

September 23, 2016

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

**Re: Notice of Exempt Modification – Tower Replacement
452 Bantam Road, Litchfield, Connecticut**

Dear Ms. Bachman:

The Connecticut Department of Emergency Service and Public Protection (“DESPP”) owns and operates an existing 180-foot self-supporting lattice telecommunications tower at the Connecticut State Police Troop L Barracks at 452 Bantam Road in Litchfield, Connecticut (the “Property”). The tower currently supports antennas owned and operated by DESPP, Litchfield County Dispatch (“LCD”), Eversource, Sprint, AT&T Wireless (“AT&T”) and Cellco Partnership d/b/a Verizon Wireless (“Cellco”). Equipment associated with these antennas is located in a series of shelters and outdoor cabinets within a fenced compound area near the base of the tower. Access to the existing communications compound extends from Bantam Road along an existing paved driveway on the State property.

As the Council may be aware from recent filings by Cellco and AT&T, the existing DESPP tower in Litchfield is at its structural limits and cannot currently support any additional equipment or antennas. Further, the tower and its foundation cannot be reinforced in any fashion to support any antennas or equipment modifications. To allow for much needed wireless facility modifications and upgrades to emergency service communications equipment, the DESPP has agreed to work cooperatively with Eversource, LCD, Cellco, Sprint and AT&T to replace the existing tower. The replacement tower would be no taller than the existing structure (180 feet tall) but would be designed to accommodate the antenna and equipment requirements of all entities currently sharing the tower, additional antennas and equipment of T-Mobile, and allow

15138623-v1

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Page 2

for future growth and expansion of the tower. Ground space within the compound area would continue to accommodate all current and future tenant needs. (*See* Plan Sheet SC-5).

In order to maintain emergency and commercial wireless service during construction of the replacement tower, four (4) temporary towers, ranging in height from 80 feet to 120 feet, will be installed on the Property. Three (3) separate temporary towers for use by Sprint, AT&T and Cellco will be installed on the existing paved parking lot in the southerly portion of the Property.¹ (*See* Plan Sheet SC-2). A fourth 120-foot temporary ballast tower, will be installed to the west of the existing communications compound and will support DESPP, Eversource and LCD antennas. These temporary towers will remain on-site until construction of the replacement tower is completed and all communications systems on the new tower have been activated. A complete set of site plan drawings are included in Attachment 1.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(3) for the proposed replacement tower. In accordance with R.C.S.A. § 16-50j-73, a copy of this filing is being sent to Leo Paul, Jr., First Selectman of the Town of Litchfield, Brian Benito, representative of the DESPP, Daniel Soule with LCD, Steven J. Florio with Eversource and to representatives of AT&T, Sprint and T-Mobile.

The planned replacement of the existing tower falls squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(3), as the proposal constitutes the “replacement of an existing . . . telecommunications tower and associated equipment with a tower that is no taller than the tower to be replaced and does not support public service company or State antennas or antennas to be used for public cellular radio communications emitting total radio frequency electronic radiation power density measured at the site boundary to or above the standard adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996, as amended by the State Department of Energy and Environmental Protection pursuant to Section 22a-162 of the Connecticut General Statutes”.

To demonstrate compliance with the FCC standards for radio frequency emissions as required by R.C.S.A. § 16-50j-72(b)(3), attached is a Calculated Radio Frequency Emissions report (“RF Report”) for the proposed replacement facility taking into account all existing facilities, proposed facility upgrades, and the proposed shared use of the tower by T-Mobile on

¹ T-Mobile is not currently sharing the existing DESPP tower and, therefore, has no service to maintain during construction of the new tower.

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the tower. The RF Report confirms that cumulative RF emissions from the replacement facility will fall well below (32.04%) the FCC standards. (See Attachment 2). A copy of the Town Assessor's parcel map and property owner information is also included in Attachment 3.

For the foregoing reasons, we respectfully submit that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(3).

Sincerely,



Kenneth C. Baldwin

Enclosures

Copy to:

Leo Paul, Jr., First Selectman, Town of Litchfield
Brian Benito, State of Connecticut Department of Emergency Service and Public Protection
Daniel Soule, Executive Director, Litchfield County Dispatch
Steven J. Florio, Eversource
Michele Briggs, AT&T Wireless
Heather Castagnaro, Sprint (*via electronic mail*)
Chuck Regulbuto, T-Mobile (*via electronic mail*)
Elizabeth Jamieson, Verizon Wireless (*via electronic mail*)

ATTACHMENT 1

CELLCO PARTNERSHIP

d.b.a. **verizon**

REPRESENTING:
 CONNECTICUT STATE POLICE
 VERIZON WIRELESS
 SPRINT
 AT&T
 T-MOBILE
 EVERSOURCE
 LITCHFIELD COUNTY DISPATCH
 DESPP

CELLCO PARTNERSHIP
DBA

verizon

A&E FIRM
AECOM

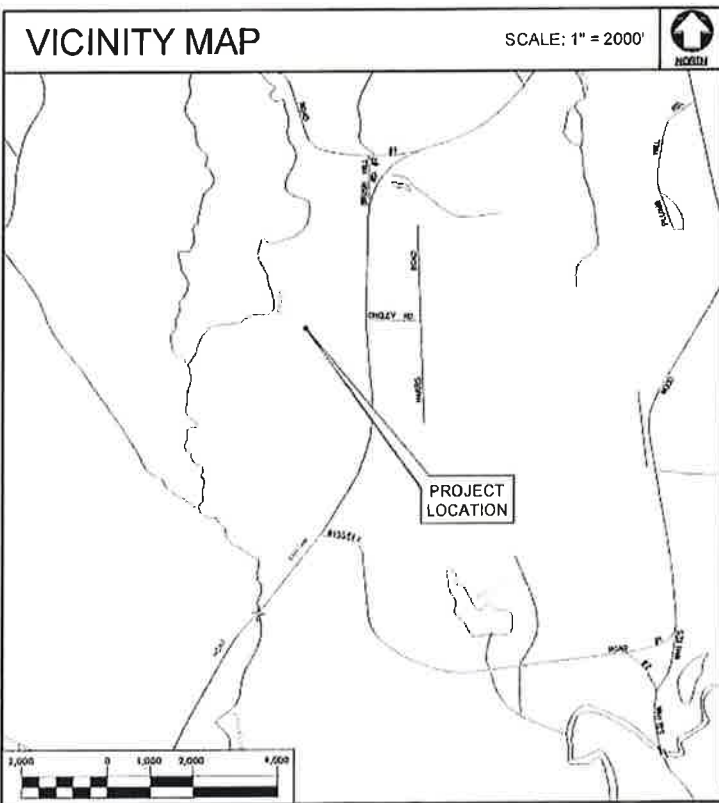
500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-529-8882



LITCHFIELD CSP TOWER #07 REPLACEMENT

452 BANTAM ROAD (438 BANTAM ROAD)
 LITCHFIELD, CONNECTICUT 06759

SITE DIRECTIONS	
FROM: 99 EAST RIVER DRIVE EAST HARTFORD, CONNECTICUT	TO: 452 BANTAM ROAD LITCHFIELD, CONNECTICUT
1. Turn Right onto Darlin Street.	0.1 MI
2. Take ramp right for CT-2 West toward Downtown Hartford	370 FT
3. Road name changes to Founders Bridge	0.3 MI
4. Road name changes to State St	0.2 MI
5. Turn left onto Columbus Blvd	417 FT
6. Turn left onto Grove St	470 FT
7. Take ramp left for I-84 West toward Waterbury	243 FT
8. At exit 39, take ramp right for CT-4 toward Farmington	8.5 MI
9. Keep straight onto CT-4 W / Farmington Ave	1.0 MI
10. Keep straight to stay on CT-4 / Main St	4.9 MI
11. Keep left to stay on CT-4 / Collinsville Rd	0.6 MI
12. Turn left onto CT-4 / Spielman Hwy	2.0 MI
13. Bear left onto CT-118 / Litchfield Rd	8.1 MI
14. Keep straight onto US-202	7.5 MI
15. Arrive at 452 Bantam Road. Site will be on the right.	1.9 MI



PROJECT SUMMARY	
SITE NAME:	LITCHFIELD CSP TOWER #07 REPLACEMENT
SITE ADDRESS:	452 BANTAM ROAD (438) BANTAM ROAD LITCHFIELD, CT
APPLICANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
CONTACT PERSON:	JEFF MEISTERLING, CONSTRUCTION MANAGER VERIZON WIRELESS (860) 942-0617
EXISTING TOWER COORDINATES:	(NAD 83) LATITUDE: 41°-44'-10.21" LONGITUDE: 73°-13'-05.14"
REPLACEMENT TOWER COORDINATES:	(NAD 83) LATITUDE: 41°-44'-10.35" LONGITUDE: 73°-13'-05.22"

GENERAL NOTES	
1. THE PROPOSED SCOPE OF WORK INCLUDES THE REMOVAL AND REPLACEMENT OF THE EXISTING 180' TOWER WITH A 180' LATTICE TOWER EXPANDABLE TO 190'. VERIZON ANTENNAS SHALL BE LOCATED AT 150', T-MOBILE AT 140', AT&T AT 162' AND SPRINT AT 172'. CSP ANTENNAS SHALL BE LOCATED AT VARIOUS HEIGHTS, INCLUDING WHIPS AT THE TOP OF THE TOWER.	
2. FINAL DESIGN FOR TOWER AND ANTENNA MOUNTS SHALL BE INCLUDED IN THE D&M PLANS.	
3. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2009 CONNECTICUT SUPPLEMENT.	

SITE INDEX		
SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET - GENERAL NOTES AND PROJECT SUMMARY	F
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PROJECT NO:	60404023
JOB NO:	V25-191
DRAWN BY:	KAP
CHECKED BY:	MJE/ICA

ISSUED FOR		
A	02-16-16	REVIEW
B	03-01-16	REVIEW
C	04-20-16	REVIEW
D	04-21-16	REVIEW
E	04-21-16	CSC SUBMITTAL
F	08-12-16	CSC SUBMITTAL

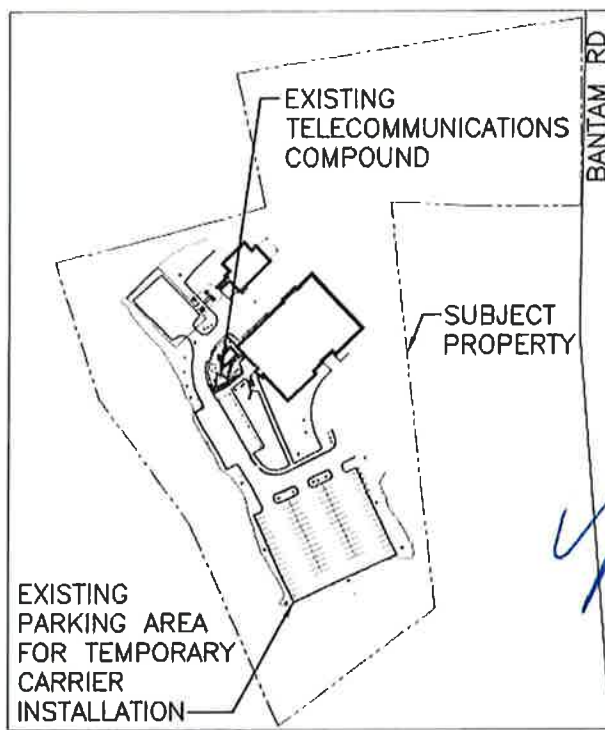
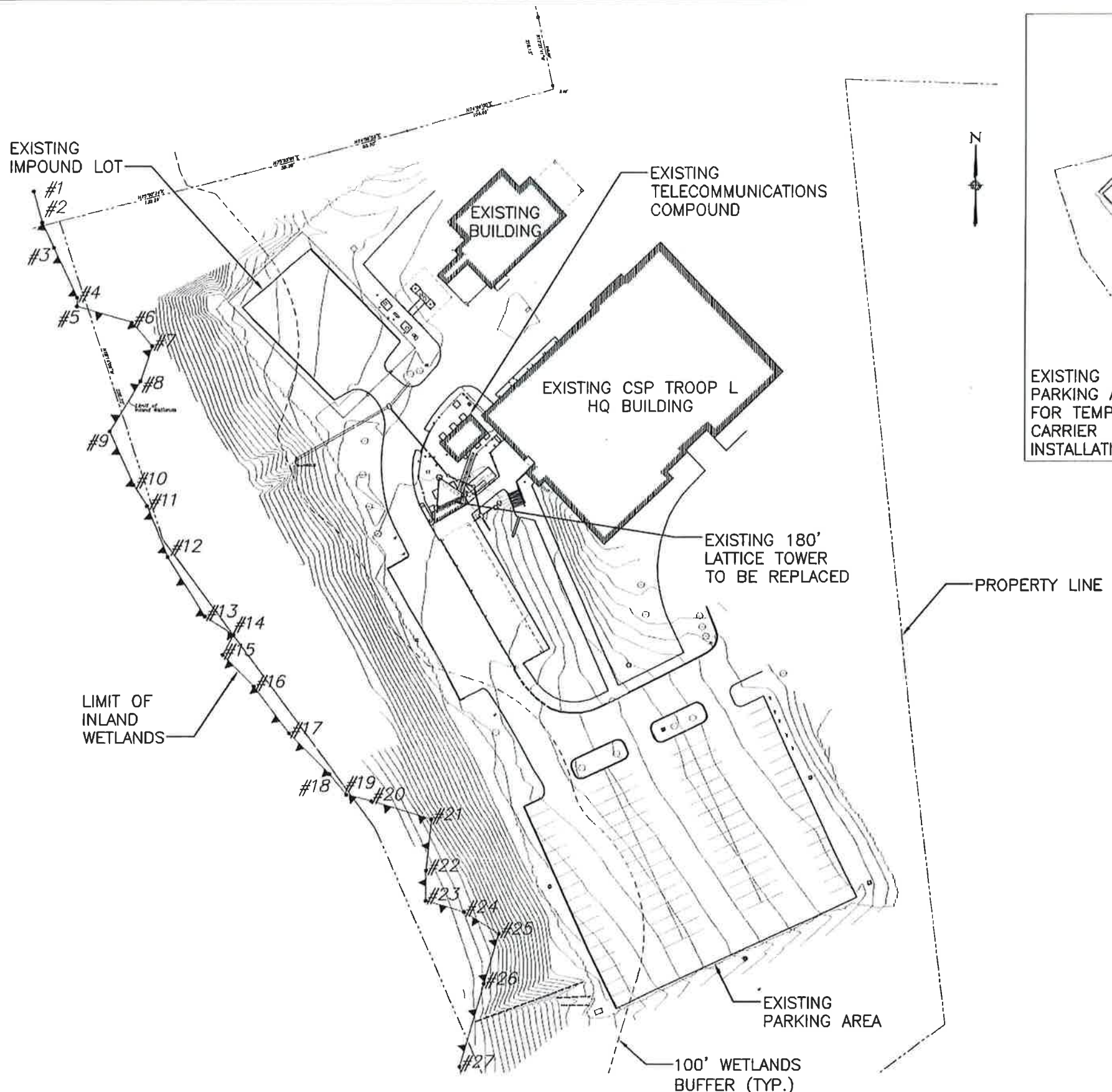
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO VERIZON WIRELESS IS STRICTLY PROHIBITED.

LITCHFIELD CSP #07
 TOWER REPLACEMENT
 452 (438) BANTAM ROAD
 LITCHFIELD, CONNECTICUT
 06759

SCALE: AS NOTED

TITLE SHEET-
 GENERAL NOTES
 AND LEGENDS

T-1



KEY PLAN

1 EXISTING CONDITIONS SITE PLAN
 SC-1 SCALE: 1"=80'-0"



DESIGN EXHIBIT
 THIS PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED FOR VISUAL REPRESENTATION OF THE TOWER REPLACEMENT.

