTO CONNECTICUT BLVD
TURN LEFT ONTO THE ROUTE 84 W RAMP TO HARTFORD/ROUTE 91
FOLLOW I-84 TO MARION AVE IN SOUTHINGTON. TAKE EXIT 30 FROM I-84
MERGE ONTO I-84
KEEP LEFT TO STAY ON I-84
TAKE EXIT 30 FOR MARION AVE TOWARD W MAIN ST
CONTINUE ON MARION AVE.
TAKE FROST ST TO MT VERNON RD
TURN RIGHT ONTO MARION AVE
TURN RIGHT ONTO FROST ST
TURN RIGHT ONTO MT VERNON RD
DESTINATION WILL BE ON THE LEFT
396 MT VERNON RD SOUTHINGTON, CT

CONSULTANT TEAM	
PROJECT ENGINEER	
HUDSON DESIGN GROUP, LLC 1600 OSGOOD STREET BUILDING 20 NORTH, SUITE 3090 NORTH ANDOVER, MA 01845 TEL: 1-(978)-557-5553 FAX: 1-(978)-336-5586	
MEP ENGINEER	
HUDSON DESIGN GROUP, LLC 1600 OSGOOD STREET BUILDING 20 NORTH, SUITE 3090 NORTH ANDOVER, MA 01845 TEL: 1-(978)-557-5553 FAX: 1-(978)-336-5586	

PROJECT SUMMARY	
SITE NAME:	MOUNT SOUTHINGTON SC CT
SITE ADDRESS:	396 AND 412 MOUNT VERNON ROAD SOUTHINGTON, CT 06479
PROPERTY OWNER:	MT SOUTHINGTON LIMITED PO BOX 347 SOUTHINGTON, CT 06489
APPLICANT:	CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
SITE ACQUISITION CONTACT:	ALEKSEY TYURIN VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108 PHONE: (860) 803-8213
LEGAL/REGULATORY COUNSEL:	KENNETH C. BALDWIN ESQ. ROBINSON + COLE LLP (860)275-8345
LATITUDE:	N 41° 34' 56.70"
LONGITUDE:	W 72° 55' 28.60"

SCOPE OF WORK INFO.	
VERIZON WIRELESS IS PROPOSING TO INSTALL THE FOLLOWING IMPROVEMENTS ON PROPOSED TELECOMMUNICATION SITE:	
<ul style="list-style-type: none"> (1) NEW SMALL CELL ANTENNA WITH ASSOCIATE CABLING AND APPURTENANCES. (1) NEW RRH WITH DELTA 1KW POWER SUPPLY AND ROUTER (SAR-0). ITEMS LISTED ABOVE TO BE MOUNTED ON EXISTING UTILITY POLE.	
<ul style="list-style-type: none"> NEW POWER AND TELCO SERVICES WILL BE ROUTED OVERHEAD FROM EXISTING BUILDING TO PROPOSED EQUIPMENT ON UTILITY POLE WITHIN PROPOSED UTILITY EASEMENT. 	

SHEET INDEX	
SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
C-1	ABUTTERS PLAN
A-1	ELEVATION AND EQUIPMENT PLAN

PREPARED FOR: CELLCO PARTNERSHIP D.B.A.



Hudson Design Group LLC

1600 OSGOOD STREET
BUILDING 20 NORTH, SUITE 3090
N. ANDOVER, MA 01845
TEL: (978) 557-5553
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Daniel P. Hamm

CHECKED BY: DJR

APPROVED BY: DPH

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
2	10/02/17	REVISED PER COMMENTS	SLY
1	08/21/17	REVISED PER COMMENTS	SLY
0	08/14/17	ISSUED FOR REVIEW	SLY

SITE NAME:
MOUNT SOUTHINGTON SC CT

FINAL SITE PLAN

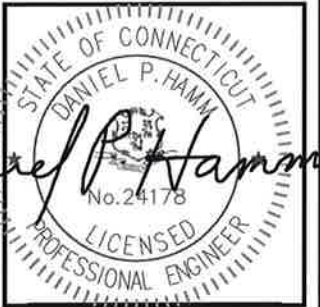
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SHEET TITLE
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SOUTHWINGTON, CT 06479

SHEET TITLE
ABUTTERS PLAN

SHEET NUMBER
C-1

SOURCE:

TOWN OF SOUTHWINGTON, CT ASSESSORS MAP AND GIS MAPS.