CELLCO PARTNERSHIP
 DBA
verizon

A/E FIRM
AECOM
 500 ENTERPRISE DRIVE
 SUITE 3B
 ROCKY HILL, CONNECTICUT
 1-860-529-8882



PROJECT NO: 60404023

JOB NO: VZ5-191

DRAWN BY: KAP

CHECKED BY: MJE/ICA

ISSUED FOR

A	02-16-16	REVIEW
B	03-01-16	REVIEW
C	04-28-16	REVIEW
D	04-21-16	REVIEW
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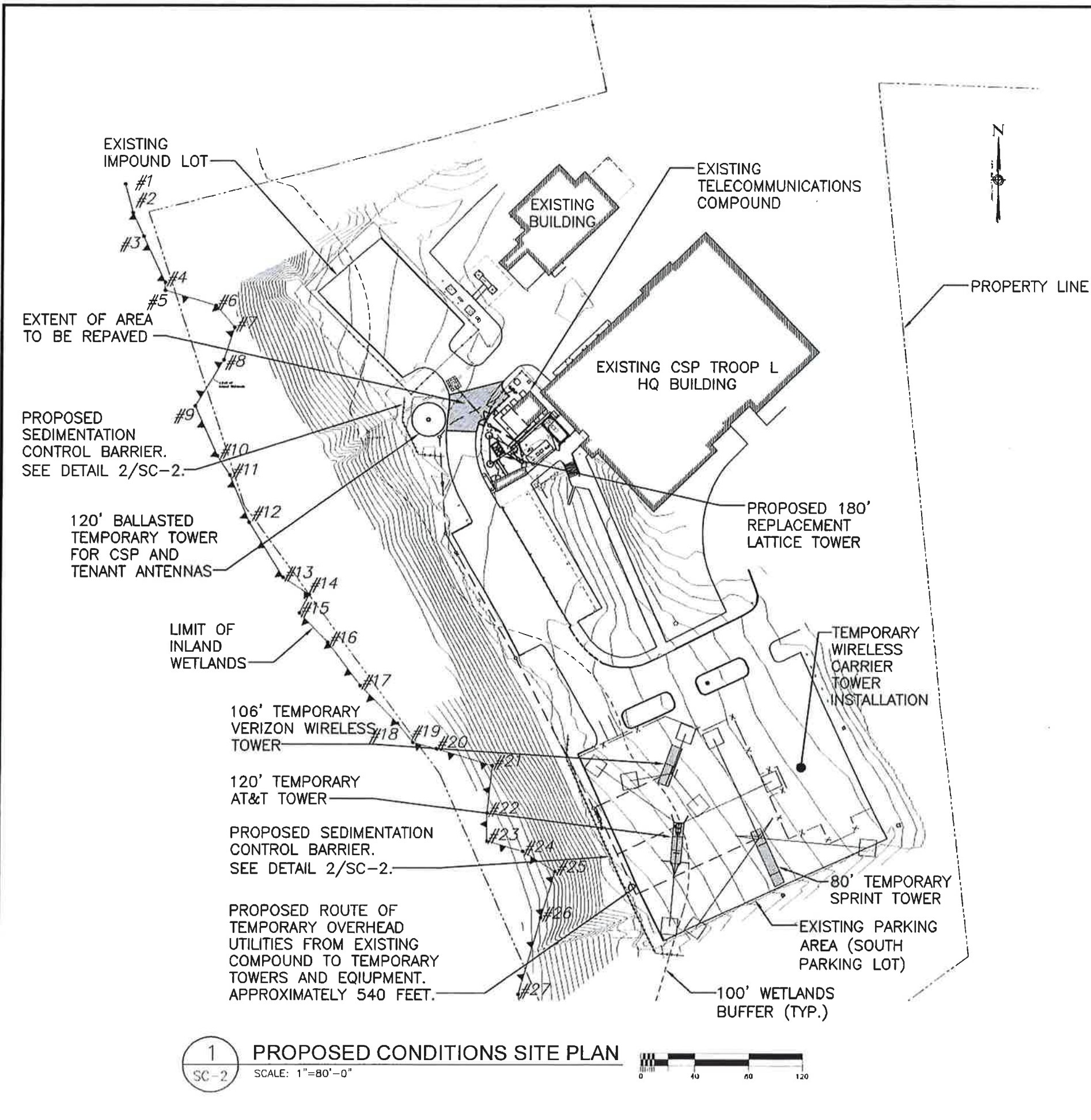
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LITCHFIELD CSP #07
 TOWER REPLACEMENT
 452 (438) BANTAM ROAD
 LITCHFIELD, CONNECTICUT
 06759

SCALE: AS NOTED

EXISTING CONDITIONS SITE PLAN

SC-1

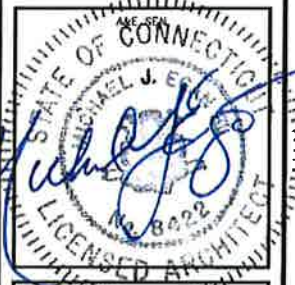


1 PROPOSED CONDITIONS SITE PLAN
 SC-2 SCALE: 1"=80'-0"

DESIGN EXHIBIT
 THIS PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED FOR VISUAL REPRESENTATION OF THE TOWER REPLACEMENT.

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LITCHFIELD CSP #07
 TOWER REPLACEMENT
 452 (438) BANTAM ROAD
 LITCHFIELD, CONNECTICUT
 06759

SCALE: AS NOTED

PROPOSED CONDITIONS SITE PLAN

SC-2

ENVIRONMENTAL NOTES

WETLAND PROTECTION PROGRAM

THE PROPOSED VERIZON WIRELESS PROJECT IS LOCATED IN CLOSE PROXIMITY TO A SENSITIVE WETLAND AREA KNOWN AS RIPLEY SWAMP AND BUTTERNUT BROOK. AS A RESULT, THE FOLLOWING PROTECTIVE MEASURES SHALL BE FOLLOWED TO HELP AVOID DEGRADATION OF THE NEARBY WETLAND SYSTEM.

IT IS OF THE UTMOST IMPORTANCE THAT THE CONTRACTOR COMPLIES WITH THE REQUIREMENT FOR THE INSTALLATION OF PROTECTIVE MEASURES AND THE EDUCATION OF ITS EMPLOYEES AND SUBCONTRACTORS PERFORMING WORK ON THE PROJECT SITE. THESE MEASURES WILL ALSO PROVIDE PROTECTION TO A NEARBY WETLAND SYSTEM. THIS PROTECTION PROGRAM SHALL BE IMPLEMENTED REGARDLESS OF TIME OF YEAR THE CONSTRUCTION ACTIVITIES OCCUR. ALL-POINTS TECHNOLOGY CORPORATION, P.C. ("APT") WILL SERVE AS THE ENVIRONMENTAL MONITOR FOR THIS PROJECT TO ENSURE THAT WETLAND PROTECTION MEASURES ARE IMPLEMENTED PROPERLY. THE CONTRACTOR SHALL CONTACT DEAN GUSTAFSON, SENIOR ENVIRONMENTAL SCIENTIST AT APT, AT LEAST 5 BUSINESS DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING. MR. GUSTAFSON CAN BE REACHED BY TELEPHONE AT (860) 663-1697 EXT. 201 OR VIA EMAIL AT DGUSTAFSON@ALLPOINTSTECH.COM.

THE WETLAND PROTECTION PROGRAM CONSISTS OF SEVERAL COMPONENTS: USE OF APPROPRIATE EROSION CONTROL MEASURES TO CONTROL AND CONTAIN EROSION WHILE AVOIDING/MINIMIZING WILDLIFE ENTANGLEMENT; PERIODIC INSPECTION AND MAINTENANCE OF ISOLATION STRUCTURES AND EROSION CONTROL MEASURES; WORKER ENVIRONMENTAL AWARENESS TRAINING PROGRAM PRIOR TO INITIATION OF WORK ON THE SITE; PROTECTIVE MEASURES; AND, REPORTING.

1. EROSION AND SEDIMENTATION CONTROLS

- a. PLASTIC NETTING USED IN A VARIETY OF EROSION CONTROL PRODUCTS (I.E., EROSION CONTROL BLANKETS, FIBER ROLLS [WATTLES], REINFORCED SILT FENCE) HAS BEEN FOUND TO ENTANGLE WILDLIFE, INCLUDING REPTILES, AMPHIBIANS, BIRDS AND SMALL MAMMALS. NO PERMANENT EROSION CONTROL PRODUCTS OR REINFORCED SILT FENCE WILL BE USED ON THE PROJECT. TEMPORARY EROSION CONTROL PRODUCTS WILL USE EITHER EROSION CONTROL BLANKETS AND FIBER ROLLS COMPOSED OF PROCESSED FIBERS MECHANICALLY BOUND TOGETHER TO FORM A CONTINUOUS MATRIX (NET LESS) OR NETTING COMPOSED OF PLANAR WOVEN NATURAL BIODEGRADABLE FIBER TO AVOID/MINIMIZE WILDLIFE ENTANGLEMENT.
b. INSTALLATION OF EROSION CONTROL MEASURES SHALL BE PERFORMED BY THE CONTRACTOR PRIOR TO ANY EARTHWORK. APT WILL INSPECT THE WORK ZONE AREA PRIOR TO AND FOLLOWING BARRIER INSTALLATION TO ENSURE EROSION CONTROLS ARE PROPERLY INSTALLED.
c. IN ADDITION TO REQUIRED DAILY INSPECTION BY THE CONTRACTOR, THE FENCING WILL BE INSPECTED FOR TEARS OR BREECHES IN THE FABRIC FOLLOWING INSTALLATION PERIODICALLY BY APT THROUGHOUT THE COURSE OF THE CONSTRUCTION PROJECT.
d. THE EXTENT OF THE EROSION CONTROLS WILL BE AS SHOWN ON THE SITE PLANS. THE CONTRACTOR SHALL HAVE ADDITIONAL EROSION CONTROL MATERIALS ON SITE SHOULD FIELD CONDITIONS WARRANT EXTENDING AND/OR REINFORCING THE FENCING AS DIRECTED BY APT.
e. ALL SILT FENCING AND OTHER EROSION CONTROL DEVICES SHALL BE REMOVED WITHIN 30 DAYS OF COMPLETION OF WORK AND PERMANENT STABILIZATION OF SITE SOILS. IF FIBER ROLLS/WATTLES, STRAW BALES, OR OTHER NATURAL MATERIAL EROSION CONTROL PRODUCTS ARE USED, SUCH DEVICES WILL NOT BE LEFT IN PLACE TO BIODEGRADE AND SHALL BE PROMPTLY REMOVED AFTER SOILS ARE STABLE SO AS NOT TO CREATE A BARRIER TO MIGRATING WILDLIFE. SEED FROM SEEDING OF SOILS SHOULD NOT SPREAD OVER FIBER ROLLS/WATTLES AS IT MAKES THEM HARDER TO REMOVE ONCE SOILS ARE STABILIZED BY VEGETATION.

2. WORKERS ENVIRONMENTAL AWARENESS PROGRAM TRAINING

- a. PRIOR TO WORK ON SITE, THE CONTRACTOR SHALL ATTEND AN AWARENESS PROGRAM AT THE PRE-CONSTRUCTION MEETING WITH APT. THE ENVIRONMENTAL AWARENESS PROGRAM WILL CONSIST OF AN OVERVIEW OF THE PROTECTION PLAN, COMMUNICATION AND REPORTING PROTOCOLS AND MEASURES REQUIRED TO MINIMIZE IMPACTS TO NEARBY SENSITIVE WETLAND HABITAT.

3. PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION (CONTINUED)

- a. CERTAIN PRECAUTIONS ARE NECESSARY TO STORE PETROLEUM MATERIALS, REFUEL AND CONTAIN AND PROPERLY CLEAN UP ANY INADVERTENT FUEL OR PETROLEUM (I.E., OIL, HYDRAULIC FLUID, ETC.) SPILL DUE TO THE PROJECT'S LOCATION IN PROXIMITY TO SENSITIVE WETLANDS.

PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION (CONTINUED)

- b. A SPILL CONTAINMENT KIT CONSISTING OF A SUFFICIENT SUPPLY OF ABSORBENT PADS AND ABSORBENT MATERIAL WILL BE MAINTAINED BY THE CONTRACTOR AT THE CONSTRUCTION SITE THROUGHOUT THE DURATION OF THE PROJECT. IN ADDITION, A WASTE DRUM WILL BE KEPT ON SITE TO CONTAIN ANY USED ABSORBENT PADS/MATERIAL FOR PROPER AND TIMELY DISPOSAL OFF SITE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL LAWS.
c. THE FOLLOWING PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING RESTRICTIONS AND SPILL RESPONSE PROCEDURES WILL BE ADHERED TO BY THE CONTRACTOR.

i. PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING

- 1. REFUELING OF VEHICLES OR MACHINERY SHALL OCCUR A MINIMUM OF 100 FEET FROM WETLANDS OR WATERCOURSES AND SHALL TAKE PLACE ON AN IMPERVIOUS PAD WITH SECONDARY CONTAINMENT DESIGNED TO CONTAIN FUELS.
2. ANY FUEL OR HAZARDOUS MATERIALS THAT MUST BE KEPT ON SITE SHALL BE STORED ON AN IMPERVIOUS SURFACE UTILIZING SECONDARY CONTAINMENT A MINIMUM OF 100 FEET FROM WETLANDS OR WATERCOURSES.

ii. INITIAL SPILL RESPONSE PROCEDURES

- 1. STOP OPERATIONS AND SHUT OFF EQUIPMENT.
2. REMOVE ANY SOURCES OF SPARK OR FLAME.
3. CONTAIN THE SOURCE OF THE SPILL.
4. DETERMINE THE APPROXIMATE VOLUME OF THE SPILL.
5. IDENTIFY THE LOCATION OF NATURAL FLOW PATHS TO PREVENT THE RELEASE OF THE SPILL TO SENSITIVE NEARBY WATERWAYS OR WETLANDS.
6. ENSURE THAT FELLOW WORKERS ARE NOTIFIED OF THE SPILL.

iii. SPILL CLEAN UP & CONTAINMENT

- 1. OBTAIN SPILL RESPONSE MATERIALS FROM THE ON-SITE SPILL RESPONSE KIT. PLACE ABSORBENT MATERIALS DIRECTLY ON THE RELEASE AREA.
2. LIMIT THE SPREAD OF THE SPILL BY PLACING ABSORBENT MATERIALS AROUND THE PERIMETER OF THE SPILL.
3. ISOLATE AND ELIMINATE THE SPILL SOURCE.
4. CONTACT APPROPRIATE LOCAL, STATE AND/OR FEDERAL AGENCIES, AS NECESSARY.
5. CONTACT A DISPOSAL COMPANY TO PROPERLY DISPOSE OF CONTAMINATED MATERIALS.

iv. REPORTING

- 1. COMPLETE AN INCIDENT REPORT.
2. SUBMIT A COMPLETED INCIDENT REPORT TO APPROPRIATE LOCAL, STATE AND/OR FEDERAL AGENCIES, AS NECESSARY.

4. HERBICIDE AND PESTICIDE RESTRICTIONS

- a. THE USE OF HERBICIDES AND PESTICIDES AT THE PROPOSED WIRELESS TELECOMMUNICATIONS FACILITY IS STRICTLY PROHIBITED.

5. REPORTING

- a. ANY INCIDENTS OF SEDIMENT RELEASE INTO THE NEARBY WETLAND WILL BE REPORTED TO THE CONNECTICUT SITING COUNCIL.

CELLCO PARTNERSHIP DBA



A&E FIRM

AECOM

500 ENTERPRISE DRIVE SUITE 3B ROCKY HILL, CONNECTICUT 1 (860) 529-8882



PROJECT NO: 60404023

JOB NO: VZ5-191

DRAWN BY: KAP

CHECKED BY: MJE

Table with 2 columns: Revision (A-F), Date, and Description (REVIEW, CSC SUBMITAL)

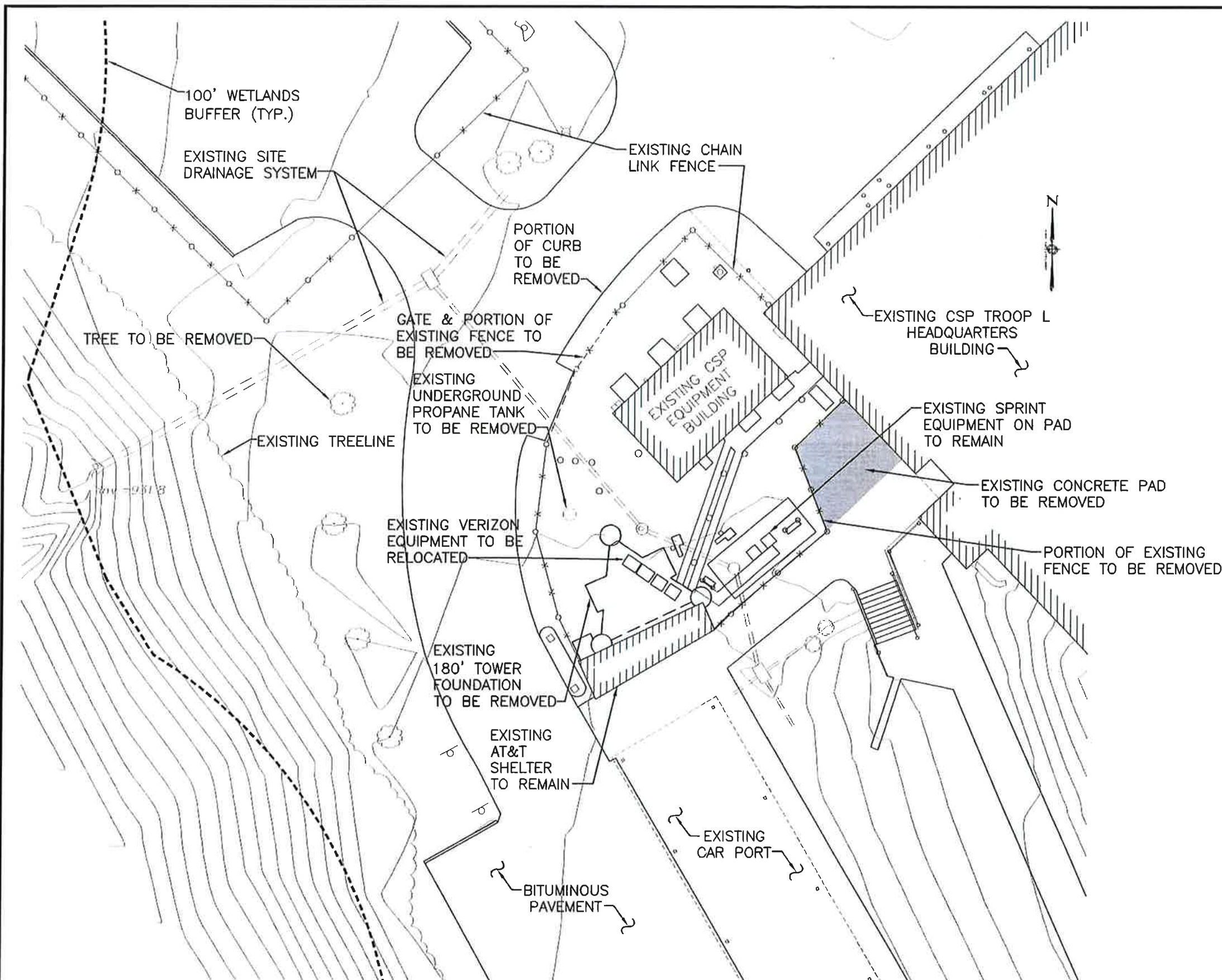
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LITCHFIELD CSP #07 TOWER REPLACEMENT 452 (438) BANTAM ROAD LITCHFIELD, CONNECTICUT 06759

SCALE: AS NOTED

ENVIRONMENTAL NOTES

SC-2A



2 EXISTING CONDITIONS SITE PLAN AT EQUIPMENT COMPOUND
 SC-3 SCALE: 1"=20'-0"



DESIGN EXHIBIT
 THIS PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED FOR VISUAL REPRESENTATION OF THE TOWER REPLACEMENT.

CELLCO PARTNERSHIP
 DBA
verizon

A&E FIRM
AECOM
 500 ENTERPRISE DRIVE
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 1-860-529-8892



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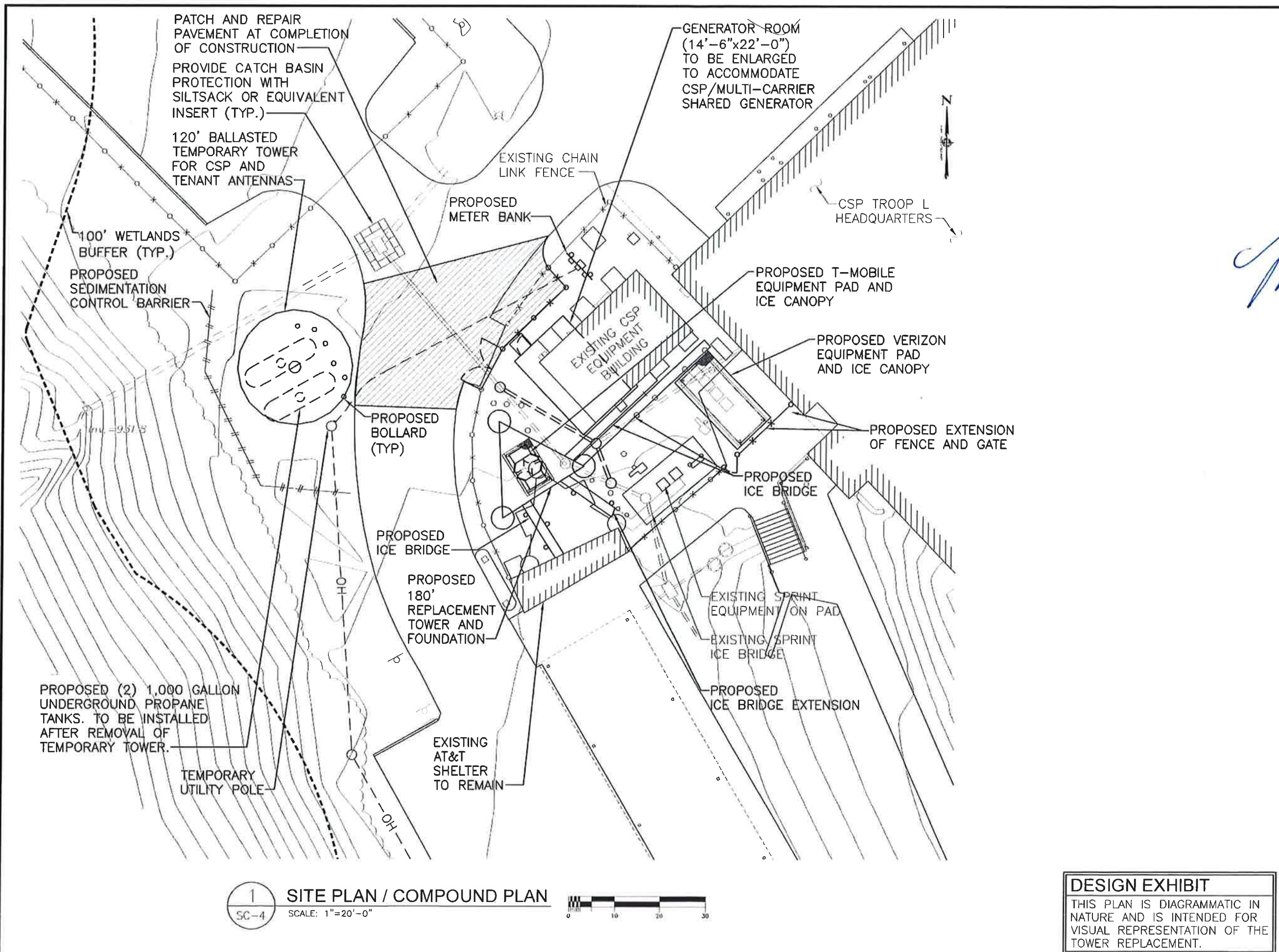
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LITCHFIELD CSP #07
 TOWER REPLACEMENT
 452 (438) BANTAM ROAD
 LITCHFIELD, CONNECTICUT
 08759

SCALE: AS NOTED

EXISTING CONDITIONS
 SITE PLAN AT
 EQUIP. COMPOUND

SC-3



CELLCO PARTNERSHIP DBA
verizon

A/E/FIRM
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500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
1-(866)-529-8882



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452 (438) BANTAM ROAD
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06759

SCALE: AS NOTED

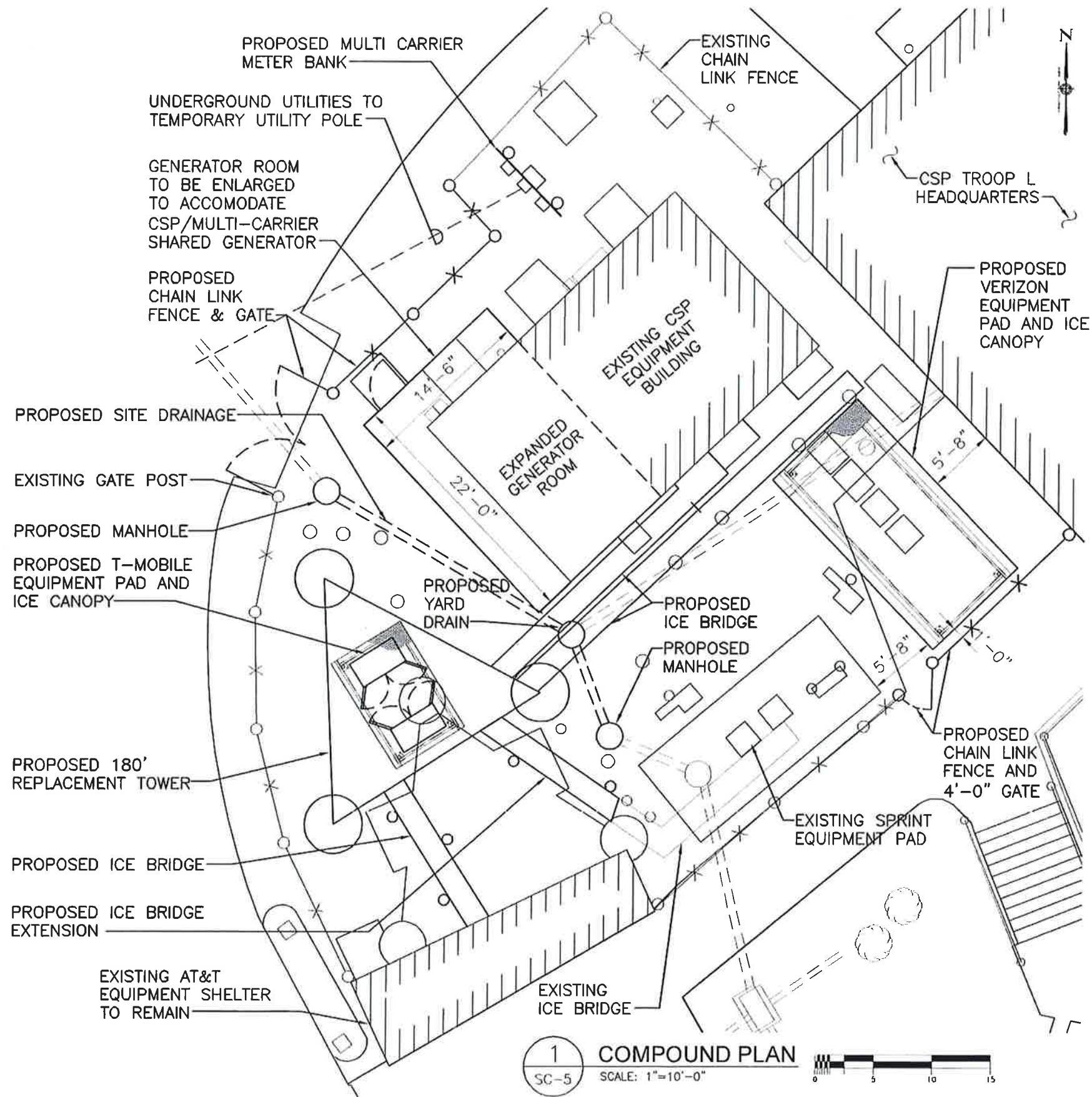
SITE PLAN / COMPOUND PLAN

SC-4

1 SITE PLAN / COMPOUND PLAN
SCALE: 1"=20'-0"



DESIGN EXHIBIT
THIS PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED FOR VISUAL REPRESENTATION OF THE TOWER REPLACEMENT.



1
SC-5
COMPOUND PLAN
SCALE: 1"=10'-0"

DESIGN EXHIBIT
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CELLCO PARTNERSHIP
DBA
verizon

A/E FIRM
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LITCHFIELD CSP #07
TOWER REPLACEMENT
452 (43B) BANTAM ROAD
LITCHFIELD, CONNECTICUT
06759

SCALE: AS NOTED

COMPOUND PLAN

SC-5

CELLCO PARTNERSHIP
DBA



A/E FIRM
AECOM
500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-529-8882



PROJECT NO: 60404023

JOB NO: VZ5-191

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CHECKED BY: MJE/ICA

ISSUED FOR

A	02-18-16	REVIEW
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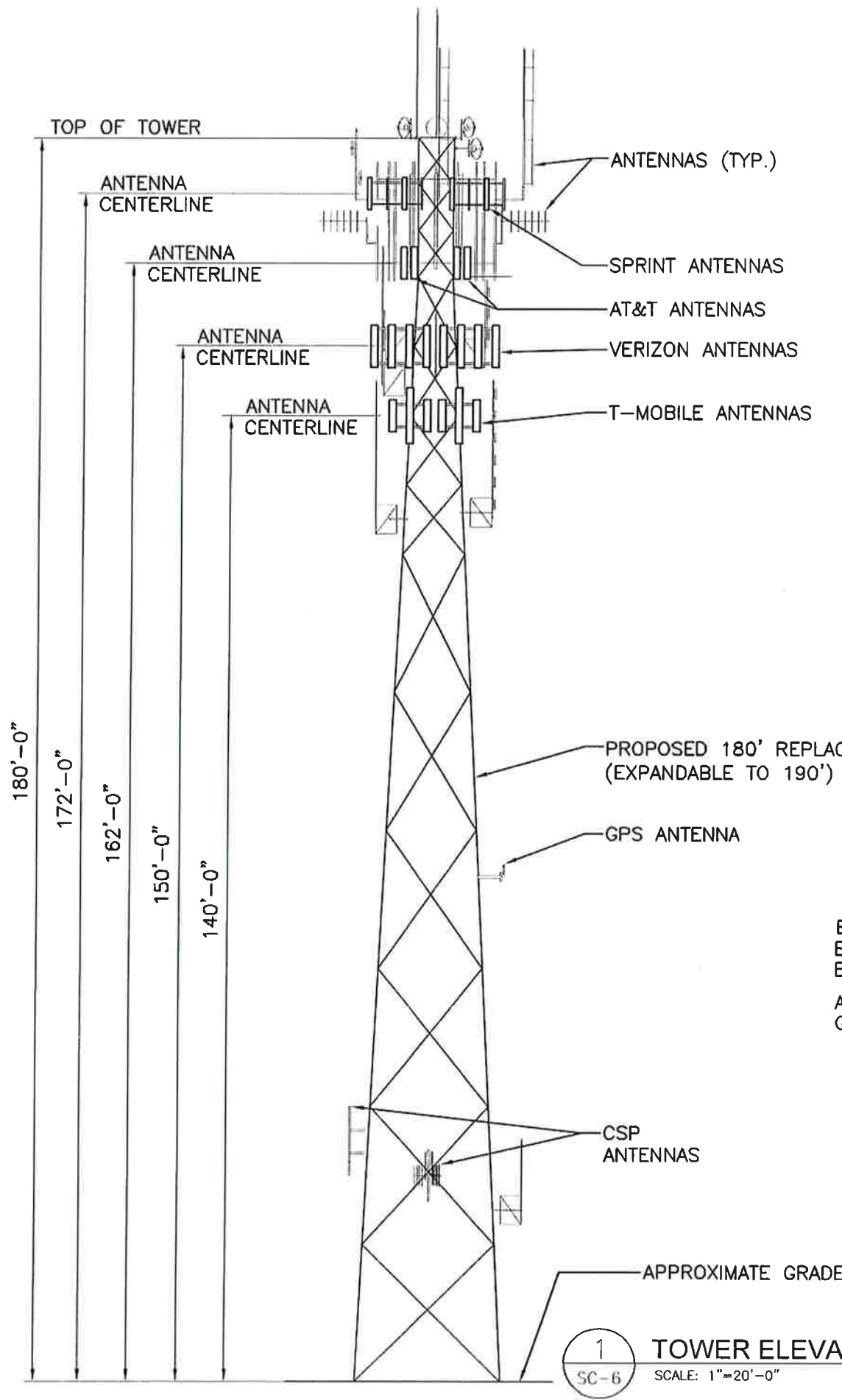
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LITCHFIELD CSP #07
TOWER REPLACEMENT
452 (438) BANTAM ROAD
LITCHFIELD, CONNECTICUT
06759

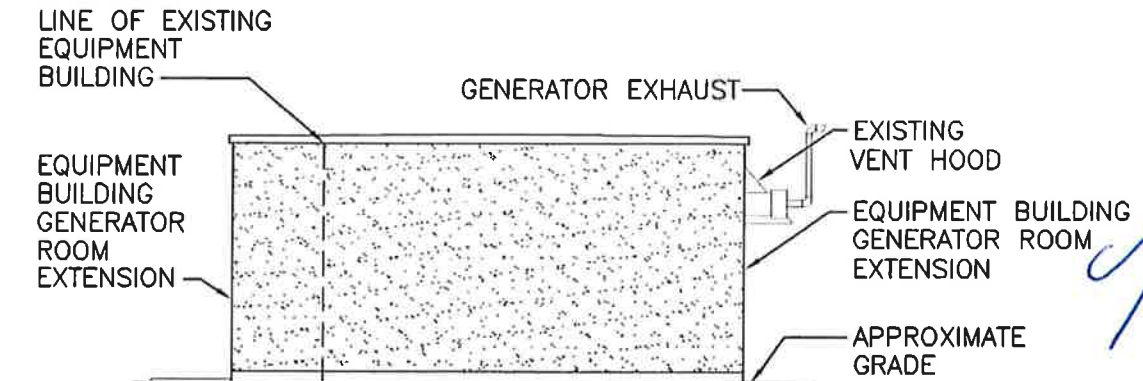
SCALE: AS NOTED

TOWER ELEVATION
AND BUILDING
ELEVATIONS

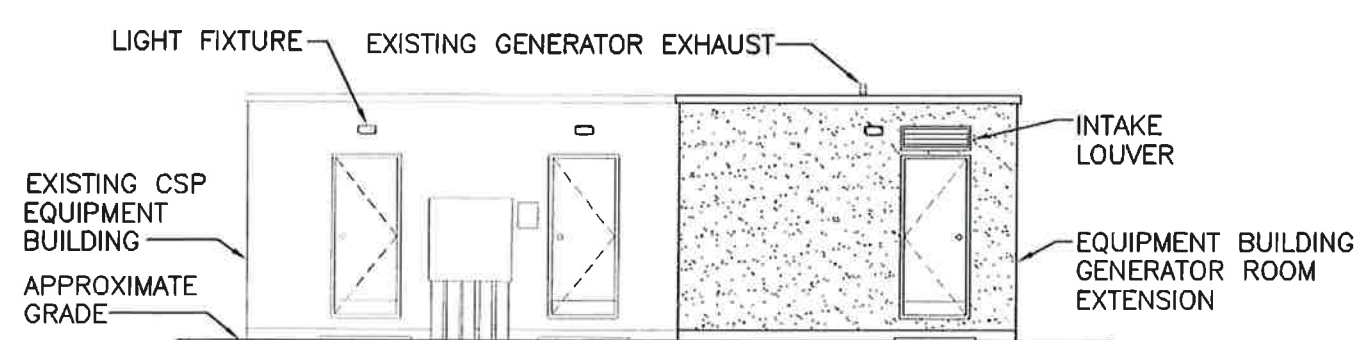
SC-6



1 TOWER ELEVATION
SCALE: 1"=20'-0"



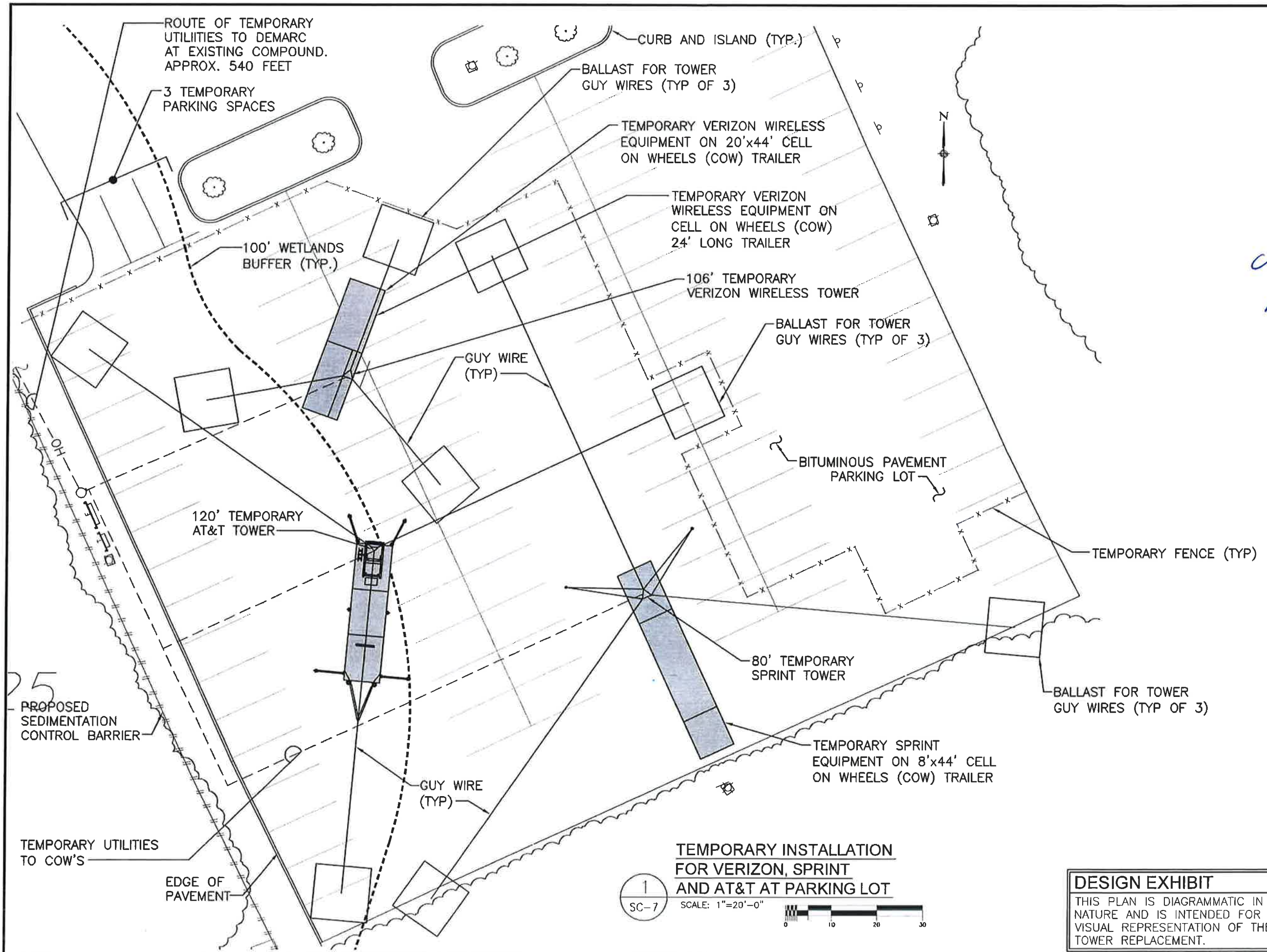
3 WEST BUILDING ELEVATION
SCALE: 1/8"=1'-0"



2 NORTH BUILDING ELEVATION
SCALE: 1/8"=1'-0"



DESIGN EXHIBIT
THIS PLAN IS DIAGRAMMATIC IN
NATURE AND IS INTENDED FOR
VISUAL REPRESENTATION OF THE
TOWER REPLACEMENT.