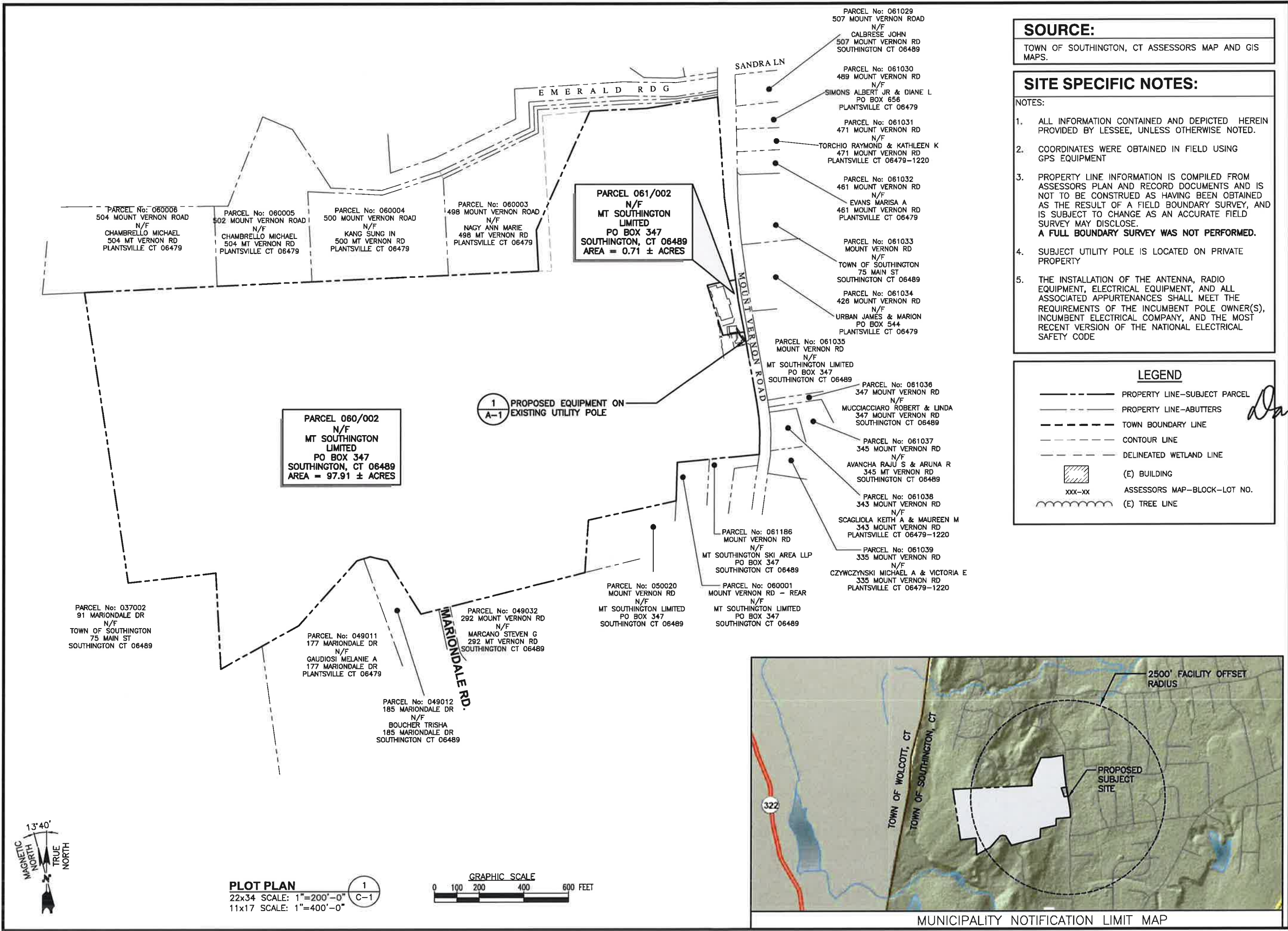
SITE SPECIFIC NOTES:

- NOTES:
- ALL INFORMATION CONTAINED AND DEPICTED HEREIN PROVIDED BY LESSEE, UNLESS OTHERWISE NOTED.
 - COORDINATES WERE OBTAINED IN FIELD USING GPS EQUIPMENT
 - PROPERTY LINE INFORMATION IS COMPILED FROM ASSESSORS PLAN AND RECORD DOCUMENTS AND IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD BOUNDARY SURVEY, AND IS SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE.
A FULL BOUNDARY SURVEY WAS NOT PERFORMED.
 - SUBJECT UTILITY POLE IS LOCATED ON PRIVATE PROPERTY
 - THE INSTALLATION OF THE ANTENNA, RADIO EQUIPMENT, ELECTRICAL EQUIPMENT, AND ALL ASSOCIATED APPURTENANCES SHALL MEET THE REQUIREMENTS OF THE INCUMBENT POLE OWNER(S), INCUMBENT ELECTRICAL COMPANY, AND THE MOST RECENT VERSION OF THE NATIONAL ELECTRICAL SAFETY CODE

LEGEND

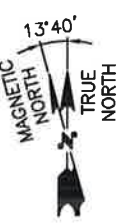
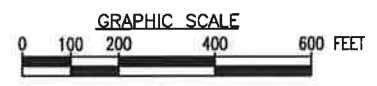
- PROPERTY LINE-SUBJECT PARCEL
- PROPERTY LINE-ABUTTERS
- TOWN BOUNDARY LINE
- CONTOUR LINE
- DELINEATED WETLAND LINE
- (E) BUILDING
- xxx-xx ASSESSORS MAP-BLOCK-LOT NO.
- (E) TREE LINE