CELLCO PARTNERSHIP
DBA
verizon

A/E FIRM
AECOM
500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-529-8882



PROJECT NO: 60404023
JOB NO: VZ5-191
DRAWN BY: KAP
CHECKED BY: MJE/CA

ISSUED FOR	
A	02-16-16 REVIEW
B	03-01-16 REVIEW
C	04-20-16 REVIEW
D	04-21-16 REVIEW
E	04-21-16 CSC SUBMITAL
F	08-12-16 CSC SUBMITAL

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LITCHFIELD CSP #07
TOWER REPLACEMENT
452 (43B) BANTAM ROAD
LITCHFIELD, CONNECTICUT
06759

SCALE: AS NOTED

TEMPORARY
INSTALLATION
FOR CARRIERS
AT PARKING LOT

SC-7

**TEMPORARY INSTALLATION
FOR VERIZON, SPRINT
AND AT&T AT PARKING LOT**
SCALE: 1"=20'-0"
0 10 20 30

DESIGN EXHIBIT
THIS PLAN IS DIAGRAMMATIC IN
NATURE AND IS INTENDED FOR
VISUAL REPRESENTATION OF THE
TOWER REPLACEMENT.



PROJECT NO: 60404023
JOB NO: VZ5-191
DRAWN BY: KAP
CHECKED BY: MJE/ICA

ISSUED FOR	
A	02-16-16 REVIEW
B	03-01-16 REVIEW
C	04-20-16 REVIEW
D	04-21-16 REVIEW
E	04-21-16 CSC SUBMITAL
F	09-12-16 CSC SUBMITAL

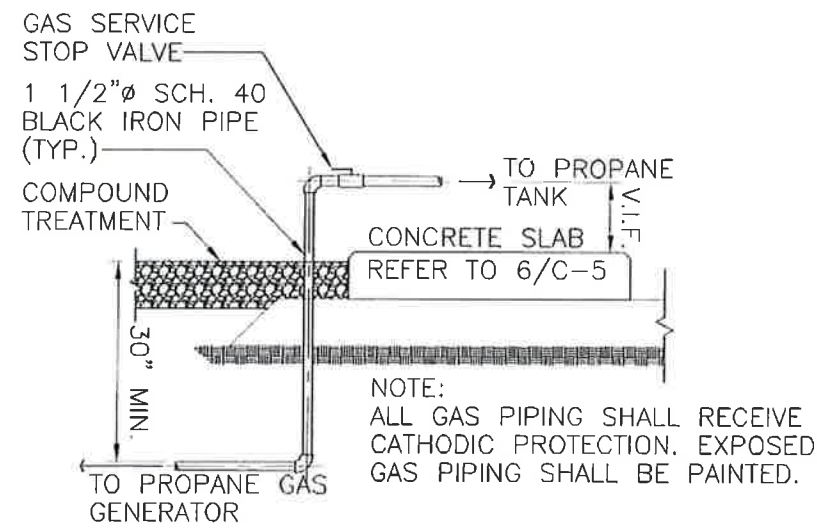
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LITCHFIELD CSP #07
TOWER REPLACEMENT
452 (438) BANTAM ROAD
LITCHFIELD, CONNECTICUT
06759

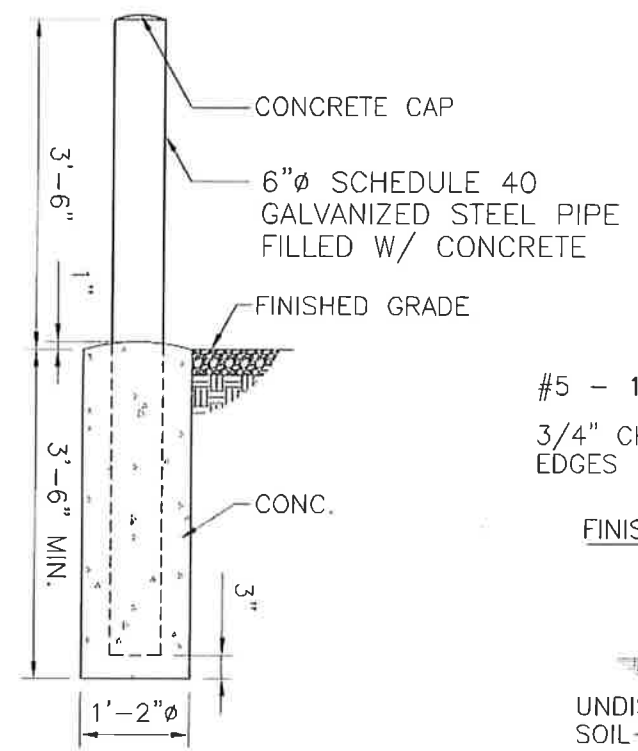
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DETAILS

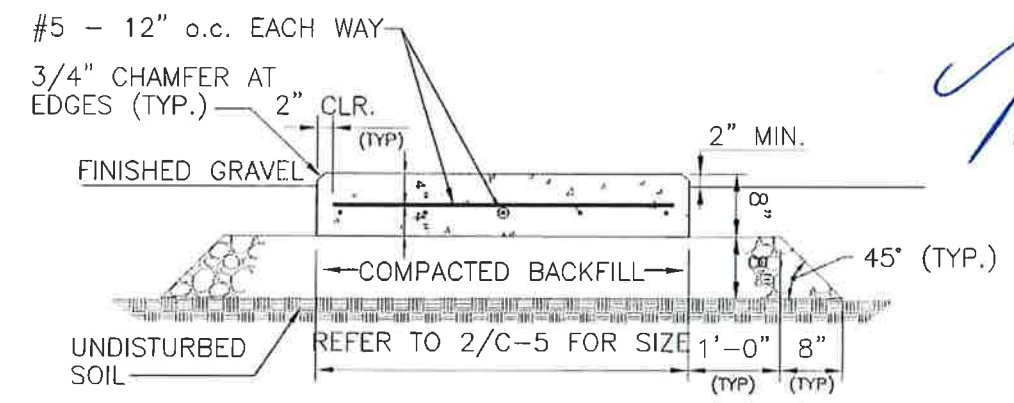
SC-8



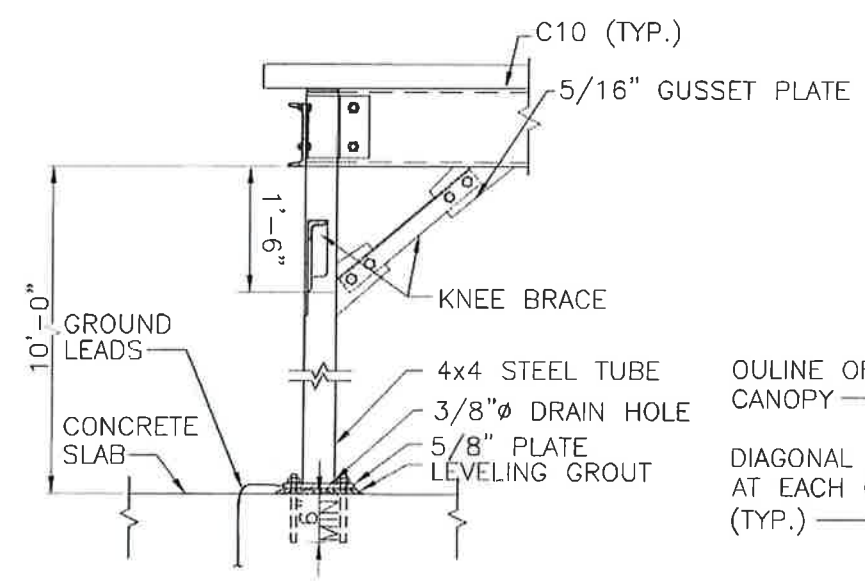
6 TYPICAL PIPING CONNECTION TO GENERATOR
SCALE: 3/8"=1'-0"



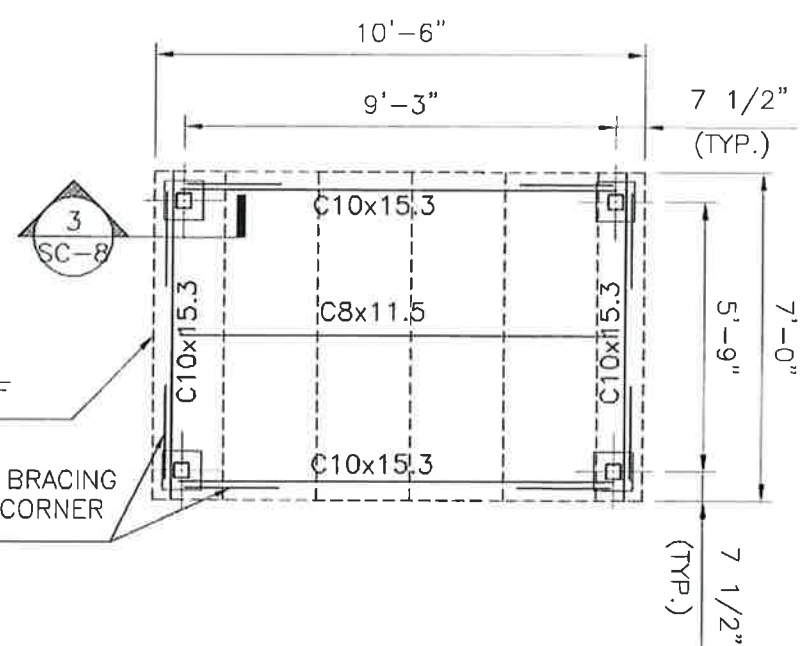
5 BOLLARD DETAIL
SCALE: 1/2"=1'-0"



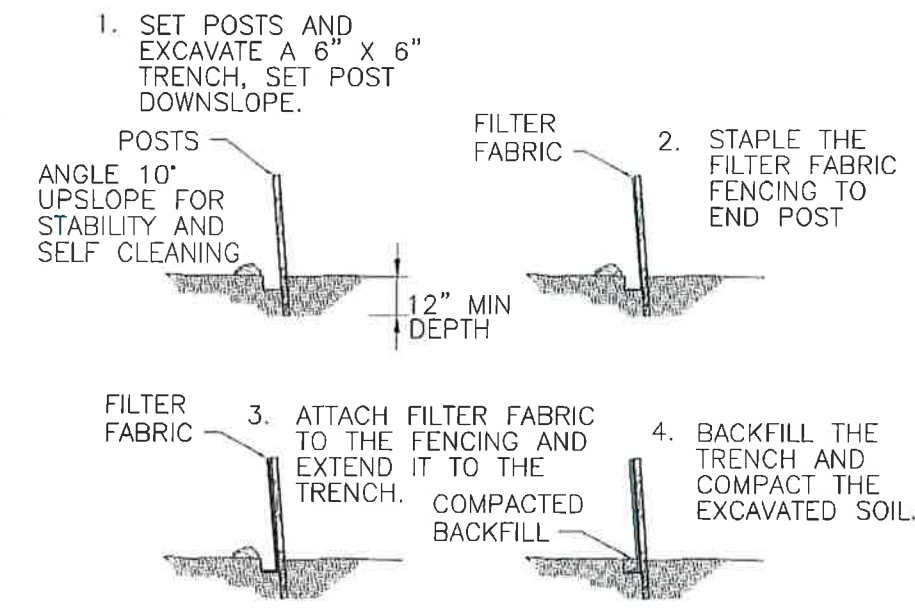
4 CONCRETE SLAB DETAIL (PROPANE TANK)
SCALE: 1/2"=1'-0"



3 ICE CANOPY SECTION
SCALE: 1/2"=1'-0"

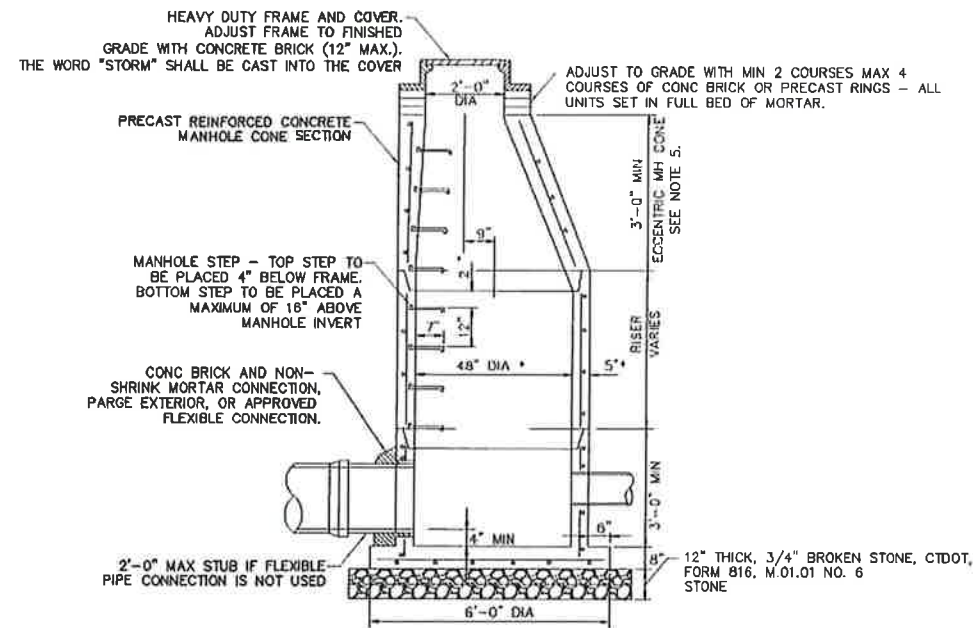


2 ICE CANOPY FRAMING DETAIL
SCALE: 1/4"=1'-0"



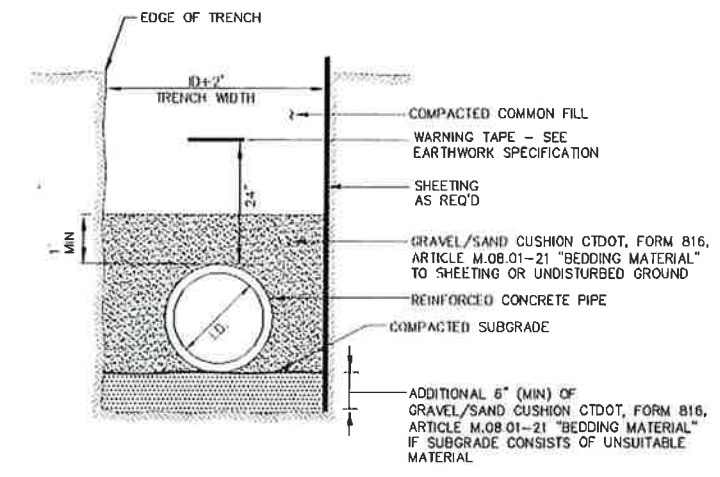
1 SEDIMENTATION CONTROL BARRIER
SCALE: N.T.S.

DESIGN EXHIBIT
THIS PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED FOR VISUAL REPRESENTATION OF THE TOWER REPLACEMENT.



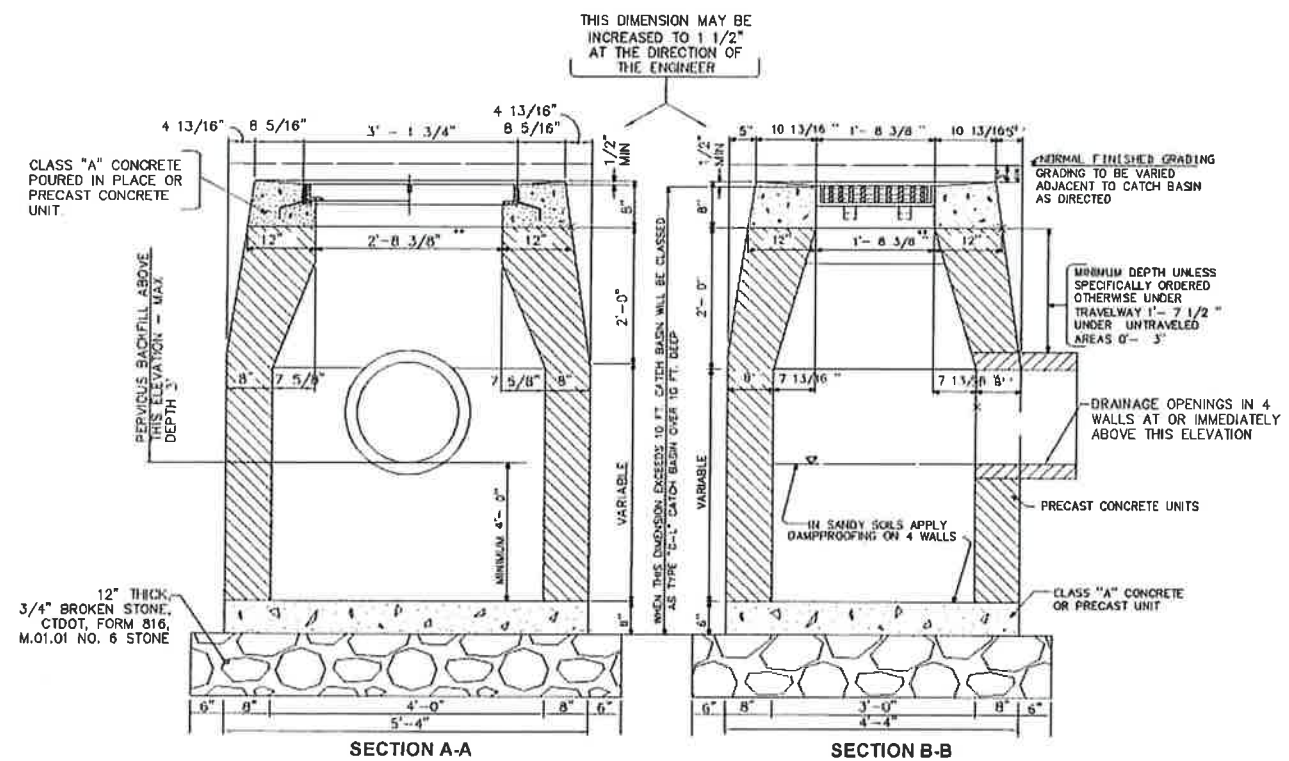
3 STORM SEWER MANHOLE
SC-8A SCALE: N.T.S.

- NOTES:**
1. PRECAST MANHOLE SHALL BE IN ACCORDANCE WITH ASTM C-478
 2. MANHOLE FRAMES & COVERS SHALL BE GRAY CAST IRON, ASTM A48, CLASS 35B COMPLYING WITH REQUIREMENTS OF FS RR-F-621
 - * 48" DIAMETER MANHOLE UNLESS OTHERWISE CALLED OUT ON PLANS. FOR 6" DIAMETER MANHOLES, WALL THICKNESS SHALL BE 7" MIN.
 3. MH FRAME AND COVER ON-SITE SHALL BE LEBARON FOUNDRY INC, COVER: L24C33-000 FRAME: LC240-2-000 OR APPROVED EQUAL. THE WORDS "STORM SEWER" SHALL BE CAST INTO THE COVER.
 4. YARD DRAIN FRAME AND GRATE SHALL BE LEBARON FOUNDRY INC, LAG24B-6-000 OR APPROVED EQUAL.
 5. FOR TOP SECTION LESS THAN 3'-0" USE RISER AND FLAT SLAB MH TOP CAPABLE OF WITHSTANDING H2O LOADING

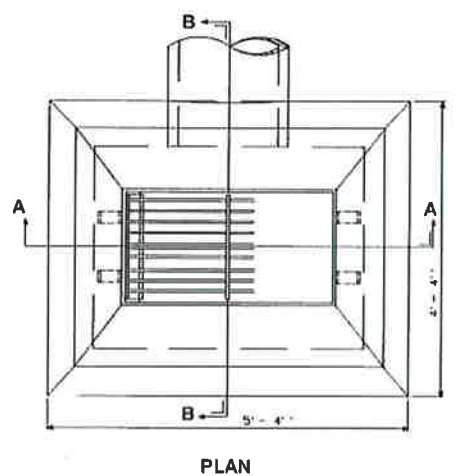


- NOTE**
1. COMPACT BACKFILL TO AT LEAST 95% OF MAXIMUM DENSITY PER ASTM D-1557

2 RCP STORM SEWER TRENCH SECTION
SC-8A SCALE: N.T.S.



1 TYPE "C-L" CATCH BASIN
SC-8A SCALE: N.T.S.



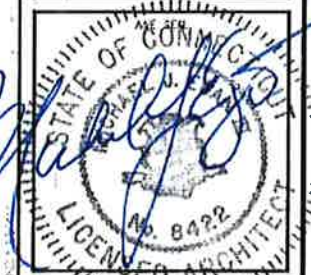
- NOTES:**
1. PRECAST CONCRETE UNITS SHALL CONFORM TO THE CTDOT STANDARD DRAWING 507-H "PRECAST CONCRETE CATCH BASIN TYPE 'C'."
 2. FOR CATCH BASIN FRAMES AND GRATES SEE DETAILS, THIS SHEET.
 3. WALLS OF CATCH BASINS OVER 10 FT DEEP TO BE INCREASED TO 12" THICKNESS. INSIDE DIMENSIONS TO REMAIN THE SAME
 4. INSTALL CATCH BASIN ON 12" THICK, 3/4" BROKEN STONE, CTDOT FORM B16 M.O.I.1, No. 6 STONE.

DESIGN EXHIBIT
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CELLCO PARTNERSHIP DBA



A&E FIRM
AECOM
500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
1-(800)-529-8882



PROJECT NO: 60404023
JOB NO: VZ5-191
DRAWN BY: KAP
CHECKED BY: MJE/JCA

ISSUED FOR

A	02-18-16	REVIEW
B	03-01-16	REVIEW
C	04-20-16	REVIEW
D	04-21-16	REVIEW
E	04-21-16	CSC SUBMITTAL
F	08-12-16	CSC SUBMITTAL

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LITCHFIELD CSP #07
TOWER REPLACEMENT
452 (438) BANTAM ROAD
LITCHFIELD, CONNECTICUT
06759

SCALE: AS NOTED

DRAINAGE DETAILS

SC-8A



N/F
LITCHFIELD LAND INC.
432 BANTAM ROAD
LITCHFIELD, CT 06759

N/F
LITCHFIELD GRANGE #107
435 BANTAM ROAD
LITCHFIELD, CT 06759

N/F
CTP ASSOCIATES LLC
439 BANTAM ROAD
LITCHFIELD, CT 06759

N/F
PETER C DOWLING
451 BANTAM ROAD
LITCHFIELD, CT 06759

N/F
HARRIS PLAINS MANAGEMENT LLC
457 BANTAM ROAD
LITCHFIELD, CT 06759

N/F
WILLIAM F DEACON JR
461 BANTAM ROAD
LITCHFIELD, CT 06759

SUBJECT PROPERTY
STATE OF CONNECTICUT
452 (438) BANTAM ROAD
LITCHFIELD, CT 06759

BANTAM RD

ONGLEY RD

HARRIS RD

1
SC-9 ABUTTERS MAP
SCALE: 1"=200'-0"

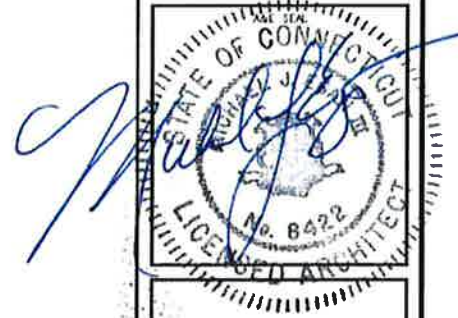


DESIGN EXHIBIT
THIS PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED FOR VISUAL REPRESENTATION OF THE TOWER REPLACEMENT.

CELLCO PARTNERSHIP
DBA



A/E FIRM
AECOM
500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-529-8882



PROJECT NO: 60404023

JOB NO: VZ5-191

DRAWN BY: KAP

CHECKED BY: MJE/ICA

ISSUED FOR		
A	02-18-16	REVIEW
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E	04-21-16	CSC SUBMITAL
F	08-12-16	CSC SUBMITAL

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LITCHFIELD CSP #07
TOWER REPLACEMENT
452 (438) BANTAM ROAD
LITCHFIELD, CONNECTICUT
06759

SCALE: AS NOTED

ABUTTERS MAP

SC-9

ATTACHMENT 2



C Squared Systems, LLC
65 Dartmouth Drive
Auburn, NH 03032
(603) 644-2800
support@csquaredsystems.com

Calculated Radio Frequency Emissions Report



Litchfield CT

438/452 Bantam Road, Litchfield, CT 06759

September 10, 2015

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1. Introduction

The purpose of this report is to investigate compliance with applicable FCC regulations for the proposed replacement of the existing lattice tower located at 438/452 Bantam Road in Litchfield, CT. All existing collocators (Verizon Wireless, Sprint, AT&T and multiple public safety operators) will be relocated to the new tower. The coordinates of the tower are 41° 44' 10.23" N, 73° 13' 05.00" W.

2. FCC Guidelines for Evaluating RF Radiation Exposure Limits

In 1985, the FCC established rules to regulate radio frequency (RF) exposure from FCC licensed antenna facilities. In 1996, the FCC updated these rules, which were further amended in August 1997 by OET Bulletin 65 Edition 97-01. These new rules include Maximum Permissible Exposure (MPE) limits for transmitters operating between 300 kHz and 100 GHz. The FCC MPE limits are based upon those recommended by the National Council on Radiation Protection and Measurements (NCRP), developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI).

The FCC general population/uncontrolled limits set the maximum exposure to which most people may be subjected. General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

Public exposure to radio frequencies is regulated and enforced in units of milliwatts per square centimeter (mW/cm^2). The general population exposure limits for the various frequency ranges are defined in the attached "FCC Limits for Maximum Permissible Exposure (MPE)" in Attachment B of this report.

Higher exposure limits are permitted under the occupational/controlled exposure category, but only for persons who are exposed as a consequence of their employment and who have been made fully aware of the potential for exposure, and they must be able to exercise control over their exposure. General population/uncontrolled limits are five times more stringent than the levels that are acceptable for occupational, or radio frequency trained individuals. Attachment B contains excerpts from OET Bulletin 65 and defines the Maximum Exposure Limit.

Finally, it should be noted that the MPE limits adopted by the FCC for both general population/uncontrolled exposure and for occupational/controlled exposure incorporate a substantial margin of safety and have been established to be well below levels generally accepted as having the potential to cause adverse health effects.

3. RF Exposure Prediction Methods

The emission field calculation results displayed in the following figures were generated using the following formula as outlined in FCC bulletin OET 65:

$$\text{Power Density} = \left(\frac{1.6^2 \times EIRP}{4\pi \times R^2} \right) \times \text{OffBeamLoss}$$

Where:

EIRP = Effective Isotropic Radiated Power

R = Radial Distance = $\sqrt{(H^2 + V^2)}$

H = Horizontal Distance from antenna in meters

V = Vertical Distance from radiation center of antenna in meters

Ground reflection factor of 1.6

Off Beam Loss is determined by the selected antenna patterns

These calculations assume that the antennas are operating at 100 percent capacity, that all antenna channels are transmitting simultaneously, and that the radio transmitters are operating at full power. As a result, the predicted signal levels reported below are much higher than the actual signal levels will be from the final site configuration.

4. Calculation Results

Table 1 below outlines the power density information for the site. Due to the directional nature of the antennas in use by Verizon Wireless, Sprint and AT&T, the majority of the RF power is focused out towards the horizon. As a result, there will be less RF power directed below these antennas relative to the horizon, and consequently lower power density levels around the base of the tower. Please refer to Attachments C, D and E for the vertical patterns of each carrier's antennas. The calculated results shown in Table 1 for Verizon Wireless, Sprint and AT&T include a nominal 10 dB off-beam pattern loss to account for the lower relative gain below the antennas. No off-beam pattern loss was used for the public safety operators.

Carrier	Antenna Height (Feet)	Operating Frequency (MHz)	Number of Trans.	ERP Per Transmitter (Watts)	Power Density (mw/cm ²)	Limit	%MPE
CSP/Control Stn 2	30	851	1	10	0.0040	0.5673	0.70%
CSP/Control Stn 1	30	851	1	10	0.0040	0.5673	0.70%
CSP/MW-Mohawk	175	6625	1	1	0.0000	1.0000	0.00%
DEMHS/Future	126	45.5	1	100	0.0023	0.2000	1.13%
DEMHS/Future	149	156	1	30	0.0005	0.2000	0.24%
LCD/ICALL/ITAC	25	866	1	35	0.0201	0.5773	3.49%
NEU/TTA	150	900	1	0	0.0000	0.6000	0.00%
LCD/Control Stn	25	158.88	1	45	0.0259	0.2000	12.94%
LCD/Mednet	170	158.88	1	125	0.0016	0.2000	0.78%
LCD/Town of Wash	170	158.775	1	45	0.0006	0.2000	0.28%
NEU/OS	150	936	1	0	0.0000	0.6240	0.00%
LCD/Dispatch	145	46.15	1	100	0.0017	0.2000	0.86%
NEU/900MHz TTA	170	900	1	0	0.0000	0.6000	0.00%
CSP/LB Hotline	180	45.86	1	35	0.0004	0.2000	0.19%
CSP/Digital Repeater	180	145.61	1	35	0.0004	0.2000	0.19%
NEU/OS	150	937	1	100	0.0016	0.6247	0.26%
LCD/Link	25	457.225	1	10	0.0058	0.3048	1.89%
LCD/Link	145	155	1	10	0.0002	0.2000	0.09%
LCD/Dispatch	172	155.1075	1	125	0.0015	0.2000	0.76%
LCD/Command	170	155.1225	1	0	0.0000	0.2000	0.00%
CSP/Troop L 700MHz TX	180	774	1	100	0.0011	0.5160	0.22%
CSP/Troop L 700MHz RX	180	804	1	0	0.0000	0.5360	0.00%
CSP/Troop L 700MHz RX	180	804	1	0	0.0000	0.5360	0.00%
CSP/Troop L 700MHz TTA	180	774	1	0	0.0000	0.5160	0.00%
Windload	180	6700	1	0	0.0000	1.0000	0.00%
Windload	180	6700	1	0	0.0000	1.0000	0.00%
Windload	180	6700	1	0	0.0000	1.0000	0.00%
Sprint CDMA	170	865	1	350	0.0004	0.5767	0.08%
Sprint CDMA/EVDO	170	1900	11	622	0.0085	1.0000	0.85%
Sprint LTE	170	865	1	875	0.0011	0.5767	0.19%
Sprint LTE	170	1900	1	3112	0.0039	1.0000	0.39%
Sprint LTE	170	2500	1	3112	0.0039	1.0000	0.39%
AT&T GSM	162	885	1	356	0.0005	0.5900	0.08%
AT&T UMTS	162	885	2	565	0.0015	0.5900	0.26%
AT&T UMTS	162	1900	2	875	0.0024	1.0000	0.24%
AT&T LTE	162	739	1	887	0.0012	0.4927	0.25%
AT&T LTE	162	739	1	951	0.0013	0.4927	0.26%
AT&T LTE	162	885	1	1117	0.0015	0.5900	0.26%
AT&T LTE	162	1900	1	1812	0.0025	1.0000	0.25%
AT&T LTE	162	2100	1	1942	0.0027	1.0000	0.27%
AT&T LTE	162	2300	1	2129	0.0029	1.0000	0.29%
Verizon CDMA/EVDO	150	875	9	364	0.0052	0.5833	0.90%
Verizon LTE	150	751	1	2287	0.0037	0.5007	0.73%
Verizon LTE	150	1900	1	4889	0.0078	1.0000	0.78%
Verizon LTE	150	2100	1	5360	0.0086	1.0000	0.86%
Total							32.04%

Table 1: Carrier Information^{1 2}

¹ The nominal 10 dB off-beam loss factor for Verizon, Sprint and AT&T was derived from the specific antennas for this site and their associated antenna patterns, which are presented in Attachments C, D and E. Antenna models for Verizon Wireless are based on the New Build Antenna Recommendation, dated August 27, 2015. Antenna models for Sprint are based on the CT33XC105 Forced Relocation RFDS, dated August 28, 2014. Antenna models for AT&T are based on the CTV1169 Rev. 1 RFDS, dated August 18, 2014.

² Please note that %MPE values listed are rounded to two decimal points. The total %MPE listed is a summation of each unrounded contribution. Therefore, summing each rounded value may not reflect the total value listed in the table.

5. Conclusion

The above analysis verifies that emissions from the final site configuration will be below the maximum power density levels as outlined by the FCC in the OET Bulletin 65 Ed. 97-01. The highest expected percent of Maximum Permissible Exposure at the base of the tower is **32.04% of the FCC Uncontrolled/General Population limit.**

As noted in the introduction, obstructions (trees, buildings etc.) that would normally attenuate the signal are not taken into account. As a result, the predicted signal levels are more conservative (higher) than the actual signal levels will be from the final site configuration.

6. Statement of Certification

I certify to the best of my knowledge that the statements in this report are true and accurate. The calculations follow guidelines set forth in ANSI/IEEE Std. C95.3, ANSI/IEE Std. C95.1 and FCC OET Bulletin 65 Edition 97-01.