Daniel P. Hamm



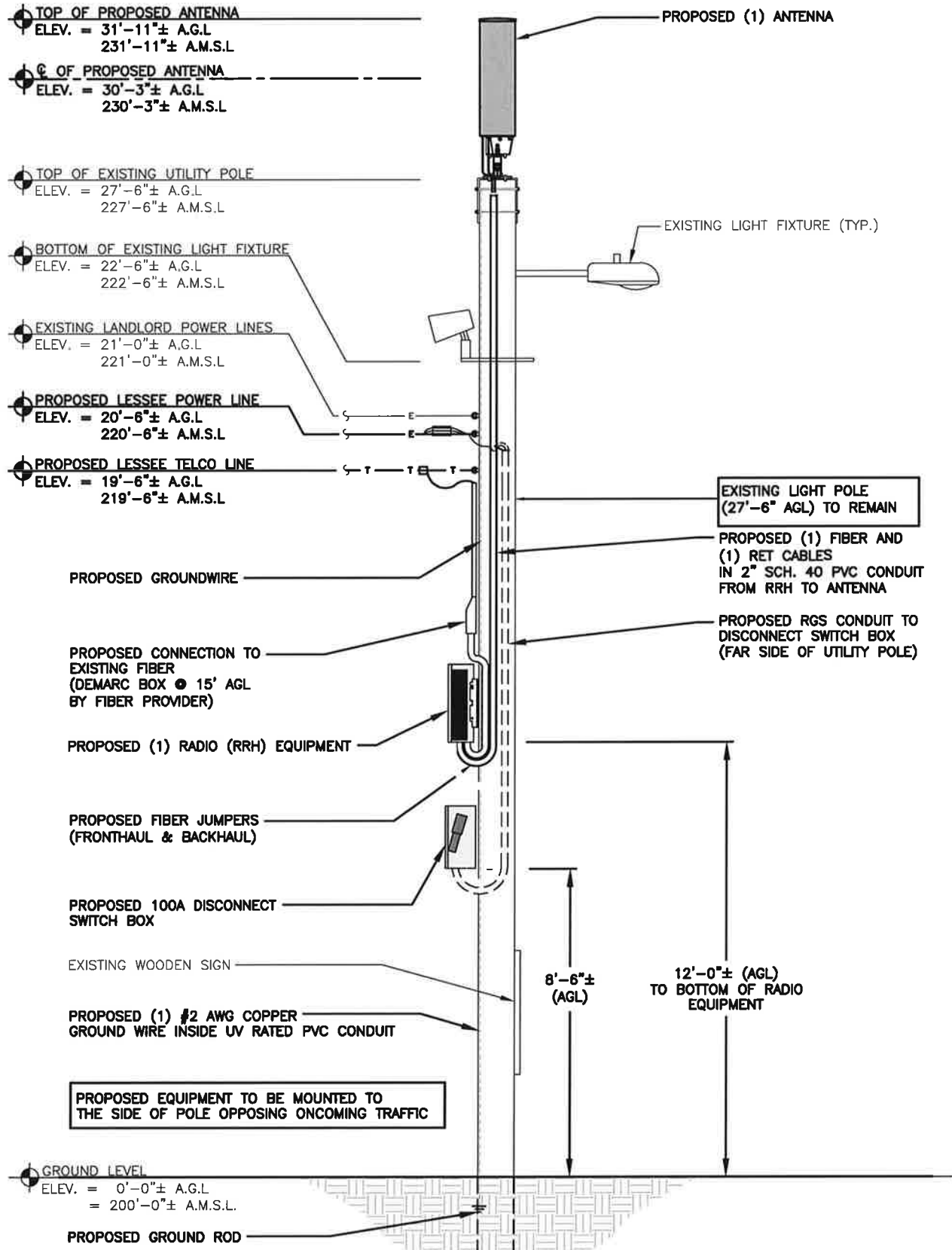
MUNICIPALITY NOTIFICATION LIMIT MAP

PLOT PLAN
22x34 SCALE: 1"=200'-0"
11x17 SCALE: 1"=400'-0"

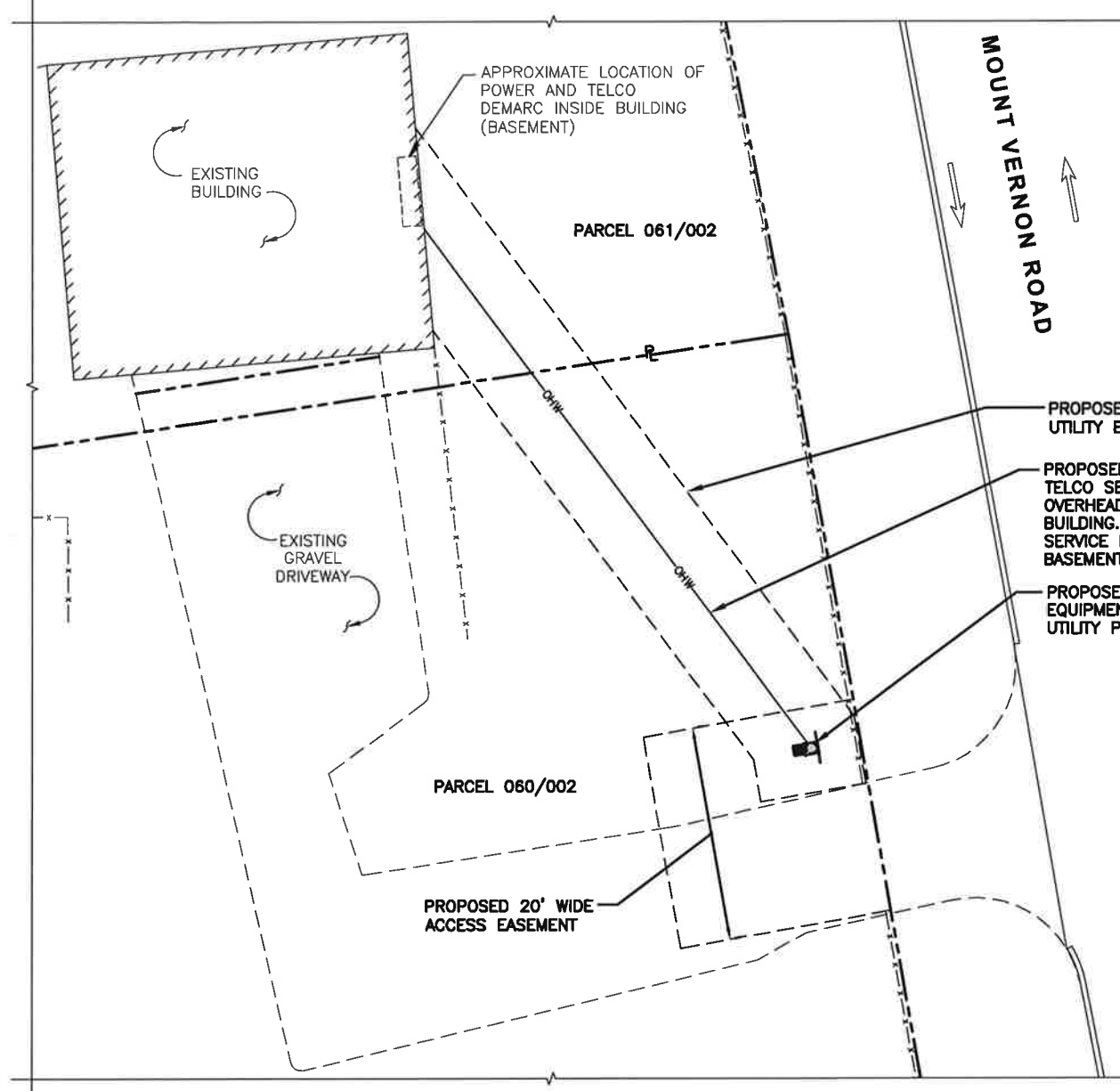
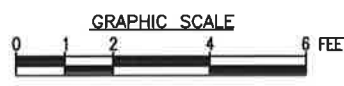