Daniel L. Goulet
C Squared Systems, LLC

September 10, 2015

Date

Attachment A: References

OET Bulletin 65 - Edition 97-01 - August 1997 Federal Communications Commission Office of Engineering & Technology

ANSI C95.1-1982, American National Standard Safety Levels With Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 300 kHz to 100 GHz IEEE-SA Standards Board

IEEE Std C95.3-1991 (Reaff 1997), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave IEEE-SA Standards Board

Attachment B: FCC Limits for Maximum Permissible Exposure (MPE)

(A) Limits for Occupational/Controlled Exposure³

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (E) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	-	-	f/300	6
1500-100,000	-	-	5	6

(B) Limits for General Population/Uncontrolled Exposure⁴

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (E) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	-	-	f/1500	30
1500-100,000	-	-	1.0	30

f = frequency in MHz * Plane-wave equivalent power density

Table 2: FCC Limits for Maximum Permissible Exposure (MPE)

³ Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

⁴ General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

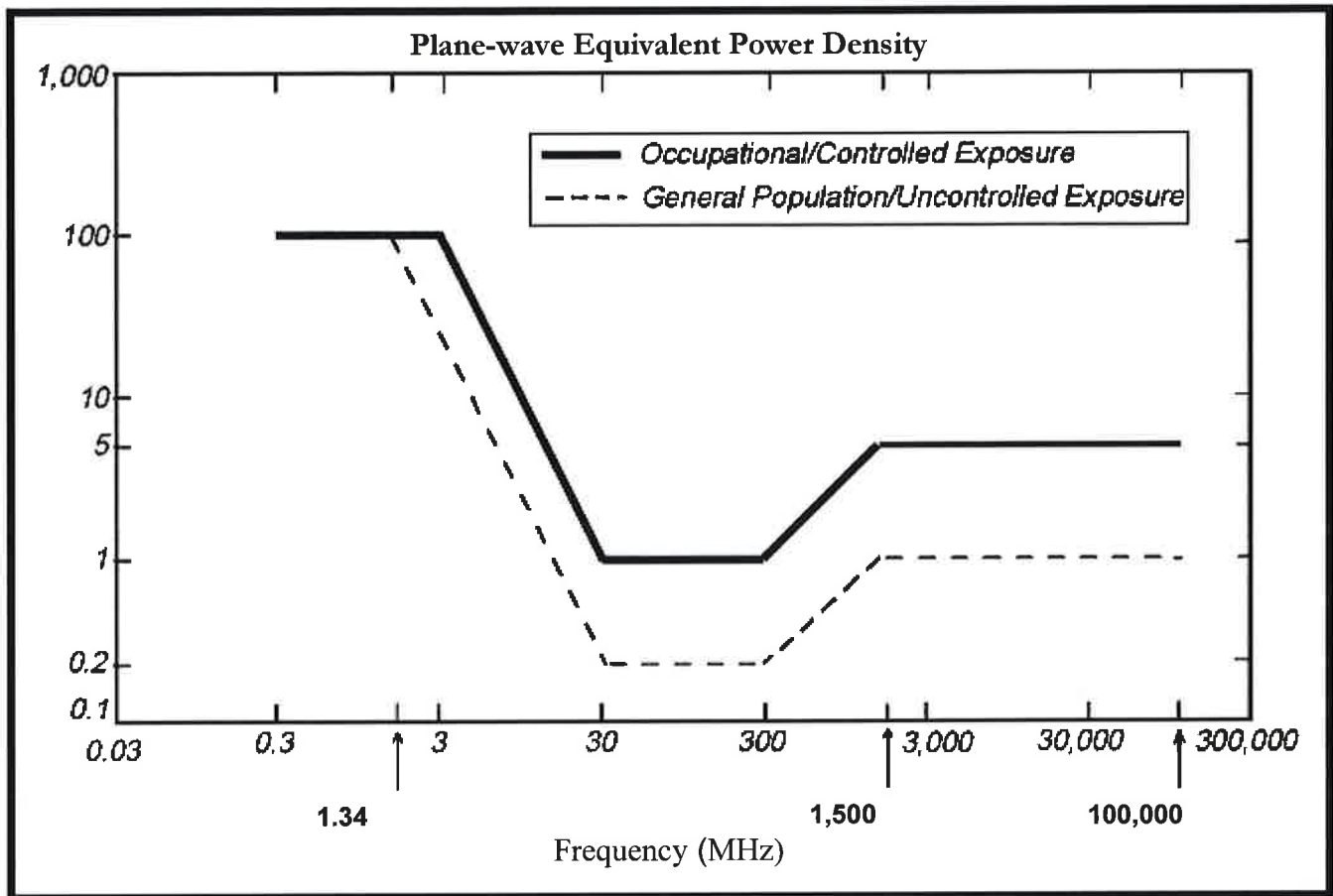
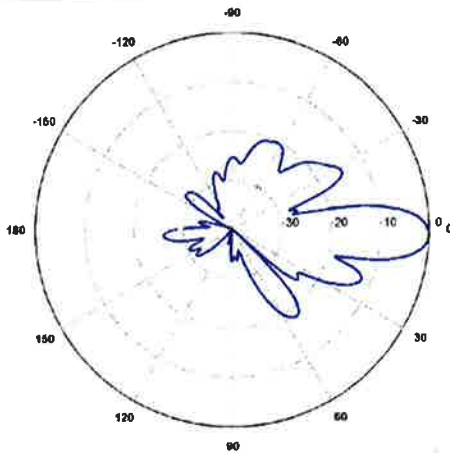
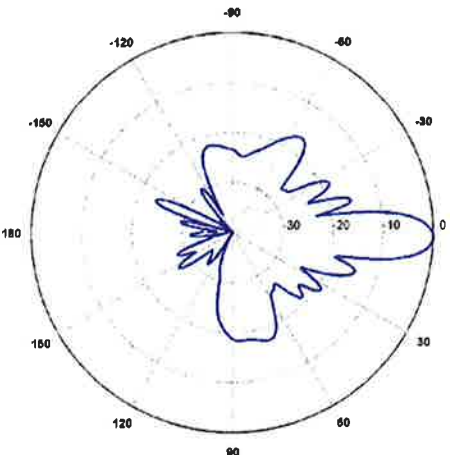
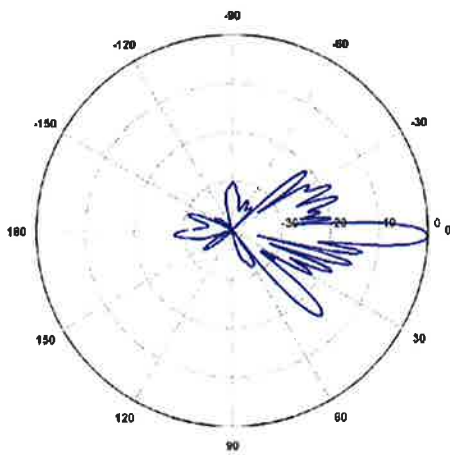


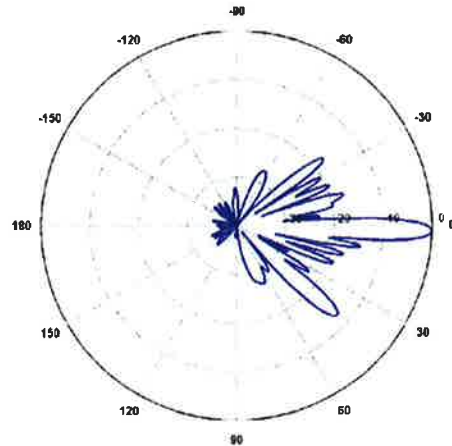
Figure 1: Graph of FCC Limits for Maximum Permissible Exposure (MPE)

Attachment C: Verizon Wireless' Antenna Model Data Sheets and Electrical Patterns

<p>751 MHz LTE</p> <p>Manufacturer: Commscope Model #: SBNHH-1D65B_2 Frequency Band: 698-806 MHz Gain: 12.8 dBd Vertical Beamwidth: 12.1° Horizontal Beamwidth: 68° Polarization: ±45° Size L x W x D: 72.9" x 11.9" x 7.1"</p>	
<p>875 MHz CDMA/EVDO</p> <p>Manufacturer: Commscope Model #: SBNHH-1D65B_2 Frequency Band: 806-896 MHz Gain: 12.6 dBd Vertical Beamwidth: 10.7° Horizontal Beamwidth: 66° Polarization: ±45° Size L x W x D: 72.9" x 11.9" x 7.1"</p>	
<p>1900 MHz LTE</p> <p>Manufacturer: Commscope Model #: SBNHH-1D65B_2 Frequency Band: 1850-1990 MHz Gain: 16.1 dBd Vertical Beamwidth: 5.2° Horizontal Beamwidth: 66° Polarization: ±45° Size L x W x D: 72.9" x 11.9" x 7.1"</p>	

2100 MHz LTE

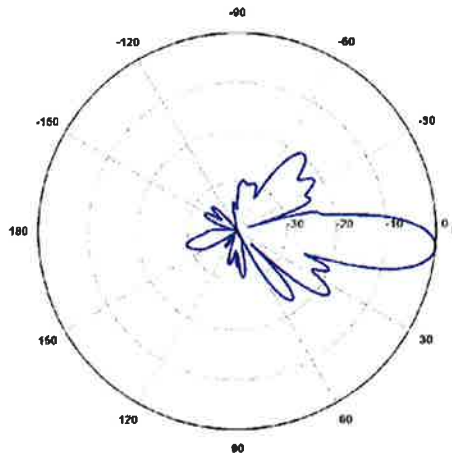
Manufacturer: Commscope
 Model #: SBNHH-1D65B_2
 Frequency Band: 1900-2170 MHz
 Gain: 16.5 dBd
 Vertical Beamwidth: 5.0°
 Horizontal Beamwidth: 63°
 Polarization: ±45°
 Size L x W x D: 72.9" x 11.9" x 7.1"



Attachment D: Sprint's Antenna Model Data Sheets and Electrical Patterns

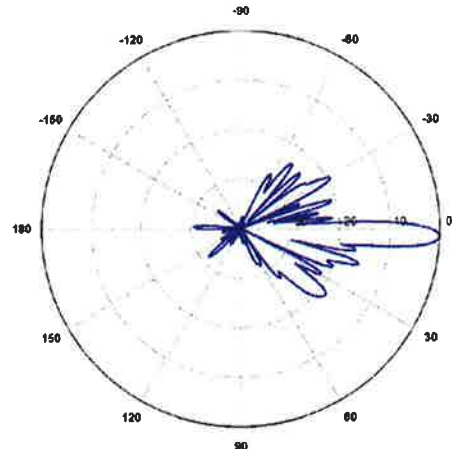
865 MHz CDMA/LTE

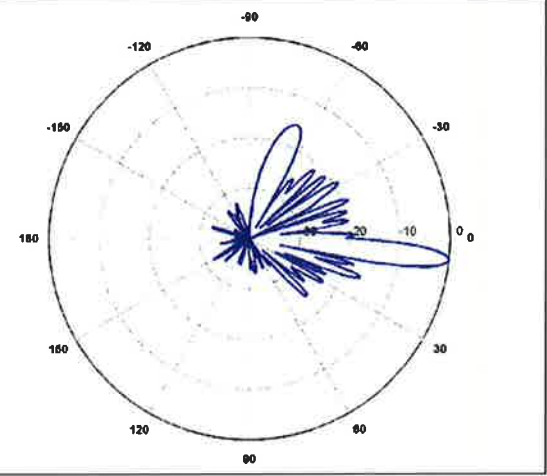
Manufacturer: RFS
 Model #: APXVSP18-C-A20_5
 Frequency Band: 806-869 MHz
 Gain: 13.4 dBd
 Vertical Beamwidth: 11.5°
 Horizontal Beamwidth: 65°
 Polarization: Dual Pol ±45°
 Size L x W x D: 72.0" x 11.8" x 7.0"



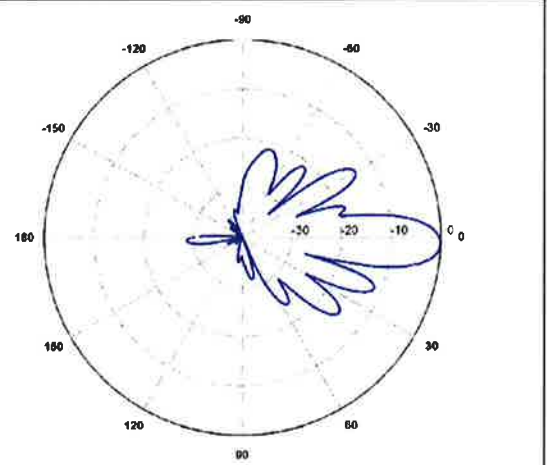
1900 MHz CDMA/EVDO/LTE

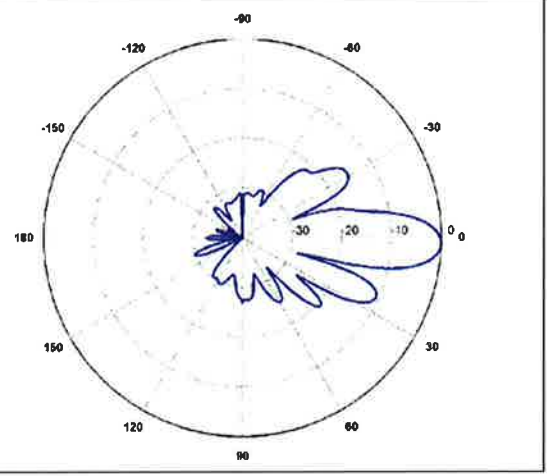
Manufacturer: RFS
 Model #: APXVSP18-C-A20_2
 Frequency Band: 1850-1995 MHz
 Gain: 15.9 dBd
 Vertical Beamwidth: 5.5°
 Horizontal Beamwidth: 65°
 Polarization: Dual Pol ±45°
 Size L x W x D: 72.0" x 11.8" x 7.0"



<p>2500 MHz LTE</p> <p>Manufacturer: RFS Model #: APXVTM14-ALU-I20_6 Frequency Band: 2490-2600 MHz Gain: 15.9 dBd Vertical Beamwidth: 5.0° Horizontal Beamwidth: 65° Polarization: Dual Pol ±45° Size L x W x D: 56.3" x 12.6" x 6.3"</p>	
---	--

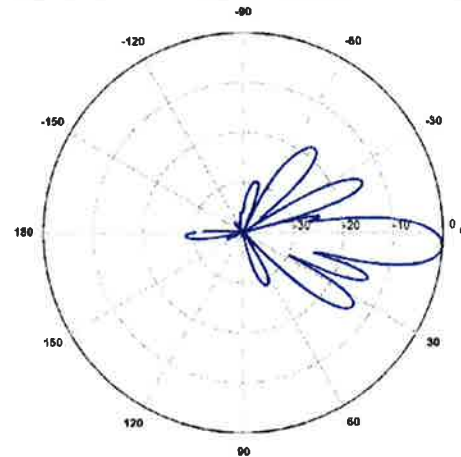
Attachment E: AT&T's Antenna Model Data Sheets and Electrical Patterns

<p>739 MHz LTE</p> <p>Manufacturer: CCI Model #: OPA-65R-LCUU-H6_2 Frequency Band: 698-787 MHz Gain: 11.7 dBd Vertical Beamwidth: 12.2° Horizontal Beamwidth: 66° Polarization: Dual Pol ±45° Size L x W x D: 72.0" x 14.8" x 7.4"</p>	
--	---

<p>739 MHz LTE</p> <p>Manufacturer: CCI Model #: HPA-65R-BUU-H6_2 Frequency Band: 698-806 MHz Gain: 12.0 dBd Vertical Beamwidth: 12.5° Horizontal Beamwidth: 66° Polarization: Dual Pol ±45° Size L x W x D: 72.0" x 14.8" x 7.4"</p>	
---	--

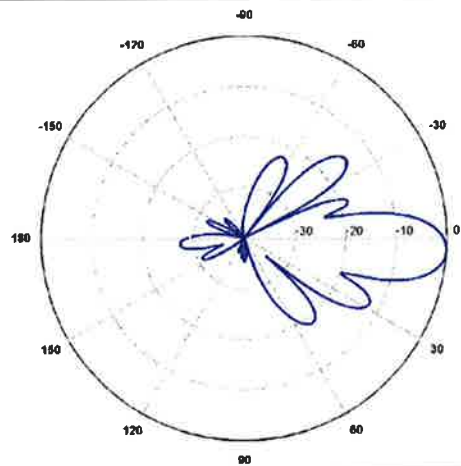
885 MHz GSM

Manufacturer: CCI
 Model #: OPA-65R-LCUU-H6_4
 Frequency Band: 824-894 MHz
 Gain: 12.5 dBd
 Vertical Beamwidth: 10.3°
 Horizontal Beamwidth: 61°
 Polarization: Dual Pol $\pm 45^\circ$
 Size L x W x D: 72.0" x 14.8" x 7.4"



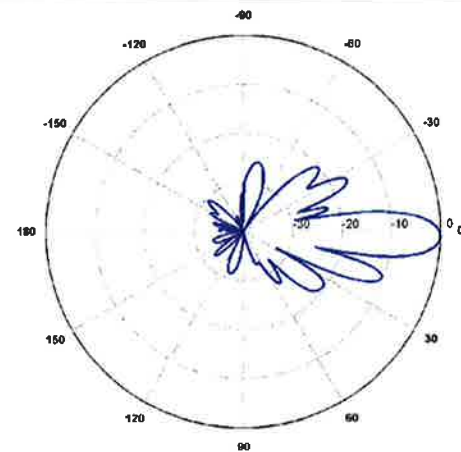
885 MHz UMTS

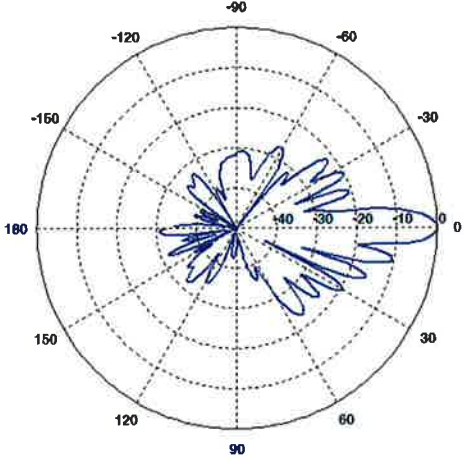
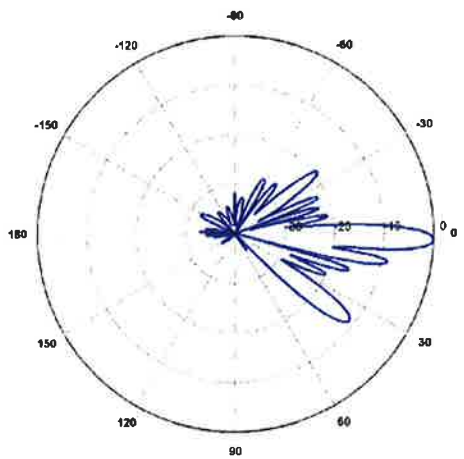
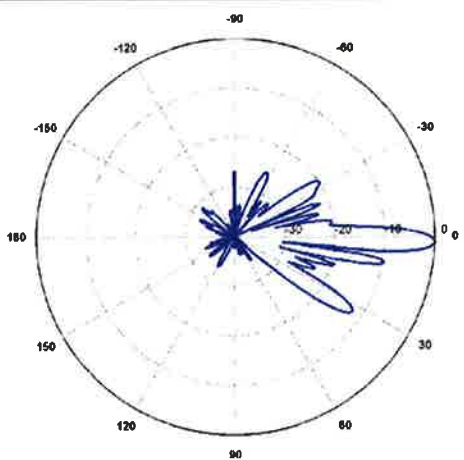
Manufacturer: Powerwave
 Model #: 7770.00_4
 Frequency Band: 824-896 MHz
 Gain: 11.5 dBd
 Vertical Beamwidth: 15.0°
 Horizontal Beamwidth: 82°
 Polarization: Dual Linear $\pm 45^\circ$
 Size L x W x D: 63.0" x 11.0" x 5.0"



885 MHz LTE

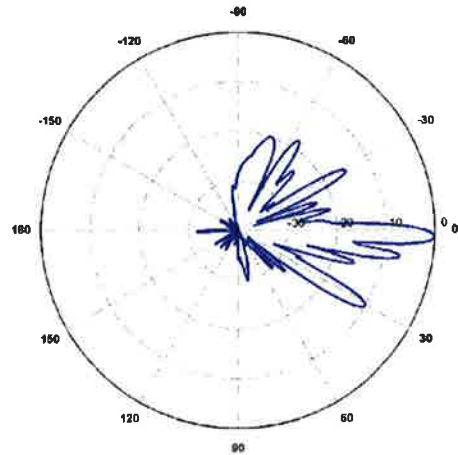
Manufacturer: CCI
 Model #: HPA-65R-BUU-H6_2
 Frequency Band: 824-894 MHz
 Gain: 12.7 dBd
 Vertical Beamwidth: 10.5°
 Horizontal Beamwidth: 65°
 Polarization: Dual Pol $\pm 45^\circ$
 Size L x W x D: 72.0" x 14.8" x 7.4"



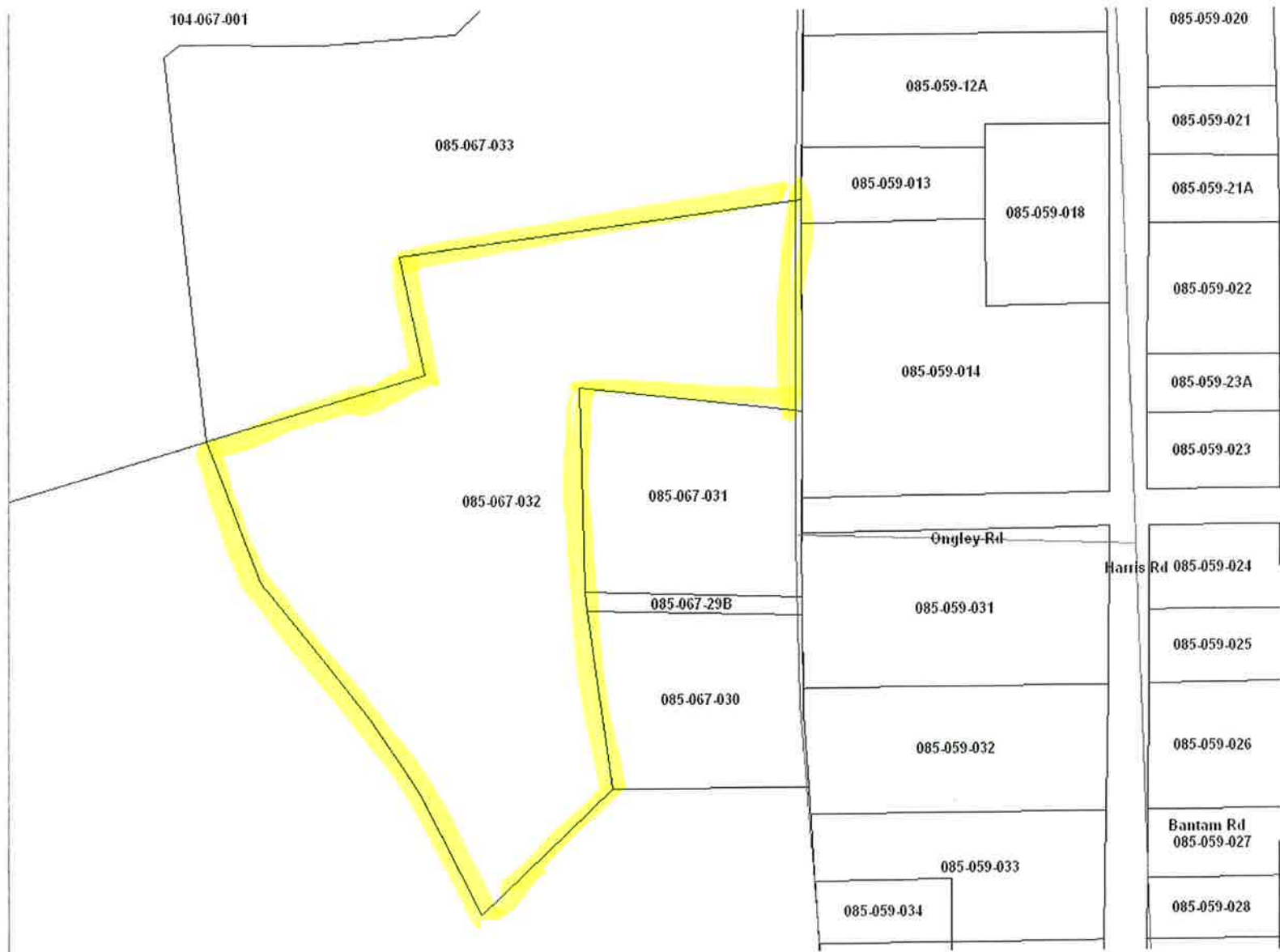
<p>1900 MHz UMTS</p> <p>Manufacturer: Powerwave Model #: 7770.00_0 Frequency Band: 1850-1990 MHz Gain: 13.4 dBd Vertical Beamwidth: 7.0° Horizontal Beamwidth: 86° Polarization: Dual Linear ±45° Size L x W x D: 63.0" x 11.0" x 5.0"</p>	
<p>1900 MHz LTE</p> <p>Manufacturer: CCI Model #: HPA-65R-BUU-H6_2 Frequency Band: 1850-1990 MHz Gain: 14.8 dBd Vertical Beamwidth: 5.7° Horizontal Beamwidth: 61° Polarization: Dual Pol ±45° Size L x W x D: 72.0" x 14.8" x 7.4"</p>	
<p>2100 MHz LTE</p> <p>Manufacturer: CCI Model #: HPA-65R-BUU-H6_2 Frequency Band: 2110-2170 MHz Gain: 15.1 dBd Vertical Beamwidth: 5.1° Horizontal Beamwidth: 62° Polarization: Dual Pol ±45° Size L x W x D: 72.0" x 14.8" x 7.4"</p>	

2300 MHz LTE

Manufacturer: CCI
Model #: OPA-65R-LCUU-H6_2
Frequency Band: 2305-2360 MHz
Gain: 15.5 dBd
Vertical Beamwidth: 4.5°
Horizontal Beamwidth: 60°
Polarization: Dual Pol ±45°
Size L x W x D: 72.0" x 14.8" x 7.4"



ATTACHMENT 3



85-67-29

CONSTRUCTION DETAIL		CONSTRUCTION DETAIL (CONTINUED)	
Element	Cd. Ch.	Description	Description
60		Jail	
94		Comm/Ind	
05		B-	
2		Stories	
1		Occupancy	
20		Exterior Wall 1	
20		Exterior Wall 2	
04		Roof Structure	
03		Roof Cover	
05		Interior Wall 1	
05		Interior Wall 2	
05		Interior Floor 1	
05		Interior Floor 2	
02		Heating Fuel	
04		Heating Type	
03		Central Air	
0		Sprinkler %	
920		Bldg Use	
0		Total Rooms	
0		Full Baths	
0		Half Baths	
0		Extra Fixtures	
0		Total Fixtures	
01		Heat/AC	
04		Frame Type	
02		Baths/Plumbing	
0		Common Wall	
10		Wall Height	
1280		Perimeter	

OB-BUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)												
Code	Description	Sub	Sub Description	L/B	Units	Unit Price	Yr.	Gde	Dp Rt	Cnd	%Cnd	Apr Value
FCP	Carport	L		2,000	10.00	2012	C	A	50	10,000		
CTWR	Cell Tower	L		3	205,200.00	2012	C	A	100	615,600		
SHD1	Shed	L	MS Masonry	72	10.00	2012	C	A	50	360		
SHD1	Shed	L	MS Masonry	180	10.00	2012	C	A	50	900		
SPRI	Sprinklers-Wet	B		12,580	0.80	2001			2	100	8,860	

BUILDING SUB-AREA SUMMARY SECTION						
Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprac. Value
BAS	First Floor	20,116	20,116			4,674,323
CAN	Canopy	0	624			14,407
FBM	Finished Basement	0	12,580			2,046,236
Ttl. Gross Liv/Lease Area:		20,116	33,320	28,984		6,734,966



CURRENT OWNER		UTILITIES		STRT./ROAD		LOCATION		CURRENT ASSESSMENT	
Year	Type	Amount	Code	Description	Yr.	Code	Assessed Value	Yr.	Code
2015	EX COM LN	784,200	21	EX COM LN	2015	21	548,940	2015	21
2015	EX COM BL	6,822,520	22	EX COM BL	2015	22	4,775,760	2015	22
2015	EX CM OTB	686,880	25	EX CM OTB	2015	25	480,820	2015	25
Total		8,293,600			Total		5,805,520		

VISION

6074
LITCHFIELD, CT

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2014	21	548,940	2013	21	548,940
2014	22	4,775,760	2013	22	4,775,760
2014	25	480,820	2013	25	480,820
Total:		5,805,520	Total:		5,805,520

OTHER ASSESSMENTS

Year	Type	Description	Number	Amount	Comm. Int.
Total:					

ASSESSING NEIGHBORHOOD

Street Index Name: Tracing

Batch:

NOTES

11/12 CT STATE POLICE TROUP L
 IA
 1 GAS PUMP, 2 NOZZLES
 ATT CELL, CELL BLDG
 CELL TOWER HEIGHT EST

EXEMPTIONS

Year	Type	Description	Amount
Total:			

RECORD OF OWNERSHIP

CONNECTICUT STATE OF

BK-VOL/PAGE: 182/ 282 SALE DATE: 09/16/1985 U I SALE PRICE: V.C. 0 25

APRAISED VALUE SUMMARY

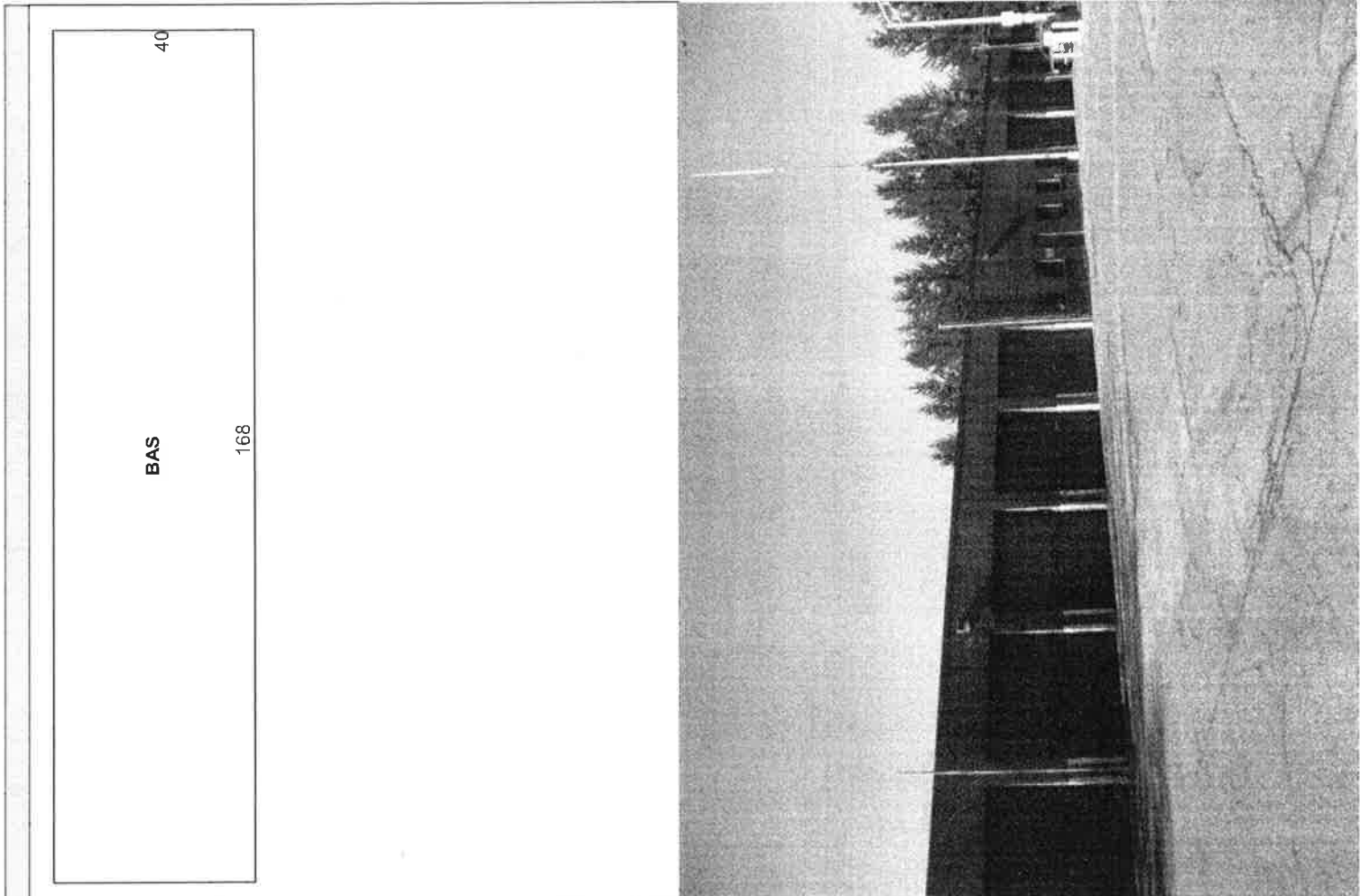
Appraised Bldg. Value (Card)	Appraised XF (B) Value (Bldg)	Appraised OB (L) Value (Bldg)	Appraised Land Value (Bldg)	Special Land Value	Total Appraised Parcel Value
5,926,770	8,860	626,860	0	0	8,293,600
Valuation Method:					C
Adjustment:					0
Net Total Appraised Parcel Value					8,293,600

BUILDING PERMIT RECORD

Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments

LAND LINE VALUATION SECTION

B Use #	Code	Use Description	Zone	D	Front Depth	Units	Unit Price	I. Factor	S.A.	C. Factor	ST. Idx	Notes- Adj.	S Adj Fact	Adj. Unit Price	Land Value
2	920	Exempt Comm	9			0.00 AC	0.00	1.00000		1.00	0.00	0.00	.00		0
Total Card Land Units: 0.00 AC Parcel Total Land Area: 10.92 AC Total Land Value: 0															



CONSTRUCTION DETAIL		CONSTRUCTION DETAIL (CONTINUED)										
Element	Cd. Ch.	Description	Description									
Style	25	Comm Garage										
Model	94	Comm/Ind										
Grade	07	B+										
Stories	1											
Occupancy	1											
Exterior Wall 1	20	Brick	MIXED USE									
Exterior Wall 2	01	Flat	Percentage 100									
Roof Structure	04	Tar & Gravel										
Roof Cover	01	Minimum										
Interior Wall 1	03	Concrete										
Interior Wall 2	02	Oil										
Interior Floor 1	04	Forced Hot Air										
Interior Floor 2	06	Partial										
Heating Fuel	0	Exempt Comm										
Heating Type	920											
Central Air	0											
Sprinkler %	0											
Bldg Use	0											
Total Rooms	0											
Full Baths	0											
Half Baths	1											
Extra Fixtures	0											
Total Fixtures	2											
Heat/AC	05	Typical										
Frame Type	04	Reinf. Concr										
Baths/Plumbing	02	Average										
Common Wall	0											
Wall Height	12											
Perimeter	416											
COST/MARKET VALUATION												
Adj. Base Rate:		83.60										
Replace Cost		561,789										
AYB		1949										
EYB		1981										
Dep Code		G										
Remodel Rating		0										
Year Remodeled		32										
Dep %		0										
Functional Obslnc		0										
External Obslnc		0										
Cost Trend Factor		1										
Status		0										
% Complete		68										
Overall % Cond		382,020										
Apprais Val		0										
Dep % Ovr		0										
Dep Ovr Comment		0										
Misc Imp Ovr		0										
Misc Imp Ovr Comment		0										
Cost to Cure Ovr		0										
Cost to Cure Ovr Comment		0										
OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)												
Code	Description	Sub	Sub Description	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
PAV1	Paving	AS	Asphalt	L	108,410.90	2012	C	A	50		50	48,780
LT1	Lights	L		L	2	690.00	2012	C	A	50	50	690
LT2	W/Double Ligh	L		L	1	1,100.00	2012	C	A	50	50	550
A/C	Air Condition	B		B	400	2.00	1981		2	100	100	540
BUILDING SUB-AREA SUMMARY SECTION				Living Area		6,720						
BUILDING SUB-AREA SUMMARY SECTION				Gross Area		6,720						
BUILDING SUB-AREA SUMMARY SECTION				Eff. Area								
BUILDING SUB-AREA SUMMARY SECTION				Unit Cost								561,789
BUILDING SUB-AREA SUMMARY SECTION				Undeprac. Value								
BUILDING SUB-AREA SUMMARY SECTION				Tot. Gross Liv/Lease Area:		6,720						561,789

BAS
168
40

TOPO.	UTILITIES	STRT./ROAD	LOCATION
1 High	2 Water	1 Paved	1 A
	3 Sewer		
	5 Electric		

Other ID: 085-067-032
 District 3
 Census Tract C202
 Zoning SFLA
 Neighborhood 110
 Reval Nbrhd 0
 GIS ID: ASSOC PID# 10.92

RECORD OF OWNERSHIP	BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.
CONNECTICUT STATE OF	182/282	09/16/1985	U	1		0 25

EXEMPTIONS			
Year	Type	Description	Amount
ASSESSING NEIGHBORHOOD			
	NBHD/SUB	Street Index Name	Tracing
	0001/A		
NOTES			

OTHER ASSESSMENTS			
Yr.	Code	Description	Amount
2015	21		
2015	22		
2015	25		
Total:			5,805,520