1
C-1

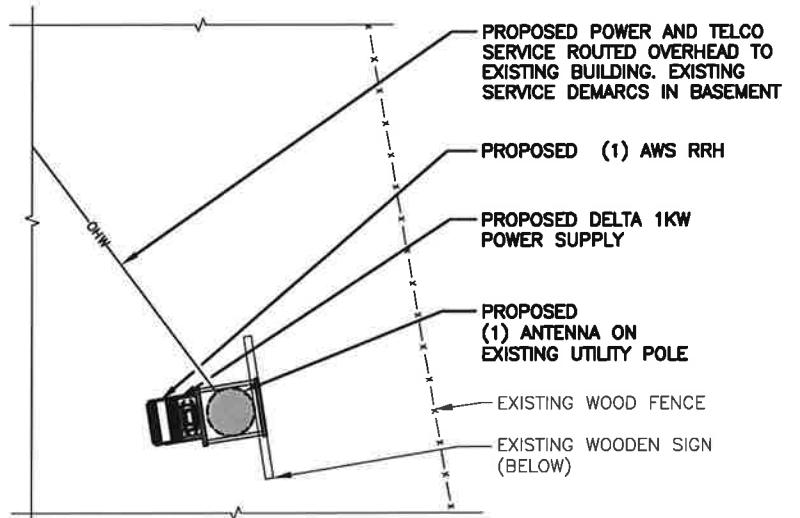
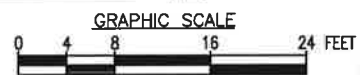
STRUCTURAL NOTE:
 STRUCTURAL INFORMATION TAKEN FROM
 STRUCTURAL ASSESSMENT LETTER
 PERFORMED BY HUDSON DESIGN GROUP LLC
 DATED: MAY 26, 2017



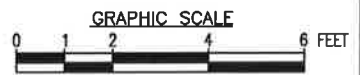
UTILITY POLE ELEVATION
 22x34 SCALE: 1/2"=1'-0"
 11x17 SCALE: 1/4"=1'-0"



PARTIAL SITE PLAN
 22x34 SCALE: 1/8"=1'-0"
 11x17 SCALE: 1/16"=1'-0"



EQUIPMENT DETAIL PLAN
 22x34 SCALE: 1/2"=1'-0"
 11x17 SCALE: 1/4"=1'-0"



PREPARED FOR: CELLCO PARTNERSHIP D.B.A.



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