CURRENT ASSESSMENT			
Code	Description	Appraised Value	Assessed Value
21	EX COM LN	784,200	548,940
22	EX COM BL	6,822,520	4,775,760
25	EX CM OTB	686,880	480,820
Total			8,293,600

PREVIOUS ASSESSMENTS (HISTORY)			
Yr.	Code	Description	Assessed Value
2013	21		548,940
2013	22		4,775,760
2013	25		480,820
Total:			5,805,520

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

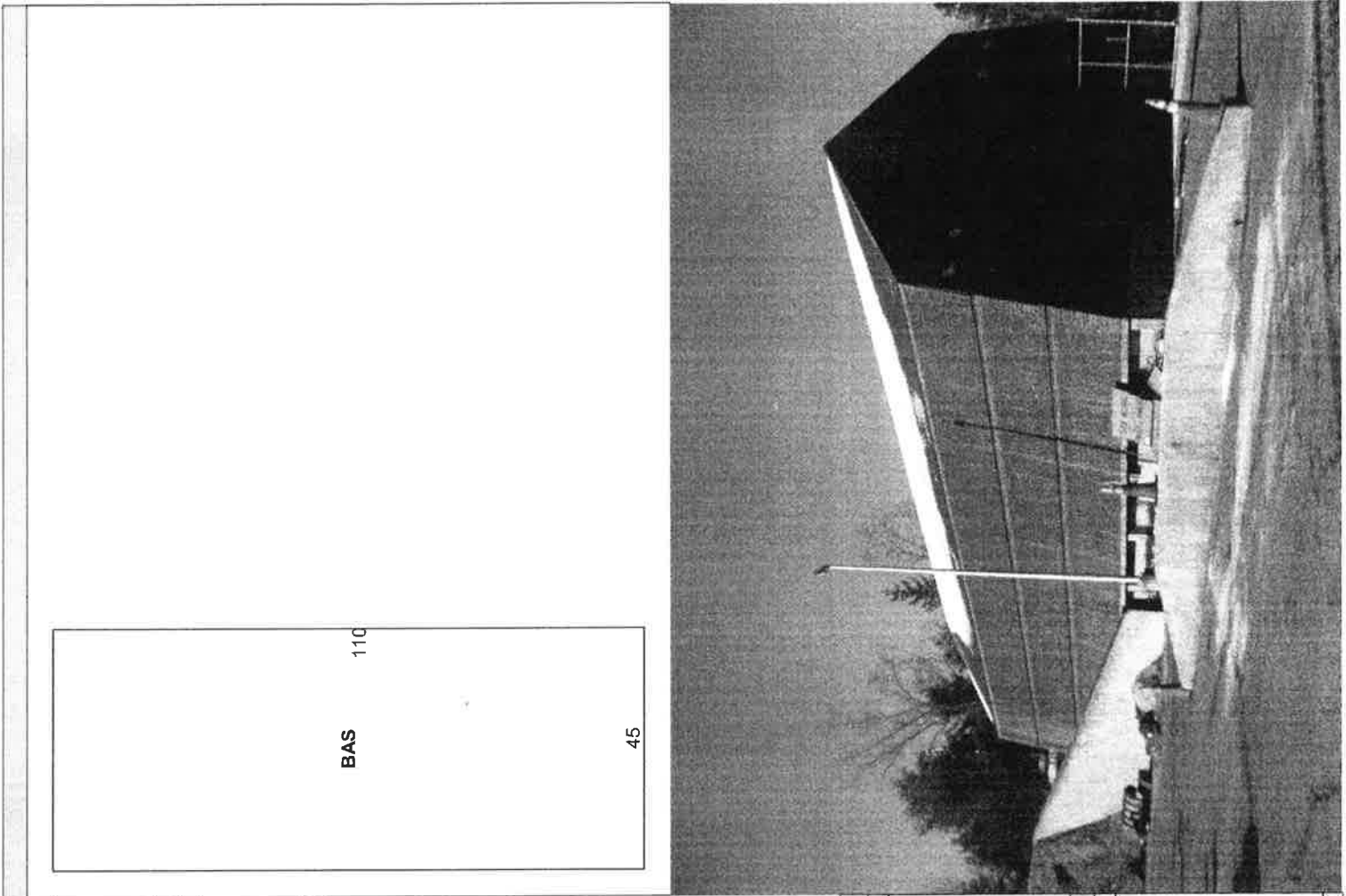
APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
	Appraised XF (B) Value (Bldg)	540	4,775,760
	Appraised OB (L) Value (Bldg)	50,020	480,820
	Appraised Land Value (Bldg)	784,200	
	Special Land Value	0	
	Total Appraised Parcel Value	8,293,600	
	Valuation Method:		
	Adjustment:		
	Net Total Appraised Parcel Value	8,293,600	

BUILDING PERMIT RECORD			
Permit ID	Issue Date	Type	Description

LAND LINE VALUATION SECTION			
B #	Use Description	Zone	Depth
1	920 Exempt Comm	9	3
1	920 Exempt Comm	9	3

VISIT/CHANGE HISTORY			
Date	Type	IS	ID
05/28/2013			JG
11/15/2012			ES
11/09/2012			SM
10/31/2012			SM

APPRAISED VALUE SUMMARY			
Code	Description	Value	Assessed Value
	Appraised Bldg. Value (Card)	382,020	548,940
</			



CONSTRUCTION DETAIL		Element	Cd.	Ch.	Description							
46	Storage Building											
94	Comm/Ind											
08	A-											
1	Stories											
1	Occupancy											
14	Exterior Wall 1	Wood Shingle										
14	Exterior Wall 2											
06	Roof Structure	Mansard										
14	Roof Cover	Arch Shingles										
00	Interior Wall 1	Typical										
00	Interior Wall 2											
03	Interior Floor 1	Concrete										
00	Interior Floor 2											
00	Heating Fuel	None										
01	Heating Type	None										
01	Central Air	None										
0	Sprinkler %											
920	Bldg Use	Exempt Comm										
0	Total Rooms											
0	Full Baths											
0	Half Baths											
0	Extra Fixtures											
0	Total Fixtures											
00	Heat/AC	None										
02	Frame Type	Wood Frame										
02	Baths/Plumbing	Average										
0	Common Wall											
30	Wall Height											
310	Perimeter											
OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)												
Code	Description	Sub	Units	Unit Price	Yr	Gde	Dp	Rt	Cnd	%Cnd	Apr	Apr Value
BUILDING SUB-AREA SUMMARY SECTION												
Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprc. Value						
BAS	First Floor	4,950	4,950	4,950		228,645						
Ttl. Gross Liv/Lease Area:		4,950	4,950	4,950		228,645						

BAS	110
45	

TOPO.	UTILITIES	STRT./ROAD	LOCATION	DESCRIPTION	CURRENT ASSESSMENT	ASSESSED VALUE
1 High	2 Water	1 Paved	1 A		Code	784,200
	3 Sewer			EX COM LN	21	548,940
	5 Electric			EX COM BL	22	4,775,760
				EX CM OTB	25	480,820
SUPPLEMENTAL DATA						
Other ID:	085-067-032	Parent ID				
District	3	Asking \$				
Census Tract	490	SFLA				
Zoning	C202	Lot Size	10.92			
Neighborhood	110	ASSOC PID#				
Reval Nbhd	0					
GIS ID:						

RECORD OF OWNERSHIP	BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.
CONNECTICUT STATE OF	182/ 282	09/16/1985	U	1	0	25

PREVIOUS ASSESSMENTS (HISTORY)						
Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.
2015	21	548,940	2014	21	548,940	2013
2015	22	4,775,760	2014	22	4,775,760	2013
2015	25	480,820	2014	25	480,820	2013
Total:		5,805,520	Total:		5,805,520	5,805,520

OTHER ASSESSMENTS						
Year	Type	Description	Code	Number	Amount	Comm. Int.
ASSESSING NEIGHBORHOOD						
	NBHD/SUB	Street Index Name		Tracing		
	0001/A					
NOTES						
CT DOT						
SAND/SALT SHED						

EXEMPTIONS						
Year	Type	Description	Code	Number	Amount	Comm. Int.
APPRAISED VALUE SUMMARY						
Appraised Bldg. Value (Card)						
Appraised XF (B) Value (Bldg)						
Appraised OB (L) Value (Bldg)						
Appraised Land Value (Bldg)						
Special Land Value						
Total Appraised Parcel Value						
Valuation Method:						
Adjustment:						
Net Total Appraised Parcel Value						

BUILDING PERMIT RECORD						
Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.

VISIT/CHANGE HISTORY						
Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.
	05/28/2013	JG	Field Review			
	11/15/2012	ES	Quality Control			
	11/09/2012	SM	Measure & Listed			
	10/31/2012	SM	Exterior Inspection Only			

LAND LINE VALUATION SECTION						
B Use Code	Use Description	Zone	D Front Depth	Units	Unit Price	ST. Idx
4 920	Exempt Comm	9		0.00 AC	0.00	1.0000
Total Card Land Units: 0.00 AC Parcel Total Land Area: 10.92 AC						

VISION

6074
LITCHFIELD, CT

Total Land Value: 0

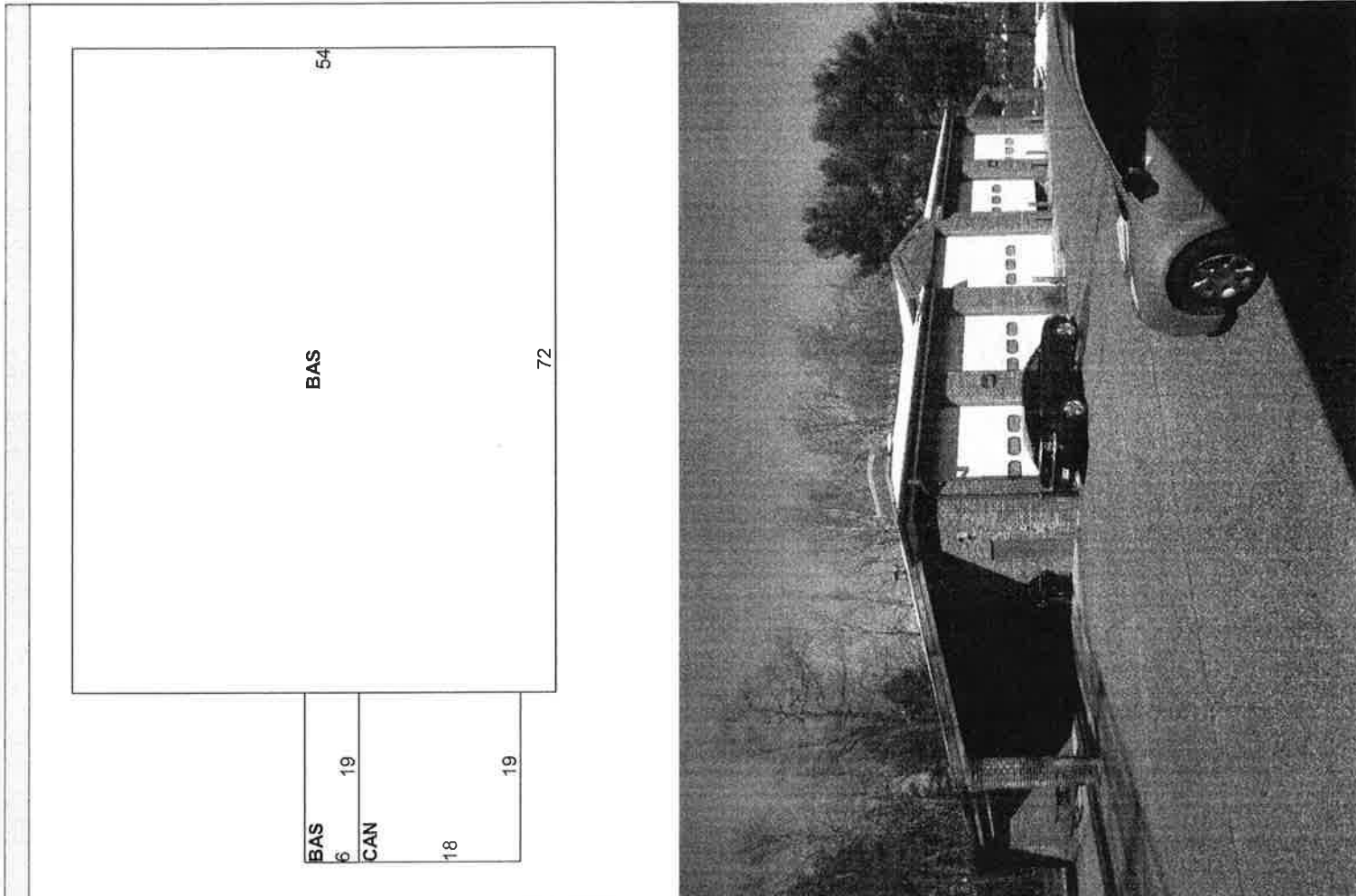
Total Land Value: 8,293,600

Total Land Value: 8,293,600

Total Land Value: 8,293,600

Total Land Value: 8,293,600

Total Land Value: 8,293,600



CONSTRUCTION DETAIL		CONSTRUCTION DETAIL (CONTINUED)									
Element	Cd. Ch.	Element	Description								
Style	25										
Model	94		Comm Garage								
Grade	06		Comm/Ind								
Stories	1		B								
Occupancy	1		Brick								
Exterior Wall 1	20		Exempt Comm								
Exterior Wall 2			100								
Roof Structure	01										
Roof Cover	02										
Interior Wall 1	01										
Interior Wall 2											
Interior Floor 1	03										
Interior Floor 2											
Heating Fuel	03										
Heating Type	04										
Central Air	01										
Sprinkler %	0										
Bldg Use	920										
Total Rooms	0										
Full Baths	0										
Half Baths	0										
Extra Fixtures	0										
Total Fixtures	0										
Heat/AC	00										
Frame Type	04										
Baths/Plumbing	02										
Common Wall	0										
Wall Height	12										
Perimeter	252										
COST/MARKET VALUATION											
Adj. Base Rate:		85.35									
Replace Cost		344,457									
AYB		1989									
EYB		2001									
Dep Code		G									
Remodel Rating		0									
Year Remodeled		12									
Dep %		0									
Functional Obslnc		0									
External Obslnc		0									
Cost Trend Factor		0									
Status		0									
% Complete		88									
Overall % Cond		303,120									
Apprais Val		0									
Dep % Ovr		0									
Dep Ovr Comment		0									
Misc Imp Ovr		0									
Misc Imp Ovr Comment		0									
Cost to Cure Ovr		0									
Cost to Cure Ovr Comment											
OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)											
Code	Description	Sub	Units	Unit Price	Yr	Gde	Dp	Rt	Cnd	%Cnd	Apr Value
CNPG	Gas Canopy	L	625	15.00	1989	C			A	50	4,690
LT1	Lights	L	9	690.00	2012	C			A	50	3,110
LT2	W/Double Ligh	L	4	1,100.00	2012	C			A	50	2,200
BUILDING SUB-AREA SUMMARY SECTION											
Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprac. Value					
BAS	First Floor	4,002	4,002	342		341,555					
CAN	Canopy	0				2,902					
Ttl. Gross Liv/Lease Area:		4,002	4,344	4,036		344,457					

BAS	6	19	54
CAN			
	18		
		19	72

CURRENT OWNER		UTILITIES		STRT./ROAD		LOCATION		CURRENT ASSESSMENT			
CONNECTICUT STATE OF	TOPO.	Water	Sewer	Electric	1 Paved	1 A	Description	Code	Appraised Value	Assessed Value	
24 WOLCOTT HILL RD	1 (High)	2	3	5			EX COM LN	21	784,200	548,940	
WETHERSFIELD, CT 06109-1152							EX COM BL	22	6,822,520	4,775,760	
Additional Owners:							EX CM OTB	25	686,880	480,820	
SUPPLEMENTAL DATA											
Other ID: 085-067-032		Parent ID		ASKING \$		SFLA		Lot Size		ASSOC PID#	
District 3		490		10.92							
Census Tract C202		Neighborhood 110		Reval Nbhd 0		GIS ID:					
Total:		8,293,600		5,805,520							

RECORD OF OWNERSHIP		BK-VOL/PAGE		SALE DATE		w/ SALE PRICE		V.C.			
CONNECTICUT STATE OF		182/ 282		09/16/1985		U I		0 25			
PREVIOUS ASSESSMENTS (HISTORY)											
Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2015	21	548,940	2014	21	548,940	2013	21	548,940	2013	21	548,940
2015	22	4,775,760	2014	22	4,775,760	2013	22	4,775,760	2013	22	4,775,760
2015	25	480,820	2014	25	480,820	2013	25	480,820	2013	25	480,820
Total:		5,805,520		Total:		5,805,520		Total:		5,805,520	

This signature acknowledges a visit by a Data Collector or Assessor

EXEMPTIONS		OTHER ASSESSMENTS	
Year	Type	Description	Amount
ASSESSING NEIGHBORHOOD			
NBHD/SUB		Street Index Name	Tracing
0001/A			
NOTES			
Appraised Bldg. Value (Card) 303,120			
Appraised XF (B) Value (Bldg) 0			
Appraised OB (L) Value (Bldg) 10,000			
Appraised Land Value (Bldg) 0			
Special Land Value 0			
Total Appraised Parcel Value 8,293,600			
Valuation Method: C			
Adjustment: 0			
Net Total Appraised Parcel Value 8,293,600			

BUILDING PERMIT RECORD				VISIT/CHANGE HISTORY										
Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments	Date	Type	IS	ID	Ca.	Purpose/Result
									05/28/2013			JG	20	Field Review
									11/15/2012			ES	30	Quality Control
									11/09/2012			SM	00	Measure & Listed
									10/31/2012			SM	01	Exterior Inspection Only

LAND LINE VALUATION SECTION													
B Use Code	Use Description	Zone	D	Front Depth	Units	Unit Price	J. Factor \$A	C. Factor	ST. Idx	Notes- Adj	S Adj Fact	Adj. Unit Price	Land Value
3	920 Exempt Comm	9			0.00 AC	0.00	1.0000	1.00	0.00	0.00	.00		0
Total Card Land Units: 0.00 AC										Parcel Total Land Area: 0.92 AC		Total Land Value: 0	